

Distress Data Consolidation Final Report

October 2003

FHWA-RD-01-143



U.S. Department of Transportation
Federal Highway Administration



Research and Development
Turner-Fairbank Highway Research Center
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McLean, Virginia 22101-2296

FOREWORD

This report documents a study undertaken to conduct a detailed review of the distress data collected for the Long-Term Pavement Performance (LTPP) project. As a result of this work, a more in-depth review of the distress data has been completed and it has improved the understanding of the compatibility of distress data collected using different methodologies to facilitate future analysis. As a result of this study, it was found that distress data collected from the three different methodologies for LTPP may be combined without concern for systematic differences between the data sets.

This report will be of interest to highway agency engineers involved in the collection, processing, and interpretation of cracking data for the purpose of pavement management.

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Research and Development

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Technical Report Documentation Page

1. Report No. FHWA-RD-01-143		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle DISTRESS DATA CONSOLIDATION FINAL REPORT				5. Report Date October 2003	
				6. Performing Organization Code	
7. Author(s) A.L. Simpson and J.F. Daleiden				8. Performing Organization Report No.	
9. Performing Organization Name and Address Fugro-BRE, Inc. 8613 Cross Park Dr. Austin, TX 78754				10. Work Unit No. (TRAIS)	
				11. Contract or Grant No. DTFH61-96-C-00003	
12. Sponsoring Agency Name and Address Federal Highway Administration Office of Engineering Research and Development 6300 Georgetown Pike McLean, VA 22101-2296				13. Type of Report and Period Covered November 1998–May 1998	
				14. Sponsoring Agency Code	
15. Supplementary Notes Data used in this study were obtained from NIMS release 8.6. The files are dated October 1998. FHWA's Contracting Officer's Technical Representative (COTR): Cheryl Richter Project Contractor: ERES Consultants, Inc. Subcontractor: Fugro-BRE, Inc.					
16. Abstract Pavement distress is an important indicator of pavement performance. The Long-Term Pavement Performance (LTPP) program has been collecting distress information on more than 2,000 test sections located across North America since 1989. However, these surveys were performed using three different methodologies—two photographic and one manual. Additionally, over the years, distress definitions and measurement techniques were revised in an attempt to improve consistency in data collection. The primary objective of the research reported here was to produce a comprehensive consolidated distress data set to reconcile differences between data collected using these different methodologies. After thorough review, two-thirds of the LTPP distress data were considered to be in “good shape” and could be included in the consolidated data set with no further effort. The other one-third of the data will require additional review by the agencies that performed the data collection. Overall, the discrepancies found between surveys were independent of distress methodology. The data sets from these different data collection methods could be combined without concern about a consistent bias existing in the data. Of the discrepancies that were observed, 17 percent could be attributed to human error, 6 percent to data collection methodology, 36 percent to the strategies used in this review, and 41 percent were unidentifiable.					
17. Key Words Pavement distress, data collection method, distress trends				18. Distribution Statement No restrictions. This document is available to the public through the National Technical Information Service, Springfield, VA 22161.	
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages 206	22. Price

SI* (MODERN METRIC) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH				
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
AREA				
in ²	square inches	645.2	square millimeters	mm ²
ft ²	square feet	0.093	square meters	m ²
yd ²	square yard	0.836	square meters	m ²
ac	acres	0.405	hectares	ha
mi ²	square miles	2.59	square kilometers	km ²
VOLUME				
fl oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
ft ³	cubic feet	0.028	cubic meters	m ³
yd ³	cubic yards	0.765	cubic meters	m ³
NOTE: volumes greater than 1000 L shall be shown in m ³				
MASS				
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")
TEMPERATURE (exact degrees)				
°F	Fahrenheit	5 (F-32)/9 or (F-32)/1.8	Celsius	°C
ILLUMINATION				
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	candela/m ²	cd/m ²
FORCE and PRESSURE or STRESS				
lbf	poundforce	4.45	newtons	N
lbf/in ²	poundforce per square inch	6.89	kilopascals	kPa

APPROXIMATE CONVERSIONS FROM SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH				
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
AREA				
mm ²	square millimeters	0.0016	square inches	in ²
m ²	square meters	10.764	square feet	ft ²
m ²	square meters	1.195	square yards	yd ²
ha	hectares	2.47	acres	ac
km ²	square kilometers	0.386	square miles	mi ²
VOLUME				
mL	milliliters	0.034	fluid ounces	fl oz
L	liters	0.264	gallons	gal
m ³	cubic meters	35.314	cubic feet	ft ³
m ³	cubic meters	1.307	cubic yards	yd ³
MASS				
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
TEMPERATURE (exact degrees)				
°C	Celsius	1.8C+32	Fahrenheit	°F
ILLUMINATION				
lx	lux	0.0929	foot-candles	fc
cd/m ²	candela/m ²	0.2919	foot-Lamberts	fl
FORCE and PRESSURE or STRESS				
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	poundforce per square inch	lbf/in ²

*SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.
(Revised March 2003)

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CHAPTER 1. INTRODUCTION

BACKGROUND AND OBJECTIVES

Pavement distress data are among the most important measures of long-term performance. These data are especially important in the development of structural design methodologies and models to predict the occurrence of individual distresses. The Long-Term Pavement Performance (LTPP) program of the Strategic Highway Research Program (SHRP) recognized the importance of these data and established data collection guidelines and methods for monitoring the pavement performance.

Considerable resources have been expended since the LTPP program was initiated to ensure that changes in surface distress with time are adequately documented. As of October 1998, more than 7,000 distress surveys had been conducted on more than 2,000 LTPP test sections across North America, averaging more than three surveys per test section. Sufficient data are now available to begin examining trends in pavement performance.

Initially, photographic distress surveys were performed at each test section with manual distress surveys performed only on an as-needed basis. However, it quickly became apparent that photographic surveys did not capture all surface distresses. Accordingly, distress data collection efforts were revised in 1995 with much greater emphasis on manual surveys. Additionally, distress definitions and measurement techniques were revised in an attempt to improve consistency in data collection. As of October 1998, approximately 3,000 photographic and 4,400 manual surveys had been conducted.

Due to the inherent differences between photographic and manual survey methodologies, and because there had been revisions to distress definitions and data collection methodologies, variability of the condition survey data was a major concern. Therefore, the primary objective of this effort was to produce a comprehensive consolidated distress data set to reconcile differences between data collected using different methodologies. To develop this consolidated distress data set, considerable effort was directed toward identifying discrepancies in the distress data and establishing procedures to reconcile them. Hence, a secondary objective was to produce a set of guidelines to resolve the discrepancies encountered.

All distress data used in this study were released in version 8.6 of the LTPP database dated 1 October 1998 and have reached a Level E status, which indicates that the data have passed all quality control (QC) checks within LTPP to produce consistent and reliable information.

SCOPE OF REPORT

This report documents the review process used to identify discrepancies in the distress data and the recommended procedures to reconcile them. The report includes five chapters beyond this introductory chapter. Chapter 2 includes an overview of the graphical analysis used to identify outliers or discrepancies. Chapter 3 outlines the procedure used to categorize the discrepancies.

A brief discussion of the software developed to automate the review process is included in chapter 4. Reconciling the discrepancies is addressed in chapter 5. Key findings are presented in chapter 6. Detailed listings of the discrepancies by section are included in the appendices.

CHAPTER 2. GRAPHICAL REVIEW PROCESS

DATA COLLECTION METHODOLOGIES

Three procedures were used to collect the distress data currently stored in the LTPP database, one manual procedure and two photographic procedures, PADIAS 1.x and PADIAS 4.2 (PADIAS stands for PAVement DIstress Analysis System). Each procedure was used to collect distress data on LTPP test sections of the following pavements types: hot-mix asphalt (HMA), jointed concrete (JC) (plain and reinforced), and continuously reinforced concrete (CRC).

The PADIAS 1.x and 4.2 procedures are semiautomated methodologies that use the PASCO photographic distress survey technology. Thirty-five millimeter film images of the pavement surface are collected at night. Lamps mounted on the survey vehicle provide a uniform lighting of the pavement surface. A semi-automated process is used to interpret the film to derive distress data.⁽¹⁾ The distress definitions and severity levels used are those provided in the 1993 *Distress Identification Manual (DIM)*.⁽²⁾ This method involves less risk than the manual survey method because the survey vehicle operates at highway speeds, and requires no traffic control or lane closure.

After the first two rounds of distress data were collected and reviewed, discrepancies were observed between the manual and photographic results. Note that a “round” of data collection implies that data have been collected on as many test sections as possible within a time frame of about one year. The sections were chosen based on a prioritized list. The first round of PADIAS data collection occurred in 1989-1990 and included a survey of all test sections that were part of the LTPP program at that time. After the first two rounds, changes were made to the data interpretation procedures to try to minimize discrepancies. The two interpretation procedures are referred to as PADIAS version 1.x and PADIAS 4.2.

IDENTIFICATION OF COMMONLY OCCURRING DISTRESSES

A preliminary review of the distress data was conducted to identify the most commonly occurring distresses. The subsequent detailed review then focused on those specific distresses. Tables 1 to 3 list the various distresses defined in the DIM and the frequency of occurrence. The most commonly occurring distresses are identified in table 4, along with other distresses such as block cracking and patching, which often tend to exacerbate the most commonly occurring distresses. The distresses shown in table 4 were the focus of this study.

Table 1. Summary of distress on surveys of HMA-surfaced sections.

Distress Type	Total Surveys		Survey Methodologies								
			Manual			PADIAS 4.2			PADIAS 1.x		
	No.	%*	No.	%*	%**	No.	%*	%**	No.	%*	%**
Fatigue	1,445	27	1,062	32	73	205	29	14	178	13	12
Block	215	4	163	5	76	40	6	19	12	1	6
Edge	198	4	166	5	84	16	2	8	16	1	8
Longitudinal, WP	1,717	32	1,370	41	80	347	50	20	0	0	0
Longitudinal, NWP	2,858	53	1,525	46	53	479	69	17	854	63	30
Transverse Reflective, No.	180	3	66	2	37	78	11	43	36	3	20
Longitudinal Reflective	174	3	52	2	30	91	13	52	31	2	18
Transverse, No.	3,292	61	1,893	57	58	513	73	16	886	65	27
Patch/Patch Deterioration, No.	469	9	328	10	70	61	9	13	80	6	17
Potholes, No.	123	2	100	3	81	13	2	11	10	1	8
Shoving, No.	14	0	14	0	100	0	0	0	0	0	0
Bleeding	605	11	521	16	86	84	12	14	0	0	0
Polished Aggregate	17	0	17	1	100	0	0	0	0	0	0
Raveling	537	10	474	14	88	63	9	12	0	0	0
Pumping, No.	99	2	85	3	86	11	2	11	3	0	3
No Distress	1,110	21	727	22	65	65	9	6	318	23	29
Total	5,367	100	3,314	100	62	698	100	13	1,355	100	25

* The percentages in this column represent the percentage of total number of surveys of the methodology on which that distress was observed.

**The percentages in these columns represent the percentage of the total number of surveys of the observed distress that were of that methodology.

WP = wheel path

NWP = non-wheel path

Table 2. Summary of distress on surveys of JC-surfaced sections.

Distress Type	Total Surveys		Survey Methodologies								
			Manual			PADIAS 4.2			PADIAS 1.x		
	No.	%*	No.	%*	%**	No.	%*	%**	No.	%*	%**
Corner Breaks	157	9	114	13	73	8	2	5	35	9	22
Durability Cracking, No.	29	2	23	3	79	4	1	14	2	1	7
Longitudinal	345	21	209	23	61	98	28	28	38	10	11
Transverse, No.	596	36	275	30	46	178	51	30	143	37	24
Transverse, Joint Sealant, No.	1,119	68	767	84	69	352	100	31	0	0	0
Longitudinal Joint Sealant, No.	888	54	595	65	67	293	83	33	0	0	0
Longitudinal Spalling	544	33	226	25	42	177	50	33	141	36	26
Transverse Spalling, No.	810	49	396	43	49	149	42	18	265	68	33
Scaling, No.	39	2	26	3	67	13	4	33	0	0	0
Polished Aggregate	81	5	79	9	98	2	1	2	0	0	0
Popouts, No./Unit Area	204	12	48	5	24	26	7	13	130	33	64
Blowups	3	0	3	0	100	0	0	0	0	0	0
Flexible Patch, No.	202	12	117	13	58	35	10	17	50	13	25
Rigid Patch, No.	166	10	126	14	76	24	7	14	16	4	10
Pumping, No.	64	4	54	6	84	9	3	14	1	0	2
Map Cracking, No.	122	7	117	13	96	5	1	4	0	0	0
No Distress	91	6	55	6	60	0	0	0	36	9	40
Total	1,653	100	911	100	55	352	100	21	390	100	24

*The percentages in this column represent the percentage of total number of surveys of the methodology on which that distress was observed.

**The percentages in these columns represent the percentage of the total number of surveys of the observed distress that were of that methodology.

Table 3. Summary of distress on surveys of CRC-surfaced sections.

Distress Type	Total Surveys		Survey Methodologies								
			Manual			PADIAS 4.2			PADIAS 1.x		
	No.	%*	No.	%*	%**	No.	%*	%**	No.	%*	%**
Durability Cracking, No.	3	1	1	1	33	2	2	67	0	0	0
Longitudinal Cracking	120	29	38	21	32	66	69	55	16	12	13
Transverse, No.	401	98	177	99	44	96	100	24	128	96	32
Map Cracking, No.	13	3	12	7	92	1	1	8	0	0	0
Scaling, No.	1	0	0	0	0	1	1	100	0	0	0
Polished Aggregate	15	4	13	7	87	2	2	13	0	0	0
Popouts, No./Unit Area	44	11	6	3	14	6	6	14	32	24	73
Blowups, No.	0	0	0	0	-	0	0	-	0	0	-
Construction Joint, No.	41	10	21	12	51	13	14	32	7	5	17
Flexible Patch, No.	34	8	13	7	38	13	14	38	8	6	24
Rigid Patch, No.	19	5	12	7	63	2	2	11	5	4	26
Punchouts, No.	74	18	17	9	23	55	57	74	2	1	3
Longitudinal Spalling	102	25	18	10	18	37	39	36	47	35	46
Pumping, No.	11	3	9	5	82	2	2	18	0	0	0
Longitudinal Joint Sealing, No.	127	31	80	45	63	47	49	37	0	0	0
No Distress	7	2	2	1	29	0	0	0	5	4	71
Total	409	100	179	100	44	96	100	23	134	100	33

*The percentages in this column represent the percentage of total number of surveys of that methodology on which the distress was observed.

**The percentages in these columns represent the percentage of the total number of surveys of the observed distress that were of that methodology.

Table 4. Key distress types.

HMA	JC	CRC
Fatigue Cracking Longitudinal Cracking Transverse Cracking Patch/Patch Deterioration Block Cracking	Corner Breaks Longitudinal Cracking Transverse Cracking Patch/Patch Deterioration	Longitudinal Cracking Transverse Cracking Patch/Patch Deterioration Punchouts

REVIEW PROCESS

Following identification of six key distresses for the HMA and five key distresses for both the JC and the CRC-surfaced pavements from over 2,000 test sections, more than 10,000 data sets had to be examined. To facilitate this review, a graphical interface program was developed to allow the reviewer to examine data by the State, section, and distress type of interest. Figure 1 illustrates the user interface software that was developed under this study, and chapter 5 discusses automation of the review process. The “State” and “SHRP ID” boxes allow the user to quickly select a particular State or section. The “Distress Type” drop-down menu allows the user to select the type of distress for review.

The interface software produces a graph of the selected distress versus time for each section. For each data point, a set of error bands is shown to signify the accepted variability. The coefficients of variation (COV) shown in table 5 were used to calculate these error bands in accordance with equation 1.⁽³⁾

$$\text{Upper and Lower Limit} = x \pm 3(\text{COV})x \tag{1}$$

Where: COV = coefficient of variation
x = distress value of interest

The upper and lower limits of each distress effectively represent three standard deviations. Ninety-nine percent of the data from any given data set should fall within three standard deviations of the mean of that data set. In other words, there is a 1 percent probability that a data point within a particular data set will occur more than three standard deviations away from the mean, as illustrated in figure 2.

Experienced distress raters who had been accredited by the Federal Highway Administration (FHWA) performed the initial reviews. After the initial review was completed, the results were verified by cross-checking of the work of each reviewer. This cross-checking of the distress surveys was subsequently automated. This automation is discussed in chapter 4.

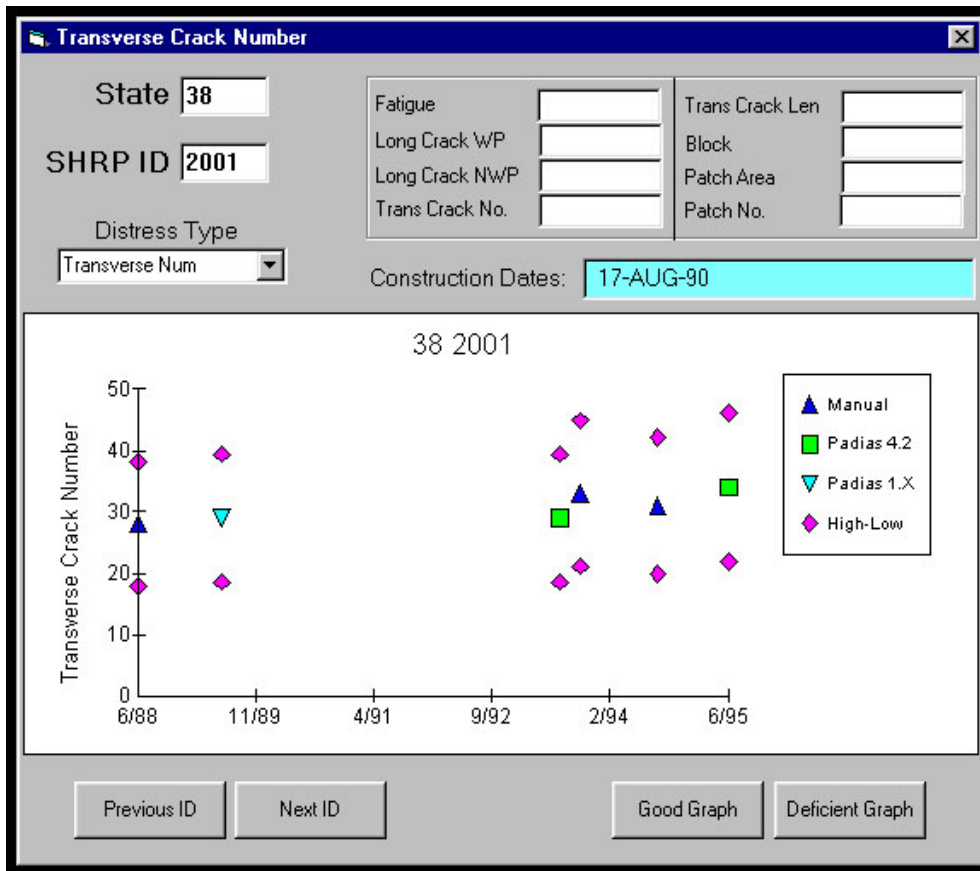


Figure 1. Illustration of user interface for graphical review software.

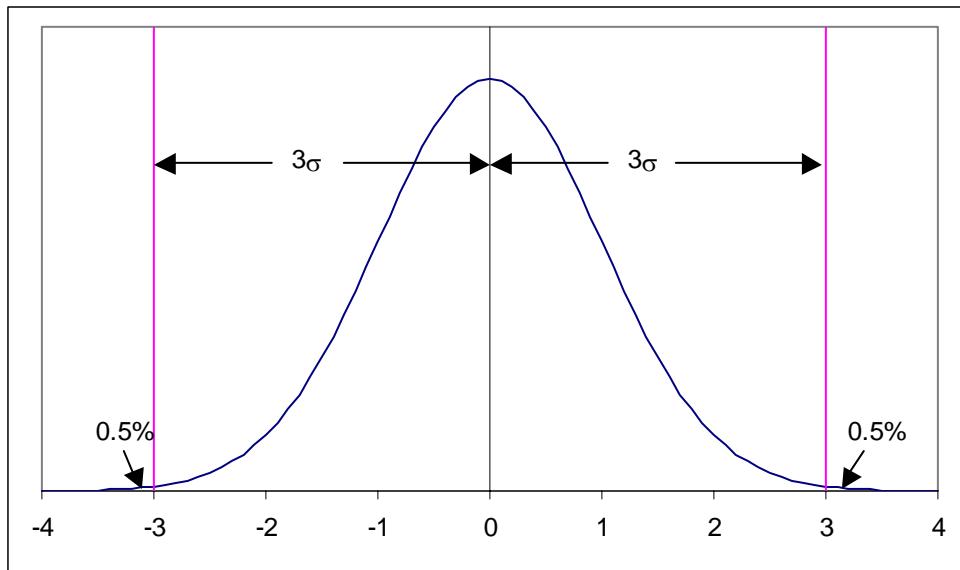


Figure 2. Normal probability plot.

Table 5. Coefficient of variation used in consolidated distress study.

Distress	COV (%)	Source
HMA		
Fatigue Cracking	32.67	Law/PCS ⁽³⁾
Longitudinal Cracking, WP	31.17	Law/PCS ⁽³⁾
Longitudinal Cracking, NWP	20.45	Law/PCS ⁽³⁾
Transverse Cracking, No.	11.97	Law/PCS ⁽³⁾
Transverse Cracking, Length	8.95	Law/PCS ⁽³⁾
Patch/Patch Deterioration, No.	15.00	Default
Patch/Patch Deterioration, Area	15.00	Default
Block Cracking	15.00	Default
JC		
Corner Breaks	13.14	Law/PCS ⁽³⁾
Longitudinal Cracking	17.28	Law/PCS ⁽³⁾
Transverse Cracking, No.	14.19	Law/PCS ⁽³⁾
Transverse Cracking, Length	7.32	Law/PCS ⁽³⁾
Patch/Patch Deterioration, No.	15.00	Default
Patch/Patch Deterioration, Area	15.00	Default
CRC		
Longitudinal Cracking	17.28	Law/PCS ⁽³⁾
Transverse Cracking, No.	14.19	Law/PCS ⁽³⁾
Transverse Cracking, Length	7.32	Law/PCS ⁽³⁾
Patch/Patch Deterioration, No.	15.00	Default
Patch/Patch Deterioration, Area	15.00	Default
Punchouts	15.00	Default

WP = wheel path

NWP = non-wheel path

A recommendation was made by a previous study to combine all severity levels to reduce variability in the distress data.⁽³⁾ That recommendation was followed for the purposes of this consolidation effort; quantities of low, medium, and high severity were totaled prior to reviewing time-series data.

During review of the surveys, if distress increased in a generally linear fashion with time, the data were deemed acceptable for inclusion in the consolidated distress table. If not, the data were considered discrepant and were examined further. Discrepancies in the data were first attributed to one of the following: DIM interpretation, summarization, seasonal variability, or data collection methodology.

The distress data were classified as discrepant due to DIM interpretation if the extent or severity of the distress was illogical from one survey to the next (e.g., the initial survey reflected severe fatigue cracking but subsequent surveys showed zero fatigue cracking). If the extent or severity of the distress varied with season, the survey was classified as discrepant due to seasonal variability (e.g., more fatigue cracking was observed during winter months than summer months). If distress recorded from manual surveys differed from that recorded with automated surveys, the data were classified as discrepant based on data collection methodology. Finally, if

none of these errors were readily apparent, the discrepancy was classified as summarization. These four classifications are discussed in more detail in chapter 3.

The DIM has undergone several revisions over the years of data collection. For instance, initially, all longitudinal cracking was recorded as a single distress. However, because longitudinal cracking occurring within the wheel paths is usually related to loading of the pavement and longitudinal cracking occurring between the wheel paths is usually related to climatic conditions, the decision was made to split these into two different data elements. At that time, the manual distress surveys were reviewed and edited to reflect this change in definition.

The method for performing distress surveys (both manual and PADIAS) involves mapping the distress first. Then the map is used to determine the total quantities of each type of distress. Because determining the total quantity is performed manually under both survey methods, the occasional math error is expected. Math errors should not occur on PADIAS surveys since they are summarized automatically. Determining when a math error has been made strictly from the trend of the distress over time, without referring to the distress maps, is nearly impossible. It is much easier to determine when the discrepancy noted was not a math, or summarization, error, and classify all remaining discrepancies as summarization.

Refinement within these four categories may be possible; however, the discrepancies initially were classified based only on the graphical analysis. As shown in figure 3, these classifications would appear as DIM, summary, season, or method in the boxes next to the distress in the upper portion of the interface. For this section, the initial reviewer classified the distress data as follows: fatigue as “good,” the discrepancy in the longitudinal wheel path (WP) cracking as a summarization error, and the discrepancy in the longitudinal non-wheel path (NWP) cracking as due to data collection methodology.

As the reviewer classified the graph, a record would be logged if it was discrepant. Again, discrepant data were classified and stored into one of the following: DIM interpretation, summarization, seasonal variability, and methodology. As illustrated in figure 4, each record includes the data collection methodology, the State, SHRP ID, construction event number, survey date, amount of distress, and type of distress. All of the data for the discrepant distress on a particular section are stored in the appropriate file.

Those sections with only one or two surveys were written directly into a database to distinguish them from the sections for which there were sufficient data to assess variability in observations. The review software does not graph the sections for which only a single distress survey is available; instead, the data are written directly to a file named “1POINT.TXT.” The software provides graphs of sections for which two observations are available. The reviewer classifies these graphs and the data are stored in the file named “2POINT.TXT.” Although the reviewer cannot specify which point is discrepant, the trend is specified as discrepant. Both of these files contain the same information as the files previously described.

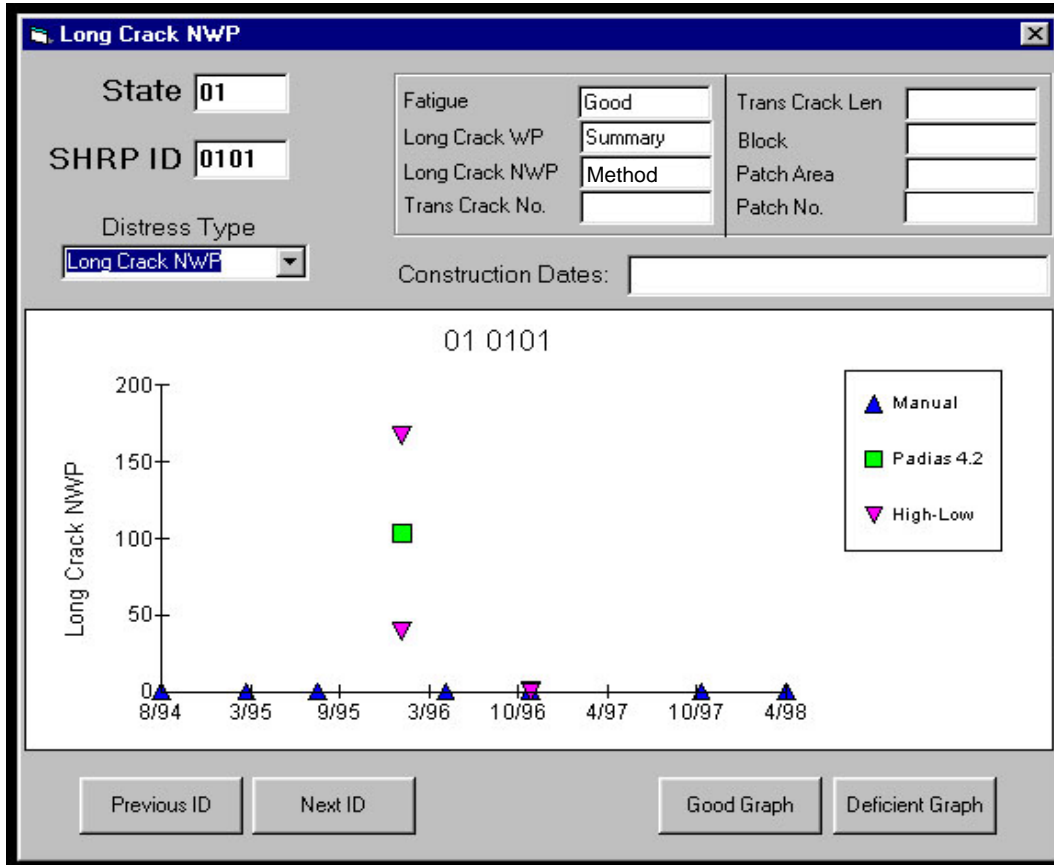


Figure 3. Illustration of section that has been through the review.

Method	State	SHRP	CN	Survey	Value	Distress
ac_rev	01	0102	1	94-08-25	0	Fatigue
ac_rev	01	0102	1	95-02-08	1.8	Fatigue
ac_rev	01	0102	1	95-07-27	0	Fatigue
pad42_ac	01	0102	1	96-01-10	0	Fatigue
ac_rev	01	0102	1	96-04-17	2.1	Fatigue
ac_rev	01	0102	1	96-10-11	26.3	Fatigue
ac_rev	01	0102	1	97-10-30	21.1	Fatigue
ac_rev	01	0105	1	94-08-25	0	Long_Crack_WP
ac_rev	01	0105	1	95-02-08	0	Long_Crack_WP
pad42_ac	01	0105	1	96-01-10	0	Long_Crack_WP
ac_rev	01	0105	1	96-04-19	37.4	Long_Crack_WP

ac_rev = Manual Survey
pad42_ac = PADIAS 4.2 survey

Figure 4. Example of output file from graphical review software.

The software described in the preceding narrative was used for the review of the HMA and JC test sections. Because the number of CRC test sections is limited, the review of these data was performed using graphs created in Microsoft® Excel.

SUMMARY—INITIALLY DISCREPANT SURVEYS

The results from the initial graphical analysis are summarized in table 6. Almost 66 percent (4,879 of 7,428) of the surveys from release 8.6 of the LTPP database could be directly transferred to the consolidated data set (i.e., there were no discrepancies with 66 percent of the surveys). The remaining 34 percent were discrepant surveys. The percentage of discrepant surveys was higher for the photographic surveys than for the manual surveys. Surprisingly, the PADIAS 4.2 data had a higher percentage of discrepant surveys than did the PADIAS 1.x data.

One potential explanation for the differences observed in the percentage of discrepant surveys is related to the number of surveys. The manual surveys were not performed on a routine basis until 1995. Hence, the ratio of the number of manual surveys to the number of PADIAS surveys is a lot smaller prior to 1995 than after 1995. All of the surveys performed using the PADIAS 1.x methodology were performed prior to 1995. These surveys may define truth for that timeframe. In other words, since this type of survey is more prevalent for that time period, it may define the trend against which the manual surveys are judged. On the other hand, since 1995, more manual surveys have been conducted than PADIAS surveys. For that timeframe, the trends are dominated by the manual surveys and the PADIAS surveys are judged against those. Therefore, the differences in percentages of discrepant surveys between the two methodologies may be due to this change in data collection policy.

The number and percentage of questionable surveys for the HMA, JC, and CRC sections are summarized in tables 7, 8, and 9, respectively, by distress type. The largest number of discrepant surveys occurred when extensive longitudinal and transverse cracking was recorded, regardless of pavement type. This is logical because these distresses are the most commonly occurring distresses.

The review of the *number* of cracks or patches was conducted separately from the review of the *length* of cracks or *area* of patches. Because quantifying the length of crack or area of patch is more subjective than counting the number of cracks or patches, it is not surprising that the number of questionable surveys for *number* and *length* of cracks, and for *number* and *area* of patches, are not identical. As shown in tables 7 to 9, the number of questionable surveys pertaining to crack length or patch area typically exceeds the number shown for number of cracks or patches.

Tables 10, 11, and 12 summarize the number and percentage of discrepancies per survey. Nearly 75 percent of the surveys were problem free, with actual percentages of 61, 78, and 75 for HMA, JC, and CRC-surfaced pavements, respectively. Only 3 to 4 percent of the concrete surveys included more than two discrepancies per survey, while 6 percent of the HMA-surfaced test sections had more than three discrepancies per survey. The likelihood of misclassification is greater on HMA pavements than on concrete pavements. A distress that is misclassified leads to two discrepancies—one in the assigned distress and one in the appropriate distress.

Table 6. Number of discrepant surveys by data collection methodology.

Surface Type	Number of Surveys	Number of Surveys with No Distress*	Number of Discrepant Surveys*
MANUAL			
HMA	3,318	727 (22)	1,115 (34)
JC	911	465 (51)	195 (21)
CRC	178	2 (01)	53 (30)
PADIAS 1.x			
HMA	1,351	311 (23)	574 (42)
JC	390	198 (51)	81 (21)
CRC	134	5 (04)	14 (10)
PADIAS 4.2			
HMA	698	54 (08)	393 (56)
JC	352	139 (39)	89 (25)
CRC	96	0 (0)	35 (36)
TOTAL			
HMA	5,367	1,092 (20)	2,082 (39)
JC	1,653	802 (49)	365 (22)
CRC	408	16 (04)	102 (25)

*Percentages shown in parentheses

Table 7. Number of discrepant surveys by distress for HMA sections.

Distress	Number of Discrepant Surveys	Percentage of Total Surveys	Percentage of Surveys with Associated Distress
Fatigue	513	10	36
Block Cracking	133	2	62
Longitudinal Cracking, WP	884	16	51
Longitudinal Cracking, NWP	1,012	19	35
Transverse Cracking, No.	819	15	25
Transverse Cracking, Length	848	16	25
Patching, No.	160	3	34
Patching, Area	172	3	34

Table 8. Number of discrepant surveys by distress for JC sections.

Distress	Number of Discrepant Surveys	Percentage of Total Surveys	Percentage of Surveys with Associated Distress
Corner Breaks	79	5	50
Longitudinal Cracking	113	7	33
Transverse Cracking, No.	129	8	22
Transverse Cracking, Length	162	10	22
Flexible Patching, No.	50	3	25
Flexible Patching, Area	55	3	25
Rigid Patching, No.	35	2	21
Rigid Patching, Area	43	3	21

Table 9. Number of discrepant surveys by distress for CRC sections.

Distress	Number of Discrepant Surveys	Percentage of Total Surveys	Percentage of Surveys with Associated Distress
Longitudinal Cracking	40	10	33
Transverse Cracking, No.	25	6	6
Transverse Cracking, Length	39	10	6
Flexible Patching, No.	12	3	35
Flexible Patching, Area	12	3	35
Rigid Patching, No.	11	3	58
Rigid Patching, Area	11	3	58
Punchouts	37	9	50

Table 10. Number of discrepancies observed on each HMA survey.

No. of Problems Per Survey	No. of Surveys	Percentage of Total Surveys
0	3,285	61.0
1	772	14.0
2	639	12.0
3	365	7.0
4	175	3.3
5	100	1.9
6	21	0.4
7	7	0.1
8	3	0.1

Table 11. Number of discrepancies observed on each JC survey.

No. of Problems Per Survey	No. of Surveys	Percentage of Total Surveys
0	1,288	78.0
1	160	10.0
2	134	8.0
3	53	3.0
4	11	0.7
5	7	0.4
6	0	0.0

Table 12. Number of discrepancies observed on each CRC survey.

No. of Problems Per Survey	No. of Surveys	Percentage of Total Surveys
0	306	75.0
1	44	11.0
2	45	11.0
3	2	0.5
4	8	2.0
5	3	0.7
6	0	0.0

CHAPTER 3. CATEGORIES AND PROBABLE CAUSES OF DISCREPANT SURVEY DATA

As discussed in chapter 2, eight distresses are included in the consolidated data set for each surface type. With eight distresses for each of the 7,428 surveys, 59,424 individual data elements were reviewed. Of these 59,424 data elements, less than 10 percent (5,398) were discrepant; of the 5,398 discrepant data elements, more than half appear to be easily resolvable.

All discrepancies were classified into one of three categories as shown in table 13. Each discrepant data set was reevaluated to try to identify commonalities within the three categories. The DIM interpretation and summarization explained in chapter 2 were classified as “Variability Associated with Human Error.” The discrepancies that fell into the categories of seasonal effects or data collection methodology were believed to have several different causes, as listed in table 13.

A recommendation was made to FHWA that the discrepant surveys should be reevaluated to correct any errors that may exist. This chapter includes a description of each category and suggestions as to how the discrepancies might be resolved.

Table 13. Categories and probable causes of discrepant survey data.

Variability Associated With Human Error	Variability Due to Seasonal Effects	Variability Associated With Collection Methodology
Misunderstandings of distress definitions	Width of cracks due to thermal effects	Depth perception
Errors in summarization	Visibility of distresses associated with varying surface moisture conditions	Color or contrast
	Visibility of cracks due to binder softening	Resolution (as it relates to identifying the fine hairline cracks)

VARIABILITY ASSOCIATED WITH HUMAN ERRORS

Misunderstanding of Distress Definitions

Misunderstanding of distress definitions was the most commonly occurring and obvious source of discrepant data, causing 23 percent of the discrepancies. Due to the subjective nature of visual condition surveys, it is understandable and logical that such discrepancies would occur. The following sections of this chapter describe some of the scenarios identified under this heading and offer recommendations for resolution.

Cracking in the Wheel Path Versus Fatigue Cracking

While one individual may record distress as fatigue, the next individual may record it as longitudinal cracking in the wheel path. An example of this discrepancy is shown in appendix A (figure 5). The DIM defines fatigue as cracking that usually occurs in the wheel path and has a measurable width.⁽²⁾ In some cases, the presence of a measurable width is debated: one surveyor may indicate that the cracking does have width, while another surveyor indicates that the cracking does not have width.

Of the questionable non-wheel path longitudinal cracking data, 31 percent were identified as questionable fatigue cracking, 20 percent were identified as questionable wheel path longitudinal cracking, and 1 percent were identified as questionable non-wheel path longitudinal cracking. It was not anticipated that the non-wheel path longitudinal cracking would be affected by this discrepancy. However, cases were found where a combination of errors occurred, including an error affecting the differentiation between wheel path and non-wheel path longitudinal cracking.

Several potential solutions exist for resolving this discrepancy, the simplest of which is majority rules. If three of four surveys classify the cracking as fatigue, then the fourth should be amended to record it as fatigue also. Conversely, if three of the sections show longitudinal cracking in the wheel path, the fourth should be amended to indicate longitudinal cracking in the wheel path. Another solution would be to delete the outlier from the data set. A third potential solution would be to combine the longitudinal cracking in the wheel path and fatigue cracking for all existing surveys, as has been previously recommended. Any of these recommendations could be implemented without revisiting the survey maps.

Cracking in the Wheel Path Versus Non-Wheel Path

There are sections where longitudinal cracking varies from wheel path to non-wheel path and back again. In other words, one surveyor will decide that the cracking occurs in the wheel path, while the next surveyor will record that the cracking occurs outside the wheel paths. In these instances, re-evaluation of the maps is required to resolve this discrepancy.

Appendix A (figure 6) illustrates a section for which the longitudinal cracking appears to wander from wheel path to non-wheel path with time. In more than 25 percent of the HMA surveys, the distinction between non-wheel path and wheel path longitudinal cracking was a problem.

Block Cracking Versus Longitudinal and Transverse Cracking

Several data sets were identified in which the distinction between block cracking and extensive quantities of transverse and longitudinal cracking was the source of the problem. Generally, block cracking is expected to follow a regular pattern, which is not necessarily true of extensive transverse and longitudinal cracking. Still, the percentage of questionable surveys in which block cracking was an issue was significantly lower than those in which longitudinal or transverse cracking was an issue: 2 percent for the former, versus more than 15 percent for the latter.

This discrepancy is illustrated in appendix A (figure 7). Difficulty in distinguishing between block cracking and longitudinal and transverse cracking accounted for approximately 53 percent of the questionable block cracking data.

Unfortunately, solutions to this discrepancy are limited because it is difficult to separate block cracking into longitudinal and transverse cracks, or to combine longitudinal and transverse cracks into block cracking. However, if the majority of the data points reflect block cracking, it is conceivable that a re-review of the distress maps could produce a quantity of block cracking from the recorded longitudinal and transverse cracking for entry into the consolidated distress data set.

Errors in Summarization

A summarization error is an error in determining the total quantity of distress from the map created during the distress survey. Summarization errors are estimated to be the source of questionable surveys as follows: 1 percent of the questionable transverse cracking number, 19 percent of the questionable transverse cracking length, 4 percent of the questionable patching number, and 5 percent of the questionable patching area. Because errors of this type are fairly obvious from a review of the distress maps, they are easily corrected.

For some of the surveys, it is evident that a summarization error was made. Examples include obvious mismatches between the numbers of cracks or patches recorded and the total area (e.g., 20 patches for a total area of 0.2 square meters (m^2) is unlikely). In some instances, the quantities exceed a practical limit (i.e., patching greater than 15 percent of the surface area prompted removal of the section from the study). The assumption is that a math error occurred in totaling the distress to provide these mismatches between two related data elements, so that distress magnitudes this great should be a rare occurrence.

Appendix A (figures 8 and 9) displays two cases where a summarization error appears to have occurred. In the first case, shown in figure 8a, a survey showed that almost 30 transverse cracks were apparent on the test section, but the cracks had 0 length as shown in figure 8b. In the second case, a section was shown to have approximately 15 patches (as shown in figure 9a) with a total area of about 500 m^2 (as shown in figure 9b). Recall that FHWA requirements call for placing a test section out-of-study if more than 15 percent of the area is patched, so that distress magnitudes this great should be a rare occurrence.

VARIABILITY DUE TO SEASONAL EFFECTS

None of the seasonal effects shown in table 13 were evident from this preliminary review. To confirm that seasonal effects were the source of the questionable distress data, the distress maps must be reevaluated. In using these maps, it might be possible to determine that a particular crack found during one survey was not found in another. Furthermore, recording the general site conditions at the time of the survey might help to explain oversights or errors in the distress noted. However, without a more thorough review, it is impossible to state categorically that the

cause of the discrepancy noted is due to a specific seasonal effect. Although seasonal effects may be the source of some discrepancies, such could not be confirmed in this exercise.

VARIABILITY ASSOCIATED WITH COLLECTION METHODOLOGY

While none of the anticipated discrepancies noted in table 13 were apparent for the key distresses examined in this work, there was at least one discrepancy that could be attributed solely to methodology.

In the early rounds of PASCO film review and manual surveys, no distinction was made between wheel path and non-wheel path longitudinal cracking. When the DIM was revised in 1993, the distress maps resulting from manual surveys performed prior to that date were reviewed, and the longitudinal cracking was classified as wheel path or non-wheel path. This distinction has not yet been made for data collected under the PADIAS 1.x system. For the purposes of this review, all longitudinal cracking for PADIAS 1.x was considered as non-wheel path longitudinal cracking. This assumption is not valid for all of the PADIAS 1.x data.

Appendix A provides an example of this discrepancy (figure 10). This discrepancy affected 159 (16 percent) instances of the questionable non-wheel path longitudinal cracking and 189 instances (21 percent) of the questionable wheel path longitudinal cracking.

In reevaluating the questionable surveys of longitudinal cracking (wheel path and non-wheel path) from the PADIAS 1.x method, the data sets have been denoted as requiring “Clarification of Longitudinal Cracking Position.” To resolve this particular discrepancy, the PADIAS 1.x film for these sections must be reevaluated.

It was anticipated that there would be a consistent bias in the data collection methodologies (e.g., manual surveys consistently yielded greater distress than automated surveys). Although in some surveys all distress quantities are high or all distress quantities are unusually low, few were outside the tolerable error limits set. None of these extremes could be attributed exclusively to a particular methodology.

MISCELLANEOUS SOURCES OF DISCREPANT SURVEY DATA

There are additional causes for discrepant survey data that did not fit the aforementioned categories. These include insufficient quantities of distress, nonlinear growth rate, and documentation of maintenance and rehabilitation activities. Fortunately, these are the easiest to identify and rectify.

Insufficient Quantities of Distress

For some sections, surface distress was virtually nonexistent, making it impractical to compute realistic measurements of variability and error. Moreover, the error band has a practical lower limit. Below this limit, it is not possible for the distress to be measured within the error bands and still allow for some realistic measurement error. While the error band process used in the graphical review accommodated many of these concerns, there were still several for which all of the points were zero except one, and for the one non-zero point the error bands did not encompass zero.

Figures 11, 12, and 13 in appendix A illustrate this concept for the HMA, JC, and CRC surface types, respectively. Table 14 includes the number and percentage of surveys for which there were insufficient quantities of distress to identify any performance trends.

It is recommended that these data sets be reclassified as acceptable, citing insufficient quantities of distress.

Nonlinear Growth Rates

In evaluating the data, it was assumed that distress would increase in a generally linear fashion with time. Those data sets that were initially labeled as discrepant due to inordinately high quantities of distress on later surveys were reclassified as acceptable to allow for nonlinear increases in distress.

An example of nonlinear growth rate is illustrated in figure 14 in appendix A. The discrepancy was observed only on the HMA-surfaced test sections. Table 15 includes the number and percentage of data in which a nonlinear increase in distress was recorded.

Undocumented Maintenance or Rehabilitation

The plots generated in the graphical review process reflected any maintenance or rehabilitation activities that had occurred on the test sections that were recorded in the database. For some of the test sections, all of the distress dropped to near zero from the previous survey, with no rehabilitation or maintenance noted. Rehabilitation and/or maintenance are the most likely cause(s) of this drop when observed on several distresses.

A data analysis feedback report listing these sections was supplied to FHWA for review and resolution of these discrepancies. Figure 15 in appendix A illustrates this source of error.

Table 14. Number of elements affected by insufficient quantities of distress.

Distress	No. of Surveys with Distress Quantities Too Small to Define Trends	No. of Total Discrepant Surveys	Percentage of Total Discrepant Surveys
HMA			
Fatigue Cracking	96	513	19
Block Cracking	11	133	8
Longitudinal Cracking, WP	86	884	10
Longitudinal Cracking, NWP	85	1,012	8
Transverse Cracking, No.	144	819	18
Transverse Cracking, Length	152	848	18
Patching, No.	70	160	44
Patching, Area	76	172	44
JC			
Corner Breaks	51	79	65
Longitudinal Cracking	65	113	58
Transverse Cracking, No.	65	129	50
Transverse Cracking, Length	72	162	44
Flexible Patching, No.	28	50	56
Flexible Patching, Area	31	55	56
Rigid Patching, No.	24	35	69
Rigid Patching, Area	29	43	67
CRC			
Longitudinal Cracking	19	40	48
Transverse Cracking, No.	0	25	0
Transverse Cracking, Length	0	39	0
Flexible Patching, No.	8	12	67
Flexible Patching, Area	8	12	73
Rigid Patching, No.	9	11	75
Rigid Patching, Area	9	11	75
Punchouts	4	37	11

Table 15. Number of elements affected by exponential growth rates.

Distress	No. of Surveys with Exponential Growth Rates	No. of Total Discrepant Surveys	Percentage of Total Discrepant Surveys
Fatigue Cracking	27	513	5
Block Cracking	5	133	4
Longitudinal Cracking, WP	16	884	2
Longitudinal Cracking, NWP	43	1,012	4
Transverse Cracking, No.	71	819	9
Transverse Cracking, Length	75	848	9
Patching, No.	3	160	2
Patching, Area	3	172	2

SUMMARY

Table 16 includes a listing of the discrepancies and probable cause of each. As stated earlier, less than 10 percent of the 59,424 data elements reviewed were discrepant. Of the 5,398 discrepant data elements, more than half may be addressed easily with only two exceptions: 1) distinction between block cracking and combined longitudinal and transverse cracking, and 2) those discrepancies that did not readily fit the categories established in this review. From this preliminary review, the authors are confident that, with minimal additional effort to correct these discrepancies, at least 95 percent of the critical distress data could be suitable for incorporation into the consolidated data set.

Table 16. Number of discrepant surveys for each category.

Guideline	1	2	3	4	5	6	7	8	99	Total
HMA										
Fatigue Cracking	96	27	162	59	5	2	0	0	165	516
Block Cracking	11	5	1	14	0	70	0	0	32	133
Longitudinal, WP	86	16	178	59	189	37	0	119	200	884
Longitudinal, NWP	85	43	10	118	159	50	0	148	399	1,012
Transverse, No.	144	71	11	125	0	52	9	0	407	819
Transverse, Length	152	75	9	124	0	53	16	0	419	848
Patching, No.	70	3	0	11	0	0	7	0	69	160
Patching, Area	76	3	0	11	0	0	8	0	74	172
JC										
Corner Breaks	51	0		0					28	79
Longitudinal	65	0		0					48	113
Transverse, No.	65	0		0					64	129
Transverse, Length	72	0		0					90	162
Flexible Patch, No.	28	0		0					22	50
Flexible Patch, Area	31	0		0					24	55
Rigid Patch, No.	24	0		0					11	35
Rigid Patch, Area	29	0		0					14	43
CRC										
Longitudinal	19	0		0					21	40
Transverse, No.	0	2		0					23	25
Transverse, Length	0	3		0					36	39
Flexible Patch, No.	8	0		0					4	12
Flexible Patch, Area	8	0		0					3	11
Rigid Patch, No.	9	0		0					3	12
Rigid Patch, Area	9	0		0					3	12
Punchouts	4	0		0					33	37
Total	1,142	248	371	521	353	264	40	267	2,192	5,398

Guideline Key:

1. Insufficient quantities of distress.
 2. Nonlinear growth rates.
 3. Combination of fatigue and longitudinal cracking, WP.
 4. Undocumented maintenance or rehabilitation.
 5. Re-review of PASCO 1.0 longitudinal cracking.
 6. Discrepancy between block cracking and longitudinal and transverse cracking.
 7. Error in summarization.
 8. Wander of longitudinal cracking from WP to NWP.
 99. Other (or discrepancy was unable to be categorized).
- Note: Shaded cells represent sources of discrepancies that are not applicable to that surface type.

CHAPTER 4. AUTOMATION OF REVIEW PROCESS

The manual review discussed in the preceding chapters proved to be extremely labor-intensive. At roughly one-half hour per graph, complete processing of the 10,000-plus graphs equates to roughly 5,000 person-hours. To incorporate new distress survey data as they become available, automation of this process was imperative. Accordingly, this chapter describes the software developed to automate the preliminary data QC review process.

SOFTWARE ALGORITHM

A program was written in VisualBasic to perform this review, the products of which are two files. One file contains the data that meet the QC criteria and are automatically included in the LTPP database and the consolidated distress tables. The second file contains a listing of the discrepant data sets and likely explanations of the causes of the discrepancies.

Currently, there are three different programs, one for each surface type. The user's manual for these programs is provided in appendix B. The program performs a linear regression of the data and then compares the actual data points to the predicted values. If these data are not within a specified tolerance, the data for that section undergo a series of additional checks. These checks assess the data in terms of logic (i.e., increasing distress with time and threshold values). If the data fail all of these checks, the distress is recorded as discrepant.

The software writes two data files for each surface type, PASS*.DAT and NOTPASS*.DAT, where * indicates the surface type. Data passing the software checks are written to PASS*.DAT. The section, distress type, and an error message identifying the potential cause of the discrepancy are written to the NOTPASS*.DAT file.

FUTURE USE

The software will allow users to examine distress data from the database on a regular basis. It has been recommended that the software be used to provide a closer review of the distress data and to make corrections as needed to the discrepancies noted. However, it is probable that some of the discrepancies will not be resolvable.

A subroutine is included that identifies and excludes outliers from the time series trend for a given distress. If a discrepant survey is identified that cannot be resolved, it may be excluded from further review and from the consolidated data set. As new survey data become available, surveys previously excluded may be reevaluated and included in the consolidated data set if appropriate.

SOFTWARE ASSESSMENT

A comparison was made between the results of the manual review and the results of the automated review. In general, the automated and manual reviews noted the same discrepancies—although the causes noted were not always identical. Since the cause was merely an indication of where the data review should begin, the difference in results between the automated and the manual reviews is not considered significant.

RESULTS FROM AUTOMATED REVIEW

Appendices C, D, and E provide the consolidated data for the HMA, JC, and CRC-surfaced sections, respectively. Table 17 contains the number and percentage of data elements that were included in the consolidated data set. The automated review placed fewer surveys in the consolidated data set for the reasons discussed below.

In the manual reviews, an attempt was made to identify the individual survey that caused the discrepancy. However, during the automated reviews, no such examination was attempted. Identifying the specific survey causing the discrepancy in an automated fashion was impossible. If a single survey failed the initial check with the regression line, then the whole data set was excluded from the consolidated data set. To reduce the potential for erroneously including discrepant data in the data set, the decision was made to exclude the whole data set rather than try to identify the individual survey that caused the discrepancy. On the other hand, the data should be thoroughly examined in order to determine which survey is causing the discrepancy and why. Once errors are identified and resolved, the data set will pass the review and be included in the consolidated data set. Appendices F, G, and H contain the list of discrepancies that were found by the software for the HMA, JC, and CRC-surfaced sections, respectively.

Table 17. Number and percentage of data elements in the consolidated data sets.

Distress	Number	Percentage
HMA		
Fatigue	3,148	59
Block Cracking	4,489	84
Longitudinal, WP	2,509	47
Longitudinal, NWP	1,880	35
Transverse, No.	2,154	40
Transverse, Length	2,089	39
Patch, No.	4,548	85
Patch, Area	4,492	84
JC		
Corner Breaks	1,493	90
Longitudinal	1,375	83
Transverse, No.	1,163	70
Transverse, Length	1,150	70
Rigid Patch, No.	1,530	93
Rigid Patch, Area	1,503	91
Flexible Patch, No.	1,490	90
Flexible Patch, Area	1,492	90
CRC		
Longitudinal	307	75
Transverse, No.	72	18
Transverse, Length	69	17
Rigid Patch, No.	403	99
Rigid Patch, Area	403	99
Flexible Patch, No.	398	97
Flexible Patch, Area	393	96
Punchouts	286	70

CHAPTER 5. DETAILED REVIEW OF DISCREPANT MANUAL SURVEYS

The authors were able to conduct a more detailed review of 372 of the manual surveys that appeared to be discrepant. Preliminary indicators (i.e., DIM interpretation, summarization errors, seasonal effects, and effects due to differences in data collection methodology) were established for the reviewers to denote possible explanations for these discrepancies. However, the preliminary reviews only considered the data that were entered in the database.

The immediate concern is how much of these data can be salvaged with some additional review of the actual maps. To explore this possibility, the 372 discrepant surveys (along with their unquestioned counterparts) were reevaluated to identify opportunities for resolving the discrepant data. As the data from these test sections comprise half of the total data set, this effort should be indicative of prospects for success for review of the remainder of the discrepant data.

As stated previously, manual distress surveys of the LTPP test sections were not conducted on a routine basis prior to 1995, as the photographic distress surveys were considered the primary mechanism for collection distress data. In 1995, LTPP data collection personnel were instructed to conduct manual surveys every two years on each test section, and review of prior surveys, as part of the audit process for data collection, was suggested. Review of prior surveys as part of the survey preparation process has been required since 1997. Almost two-thirds of the discrepant data from this reduced data set were conducted prior to 1995, as shown in table 18. The data shown in table 18 suggest that, with time, the number of discrepant surveys should continue to decline.

Table 18. Summary of discrepant surveys by year.

	HMA	JC	CRC	Total
Before 1995	181 (60)	30 (65)	18 (78)	229 (62)
1995–1997	122 (40)	16 (35)	5 (22)	143 (38)

Percentages are shown in parentheses for each type of pavement.

CLASSIFICATION OF DISCREPANCIES

In reviewing the maps, explanations were categorized, as shown in table 19.

Table 19. Discrepancy categories.

Processing Errors (14%)	Distress Identification Concerns (21%)	Other (46%)
Entry Errors	Fatigue vs. Longitudinal WP	Undocumented Maintenance or Rehabilitation
Summarization Errors	Block vs. Trans. & Long.	Minimal Quantities of Distress
Metrication Errors	Longitudinal WP vs. NWP	Nonlinear Increase in Distress
Reviewer Errors	Patch Size	PASCO Questions

Processing Errors

Processing errors are probably the easiest to identify and resolve. There were several instances in which a typographical error was made when the data were entered into the database. These are not extremely common, but they do occur. There also were instances in which the maps were incorrectly summarized (i.e., there were errors in determining the total quantity of distress). Some math errors were identified from 1994 when the surveys were converted from English units to metric units. There were some instances for which it was later determined that the data were acceptable, contrary to the original reviewer’s concerns. The processing errors are summarized in table 20.

Table 20. Processing errors.

Processing Errors	HMA	JC	CRC	Total
Entry	11	3	1	15
Summarization	5	3	5	13
Metrication	4	1	–	5
Review	21	–	–	21
Total	41	7	6	54

Distress Identification Concerns

Distress identification is still the most likely explanation for discrepant surveys. However, some of these can be rectified (e.g., patches noted with less than one-tenth of a square meter in area). Some of the concerns, such as fatigue versus longitudinal cracking in the wheel path, would require changing old surveys to reflect newer interpretations of the DIM or overriding observations made by previous surveyors. Surveys were not changed unless an obvious error in interpretation could be documented (e.g., patch sizes). The distress identification concerns are summarized in table 21.

Table 21. Distress identification concerns.

Distress Identification Concerns	HMA	JC	CRC	Total
Fatigue vs. Longitudinal WP	58	–	–	58
Block vs. Trans. & Long.	6	–	–	6
Longitudinal WP vs. NWP	6	–	–	6
Patch Size	2	3	7	12
Total	72	3	7	82

Other Concerns

The “other” discrepancy category consisted of the largest number of discrepancies (46 percent), though some do not require resolution. Those distresses with minimal quantities and nonlinear growth rates were considered acceptable, as discussed in chapter 3. Note that the automated review was designed to recognize these as acceptable surveys, as described in chapter 4.

Some sections were identified for which a maintenance or rehabilitation activity was noted by the original reviewer but not recorded in the database, or an activity was recorded in the database but overlooked by the original reviewer. The automated review process was written to examine the data by construction event; therefore, sections in which a maintenance or rehabilitation event has occurred and was appropriately recorded in the data would not be labeled as discrepant by the automated review process.

From this more in-depth review, several PADIAS surveys were identified as causes of the discrepant label. Because PADIAS maps were not available for this review, manual surveys that indicated discrepant PADIAS surveys could not be pursued.

The remaining miscellaneous concerns are summarized in table 22.

Table 22. Miscellaneous concerns.

Miscellaneous Concerns	HMA	JC	CRC	Total
Maintenance or Rehabilitation	35	–	1	36
Minimal Quantities	51	15	4	70
Exponential Growth	22	–	–	22
PADIAS Questions	33	11	4	48
Total	141	26	9	176

SUMMARY

In summary, the critical issue is how much of the data can be included in the consolidated database if some additional review is conducted using the manual distress survey maps. Table 23 lists the discrepancies by the categories of those that can be easily addressed and those that require additional review. Note that 372 questionable surveys were identified, some of which have more than one issue requiring review.

Because this process took roughly 40 hours to complete (equating to roughly 6 minutes per discrepant survey), it would appear that the opportunity to rectify 50 percent of these discrepant surveys would warrant a comparable review in each region. The review and resolution of these discrepancies could add about 15 percent more data to the consolidated data sets.

Table 23. Resolvable discrepancies from manual surveys.

Discrepancy	Can be Resolved*	Further Review/ Discussion Required*	Total*
Processing Errors	54 (14)	– (–)	54 (14)
Distress Identification Concerns	12 (3)	70 (18)	82 (21)
Other	128 (33)	48 (12)	176 (46)
Unknown	– (–)	74 (19)	74 (19)
Totals	194 (50)	192 (50)	386 (10)

*Percentages are in parentheses.

From another perspective, the review of these data also affords the reviewers an opportunity to see the types of errors that can be made. This is an excellent opportunity to familiarize surveyors with the importance of quality assurance in conducting surveys. Inviting the surveyors to participate in this review process allows them to see mistakes commonly made and their effect on the database.

CHAPTER 6. CONCLUSIONS AND RECOMMENDATIONS

Distress data have been collected for more than 10 years through the LTPP project. Sufficient data now are available to begin examining trends in pavement performance. Prior to any rigorous analysis of the LTPP data, however, there is a need to assess the quality of the data. Therefore, the primary objective of this effort was to produce a comprehensive consolidated distress data set to reconcile differences between data collected using different methodologies. Although as many as 15 distinct distresses are included in the DIM for each pavement type, the analysis reported herein focused on the most commonly occurring distresses shown in table 24.

Table 24. Most commonly occurring distresses for various pavement types.

HMA	JC	CRC
Fatigue Cracking	Corner Breaks	Longitudinal Cracking
Longitudinal Cracking	Longitudinal Cracking	Transverse Cracking
Transverse Cracking	Transverse Cracking	Patch/Patch Deterioration
Patch/Patch Deterioration	Patch/Patch Deterioration	Punchouts
Block Cracking		

CONCLUSIONS

The following conclusions are noteworthy:

- Based on a thorough review of the LTPP database (release 8.6, October 1998), the authors concluded that two-thirds of the condition survey data are in good shape (i.e., are suitable for inclusion in the consolidated data set and hence, more rigorous analysis).
- The remaining one-third of the condition survey data was problematic in that there were discrepancies within and between data sets. These survey data will require reevaluation and correction prior to inclusion in the consolidated data set.
- These discrepancies were categorized into five groups, as shown in table 25.

Table 25. Categorization of discrepant surveys.

Human Error	Seasonal Effects	Data Collection Methodology	Evaluation Strategies	Unknown
17 percent	0 percent	6 percent	36 percent	41 percent
<ul style="list-style-type: none"> • Distress definition • Summarization 	<ul style="list-style-type: none"> • Thermal effects on crack width • Visibility of distress due to surface moisture 	<ul style="list-style-type: none"> • Manual vs. automated • Color, contrast, and depth perception • Resolution (e.g., hairline cracking) 	<ul style="list-style-type: none"> • Nonlinear increase in distress • Insufficient quantities of distress • Undocumented M&R* 	

*M&R = maintenance and rehabilitation

- Discrepant survey data categorized as human error were both quantitative and qualitative in nature. Computational errors occurred in compiling numerical data such as total number of cracks or area of patches. Due to the subjective nature of evaluating visual distress, many surveys were labeled discrepant because of problems in differentiating between the following:
 - Fatigue cracking and longitudinal cracking in the wheel path.
 - Wheel path longitudinal cracking and non-wheel path longitudinal cracking.
 - Block cracking and longitudinal and transverse cracking.
- Although some discrepant survey data were attributed initially to seasonal effects, that classification could not be confirmed as part of this review process.
- Overall, the condition survey results were found to be independent of data collection methodology: manual and automated (PASCO with PADIAS 1.x and 4.2 software) distress surveys yielded similar results. However, it should be noted that the PADIAS 1.x software used to reduce the pre-1993 distress data did not distinguish between non-wheel path and wheel path longitudinal cracking. Unless these pre-1993 data are re-assessed to determine the quantity of non-wheel path versus wheel path longitudinal cracking, there is some error in the database.
- Evaluation strategies or erroneous assumptions made at the onset of this analysis accounted for approximately 36 percent of the discrepant data. These included the following:
 - Statistical analyses that did not account for the baseline measurement of distress in establishing variability measurements (i.e., standard deviation and variance).
 - Statistical analyses that did not account for nonlinear increase in distress with time.
 - Identification of maintenance and rehabilitation activities.

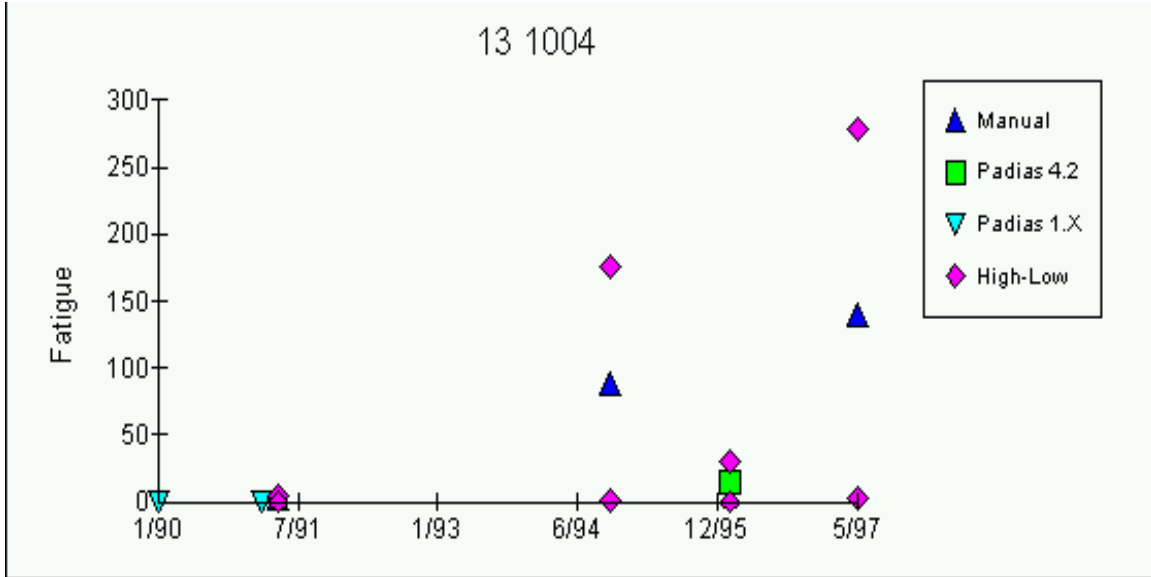
- Approximately 41 percent of the questionable survey data remain unclassified in terms of problem source.
- Some subjectivity can be eliminated in the preliminary data QC process by automating the process.

RECOMMENDATIONS

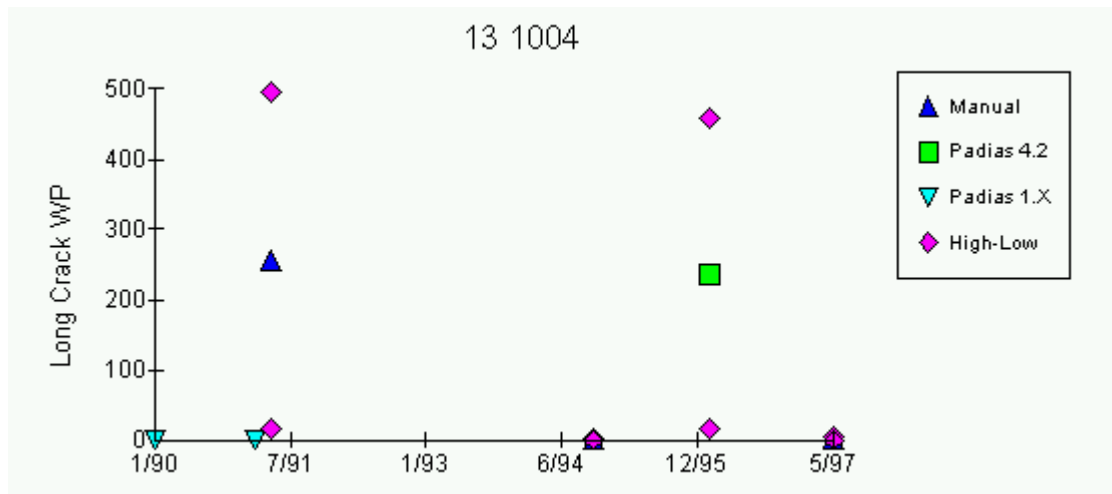
In view of the preceding conclusions, the authors offer the following recommendations:

- Three data tables, one each for HMA, JC, and CRC pavements, should be added to the LTPP database. These tables would house the data that pass the QC process.
- FHWA is encouraged to use the QC software to expedite the preliminary data analysis process.
- The nearly one-third of the distress data that were deemed discrepant should be reevaluated using the maps created in the survey process.

APPENDIX A. ILLUSTRATION OF VARIOUS DISCREPANCIES

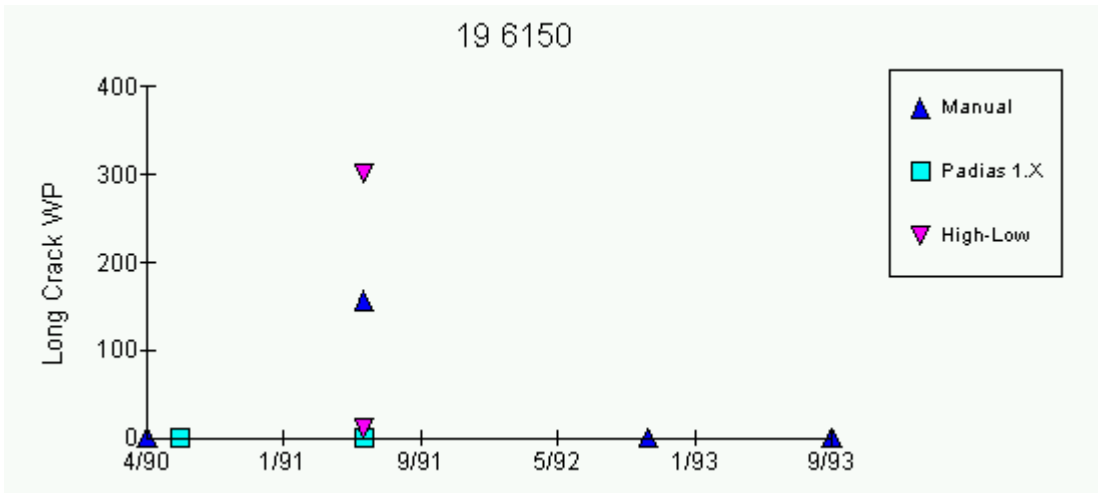


a. Fatigue discrepancy noted in survey of January 1996.

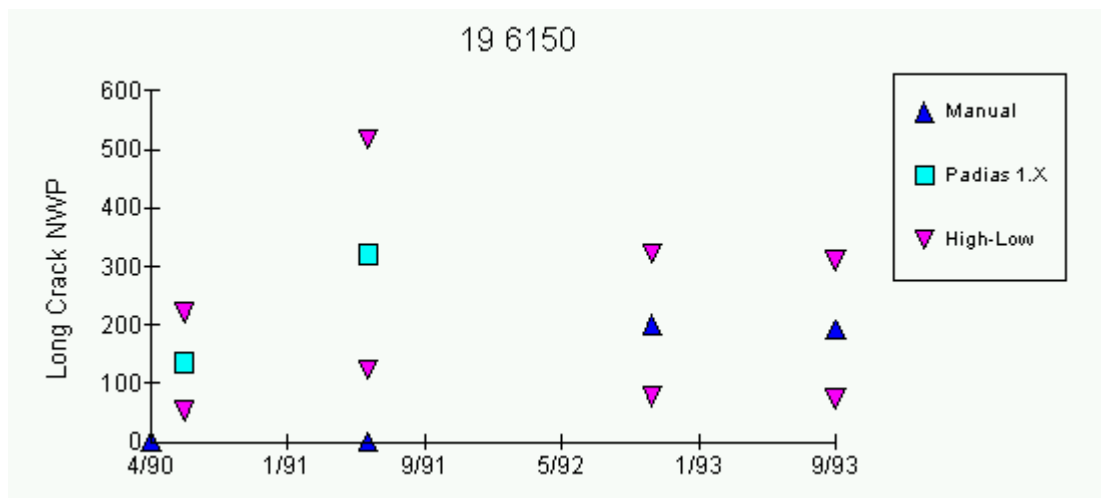


b. Discrepancies for longitudinal cracking in the wheel path noted in surveys of August 1991 and January 1996.

Figure 5. Offsetting discrepancies between fatigue and longitudinal cracking noted on survey of January 1996.

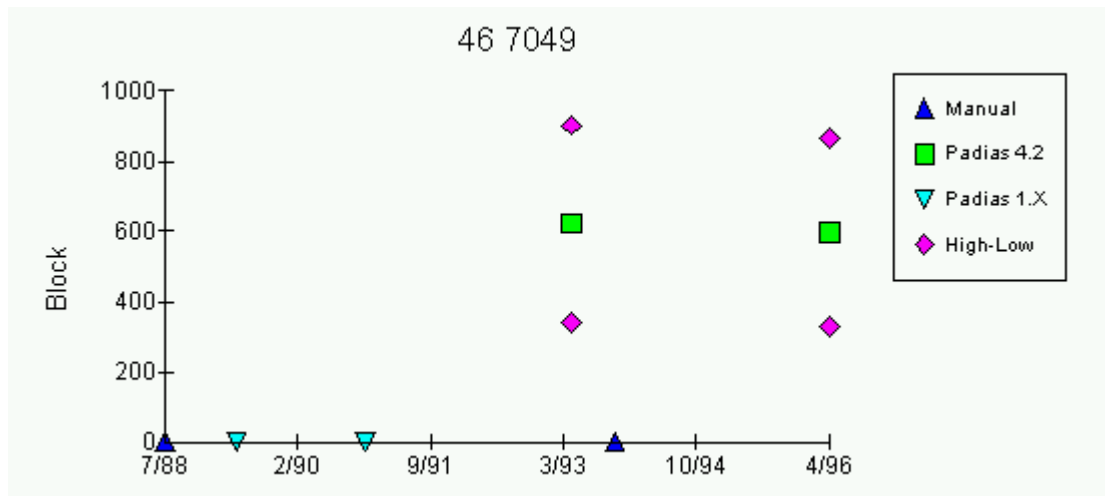


a. Discrepancy in longitudinal cracking in the wheel path noted in May 1991 survey.

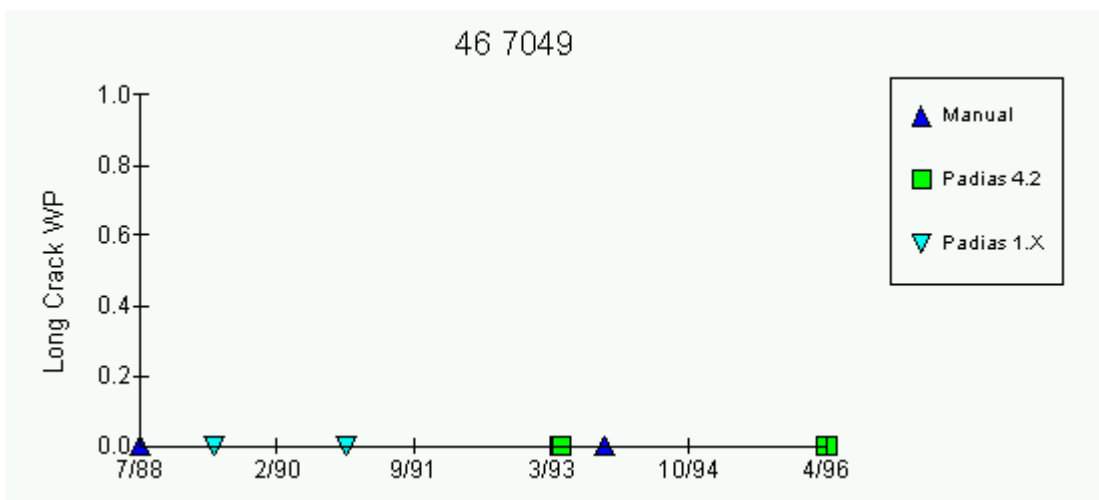


b. Discrepancy in non-wheel path longitudinal cracking noted in May 1991 survey.

Figure 6. Illustration of offsetting discrepancies in longitudinal cracking caused by lack of distinction between wheel path and non-wheel path cracking.

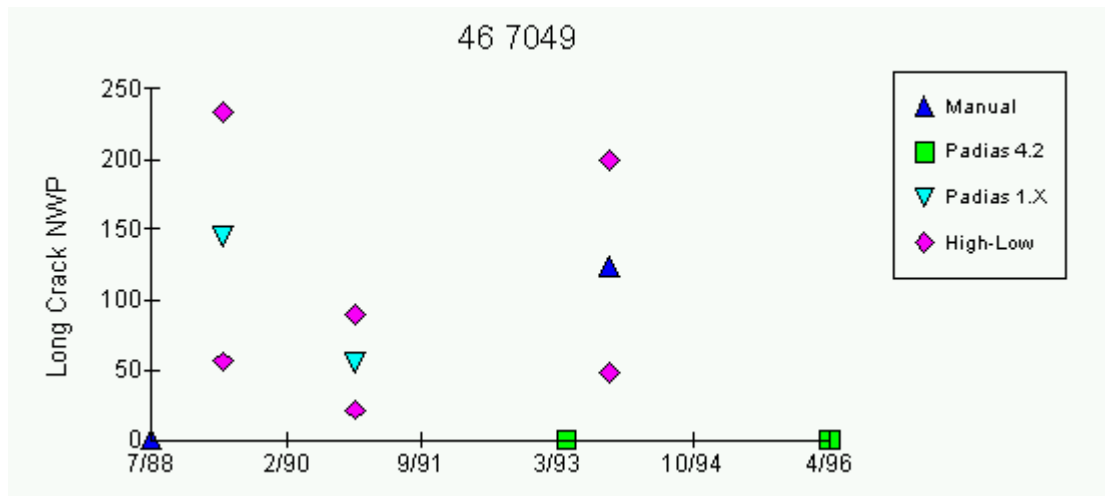


a. Discrepancies noted in block cracking in surveys of March 1993 and April 1996.

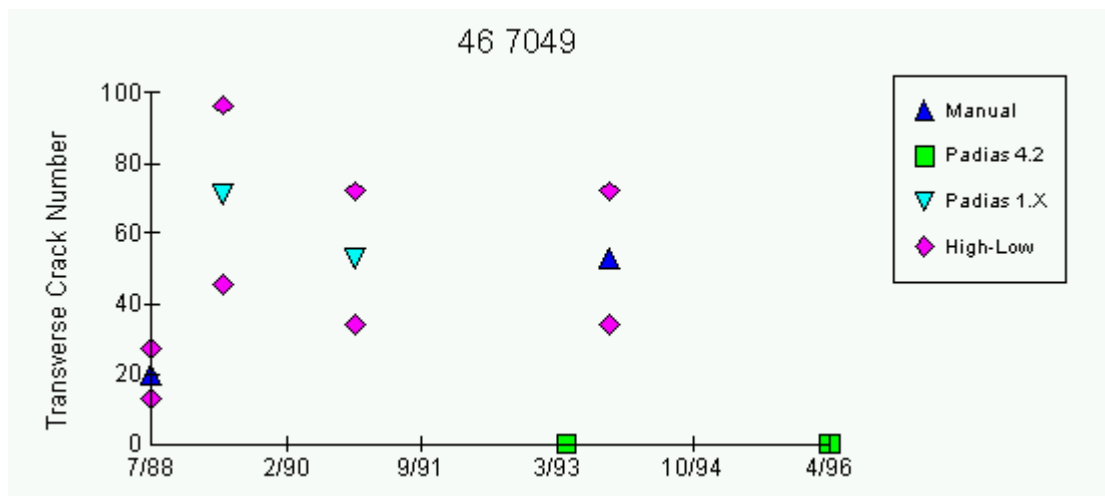


b. No discrepancies noted in longitudinal cracking in the wheel path.

Figure 7. Illustration of discrepancy caused by lack of distinction between block cracking and transverse and longitudinal cracking.

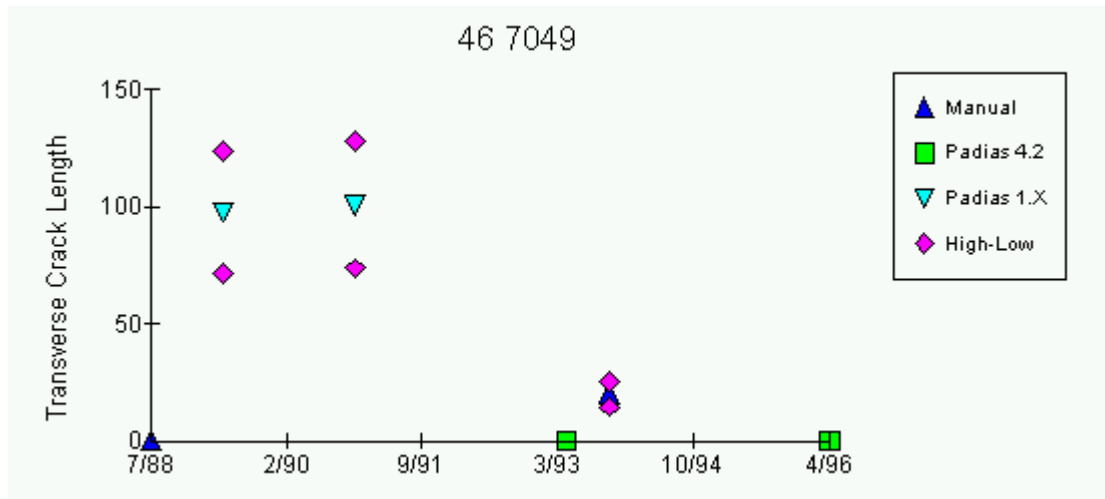


c. Discrepancies noted in non-wheel path longitudinal cracking noted on August 1989, March 1993, and April 1996.



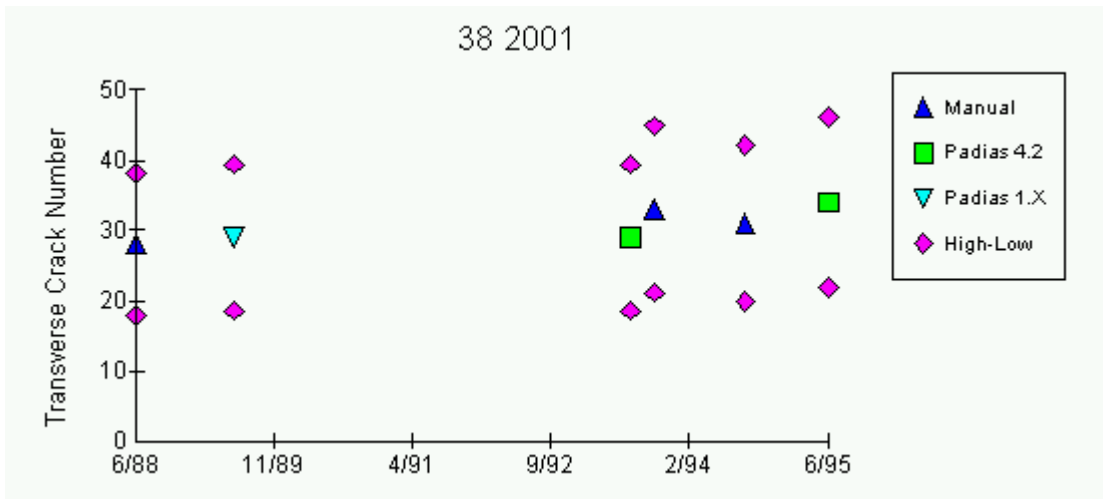
d. Discrepancies noted in number of transverse cracks noted on August 1989, March 1993, and April 1996.

Figure 7, cont. Illustration of discrepancy caused by lack of distinction between block cracking and transverse and longitudinal cracking.

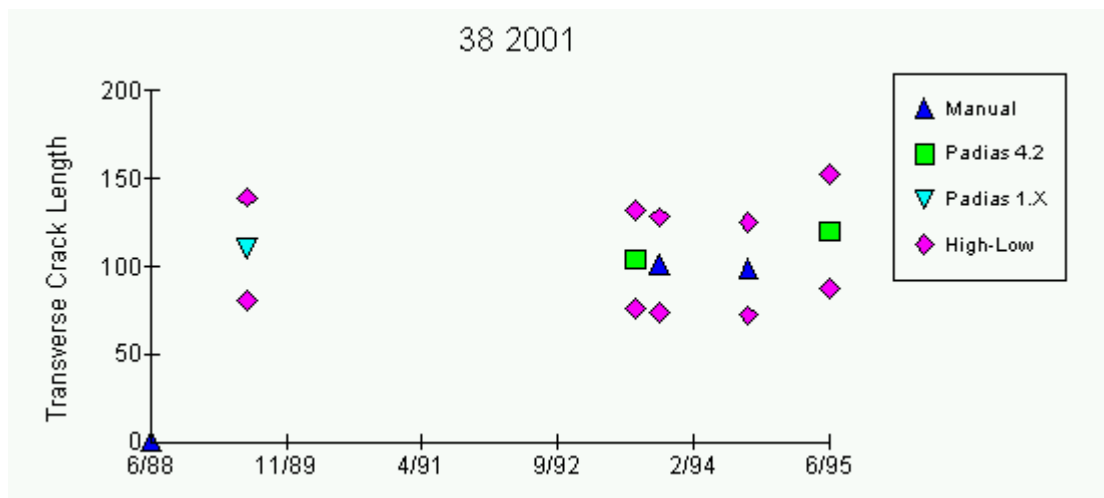


e. Discrepancies noted in length of transverse cracking.

Figure 7, cont. Illustration of discrepancy caused by lack of distinction between block cracking and transverse and longitudinal cracking.

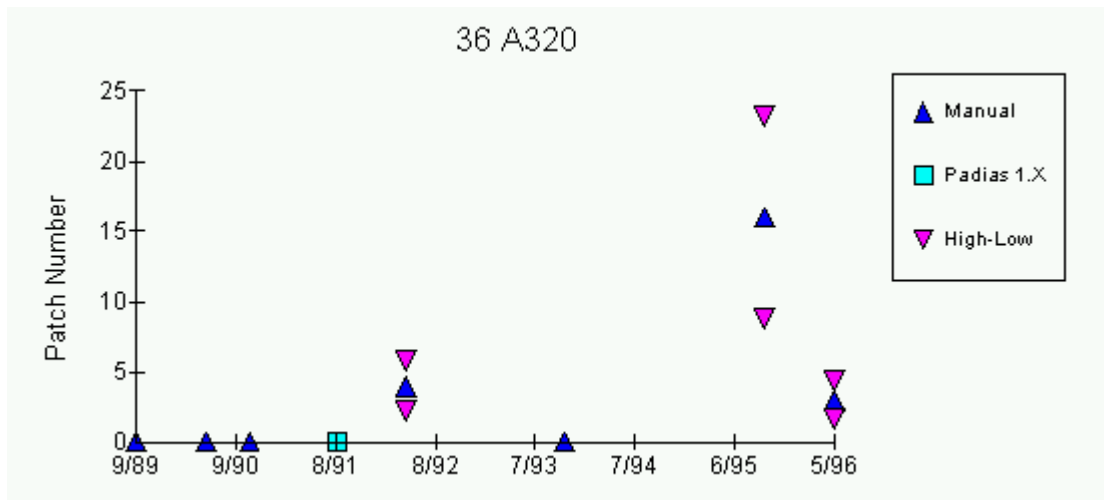


a. No discrepancy noted in number of transverse cracks.

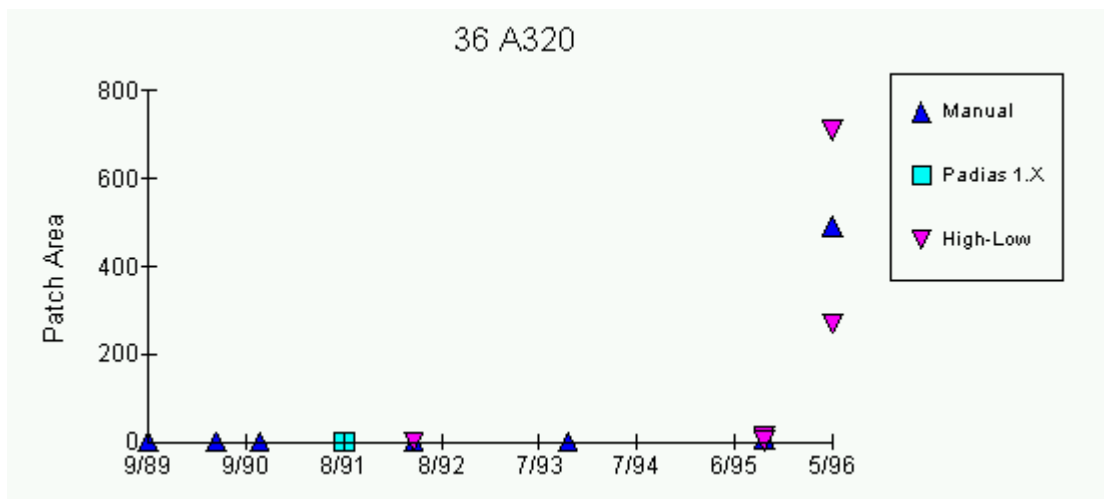


b. Discrepancy in length of transverse cracks in survey of June 1988.

Figure 8. Illustration of discrepancy in length of transverse cracks caused by a summarization error.

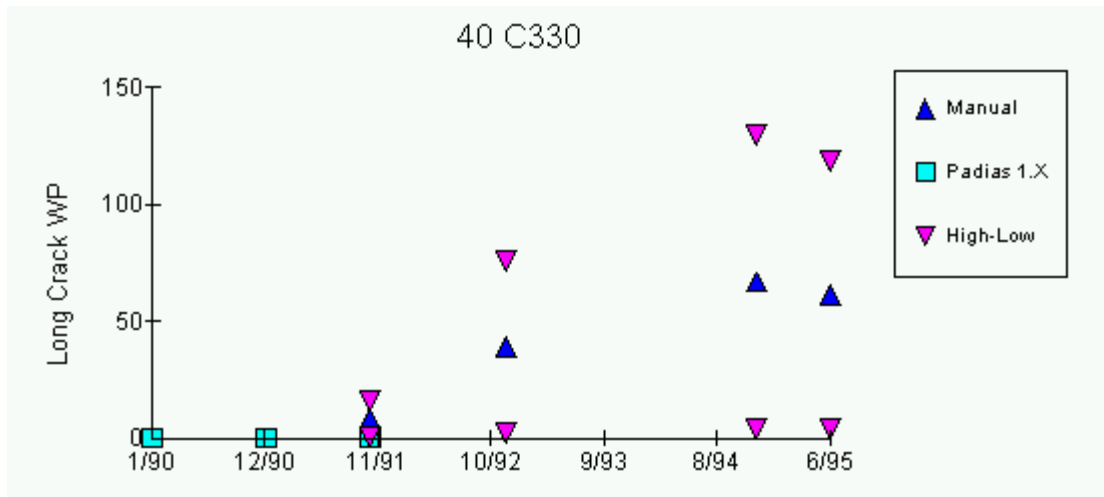


a. Discrepancies in number of patches noted in surveys of September 1993 and May 1996.

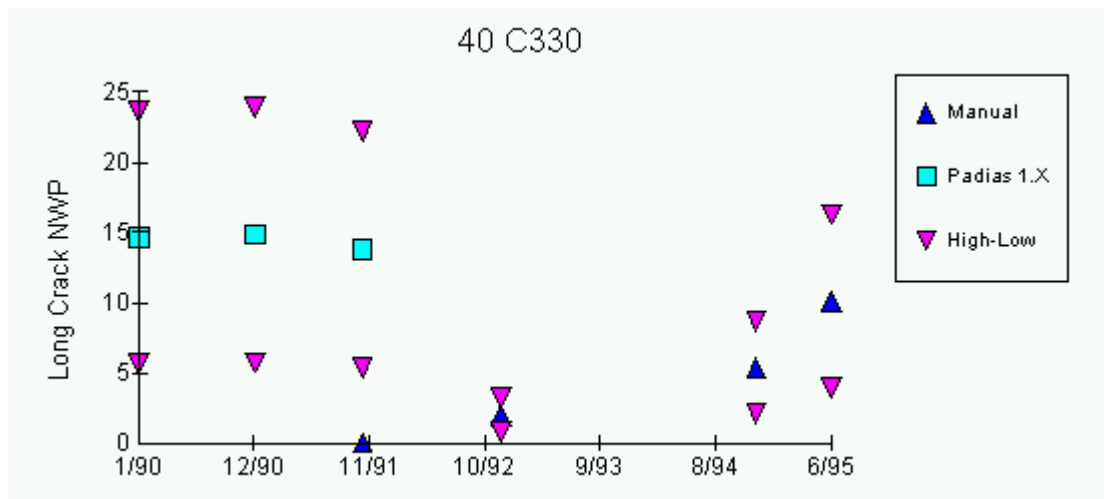


b. Patch area in survey of May 1996 greater than 15 percent of total surface area of section.

Figure 9. Illustration of discrepancy in area of patching caused by summarization error.



a. Discrepancy noted in longitudinal cracking in the wheel path in the PADIAS 1.x survey of November 1991.



b. Discrepancies noted in non-wheel path longitudinal cracking for all PADIAS 1.x surveys.

Figure 10. Illustration of discrepancy caused by lack of distinction between wheel path and non-wheel path longitudinal cracking in PADIAS 1.x data.

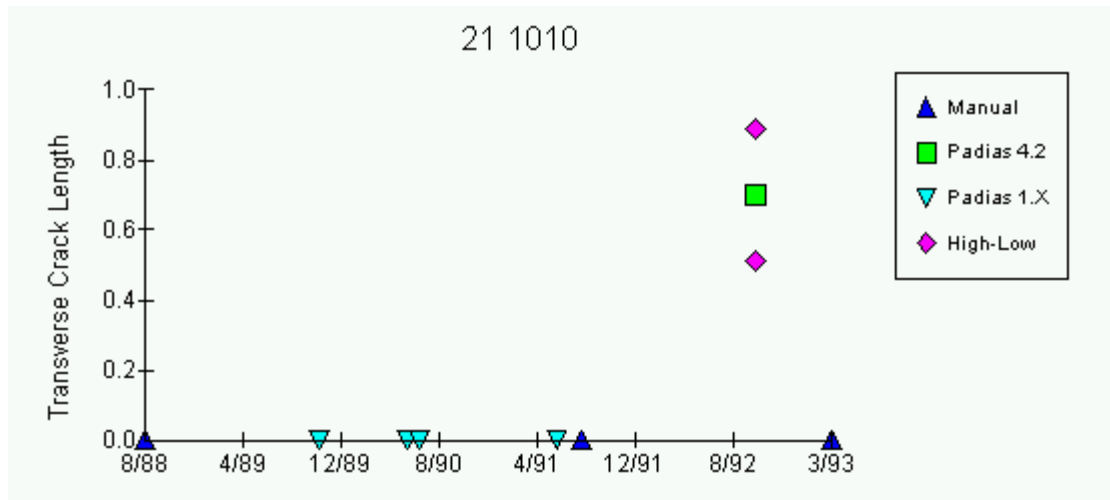


Figure 11. Illustration of discrepancy caused by insufficient quantities of distress on an asphalt-surfaced section.

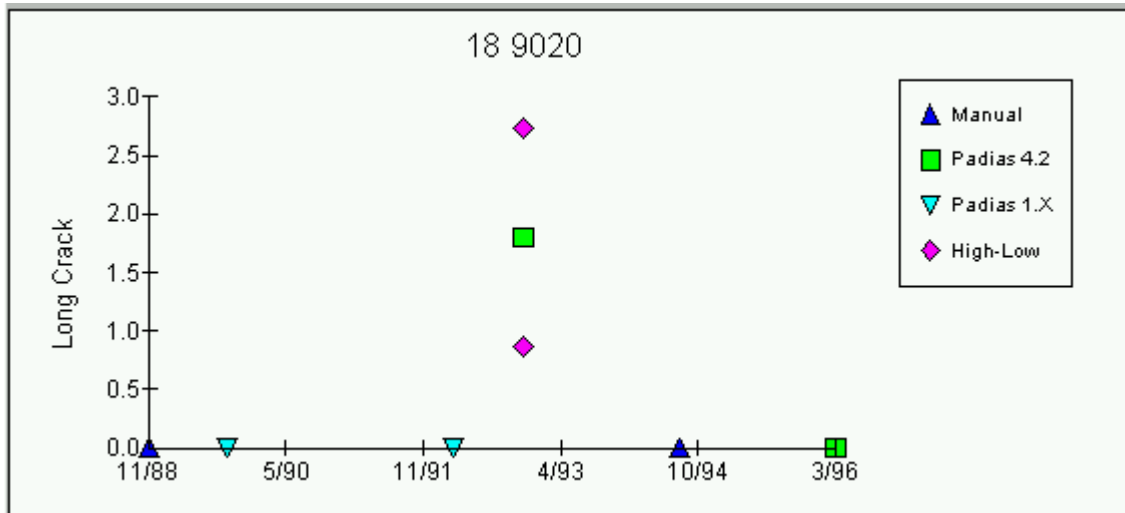


Figure 12. Illustration of discrepancy caused by insufficient quantities of distress on a jointed concrete-surfaced section.

**LONGITUDINAL CRACK TOTAL LENGTH
485154**

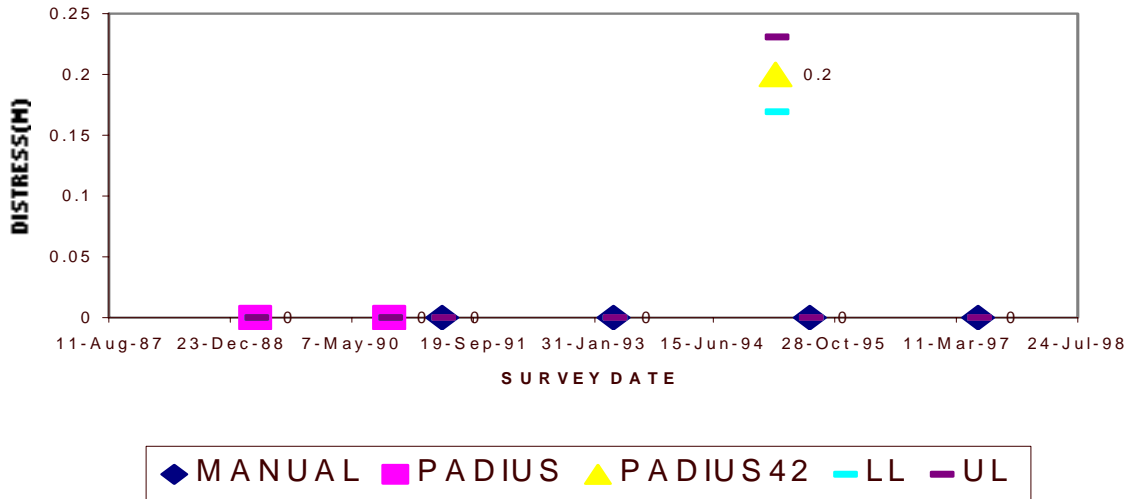


Figure 13. Illustration of discrepancy caused by insufficient quantities of distress on a continuously reinforced concrete-surfaced section.

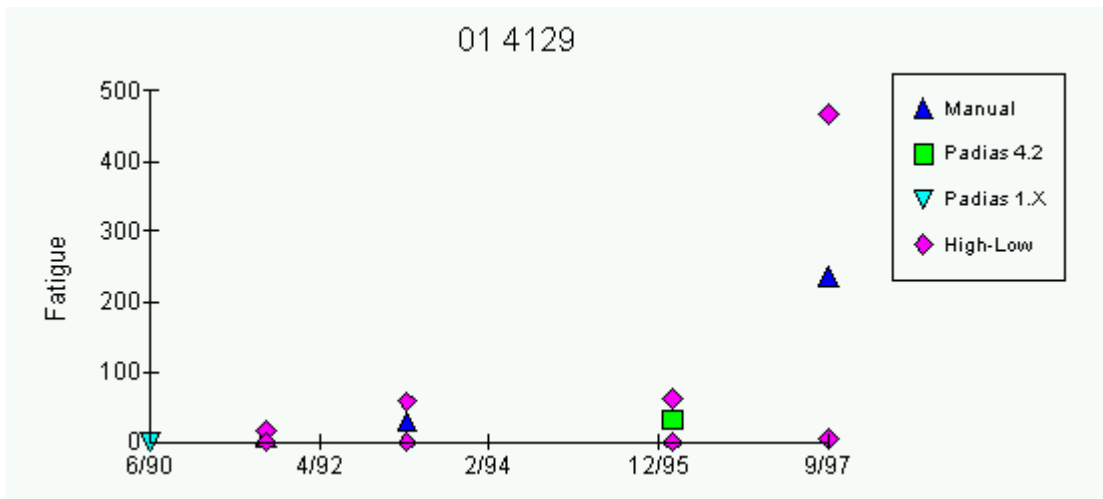
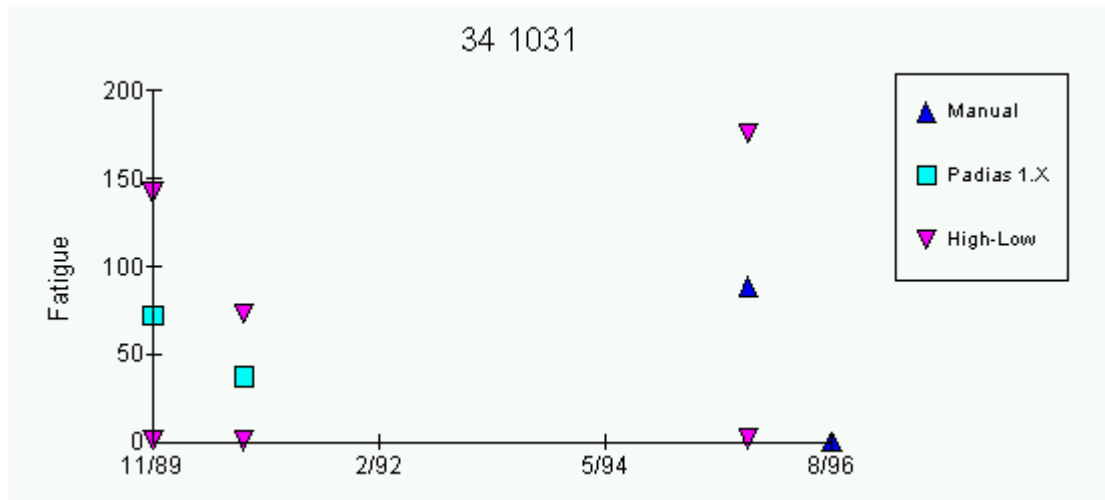
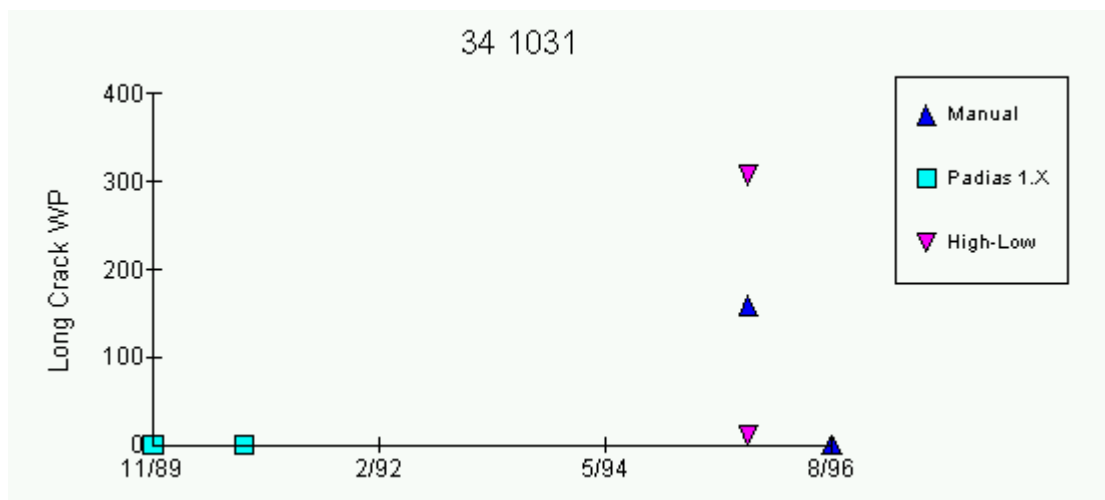


Figure 14. Illustration of discrepancy caused by an exponential growth rate.

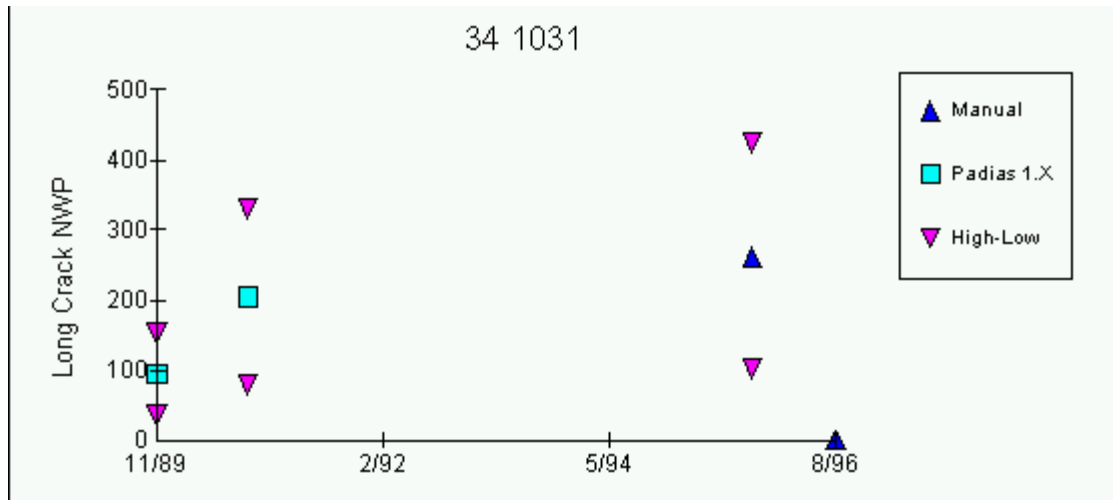


a. Discrepancy noted in fatigue cracking in survey of August 1996.

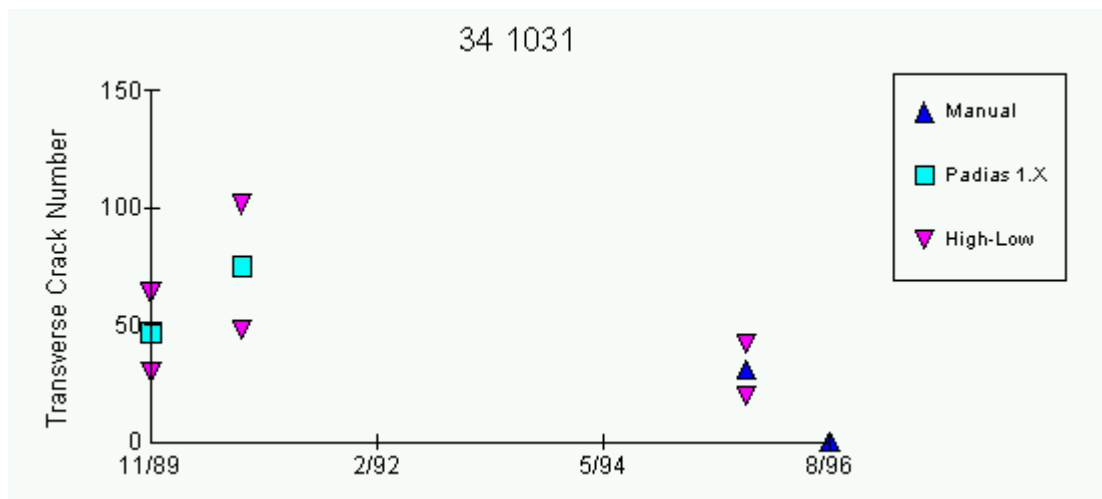


b. Discrepancy noted in longitudinal cracking in the wheel path in the survey of August 1996.

Figure 15. Illustration of discrepancy caused by an undocumented maintenance or rehabilitation event.

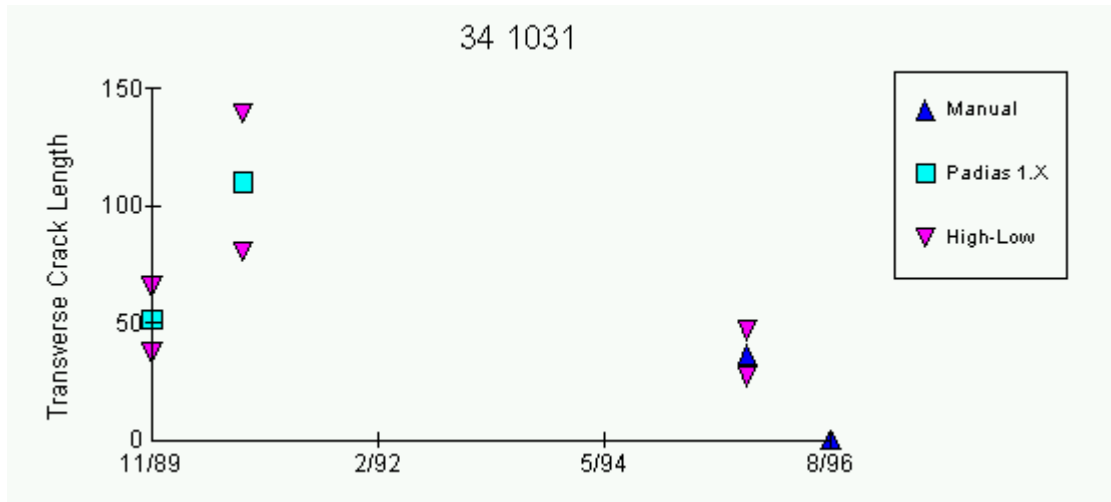


c. Discrepancy noted in non-wheel path longitudinal cracking in survey of August 1996.

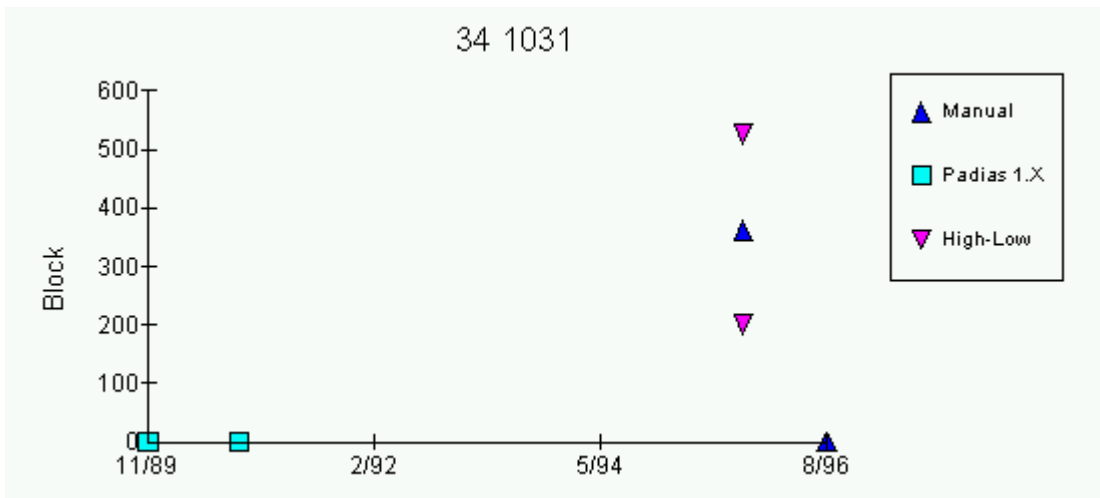


d. Discrepancies noted in number of transverse cracks in surveys of October 1995 and August 1996.

Figure 15, cont. Illustration of discrepancy caused by an undocumented maintenance or rehabilitation event.



e. Discrepancies noted in length of transverse cracks in surveys of October 1995 and August 1996.



f. Discrepancy noted in block cracking in survey of August 1996.

Figure 15, cont. Illustration of discrepancy caused by an undocumented maintenance or rehabilitation event.

APPENDIX B. DISTRESS QC USER'S GUIDE

INSTRUCTIONS

The CD-ROM contains three programs. The QC program is provided for each surface type— asphalt, jointed concrete, and continuously reinforced concrete. These programs will examine the time-series trend of all of the distress data for a given section.

SETUP

The system requirements for running this software are:

- 486DX-based PC or better
- 16 MB RAM
- 20 MB hard drive space
- WIN 9X or NT

Each setup program occupies a unique directory. The AC directory contains the setup for the DisQCAC program that examines the asphalt surface sections, the JC directory contains the setup for the DisQCJC program that examines the jointed concrete sections, and the CRC directory contains the setup for the DisQCCRC program that examines the continuously reinforced concrete sections.

The setup procedure is the same for all three programs. Select the directory corresponding to the program to be installed. Under that directory run SETUP.EXE. The setup program will prompt the user for the drive and directory to which the program is to be installed. Each of the three programs may be installed in the same directory. The program will automatically create icons under Programs in the Start menu.

RUNNING THE PROGRAM

For the program to run properly, it will be necessary to perform a data extraction of the distress data from the RIMS. The extraction will need to consist of the MON_DIS_AC_REV, MON_DIS_PADIAS_AC, and MON_DIS_PADIAS42_AC (file extensions M10, M15, and M27 respectively) for the AC program. Extractions of tables MON_DIS_CRCP_REV, MON_DIS_PADIAS_CRC, and MON_DIS_PADIAS42_CRCP (file extensions M11, M16, and M28, respectively) are required for the CRC program. Extractions of tables MON_DIS_JPCC_REV, MON_DIS_PADIAS_JC, and MON_DIS_PADIAS42_JPCC (file extensions M08, M17, and M29, respectively) will be required for the JC program. The data extraction should use a fixed-width file format.

The output files are all named *PASS_surface type.DAT* and *NOTPASS_surface type.DAT*. For example, the outfiles are named *PASS_AC.DAT* and *NOTPASS_AC.DAT* for the asphalt-surfaced sections.

Start the program from the Start menu. The program will warn you that you need to select the location of the input data. This location is where the output data also is stored.

Several buttons and boxes will appear on the user interface. The top right button titled “●●●” is to be used for selecting the location of the input data files. Click on the “●●●” button and the interface will then allow you to select the drive and directory where the input data are stored. To select the desired drive and directory, it is necessary to click on a file contained within that directory.

At the bottom of the user interface is the “Process” button. This will initiate processing of the distress data. The first time the program is run, the software will have to combine the three data extraction files and then sort them by State code, SHRP ID, and survey date. This process will take a little time.

The process of sorting will not be required every time the program is run. The program will look for a file called S.DAT. If that file already exists, it will not reprocess the data files. If the user wishes to run the program from the beginning with a new data extraction file, the user needs to delete the following files from the data input directory: D.DAT, S.DAT and S2.DAT (if S2.DAT exists).

After the program has sorted the data, it begins checking each of the selected distresses with a unique State code, SHRP ID, and construction number. The first step of the software check process is a linear regression. It then determines if the predicted values from the regression fall within three COVs of the actual data point (explained in chapter 2). The distresses and COVs used are shown in table 5. The COV is multiplied by the measured distress. This value is the standard deviation used for the quantity of the distress. The standard deviation is multiplied by three, then added to and subtracted from the mean. If the regression line falls within that range, then that data point passes. If all of the data points pass this check, the distress for that unique State code, SHRP ID, and construction number are written to a file called PASS*.DAT, where * is the surface type.

If one survey date fails this check, then a series of other checks are completed. The first of these examines the maximum recorded value of that distress. If that value is less than 5 lineal meters of distress, less than 2 m² of area distress, or less than 2 for a distress that is counted such as number of cracks, then that distress is considered minimal. In this case, the distress is placed in the PASS*.DAT file.

Next, the software checks to determine if the amount of distress increases with each consecutive survey date. It is anticipated that the distress will increase and fall along a straight line. If it is increasing, but not linearly, the distress is said to be increasing exponentially. This distress for a unique State code, SHRP ID, and construction number are written to the PASS*.DAT file.

If only the first or the last points fall outside the limits, then the software checks determine which side of the line these points fall on. If the first data point falls below the regression line or the last data point falls above the regression line, then the distress data for that unique State code, SHRP ID, and construction number are written to the PASS*.DAT file.

Any data set that fails all of these checks is considered discrepant and will be written to the NOTPASS*.DAT file. The program will attempt to determine why the discrepancy has occurred.

In the review of the distress, the most common identifiable discrepancies were differences in the classification of the distress between surveys. The program checks for: a) offsetting discrepancies between fatigue and longitudinal cracking in the wheel path, b) offsetting discrepancies between block cracking and transverse and longitudinal cracking, and c) offsetting discrepancies between longitudinal cracking in the wheel path and non-wheel path longitudinal cracking. In these cases, an offsetting discrepancy indicates that the actual data point lies above the regression line for one distress, and for the same survey the observation for the other distress lies below the regression line. These surveys will have comments identifying these potential causes in the NOTPASS*.DAT file.

If the cause of the discrepancy is unidentifiable, then the message "Error Undeterminable" is written to the NOTPASS*.DAT file along with the State code, SHRP ID, and construction number. For that section and distress, none of the data will be included in the PASS*.DAT file.

Two other checks are performed on data. These checks concern only transverse cracking and patching. The average length of transverse cracks is determined by dividing the total length of transverse cracking by the number of transverse cracks. If the average crack length is less than 0.3 meters (m) or longer than 3.7 m, then the survey is recorded in the NOTPASS*.DAT file.

The patching area is divided by the number of patches. The average patch size is checked to ensure that it is larger than 0.1 m^2 and smaller than 90 m^2 . Just as with the transverse cracking, that distress for that survey is written to the NOTPASS*.DAT file along with an "Apparent Summarization Error" message. That distress for that survey is kept out of the PASS*.DAT file.

The only time a single survey will be recorded as discrepant is when that survey represents less than 20 percent of the data for a given section. In this case, none of the data for a particular distress on the section of interest will be written to the PASS*.DAT file. However, the single discrepant survey will be included in the NOTPASS*.DAT file. When this bad data set is verified, it can be excluded from future reviews (as noted below) and the good data sets will then be added to PASS*.DAT.

If only one data point is available for a given construction event on a section, then that survey is automatically passed to the PASS*.DAT file.

In the event that only two surveys are present, then the slope of the line connecting those two points is checked. If the slope is positive, then the data are written to the PASS*.DAT file. If the slope is negative, then the data are still written to the PASS*.DAT file and also to the NOTPASS*.DAT file with a message stating that only two points existed and that it had a negative slope.

When the data are completely processed, the user will need to review and revise any errors that have occurred, if possible.

Some of these discrepancies may be irreparable. A distress survey may be identified as errant, but irreparable. In this instance, the user may wish to keep a particular survey from being included in future reviews.

The boxes on the left side of the user interface allow the user to enter a section, survey date, and distress to exclude from the review. To complete the process, the user must click on the exclude button at the bottom left side of the window. The print button will allow the user to print a list of section IDs, survey dates, and distresses that were previously excluded.

If the user is able to reconcile some of the discrepancies that were previously considered irreparable, it is possible to delete one of the distresses that was excluded. The section ID, survey date, and distress should be entered in the boxes on the right side of the interface. To complete the process, press the delete button on the bottom right side of the interface. This will delete a distress for a given section from the list of distresses that are being excluded from review.

APPENDIX C. HMA CONSOLIDATED DATA SET

St	SHRP	Survey	Type	Gator	Block	Long WP	Long NWP	Trans N	Trans L	Patch N	Patch A
01	0101	25-AUG-94ac_rev		0	0	0		0	0	0	0
01	0101	08-FEB-95ac_rev		0	0	0		0	0	0	0
01	0101	26-JUL-95ac_rev		0	0	0		0	0	0	0
01	0101	10-JAN-96pad42_ac		0.4	0	0.7		1	1.6	0	0
01	0101	16-APR-96ac_rev		0.6	0	4.5		0	0	0	0
01	0101	10-OCT-96ac_rev		1.2	0	4.5		0	0	0	0
01	0101	30-OCT-97ac_rev		0	0			0	0	0	0
01	0101	25-APR-98ac_rev		0	0	66.7		0	0	0	0
01	0102	25-AUG-94ac_rev			0			0	0	0	0
01	0102	08-FEB-95ac_rev			0			0	0	0	0
01	0102	27-JUL-95ac_rev			0			0	0	0	0
01	0102	10-JAN-96pad42_ac			0			0	0	0	0
01	0102	17-APR-96ac_rev			0			0	0	0	0
01	0102	11-OCT-96ac_rev			0			0	0	0	0
01	0102	30-OCT-97ac_rev			0			0	0	0	0
01	0103	25-AUG-94ac_rev		0	0	0		0	0	0	0
01	0103	08-FEB-95ac_rev		0	0	0		0	0	0	0
01	0103	10-JAN-96pad42_ac		0	0	0		4	3.1	0	0
01	0103	19-APR-96ac_rev		0	0	0		0	0	0	0
01	0104	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0104	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0104	10-JAN-96pad42_ac		0	0	0	0	0	0	0	0
01	0104	19-APR-96ac_rev		0	0	0	0	0	0	0	0
01	0105	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0105	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0105	10-JAN-96pad42_ac		0	0	0	0	0	0	0	0
01	0105	19-APR-96ac_rev		21.9	0	37.4		0	0	0	0
01	0106	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0106	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0106	10-JAN-96pad42_ac		0	0	0	0	0	0	0	0
01	0106	19-APR-96ac_rev		0	0	0	0	0	0	0	0
01	0107	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0107	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0107	10-JAN-96pad42_ac		0	0	0	0	0	0	0	0
01	0107	18-APR-96ac_rev		29.5	0	20.4	0	0	0	0	0
01	0108	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0108	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0108	10-JAN-96pad42_ac		0	0	0	2.1	4	2.2	0	0
01	0108	18-APR-96ac_rev		13.7	0	35.5	0	0	0	0	0
01	0109	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0109	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0109	10-JAN-96pad42_ac		0	0	0	0	1	1.2	0	0
01	0109	18-APR-96ac_rev		4.6	0	24.6	0	0	0	0	0
01	0110	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0110	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0110	10-JAN-96pad42_ac		0	0	0.3	0.4	4	2.9	0	0
01	0110	18-APR-96ac_rev		0	0	28.1	0	0	0	0	0
01	0111	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0111	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0111	10-JAN-96pad42_ac		0	0	0.9	0	0	0	0	0
01	0111	18-APR-96ac_rev		0	0	5.5	0	0	0	0	0
01	0112	25-AUG-94ac_rev		0	0	0	0	0	0	0	0
01	0112	08-FEB-95ac_rev		0	0	0	0	0	0	0	0
01	0112	10-JAN-96pad42_ac		0	0	0	0	0	0	0	0
01	0112	18-APR-96ac_rev		0	0	0	0	0	0	0	0
01	0502	18-SEP-91ac_rev		30.5	0	0	0	0	0	0	0
01	0502	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0502	98-01-30 ac_rev		53.8	0	4.6	0	7	5.9	0	0
01	0503	18-SEP-91ac_rev		30.5	0	0	0	0	0	0	0
01	0503	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0503	98-01-30 ac_rev		0	0	0	0	0	0	0	0
01	0504	18-SEP-91ac_rev		2.3	0	0	0	0	0	0	0
01	0504	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0504	98-01-29 ac_rev		0	0	0	0	0	0	0	0
01	0505	18-SEP-91ac_rev		30.5	0	0	0	0	0	0	0
01	0505	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0505	98-01-30 ac_rev		25.3	0	25.3	0	5	4.1	0	0
01	0506	18-SEP-91ac_rev		12.8	0	0	0	0	0	0	0
01	0506	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0506	98-01-29 ac_rev		0	0	0	0	0	0	0	0
01	0507	18-SEP-91ac_rev		30.4	0	0	0	0	0	0	0
01	0507	95-07-20 ac_rev		0	0	0	0	0	0	0	0
01	0507	98-01-29 ac_rev		0	0	3.6	0	0	0	0	0
01	0508	18-SEP-91ac_rev		30.5	0	0	0	0	0	0	0
01	0508	95-07-20 ac_rev		0	0	10	0	1	0.6	0	0
01	0508	98-01-28 ac_rev		39.5	0	8.5	0	0	0	0	0
01	0509	18-SEP-91ac_rev		24.6	0	0	0	0	0	21	10

01	0509	95-07-20	ac_rev	0	0	0	0	0	0	0	0	0
01	0509	98-01-28	ac_rev	10.2	0	5.2	0	0	0	0	0	0
01	1001	05-APR-89	pad_ac	0	0	0	0	0	0	0	0	0
01	1001	12-FEB-91	pad_ac	0	0	0	0	0	0	0	0	0
01	1001	20-SEP-91	ac_rev	0.7	0	0	0	0	0	0	0	0
01	1001	24-JUL-92	ac_rev	1.2	0	4.3	1	0.3	0	0	0	0
01	1001	15-JAN-93	ac_rev	4.2	0	9	8	3.1	0	0	0	0
01	1001	96-01-09	pad42_ac	0	0	0	1.3	0	0	0	0	0
01	1001	97-02-28	ac_rev	10.9	0	19.2	0.7	0	0	0	0	0
01	1011	10-JAN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	1011	07-MAY-91	pad_ac	0	0	0	0	0	0	0	0	0
01	1011	30-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	1011	09-DEC-95	pad42_ac	0	0	0	0	1	0.1	0	0	0
01	1011	04-DEC-97	ac_rev	0	0	0	0	5	2.6	0	0	0
01	1019	15-MAY-89	pad_ac	0	0	0	0	0	0	0	0	0
01	1019	16-APR-90	pad_ac	0	0	0	0	0	0	0	0	0
01	1019	15-JAN-91	pad_ac	0	0	0	0	0	0	0	0	0
01	1019	19-JUN-91	ac_rev	0	0	0	0	0	0	0	0	0
01	1019	31-MAR-92	pad_ac	0	0	0	0	0	0	0	0	0
01	1019	29-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	1019	22-JUL-95	ac_rev	0	0	0	0	0	0	0	0	0
01	1019	08-JAN-96	pad42_ac	0	0	0	0	0	0	0	0	0
01	1019	23-JAN-98	ac_rev	0	0	0	0	0	0	0	0	0
01	1021	05-APR-89	pad_ac	0	0	0	0	0	0	0	0	0
01	1021	12-FEB-91	pad_ac	0	0	0	0	0	0	0	0	0
01	1021	21-JUN-91	ac_rev	0	0	0	0	0	0	0	0	0
01	1021	02-APR-93	ac_rev	0	0	4.6	0	0	0	0	0	0
01	1021	09-JAN-96	pad42_ac	0	0	30.8	0	0	0	0	0	0
01	1021	20-JAN-98	ac_rev	0	0	99.1	0	0	0	0	0	0
01	3998	15-JUL-92	ac_rev	0	0	0	0	0	0	0	0	0
01	3998	29-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	3998	04-JAN-96	pad42_ac	0	0	0	0	1	3.7	0	0	0
01	3998	03-DEC-97	ac_rev	0	0	0	39	0	0	0	0	0
01	4073	10-JAN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	4073	03-MAR-91	pad_ac	0	0	0	0	0	0	0	0	0
01	4073	30-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	4073	02-DEC-95	pad42_ac	0	0	0	0	0	0	0	0	0
01	4073	05-DEC-97	ac_rev	491.2	0	0	0	4	1.1	0	0	0
01	4125	08-JUN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	4125	11-DEC-90	ac_rev	0	0	0	0	0	0	0	0	0
01	4125	12-FEB-91	pad_ac	0	0	0	0	0	0	0	0	0
01	4125	21-JUN-91	ac_rev	0	0	0	0	0	0	0	0	0
01	4125	02-APR-92	pad_ac	0	0	0	0	1	0.19230929	0	0	0
01	4125	24-AUG-94	ac_rev	0	0	0	0	0	0	0	0	0
01	4125	16-AUG-95	ac_rev	0	0	0	0	0	0	0	0	0
01	4125	09-JAN-96	pad42_ac	0	0	0	0	0	0	0	0	0
01	4125	21-JAN-98	ac_rev	0	0	0	0	0	0	0	0	0
01	4126	05-JUN-89	pad_ac	0	0	0	0	0	0	0	0	0
01	4126	03-MAR-91	pad_ac	0	0	0	0	0	0	0	0	0
01	4126	30-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	4126	11-DEC-95	pad42_ac	2.6	0	0	0	0	0	0	0	0
01	4126	05-DEC-97	ac_rev	7.5	0	0	0	0	0	0	0	0
01	4127	03-APR-89	pad_ac	0	0	0	0	0	0	0	0	0
01	4127	30-JUN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	4127	30-MAR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	4127	09-DEC-95	pad42_ac	0	0	1.2	0	0	0	0	0	0
01	4127	04-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
01	4129	30-JUN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	4129	19-SEP-91	ac_rev	8.5	0	0	0	0	0	0	0	0
01	4129	31-MAR-93	ac_rev	29.1	0	2	0	0	0	0	0	0
01	4129	09-JAN-96	pad42_ac	31.7	0	4.1	0	0	0	0	0	0
01	4129	04-SEP-97	ac_rev	236.2	0	11.5	0	0	0	0	0	0
01	4155	10-JUN-90	pad_ac	0	0	0	0	0	0	0	0	0
01	4155	16-JAN-91	pad_ac	0	0	0	0	0	0	0	0	0
01	4155	20-JUN-91	ac_rev	0	0	2.7	1	0.2	0	0	0	0
01	4155	01-APR-92	pad_ac	0	0	0	0	0	0	0	0	0
01	4155	01-APR-93	ac_rev	0	0	0	0	0	0	0	0	0
01	4155	21-JUL-95	ac_rev	0	0	0	0	0	0	0	0	0
01	4155	16-JAN-96	pad42_ac	0	0	0	0	0	0	0	0	0
01	4155	26-JAN-98	ac_rev	0	0	0	0	0	0	0	0	0
01	6012	24-MAY-89	pad_ac	0	0	0	29	46.853856	0	0	0	0
01	6012	15-JUL-92	ac_rev	0	0	14.3	30	54.7	0	0	0	0
01	6012	30-MAR-93	ac_rev	0	0	24.5	48	68.8	0	0	0	0
01	6012	10-AUG-95	ac_rev	0	0	102.5	60	118.3	0	0	0	0
01	6019	15-MAY-89	pad_ac	0	0	0	0	0	0	0	0	0
01	6019	19-JUN-91	ac_rev	0	0	0	0	0	0	0	0	0
01	6019	29-MAR-93	ac_rev	0	0	37.3	0	0	0	0	0	0
01	6019	96-01-09	pad42_ac	0	0	0	0	0	0	0	0	0
01	6019	98-01-26	ac_rev	0	0	0	0	0	0	0	0	0
01	A310	08-JUN-90	pad_ac	0	0	0	5.980176	0	0	0	0	0
01	A310	11-DEC-90	ac_rev	0	0	0	0	0	0	0	0	0

01	A310	12-FEB-91pad_ac	0	0	0	0	0	0
01	A310	21-JUN-91ac_rev	0	0	0	0	0	0
01	A310	02-APR-92pad_ac	0	0	0	0	0	0
01	A310	24-AUG-94ac_rev	0	0	0	0	0	0
01	A310	16-AUG-95ac_rev	0	0	4	1.9	0	0
01	A310	21-JAN-98ac_rev	0	0	4	2.5	0	0
01	A320	08-JUN-90pad_ac	0	0	8.1534	0	0	0
01	A320	11-DEC-90ac_rev	0	0	0	0	0	0
01	A320	12-FEB-91pad_ac	0	0	0	0	0	0
01	A320	21-JUN-91ac_rev	0	0	0	0	0	0
01	A320	02-APR-92pad_ac	0	0	0	0	0	0
01	A320	24-AUG-94ac_rev	0	0	0	0	0	0
01	A320	16-AUG-95ac_rev	0	0	0.5	0	0	0
01	A320	21-JAN-98ac_rev	0	0	0	0	0	0
01	A330	08-JUN-90pad_ac	0	0	0	0	0	0
01	A330	11-DEC-90ac_rev	0	0	0	0	0	0
01	A330	12-FEB-91pad_ac	0	0	0	0	0	0
01	A330	21-JUN-91ac_rev	0	0	0	0	0	0
01	A330	02-APR-92pad_ac	0	0	0	0	0	0
01	A330	24-AUG-94ac_rev	0	0	0	0	0	0
01	A330	16-AUG-95ac_rev	0	0	0	0	0	0
01	A330	21-JAN-98ac_rev	0	0	0	0	0	0
01	A340	08-JUN-90pad_ac	0	0	0	0	0	0
01	A340	12-FEB-91pad_ac	0	0	1	1.868424	0	0
01	A340	21-JUN-91ac_rev	0	0	1	1.2	0	0
01	A340	02-APR-92pad_ac	0	0	2	2.837688	0	0
01	A340	24-AUG-94ac_rev	0	0	1	1.1	0	0
01	A340	16-AUG-95ac_rev	0	0	8	4.8	0	0
01	A340	21-JAN-98ac_rev	0	0	8	4.7	0	0
01	A350	08-JUN-90pad_ac	0	0	0	6.541008	1	0.621792
01	A350	11-DEC-90ac_rev	0	0	0	0	0	0
01	A350	12-FEB-91pad_ac	0	0	1	0.618744	0	0
01	A350	21-JUN-91ac_rev	0	0	1	0.3	0	0
01	A350	02-APR-92pad_ac	0	0	3	2.822448	0	0
01	A350	24-AUG-94ac_rev	0	0	0	0	0	0
01	A350	16-AUG-95ac_rev	0	0	0	0	0	0
01	A350	21-JAN-98ac_rev	3	0	0	0	0	0
01	B310	16-APR-90pad_ac	0	0	0	0	0	0
01	B310	13-DEC-90ac_rev	0	0	0	0	0	0
01	B310	15-JAN-91pad_ac	0	0	0	0	0	0
01	B310	19-JUN-91ac_rev	0	0	0	0	0	0
01	B310	31-MAR-92pad_ac	0	0	0	1	1.58496	0
01	B310	29-MAR-93ac_rev	0	0	0	0	0	0
01	B310	23-JUL-95ac_rev	0	0	3.2	0	0	0
01	B320	16-APR-90pad_ac	0	0	0	0	0	0
01	B320	13-DEC-90ac_rev	0	0	0	0	0	0
01	B320	15-JAN-91pad_ac	0	0	0	0	0	0
01	B320	19-JUN-91ac_rev	0	0	0	0	0	0
01	B320	31-MAR-92pad_ac	0	0	0	0	0	0
01	B320	29-MAR-93ac_rev	4.9	0	0	0	0	0
01	B320	22-JUL-95ac_rev	123.5	0	0	0	0	0
01	B320	23-JAN-98ac_rev	150.2	0	6	6.8	1	21
01	B330	16-APR-90pad_ac	0	0	0	0	0	0
01	B330	13-DEC-90ac_rev	0	0	0	0	0	0
01	B330	15-JAN-91pad_ac	0	0	0	0	0	0
01	B330	19-JUN-91ac_rev	0	0	0	0	0	0
01	B330	31-MAR-92pad_ac	0	0	0	0	0	0
01	B330	29-MAR-93ac_rev	0	0	0	0	0	0
01	B330	22-JUL-95ac_rev	0	0	0	0	0	0
01	B330	23-JAN-98ac_rev	0	0	0	2	3.5	0
01	B340	16-APR-90pad_ac	0	0	0	0	0	0
01	B340	13-DEC-90ac_rev	0	0	0	0	0	0
01	B340	15-JAN-91pad_ac	0	0	0	0	0	0
01	B340	19-JUN-91ac_rev	0	0	0	0	0	0
01	B340	31-MAR-92pad_ac	0	0	0	0	0	0
01	B340	29-MAR-93ac_rev	0	0	0	0	0	0
01	B340	22-JUL-95ac_rev	0	0	0	0	0	0
01	B340	23-JAN-98ac_rev	0	0	0	0	0	0
01	B350	16-APR-90pad_ac	0	0	0	0	0	0
01	B350	13-DEC-90ac_rev	0	0	0	0	0	0
01	B350	15-JAN-91pad_ac	0	0	0	0	0	0
01	B350	19-JUN-91ac_rev	0	0	0	0	0	0
01	B350	31-MAR-92pad_ac	0	0	0	0	0	0
01	B350	29-MAR-93ac_rev	0	0	0	0	0	0
01	B350	22-JUL-95ac_rev	0	0	0	0	0	0
01	B350	23-JAN-98ac_rev	0	0	3	0	0	0
01	C310	10-JUN-90pad_ac	0	0	27.925776	5	5.647944	0
01	C310	12-DEC-90ac_rev	0	0	0	0	0	0
01	C310	16-JAN-91pad_ac	0	0	0	0	0	0
01	C310	20-JUN-91ac_rev	0	0	0	1	0	0
01	C310	01-APR-92pad_ac	0	0	0	0	0	0

01	C310	01-APR-93ac_rev	0	31.7	0	15	0	0
01	C310	21-JUL-95ac_rev	0	103.7	10.4	25	0	0
01	C320	10-JUN-90pad_ac	0	0	91.254072	3	2.80416	0
01	C320	12-DEC-90ac_rev	0	0			0	0
01	C320	16-JAN-91pad_ac	0	0			0	0
01	C320	20-JUN-91ac_rev	0	0			0	0
01	C320	01-APR-92pad_ac	0	0			0	0
01	C320	01-APR-93ac_rev	120.4	0			0	0
01	C320	21-JUL-95ac_rev	267	0			0	0
01	C320	28-JAN-98ac_rev	274.7	0			0	0
01	C330	10-JUN-90pad_ac	0	0			0	0
01	C330	12-DEC-90ac_rev	0	0			0	0
01	C330	16-JAN-91pad_ac	0	0			0	0
01	C330	20-JUN-91ac_rev	0	0			0	0
01	C330	01-APR-92pad_ac	0	0			0	0
01	C330	01-APR-93ac_rev	0	0			0	0
01	C330	21-JUL-95ac_rev	0	0			0	0
01	C330	29-JAN-98ac_rev	0	0			0	0
01	C340	10-JUN-90pad_ac	0	0			0	0
01	C340	12-DEC-90ac_rev	0	0			0	0
01	C340	20-JUN-91ac_rev	0	0			0	0
01	C340	16-OCT-91pad_ac	0	0			0	0
01	C340	01-APR-92pad_ac	0	0			0	0
01	C340	01-APR-93ac_rev	0	0			0	0
01	C340	21-JUL-95ac_rev	0	0			0	0
01	C340	29-JAN-98ac_rev	0	0			0	0
01	C350	10-JUN-90pad_ac	39.624075	0	0	105.68634612	11.222736	0
01	C350	12-DEC-90ac_rev	0	0	0	0	0	0
01	C350	16-JAN-91pad_ac	0	0	0	0	0	0
01	C350	20-JUN-91ac_rev	0	0	0	0	0	0
01	C350	01-APR-92pad_ac	0	0	0	0	0	0
01	C350	01-APR-93ac_rev	0	0	0	0	0	0
01	C350	21-JUL-95ac_rev	0	0	0	0	2	0.7
01	C350	29-JAN-98ac_rev	0	0	0	0	4	2.2
04	0113	21-FEB-95ac_rev	0	0	0	0	0	0
04	0113	30-MAR-95pad42_ac	0	0	2	2.9	0	0
04	0113	17-AUG-95ac_rev	0	0	0	0	0	0
04	0113	08-NOV-95ac_rev	0	0	0	0	0	0
04	0113	07-FEB-96ac_rev	0	0	0	0	0	0
04	0113	03-APR-96ac_rev	0	0	0	0	0	0
04	0113	10-JUL-96ac_rev	0	0	0	0	0	0
04	0113	14-AUG-96ac_rev	0	0	0	0	0	0
04	0113	08-JAN-98ac_rev	0	0	0	0	0	0
04	0113	13-JAN-98ac_rev	0	0	0	0	0	0
04	0113	20-APR-98ac_rev	0.9	0	0	0	0	0
04	0114	15-FEB-95ac_rev	0	0	0	0	0	0
04	0114	30-MAR-95pad42_ac	0	0	0	2	4.4	0
04	0114	17-AUG-95ac_rev	0	0	0	0	0	0
04	0114	07-NOV-95ac_rev	0	0	0	0	0	0
04	0114	06-FEB-96ac_rev	0	0	0	1	1	0
04	0114	02-APR-96ac_rev	0	0	0	1	1.2	0
04	0114	09-JUL-96ac_rev	0	0	0	0	0	0
04	0114	13-AUG-96ac_rev	0	0	0	0	0	0
04	0114	07-JAN-98ac_rev	0	0	0	0	0	0
04	0114	14-JAN-98ac_rev	0	0	0	0	0	0
04	0114	21-APR-98ac_rev	4.3	0	0	0	0	0
04	0115	15-FEB-95ac_rev	0	0	0	0	0	0
04	0115	30-MAR-95pad42_ac	0	0	0	0	0	0
04	0115	07-JAN-98ac_rev	0	0	0	0	0	0
04	0116	17-FEB-95ac_rev	0	0	0	0	0	0
04	0116	30-MAR-95pad42_ac	0	0	0	0	0	0
04	0116	08-JAN-98ac_rev	0	0	0	0	0	0
04	0117	15-FEB-95ac_rev	0	0	0	0	0	0
04	0117	30-MAR-95pad42_ac	0	0	4.2	1.1	2	4.6
04	0117	07-JAN-98ac_rev	0	0	0	0	0	0
04	0118	17-FEB-95ac_rev	0	0	0	0	0	0
04	0118	30-MAR-95pad42_ac	0	0	4.6	2	0	0
04	0118	08-JAN-98ac_rev	0	0	0	0	0	0
04	0119	15-FEB-95ac_rev	0	0	0	0	0	0
04	0119	30-MAR-95pad42_ac	0	0	10.7	1	4	4.4
04	0119	07-JAN-98ac_rev	0	0	50	0	0	0
04	0120	21-FEB-95ac_rev	0	0	0	0	0	0
04	0120	30-MAR-95pad42_ac	0	0	31.8	0	0	0
04	0120	08-JAN-98ac_rev	0	0	20.3	0	0	0
04	0121	21-FEB-95ac_rev	0	0	0	0	0	0
04	0121	30-MAR-95pad42_ac	0	0	3	2.5	0	0
04	0121	08-JAN-98ac_rev	0	0	62.6	0	0	0
04	0122	17-FEB-95ac_rev	0	0	0	0	0	0
04	0122	30-MAR-95pad42_ac	0.5	0	3.2	1.8	0	0
04	0122	08-JAN-98ac_rev	0	0	0	0	0	0
04	0123	15-FEB-95ac_rev	0	0	0	0	0	0

04	0123	30-MAR-95pad42_ac	0	0	12.3	0	0	0	0
04	0123	07-JAN-98ac_rev	0	0	9.3	0	0	0	0
04	0124	15-FEB-95ac_rev	0	0			0	0	0
04	0124	30-MAR-95pad42_ac	2	0			0	0	0
04	0124	07-JAN-98ac_rev	0	0			0	0	0
04	0501	29-NOV-89pad_ac			0		0	0	0
04	0501	15-JAN-91ac_rev			0		0	0	0
04	0501	20-OCT-94ac_rev			0		0	0	0
04	0501	22-MAR-95pad42_ac			0		0	0	0
04	0502	29-NOV-89pad_ac	35.761167	0	0	280.88844	202	486.2870580	0
04	0502	19-OCT-94ac_rev	0.4	0				0	0
04	0502	22-MAR-95pad42_ac	8.2	0				0	0
04	0502	17-SEP-96ac_rev	14.5	0				0	0
04	0502	13-NOV-97ac_rev	305	0				0	0
04	0503	18-OCT-94ac_rev	0	0				0	0
04	0503	22-MAR-95pad42_ac	0.7	0				0	0
04	0503	12-MAR-96ac_rev	0	0				0	0
04	0503	11-SEP-96ac_rev	0	0				0	0
04	0503	12-NOV-97ac_rev	0	0				0	0
04	0504	29-NOV-89pad_ac	31.441175	0	0	171.70907881		201.8202640	0
04	0504	18-OCT-94ac_rev	0	0	0	0		0	0
04	0504	22-MAR-95pad42_ac	1.7	0	4.9	2.7		0	0
04	0504	11-SEP-96ac_rev	0	0	0	0		0	0
04	0504	12-NOV-97ac_rev	0	0	0	0		0	0
04	0505	29-NOV-89pad_ac	56.261151	0	0	80.403192	71	163.6227280	0
04	0505	20-OCT-94ac_rev		0				0	0
04	0505	22-MAR-95pad42_ac		0				0	0
04	0505	12-SEP-96ac_rev		0				0	0
04	0505	13-NOV-97ac_rev		0				0	0
04	0506	29-NOV-89pad_ac	161.95322	0	0	63.447168	88	159.7151920	0
04	0506	20-OCT-94ac_rev	0	0	0	0		0	0
04	0506	16-JAN-96pad42_ac	0	0	2.7			0	0
04	0506	12-SEP-96ac_rev	0	0	0	0		0	0
04	0506	13-NOV-97ac_rev	0	0	0	0		0	0
04	0507	29-NOV-89pad_ac	170.01442	0	0	103.36377	137	267.2364420	0
04	0507	18-OCT-94ac_rev	0	0				0	0
04	0507	22-MAR-95pad42_ac	0	0				0	0
04	0507	11-SEP-96ac_rev	0	0				0	0
04	0507	12-NOV-97ac_rev	0	0				0	0
04	0508	29-NOV-89pad_ac	86.795594	0	0	47.149512	125	233.553	0
04	0508	19-OCT-94ac_rev	0	0				0	0
04	0508	22-MAR-95pad42_ac	0	0				0	0
04	0508	12-SEP-96ac_rev	0	0				0	0
04	0508	12-NOV-97ac_rev	0	0				0	0
04	0509	29-NOV-89pad_ac	22.328316	0	0	141.165064141		290.8157680	0
04	0509	19-OCT-94ac_rev	0	0	0	0	6	16.7	0
04	0509	22-MAR-95pad42_ac	0	0	8.7	2.2	12	42.6	0
04	0509	12-NOV-97ac_rev	0	0	15.4	35.5	22	64	0
04	0603	25-SEP-91ac_rev	0	0	0	0		0	0
04	0603	21-SEP-94ac_rev	0	0	0	0		0	0
04	0603	27-MAR-95pad42_ac	0	0	0	0		0	0
04	0603	29-OCT-97ac_rev	0.9	0	0.6			0	0
04	0604	24-SEP-91ac_rev	0	0		0		0	0
04	0604	20-SEP-94ac_rev	0	0	0	0		0	0
04	0604	27-MAR-96pad42_ac	0	0	0	0		0	0
04	0604	28-OCT-97ac_rev	0	0	0	146.5		0	0
04	0606	24-SEP-91ac_rev	0	0	0	0		0	0
04	0606	20-SEP-94ac_rev	0	0	0	0		0	0
04	0606	27-MAR-96pad42_ac	0	0	0	0		0	0
04	0606	27-OCT-97ac_rev	0	0	0	0		0	0
04	0607	24-SEP-91ac_rev	0	0	0	0		0	0
04	0607	19-SEP-94ac_rev	0	0	0	1.8		0	0
04	0607	27-MAR-95pad42_ac	0	0	4.3	2.3		0	0
04	0607	27-OCT-97ac_rev	0	0	8.5	151.9		0	0
04	0608	24-SEP-91ac_rev	0	0	0	0		0	0
04	0608	19-SEP-94ac_rev	0	0	0	0		0	0
04	0608	27-MAR-95pad42_ac	0	0	5.5	2.1		0	0
04	0608	23-OCT-97ac_rev	0	0	7.5	4.1		0	0
05	0113	95-12-05 pad42_ac	0.4	0	0.5	94.7	2	2.2	0
05	0113	97-06-12 ac_rev	3.6	0	7.3	152.5	0	0	0
05	0114	95-12-05 pad42_ac	0	0	0	138.9	0	0	0
05	0114	97-06-12 ac_rev	0	0	0	152.5	0	0	0
05	0115	95-12-05 pad42_ac	0	0	0	114.9	0	0	0
05	0115	97-06-12 ac_rev	0	0	0	152	0	0	0
05	0116	95-12-05 pad42_ac	0	0	0	112.3	0	0	0
05	0116	97-06-12 ac_rev	0	0	0	152	0	0	0
05	0117	95-12-05 pad42_ac	0	0	0	111.9	1	3.6	0
05	0117	97-06-12 ac_rev	0	0	0.7	152.5	0	0	0
05	0118	95-12-05 pad42_ac	0	0	0	119.6	1	1.7	0
05	0118	97-06-12 ac_rev	0	0	0	152.5	0	0	0
05	0119	95-12-05 pad42_ac	0	0	0	117.1	0	0	0

05	0119	97-06-11	ac_rev	34.5	0	3	24.8	8	5.9	0	0
05	0120	95-12-05	pad42_ac	0	0	0	110.6	0	0	0	0
05	0120	97-06-12	ac_rev	17.3	0	5.8	112.8	1	0.3	0	0
05	0121	95-12-05	pad42_ac	0	0	0	0	0	0	0	0
05	0121	97-06-12	ac_rev	1.7	0	0	153.5	1	1.5	0	0
05	0122	95-12-05	pad42_ac	0	0	0	0	0	0	0	0
05	0122	97-06-12	ac_rev	0.3	0	0	138.5	0	0	0	0
05	0123	95-12-05	pad42_ac	0	0	0	0	0	0	0	0
05	0123	97-06-12	ac_rev	0	0	0	152.5	0	0	0	0
05	0124	95-12-05	pad42_ac	0	0	0	0	1	0.9	0	0
05	0124	97-06-12	ac_rev	0	0	0.8	152.5	0	0	0	0
05	2042	16-NOV-89	pad_ac	0	5.256454	0				0	0
05	2042	20-FEB-91	pad_ac	0	13.33437280					0	0
05	2042	11-SEP-91	ac_rev	18.4	108.2	8.2				0	0
05	2042	05-DEC-94	ac_rev	0	0	0	0	0	0	0	0
05	2042	16-DEC-95	pad42_ac	0	0	0	0	1	0.7	0	0
05	2042	10-JUN-97	ac_rev	0	0	0	0	0	0	0	0
05	3048	16-NOV-89	pad_ac	0							0
05	3048	13-MAR-91	ac_rev	0							55.7
05	3048	13-SEP-91	ac_rev	0							55.7
05	3048	07-DEC-95	pad42_ac	56.6							55.8
05	3048	04-AUG-97	ac_rev	187.6							39
05	3058	27-FEB-91	pad_ac		0					0	0
05	3058	10-SEP-91	ac_rev		0					0	0
05	3058	01-DEC-94	ac_rev		0					0	0
05	3058	25-JUL-95	ac_rev		0					0	0
05	3058	11-JUN-97	ac_rev		0					0	0
05	3071	15-MAR-89	pad_ac	0	0	0				0	0
05	3071	02-JUN-90	pad_ac	0	0	0				0	0
05	3071	18-MAR-91	pad_ac	0	0	0				0	0
05	3071	09-SEP-91	ac_rev	0	0	0				0	0
05	3071	01-NOV-91	pad_ac	0	0	0				0	0
05	3071	07-DEC-94	ac_rev	0	0	1				0	0
05	3071	15-JUN-95	ac_rev	0	0	0				0	0
05	3071	19-APR-96	pad42_ac	0	0	1.5				0	0
05	3071	07-AUG-97	ac_rev	0	0	0				0	0
05	A310	02-JUN-90	pad_ac	0	0	0	3.15468	2	2.837688	0	0
05	A310	08-FEB-91	ac_rev	0	0	0		0	0	0	0
05	A310	18-MAR-91	pad_ac	0	0	0		2	2.526792	0	0
05	A310	09-SEP-91	ac_rev	0	0	0		0	0	0	0
05	A310	01-NOV-91	pad_ac	0	0	0		0	0	0	0
05	A310	07-DEC-94	ac_rev	0	0	0		0	0	0	0
05	A310	15-JUN-95	ac_rev	0	0	0		0	0	0	0
05	A310	07-AUG-97	ac_rev	0	0	0		0	0	0	0
05	A320	02-JUN-90	pad_ac	0	0	0	0	0	0	0	0
05	A320	08-FEB-91	ac_rev	0	0	0	0	0	0	0	0
05	A320	18-MAR-91	pad_ac	0	0	0	0	0	0	0	0
05	A320	09-SEP-91	ac_rev	0	0	0	0	0	0	0	0
05	A320	01-NOV-91	pad_ac	0	0	0	0	0	0	0	0
05	A320	07-DEC-94	ac_rev	0	0	0	0	0	0	0	0
05	A320	22-JUN-95	ac_rev	0	0	0	0	0	0	0	0
05	A320	07-AUG-97	ac_rev	0.2	0	0	162.9			0	0
05	A330	02-JUN-90	pad_ac	0	0	0	0	0	0	0	0
05	A330	08-FEB-91	ac_rev	0	0	0	0	0	0	0	0
05	A330	18-MAR-91	pad_ac	0	0	0	1.261872	4	3.788664	0	0
05	A330	01-NOV-91	pad_ac	0	0	0	0	0	0	0	0
05	A350	02-JUN-90	pad_ac	0	0	0	0	3	2.83464	0	0
05	A350	08-FEB-91	ac_rev	0	0	0	0	0	0	0	0
05	A350	18-MAR-91	pad_ac	0	0	0	0	1	0.313944	0	0
05	A350	09-SEP-91	ac_rev	0	0	0	0	0	0	0	0
05	A350	01-NOV-91	pad_ac	0	0	0	0	0	0	0	0
05	A350	07-DEC-94	ac_rev	0	0	0	0	0	0	0	0
05	A350	22-JUN-95	ac_rev	0	0	0	0	0	0	0	0
05	A603	01-OCT-97	ac_rev	0	0	0	0	0	0	0	0
05	A604	01-OCT-97	ac_rev	0	0	0	0	0	0	0	0
05	A606	01-OCT-97	ac_rev	0	0	0	0	0	0	0	0
05	A607	01-OCT-97	ac_rev	0	0	0	0	0	0	0	0
05	A608	01-OCT-97	ac_rev	0	0	0	0	0	0	0	0
08	0501	03-MAY-91	ac_rev	0.9	0	23.5	123.3	10	7.6	0	0
08	0501	26-OCT-94	ac_rev	0	0	0	9.7		6.1	0	0
08	0501	12-APR-96	ac_rev	0	0	0	52.3		10.7	0	0
08	0501	25-APR-96	pad42_ac	0	0	0	198.6		39.6	0	0
08	0502	01-MAY-91	ac_rev	0	0	0	121.9	4	5.1	1	0.8
08	0502	26-OCT-94	ac_rev	0	0	0	4.2	1	1.6	0	0
08	0502	11-APR-96	ac_rev	2	0	0	76.4	13	21	0	0
08	0502	25-APR-96	pad42_ac	13.6	0	0	168	27	50.2	0	0
08	0503	02-MAY-91	ac_rev	2.8	0	6	152.8	7	10.4	0	0
08	0503	26-OCT-94	ac_rev	0	0	4.2	5.5	0	0	0	0
08	0503	11-APR-96	ac_rev	0	0	0	13.9	0	0	0	0
08	0503	25-APR-96	pad42_ac	0	0	0	114.1	9	23.9	1	0.3
08	0504	03-MAY-91	ac_rev	0.8	0	6.4	136.2	22	33.6	2	4.6

08	0504	26-OCT-94ac_rev	0	0		13.2	1	1	0	0
08	0504	11-APR-96ac_rev	0	0		46	2	2.3	0	0
08	0504	25-APR-97pad42_ac	0	0		183.3	21	47.6	0	0
08	0505	03-MAY-91ac_rev	14.7	0	14.7	148.3	24	25	0	0
08	0505	26-OCT-94ac_rev	0	0		73.1	1	1.4	0	0
08	0505	12-APR-96ac_rev	0	0		94.8	8	13	0	0
08	0505	25-APR-96pad42_ac	0	0		252.3	16	44.9	0	0
08	0506	03-MAY-91ac_rev	44.4	0	19.2	143.6	21	24.6	4	52.9
08	0506	26-OCT-94ac_rev	0	0		91.5	15	18	0	0
08	0506	12-APR-96ac_rev	0	0		118.6	20	34.3	0	0
08	0506	25-APR-96pad42_ac	0	0		269.3	46	99.9	1	0.3
08	0507	03-MAY-91ac_rev	27.5	0	10.3	115.6	30	36.9	0	0
08	0507	26-OCT-94ac_rev	0	0		51.8	1	1	0	0
08	0507	12-APR-96ac_rev	0	0		89	5	5.3	0	0
08	0507	25-APR-96pad42_ac	0	0		294.1	23	47	2	0.3
08	0508	02-MAY-91ac_rev	14.8	0	0	124.4	24	32.1	3	16.6
08	0508	26-OCT-94ac_rev	0	0		0	0	0	0	0
08	0508	11-APR-96ac_rev	0	0		7.7	0	0	0	0
08	0508	25-APR-96pad42_ac	0	0		79.4	13	38.1	0	0
08	0509	01-MAY-91ac_rev	0	0	0	153.8	6	7.3	0	0
08	0509	26-OCT-94ac_rev	0	0		7	0	0	0	0
08	0509	11-APR-96ac_rev	0	0		20.9	4	10.4	0	0
08	0509	25-APR-96pad42_ac	0	0		119.2	13	42.8	0	0
09	1803	05-SEP-90pad_ac	0	0					0	0
09	1803	30-SEP-92pad42_ac	0	0					0	0
09	1803	12-MAY-94ac_rev	0	0					0	0
09	1803	25-AUG-94ac_rev	0	0					0	0
09	1803	25-MAY-95ac_rev	0	0					0	0
09	1803	30-OCT-95pad42_ac	0	0					0	0
09	1803	08-OCT-96ac_rev	0	0					0	0
09	1803	08-MAY-97ac_rev	0	0					0	0
09	1803	11-SEP-97ac_rev	0	0					0	0
09	4020	95-10-30 pad42_ac	0	0	0	0	0	0	0	0
09	4020	97-04-10 ac_rev	0	0	0	7.3	0	0	4	2.5
09	5001	17-OCT-96ac_rev	0	0	0	0	0	0	0	0
10	0101	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0101	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0102	15-JUL-96ac_rev	0	0	0	0	0	0	0	0
10	0102	26-FEB-97ac_rev	0	0	0	0	0	0	0	0
10	0102	30-SEP-97ac_rev	0	0	0	0	0	0	0	0
10	0103	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0103	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0104	96-07-17 ac_rev	0	0	0	0	0	0	0	0
10	0104	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0105	96-07-15 ac_rev	0	0	0	0	0	0	0	0
10	0105	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0106	96-07-17 ac_rev	0	0	0	0	0	0	0	0
10	0106	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0107	96-07-15 ac_rev	0	0	0	0	0	0	0	0
10	0107	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0108	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0108	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0109	96-07-17 ac_rev	0	0	0	0	0	0	0	0
10	0109	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0110	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0110	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0111	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0111	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	0112	96-07-16 ac_rev	0	0	0	0	0	0	0	0
10	0112	97-02-26 ac_rev	0	0	0	0	0	0	0	0
10	1450	05-OCT-89pad_ac	0	0	0	143.91132	5	10.902696	0	0
10	1450	21-MAR-91pad_ac	0	0	0	153.20162	21	25.901904	0	0
10	1450	06-OCT-92pad42_ac	0	0	5.7	186.1	44	48.6	0	0
10	1450	04-NOV-95pad42_ac	0.6	0	10.6	236	62	73.4	0	0
11	1400	09-APR-90pad_ac	0	0	0	0	0	0	0	0
12	0101	18-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0102	18-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0103	18-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0104	18-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0105	18-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0106	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0107	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0108	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0109	20-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0110	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0111	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	0112	19-DEC-96ac_rev	0	0	0	0	0	0	0	0
12	1030	18-APR-89pad_ac	0	0	0	0	0	0	0	0
12	1030	05-FEB-91pad_ac	0	0	0	0	0	3	0	0.672618
12	1030	18-JUL-91ac_rev	0	0	0	0	0	0	0	0
12	1030	21-JAN-96pad42_ac	0	0	0	0	0	0	0	0

12	1030	23-JAN-97ac_rev							0		0	
12	1030	19-MAY-98ac_rev							0	3		0.6
12	1060	18-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	1060	04-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	1060	13-JAN-95ac_rev	0	0	0	0	0	0	0	0	0	0
12	1060	20-JAN-96pad42_ac	0	0	0	0	0	0	0	0	0	0
12	1060	15-JAN-97ac_rev	0	0	0	0	0	0	0	0	0	0
12	1370	13-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	1370	05-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	1370	18-JUL-91ac_rev	0	0	0	0	0	0	0	0	0	0
12	1370	10-MAR-93ac_rev	0	0	2.5	0	0	0	0	0	0	0
12	1370	22-JAN-96pad42_ac	0	0	0	0	0	0	0	0	0	0
12	1370	18-APR-97ac_rev	33.9	0	0.7		1	0.8	1		1.5	
12	3995	18-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	3995	05-FEB-91pad_ac	0	0	4.117848				0	0	0	0
12	3995	17-JAN-96ac_rev	5.4	0	134.4				0	0	0	0
12	3995	21-JAN-96pad42_ac	11.3	0	302.7				0	0	0	0
12	3996	17-APR-89pad_ac		0				1.566672	0	0	0	0
12	3996	30-JAN-91pad_ac		0				4.413504	0	0	0	0
12	3996	31-JUL-91ac_rev		0				5.5	0	0	0	0
12	3996	04-DEC-95ac_rev		0				11.3	0	0	0	0
12	3996	17-JAN-96pad42_ac		0				8.1	0	0	0	0
12	3996	17-APR-97ac_rev		0				9.6	0	0	0	0
12	3997	14-DEC-89pad_ac		0	0				0	0	0	0
12	3997	15-AUG-90ac_rev		0	0				0	0	0	0
12	3997	09-FEB-91pad_ac		0	0				0	0	0	0
12	3997	04-OCT-91ac_rev		0	0				0	0	0	0
12	3997	13-APR-92pad_ac		0	0				0	0	0	0
12	3997	08-MAR-93ac_rev		0	0				0	0	0	0
12	3997	16-MAR-94ac_rev		0	0				0	0	0	0
12	3997	96-01-25 pad42_ac	0	0	0	0	0	0	0	0	0	0
12	3997	97-02-25 ac_rev	0	0	0	0	0	0	0	0	0	0
12	4096	28-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4096	16-JAN-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4096	03-OCT-91ac_rev	0	0	0	0	0	0	0	0	0	0
12	4096	30-AUG-94ac_rev	0	0	0	0	0	0	0	0	0	0
12	4096	16-JAN-96pad42_ac	0	0	0	0	0	0	0	0	0	0
12	4096	03-MAR-97ac_rev	0	0	0	0	12	26.3	0	0	0	0
12	4097	28-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4097	16-JAN-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4097	03-OCT-91ac_rev	0	0	0	0	0	0	0	0	0	0
12	4097	30-AUG-94ac_rev	0	0	0	0	0	0	0	0	0	0
12	4097	16-JAN-96pad42_ac	0	0	0	21.1	0	0	0	0	0	0
12	4097	04-MAR-97ac_rev	0	0	0	61.8	1	0.3	0	0	0	0
12	4099	89-04-18 pad_ac	0	0	0	0	0	0	0	0	0	0
12	4099	91-01-30 pad_ac	0	0	0	0	0	0	0	0	0	0
12	4100	27-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4100	16-JAN-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4100	03-OCT-91ac_rev	0	0	0	0	0	0	0	0	0	0
12	4100	30-AUG-94ac_rev	1.8	0	0	0	0	0	0	0	0	0
12	4100	16-JAN-96pad42_ac	2.2	0	0	0	0	0	0	0	0	0
12	4100	03-MAR-97ac_rev	4.7	0	2.5	2.1			0	0	0	0
12	4101	89-12-07 pad_ac	0	0	0	59.83224	0	0	0	0	0	0
12	4101	91-02-05 pad_ac	0	0	0	146.7429060			0	0	0	0
12	4101	93-03-12 ac_rev	0	0	0	0	0	0	0	0	0	0
12	4101	96-01-22 pad42_ac	0	0	0	0	0	0	0	0	0	0
12	4102	89-04-13 pad_ac	245.5399420		0	25.996392	0	0	0	17		
12	4102	90-04-17 ac_rev	243.9	3.6	0	0	0	0	0	64		
12	4103	09-DEC-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4103	04-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4103	13-JAN-95ac_rev	0	0	0	0	0	0	0	0	0	0
12	4103	20-JAN-96pad42_ac	1.1	0	0	0	0	0	1		0.2	
12	4103	16-JAN-97ac_rev	0	0	0	0	0	0	0	0	0	0
12	4105	12-APR-89pad_ac		0	0	0	0	0	0	0	0	0
12	4105	09-FEB-91pad_ac		0	0	3		2.859024	0	0	0	0
12	4105	04-OCT-91ac_rev		0	0	0		0	0	0	0	0
12	4105	08-MAR-93ac_rev		0	0	0		0	0	0	0	0
12	4106	18-APR-89pad_ac		0	0	0		0	0	0	0	0
12	4106	05-FEB-91pad_ac		0	0	0		0	0	0	0	0
12	4106	18-JUL-91ac_rev		0	0	0		0	0	0	0	0
12	4106	21-JAN-96pad42_ac		0	3.4				0	0	0	0
12	4106	17-JAN-97ac_rev		0	15.3				0	0	0	0
12	4107	06-DEC-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4107	05-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4107	18-JUL-91ac_rev	0	0	0	0	0	0	0	0	0	0
12	4107	11-MAR-93ac_rev	101.8	0	0	0	0	0	0	0	0	0
12	4107	22-JAN-96pad42_ac	108.5	0	0	0	0	0	0	0	0	0
12	4107	31-MAR-97ac_rev	152.4	0	0	0	0	0	0	0	0	0
12	4108	27-APR-89pad_ac	0	0	0	0	0	0	0	0	0	0
12	4108	16-JAN-91pad_ac	0	0	0	0	0	0	0	0	0	0
12	4108	03-OCT-91ac_rev	0	0	0	0	0	0	0	0	0	0

12	4108	30-AUG-94	ac_rev	0	0	0	0	0	0	0	0
12	4108	16-JAN-96	pad42_ac	0	0	0	19.1	2	5.3	0	0
12	4135	89-12-10	pad_ac	111.2746140	0	0	90.879168	77	129.29006	6	18.5620264
12	4135	91-01-29	pad_ac	223.0286060	0	0	208.10524258		142.25320414		19.9741527
12	4135	12-MAR-93	ac_rev	0	0	0	0	0	0	0	0
12	4135	96-01-17	pad42_ac	0	0	0	0	0	0	0	0
12	4135	97-04-16	ac_rev	0	0	0	0	0	0	0	0
12	4136	89-12-10	pad_ac	137.41567	0	0	25.92324	72	63.23076	14	11.274712
12	4136	91-01-29	pad_ac	184.5834730	0	0	26.179272	25	38.164008	20	12.593936
12	4136	12-MAR-93	ac_rev	0	0	0	0	0	0	0	0
12	4136	96-01-17	pad42_ac	0	0	0	0	0	0	0	0
12	4136	97-04-16	ac_rev	0	0	0	0	0	0	0	0
12	4137	89-12-10	pad_ac	22.120213	0	0	103.94899244		40.882824	0	0
12	4137	91-01-29	pad_ac	33.495262	0	0	97.895664	49	48.947832	0	0
12	4137	12-MAR-93	ac_rev	0	0	0	0	0	0	0	0
12	4137	96-01-17	pad42_ac	0	0	0	0	0	0	0	0
12	4137	97-04-16	ac_rev	0	0	0	0	0	0	0	0
12	4153	10-DEC-89	pad_ac	0	0	0	0	0	0	0	0
12	4153	08-FEB-91	pad_ac	0	0	0	0	0	0	0	0
12	4153	18-JUL-91	ac_rev	0	0	0	0	0	0	0	0
12	4153	11-MAR-93	ac_rev	0	0	0	0	0	0	0	0
12	4153	22-JAN-96	pad42_ac	0	0	0	0	0	0	0	0
12	4153	20-JAN-97	ac_rev	0	0	0	0	0	0	0	0
12	4154	09-DEC-89	pad_ac	235.9913690	0	0					
12	4154	17-AUG-90	ac_rev	219.1	0	0					
12	4154	19-NOV-90	ac_rev	216.5	0	0					
12	4154	08-FEB-91	pad_ac	284.09006	0	0					
12	4154	19-JUL-91	ac_rev	254.8	0	0					
12	4154	14-APR-92	pad_ac	265.62465	0	0					
12	4154	10-MAR-93	ac_rev	362.4	0	0					
12	4154	10-AUG-95	ac_rev	359	0	0					
12	4154	19-SEP-96	ac_rev	324.6	0	0					
12	9054	15-DEC-89	pad_ac	0	0	0	0	0	0	0	0
12	9054	13-AUG-90	ac_rev	0	0	0	0	0	0	0	0
12	9054	20-NOV-90	ac_rev	0	0	0	0	0	0	0	0
12	9054	09-FEB-91	pad_ac	0	0	0	0	0	0	0	0
12	9054	04-OCT-91	ac_rev	0	0	0	0	0	0	0	0
12	9054	13-APR-92	pad_ac	0	0	0	0	0	0	0	0
12	9054	08-MAR-93	ac_rev	0	0	0	7	6	0	0	0
12	9054	11-AUG-95	ac_rev	2.5	0	2.3	23	23.2	0	0	0
12	9054	18-SEP-96	ac_rev	4.8	0	59.6	41	33.7	0	0	0
12	A310	15-DEC-89	pad_ac	0	0	0					
12	A310	13-AUG-90	ac_rev	0	0	4.6					
12	A310	20-NOV-90	ac_rev	0	0	4.6					
12	A310	09-FEB-91	pad_ac	0	0	0					
12	A310	04-OCT-91	ac_rev	0	0	0	0	0	0	0	0
12	A310	13-APR-92	pad_ac	0	0	0	0	0	0	0	0
12	A310	08-MAR-93	ac_rev	0	0	0	0	0	0	0	0
12	A310	11-AUG-95	ac_rev	0	0	0	1	0.7	0	0	0
12	A310	18-SEP-96	ac_rev	41.9	0	6.3	2	0.9	0	0	0
12	A320	15-DEC-89	pad_ac	0	0	0	79.714344	2	2.52984	0	0
12	A320	13-AUG-90	ac_rev	0	0	0					
12	A320	20-NOV-90	ac_rev	0	0	0					
12	A320	09-FEB-91	pad_ac	0	0	0	1				
12	A320	04-OCT-91	ac_rev	0	0	0	1				
12	A320	13-APR-92	pad_ac	0	0	0	2				
12	A320	08-MAR-93	ac_rev	40.6	0	0	9				
12	A320	11-AUG-95	ac_rev	169	0	0	12				
12	A320	18-SEP-96	ac_rev	171.8	0	0	53				
12	A330	15-DEC-89	pad_ac						0		0
12	A330	13-AUG-90	ac_rev						0		0
12	A330	20-NOV-90	ac_rev						0		0
12	A330	09-FEB-91	pad_ac						0		0
12	A330	04-OCT-91	ac_rev						0		0
12	A330	13-APR-92	pad_ac						0		0
12	A330	08-MAR-93	ac_rev						0		0
12	A330	11-AUG-95	ac_rev						0		0
12	A330	18-SEP-96	ac_rev						0		0
12	A350	15-DEC-89	pad_ac	0	0	0	161.6964	3	3.47472	0	0
12	A350	13-AUG-90	ac_rev	0	0	0	0	0	0	0	0
12	A350	20-NOV-90	ac_rev	0	0	0	0	0	0	0	0
12	A350	09-FEB-91	pad_ac	0	0	0	0	0	0	0	0
12	A350	04-OCT-91	ac_rev	0	0	0	0	0	0	0	0
12	A350	13-APR-92	pad_ac	0	0	0	0	0	0	0	0
12	A350	08-MAR-93	ac_rev	0.3	0	0	0	0	6	0	0
12	A350	11-AUG-95	ac_rev	11.7	0	0	1.9	1	1.1	0	0
12	A350	18-SEP-96	ac_rev	16.8	0	0	3.5	4	2.2	0	0
12	B310	14-DEC-89	pad_ac						0		0
12	B310	15-AUG-90	ac_rev						0		0
12	B310	09-FEB-91	pad_ac						0		0
12	B310	04-OCT-91	ac_rev						0		0

12 B310 09-MAR-93ac_rev		0				0		0
12 B310 16-MAR-94ac_rev		0				0		0
12 B320 14-DEC-89pad_ac	30.433177	0	0	93.8784	111	118.36908	0	0
12 B320 15-AUG-90ac_rev		0	0	0	0	0	0	0
12 B320 09-FEB-91pad_ac		0	0	0	0	0	0	0
12 B320 04-OCT-91ac_rev		0	1.8	0	13	0	0	0
12 B320 09-MAR-93ac_rev		0	0	0	24	0	0	0
12 B320 13-APR-93pad_ac		0	0	0	24	0	0	0
12 B320 16-MAR-94ac_rev		0	0	3.8	97	0	0	0
12 B330 14-DEC-89pad_ac		0	0			0	0	0
12 B330 15-AUG-90ac_rev		0	0			0	0	0
12 B330 09-FEB-91pad_ac		0	0			0	0	0
12 B330 04-OCT-91ac_rev		0	0			0	0	0
12 B330 13-APR-92pad_ac		0	0			0	0	0
12 B330 09-MAR-93ac_rev		0	0			0	0	0
12 B330 16-MAR-94ac_rev		0	0			0	0	0
12 B350 14-DEC-89pad_ac	39.364876	0	0	68.964048	78	77.1144	0	0
12 B350 15-AUG-90ac_rev		0	0	0	0	0	0	0
12 B350 09-FEB-91pad_ac		0	0	0	0	0	0	0
12 B350 04-OCT-91ac_rev		0	0	0	0	0	0	0
12 B350 13-APR-92pad_ac		0	0	0	3	1.588008	0	0
12 B350 09-MAR-93ac_rev		0	0	0	0	0	0	0
12 B350 16-MAR-94ac_rev		0	0	0	0	0	0	0
12 C310 09-DEC-89pad_ac		0	0					
12 C310 17-AUG-90ac_rev		0	0					
12 C310 19-NOV-90ac_rev		0	0					
12 C310 08-FEB-91pad_ac		0	0					
12 C310 19-JUL-91ac_rev		0	0					
12 C310 14-APR-92pad_ac		0	0					
12 C310 10-MAR-93ac_rev		0	0					
12 C310 10-AUG-95ac_rev		0	0					
12 C310 19-SEP-96ac_rev		0	0					
12 C310 28-JAN-98ac_rev		0	12.7					
12 C320 09-DEC-89pad_ac	108.1409960	0	0	183.16955652		69.58584	3	6.1817682
12 C320 17-AUG-90ac_rev		0						
12 C320 19-NOV-90ac_rev		0						
12 C320 08-FEB-91pad_ac		0						
12 C320 19-JUL-91ac_rev		0						
12 C320 10-MAR-93ac_rev		0						
12 C320 10-AUG-95ac_rev		0						
12 C320 19-SEP-96ac_rev		0						
12 C330 09-DEC-89pad_ac	106.67405	0				0		0
12 C330 17-AUG-90ac_rev	102.9	0				0		0
12 C330 19-NOV-90ac_rev	102.8	0				0		0
12 C330 08-FEB-91pad_ac	118.24234	0				0		0
12 C330 19-JUL-91ac_rev	124.2	0				0		0
12 C330 14-APR-92pad_ac	87.287051	0				0		0
12 C330 10-MAR-93ac_rev	201.6	0				1		0.5
12 C330 10-AUG-95ac_rev	238.4	0				21		4.8
12 C330 19-SEP-96ac_rev	239.5	0				24		5
12 C350 09-DEC-89pad_ac	18.478414	0	0	158.43808	50	69.061584	0	0
12 C350 17-AUG-90ac_rev		0	2.1			0		0
12 C350 19-NOV-90ac_rev		0	0			0		0
12 C350 08-FEB-91pad_ac		0	0			0		0
12 C350 19-JUL-91ac_rev		0	0			0		0
12 C350 14-APR-92pad_ac		0	0			0		0
12 C350 10-MAR-93ac_rev		0	0			0		0
12 C350 10-AUG-95ac_rev		0	0			0		0
12 C350 19-SEP-96ac_rev		0	0			0		0
13 0502 24-FEB-93ac_rev	14.9	0	1.8	2.3	4	1.9	0	0
13 0502 24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0502 10-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 0502 20-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0503 23-FEB-93ac_rev	0	0	0	0	0	0	0	0
13 0503 24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0503 10-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 0503 19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0504 22-FEB-93ac_rev	1.2	0	0	0	1	0.8	0	0
13 0504 24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0504 10-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 0504 19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0505 22-FEB-93ac_rev	2.4	0	0	0	2	1.3	0	0
13 0505 24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0505 10-JAN-96pad42_ac	0	0	0	0.7	2	3.3	0	0
13 0505 19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0506 22-FEB-93ac_rev	0	0	0	0	0	0	0	0
13 0506 24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0506 10-JAN-96pad42_ac	0	0	0	0	3	2.3	0	0
13 0506 19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0507 22-FEB-93ac_rev	0.7	0	0	0	0	0	0	0
13 0507 24-OCT-94ac_rev	0	0	0	0	0	0	0	0

13 0507	10-JAN-96pad42_ac	0	0	0	0	2	3.4	0	0
13 0507	19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0508	23-FEB-93ac_rev	0.2	0	0	0	1	0.7	0	0
13 0508	24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0508	10-JAN-96pad42_ac	0	0	0	0	2	1.7	0	0
13 0508	19-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 0509	23-FEB-93ac_rev	0.2	0	3.4	0	3	1.8	0	0
13 0509	24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 0509	10-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 0509	20-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 1001	20-MAR-89pad_ac	0	0	0	0	0	0	0	0
13 1001	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13 1001	24-FEB-92ac_rev	47.6	0	0	0	7	3.7	0	0
13 1001	25-OCT-94ac_rev	122	0	0	0	59	27.3	0	0
13 1001	13-JAN-96pad42_ac	140.6	61.6	0	0	98	58.1	0	0
13 1004	08-JAN-90pad_ac	0	0	0	0	0	0	0	0
13 1004	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13 1004	08-APR-91ac_rev	0	0	0	0	0	0	0	0
13 1004	25-OCT-94ac_rev	0	0	0	0	2	1.3	0	0
13 1004	14-JAN-96pad42_ac	0	0	0	0	18	25.6	0	0
13 1004	13-MAY-97ac_rev	0	0	0	0	51	30.8	0	0
13 1005	08-JAN-90pad_ac	0	0	0	0	0	0	0	0
13 1005	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13 1005	08-APR-91ac_rev	0	0	0	0	0	0	0	0
13 1005	21-JUL-92ac_rev	1	0	0	0	1	0	0.1	0
13 1005	26-OCT-94ac_rev	1.4	0	0	0	0	0	0	0
13 1005	08-AUG-95ac_rev	1.7	0	0	0	0	0	0	0
13 1005	14-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 1005	23-APR-96ac_rev	1.7	0	0	0	0	0	0	0
13 1031	09-JAN-90pad_ac	0	0	0	0	0	0	0	0
13 1031	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13 1031	12-APR-91ac_rev	0	0	0	0	0	0	0	0
13 1031	13-JUL-92ac_rev	0	0	0	0	0	0	0	0
13 1031	12-JAN-93ac_rev	0	0	0	0	0	0	0	0
13 1031	24-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 1031	02-AUG-95ac_rev	0	0	0	0	0	0	0	0
13 1031	13-JAN-96pad42_ac	0	0	1.1	0	0	0	0	0
13 1031	25-APR-96ac_rev	0	0	0	0	7	0	0	0
13 4092	09-MAY-89pad_ac	0	0	0	0	0	0	0	0
13 4092	16-JAN-91pad_ac	0	0	0	0	0	0	0	0
13 4092	09-APR-91ac_rev	0	0	0	0	0	0	0	0
13 4092	27-OCT-94ac_rev	1	0	3.3	0	7	5.4	0	0
13 4092	17-JAN-96pad42_ac	0	0	0	0	7	12.7	0	0
13 4093	09-MAY-89pad_ac	0	0	0	0	0	0	0	0
13 4093	16-JAN-91pad_ac	0	0	0	0	0	0	0	0
13 4093	09-APR-91ac_rev	0	0	0	0	1	0.3	0	0
13 4093	26-OCT-94ac_rev	0	0	0.9	0	4	2.6	0	0
13 4093	17-JAN-96pad42_ac	0	0	1.2	0	8	8.2	0	0
13 4096	10-MAY-89pad_ac	0	0	0	0	0	0	0	0
13 4096	16-JAN-91pad_ac	0	0	0	0	0	0	0	0
13 4096	09-APR-91ac_rev	0	0	0	0	0	0	0	0
13 4096	26-OCT-94ac_rev	0.7	0	1.2	0	0	0	0	0
13 4096	15-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13 4111	20-MAR-89pad_ac	0	0	0	8.156448	4	3.76428	0	0
13 4111	04-MAR-91pad_ac	0	0	0	88.596216	2	2.52984	0	0
13 4111	24-FEB-92ac_rev	29.4	0	145.4	46.3	2	3	0	0
13 4112	04-MAY-89pad_ac	0	0	0	0	0	0	0	0
13 4112	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13 4112	09-APR-91ac_rev	0	0	0	0	0	0	0	0
13 4112	27-OCT-94ac_rev	0	0	0	0	2	1	0	0
13 4112	25-JAN-96pad42_ac	0	0	0	0	5	3.3	0	0
13 4113	04-MAY-89pad_ac	0	0	0	0	0	0	0	0
13 4113	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13 4113	09-APR-91ac_rev	0	0	0	0	0	0	0	0
13 4113	27-OCT-94ac_rev	0	0	0	0	0	0	0	0
13 4113	25-JAN-96pad42_ac	0	0	0	28.2	3	2.9	0	0
13 4119	08-JAN-90pad_ac	0	0	0	0	0	0	0	0
13 4119	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13 4119	24-FEB-92ac_rev	0	0	0	0	0	0	0	0
13 4119	24-OCT-94ac_rev	0	0	0	0	0	0	1	0.6
13 4119	08-NOV-95ac_rev	0	0	0	0	4	1.7	1	0.9
13 4119	16-MAY-97ac_rev	0	0	0	0	0	0	0	0
13 4420	11-APR-89pad_ac	0	0	0	0	0	0	0	0
13 4420	09-FEB-91pad_ac	0	0	0	0	0	0	0	0
13 4420	10-APR-91ac_rev	0	0	0	0	0	0	0	0
13 4420	21-APR-92ac_rev	116.5	0	0	0	0	0	0	0
13 4420	05-NOV-93ac_rev	0	0	0	0	2	0	0	0
13 4420	27-OCT-94ac_rev	0	0	0	3.5	2	0	0	0
13 4420	25-JAN-96pad42_ac	0	0	0	5.1	5	0	0	0
13 4420	22-APR-97ac_rev	4.7	0	0	24.5	17	0	0	0
13 7028	27-MAR-89pad_ac	0	0	0	0	0	0	0	0

13	7028	04-MAR-91pad_ac	0	0	0			0	0	0
13	7028	25-OCT-94ac_rev	0	0	0			0	0	0
13	7028	13-JAN-96pad42_ac	0	0	0.4			0	0	0
13	7028	15-MAY-97ac_rev	0	0	0			0	0	0
17	1002	07-JUL-89ac_rev	0	0	0	0	0	0	0	0
17	1002	11-SEP-89pad_ac	0	0	0	45.585888	0	0	0	0
17	1002	07-JUN-90pad_ac	0	0	0	86.73084	0	0	0	0
17	1002	17-JUN-90pad_ac	0	0	0	75.370944	0	0	0	0
17	1002	07-JUN-91pad_ac	0	0	0	144.63674	0	0	0	0
17	1002	29-AUG-91ac_rev	0	0	0	287.7	1	0.9	0	0
17	1002	17-AUG-93ac_rev	0	0	0	327.9	5	3.6	0	0
17	1002	28-JUL-94pad42_ac	0.9	0	0	322.8	17	26.1	0	0
17	1002	03-JUL-96pad42_ac	6.9	0	0	347.9	60	64.8	0	0
17	1003	15-JUL-88ac_rev	0	0	0				0	0
17	1003	23-JUN-89pad_ac	0	0	0				0	0
17	1003	22-JUN-90pad_ac	0	0	0				0	0
17	1003	13-MAY-91pad_ac	0	0	0				0	0
17	1003	25-JUL-91ac_rev	0	0	0				0	0
17	1003	17-DEC-91pad_ac	0	0	0				0	0
17	1003	04-MAY-92ac_rev	0	0	0				0	0
17	1003	12-MAY-93ac_rev	0	0	0				0	0
17	1003	15-NOV-93pad42_ac	0	0	0				0	0
17	1003	26-JUN-95ac_rev	1.1	0	0				0	0
17	1003	25-MAR-96pad42_ac	0	0	2.4				0	0
17	5151	89-09-22 pad_ac	0	0	0	2.80416	133	397.2732680	0	0
17	5151	90-05-07 pad_ac	0	0	0	0	0	0	0	0
17	5151	19-MAY-91pad_ac	0	0	0	0			0	0
17	5151	22-APR-93pad42_ac	0	0	0	0			0	0
17	5151	27-MAR-96pad42_ac	0	0	0	0			0	0
17	5217	89-09-24 pad_ac	0	0	0	0	20	77.748384	0	0
17	5217	90-05-07 pad_ac	0	0	0	82.317336	0	0	0	0
17	5217	94-07-29 pad42_ac	0	0	0	0	14	37.1	0	0
17	5217	96-03-26 pad42_ac	0	0	0	0	0	0	0	0
17	5423	06-JUL-89ac_rev	0	0	0	0			0	0
17	5423	24-SEP-89pad_ac	0	0	0	0			0	0
17	5423	26-MAR-96pad42_ac	0	0	0	0			7	6.4
17	5453	30-OCT-89ac_rev	0	0	0				0	0
17	5453	06-NOV-89pad_ac	0	0	0				0	0
17	5453	13-MAY-91pad_ac	0	0	0				0	0
17	5453	15-NOV-93pad42_ac	1.2	0	0				0	0
17	5453	23-MAR-96pad42_ac	2.3	0	0				0	0
17	5453	29-APR-96ac_rev	8.4	0	0				0	0
17	6050	15-JUL-88ac_rev	0	0	0				0	0
17	6050	22-JUN-89pad_ac	0	0	0				0	0
17	6050	13-MAY-91pad_ac	0	0	0				0	0
17	6050	25-MAR-93ac_rev	0	0	0				0	0
17	6050	15-NOV-93pad42_ac	0	0	67.6				0	0
17	6050	25-MAR-96pad42_ac	0	0	99.1				0	0
17	7937	03-AUG-88ac_rev	0	0	0	0			0	0
17	7937	24-JUN-89pad_ac	0	0	0	42.1386			0	0
17	7937	20-MAY-91pad_ac	0	0	0	94.006416			0	0
17	7937	22-APR-93pad42_ac	0	0	90.8	128.5			4	1.4
17	7937	27-MAR-96pad42_ac	0	0	0	0	0	0	0	0
17	9327	89-09-24 pad_ac	0	0	0	0	26	103.5801840	0	0
17	9327	90-05-07 pad_ac	0	0	0	100.75773612			10.45464	1
17	9327	29-JUL-94pad42_ac	0	0	0				0	0.86957245
17	9327	04-APR-95ac_rev	0	0	0				0	0
17	9327	26-MAR-96pad42_ac	0	0	0				0	0
17	A310	02-APR-90ac_rev	0	0	0	0	0	0	0	0
17	A310	22-JUN-90pad_ac	0	0	0	0	0	0	0	0
17	A310	02-NOV-90ac_rev	0	0	0	0	0	0	0	0
17	A310	13-MAY-91pad_ac	0	0	0	0	0	0	0	0
17	A310	25-JUL-91ac_rev	0	0	0	0	0	0	0	0
17	A310	17-DEC-91pad_ac	0	0	0	0	0	0	0	0
17	A310	04-MAY-92ac_rev	0	0	0	0	0	0	0	0
17	A310	13-MAY-92ac_rev	0	0	0	0	0	0	0	0
17	A310	13-MAY-93ac_rev	0	0	0	0	0	0	0	0
17	A310	26-JUN-95ac_rev	0	0	0	43.8	0	0	0	0
17	A320	90-04-02 ac_rev	0	0	0	0	0	0	0	0
17	A320	90-06-22 pad_ac	0	0	0	17.09928	0	0	0	0
17	A320	02-NOV-90ac_rev	0	0	0	0	0	0	0	0
17	A320	13-MAY-91pad_ac	0	0	0	0	0	0	0	0
17	A320	25-JUL-91ac_rev	0	0	0	0	0	0	0	0
17	A320	17-DEC-91pad_ac	0	0	0	0	0	0	0	0
17	A320	04-MAY-92ac_rev	0	0	0	0	0	0	0	0
17	A320	13-MAY-93ac_rev	0	0	0	0	0	0	0	0
17	A320	26-JUN-95ac_rev	0	0	0	0	0	0	0	0
17	A330	02-APR-90ac_rev	0	0	0	0	0	0	0	0
17	A330	22-JUN-90pad_ac	0	0	0	0	0	0	0	0
17	A330	02-NOV-90ac_rev	0	0	0	0	0	0	0	0
17	A330	13-MAY-91pad_ac	0	0	0	0	0	0	0	0

17	A330	25-JUL-91ac_rev	0	0	0	0	0	0	0
17	A330	17-DEC-91pad_ac	0	0	0	0	0	0	0
17	A330	04-MAY-92ac_rev	0	0	0	0	0	0	0
17	A330	13-MAY-93ac_rev	0	0	0	0	0	0	0
17	A330	26-JUN-95ac_rev	7	0	0	0	0	0	0
17	A340	02-APR-90ac_rev	0	0	0	0	0	0	0
17	A340	22-JUN-90pad_ac	0	0	0	0	0	0	0
17	A340	02-NOV-90ac_rev	0	0	0	0	0	0	0
17	A340	13-MAY-91pad_ac	0	0	0	0	0	0	0
17	A340	25-JUL-91ac_rev	0	0	0	0	0	0	0
17	A340	17-DEC-91pad_ac	0	0	0	0	0	0	0
17	A340	04-MAY-92ac_rev	0	0	0	0	2	0	0
17	A340	13-MAY-93ac_rev	0	0	0	0	0	0	0
17	A340	26-JUN-95ac_rev	0.2	0	7	0	0	0	0
17	A350	90-04-02 ac_rev	0	0	0	0	0	0	0
17	A350	90-06-22 pad_ac	0	0	0	0	0	0	0
17	A350	02-NOV-90ac_rev	0	0	0	0	0	0	0
17	A350	13-MAY-91pad_ac	0	0	0	0	0	0	0
17	A350	25-JUL-91ac_rev	0.1	0	0	0	0	0	0
17	A350	17-DEC-91pad_ac	0	0	0	0	0	0	0
17	A350	04-MAY-92ac_rev	0	0	0	0	0	0	0
17	A350	13-MAY-93ac_rev	0	0	0	0	0	0	0
17	A350	26-JUN-95ac_rev	0	0	0	0	0	0	0
17	B310	07-JUN-90ac_rev	0	0	0	0	0	0	0
17	B310	07-JUN-90pad_ac	0	0	0	0	0	0	0
17	B310	04-OCT-90ac_rev	0	0	0	0	0	0	0
17	B310	08-AUG-91ac_rev	0	0	3.5	1	1.1	0	0
17	B310	29-AUG-91ac_rev	0	0	0	0	0	0	0
17	B310	16-SEP-92ac_rev	0	0	0	0	0	0	0
17	B310	17-AUG-93ac_rev	0	0	90.5	0	0	0	0
17	B320	90-06-07 ac_rev	0	0	0	152.5	1	3.7	0
17	B320	90-06-07 pad_ac	0	0	0	128.20192	3	5.998464	0
17	B320	04-OCT-90ac_rev	0	0	0	0	3.7	0	0
17	B320	29-AUG-91ac_rev	0	0	0	218.1	3.7	0	0
17	B320	16-SEP-92ac_rev	0	0	0	235.2	10.7	0	0
17	B320	17-AUG-93ac_rev	0	0	0	241.4	13.7	0	0
17	B330	07-JUN-90ac_rev	0	0	0	152.5	0	0	0
17	B330	07-JUN-90pad_ac	0	0	0	113.6081	0	0	0
17	B330	04-OCT-90ac_rev	0	0	0	201	0	0	0
17	B330	29-AUG-91ac_rev	0	0	0	277.2	0	0	0
17	B330	16-SEP-92ac_rev	0	0	0	305	4	4.9	0
17	B330	17-AUG-93ac_rev	0	0	0	305	5	8.8	0
17	B340	07-JUN-90ac_rev	0	0	0	152.5	0	0	0
17	B340	07-JUN-90pad_ac	0	0	0	142.43608	0	0	0
17	B340	04-OCT-90ac_rev	0	0	0	152.5	0	0	0
17	B340	29-AUG-91ac_rev	0	0	0.9	267.5	0	0	0
17	B340	16-SEP-92ac_rev	0	0	0	309.3	3	3.8	0
17	B340	17-AUG-93ac_rev	0	0	0	315.4	5	7.8	0
17	B350	90-06-07 ac_rev	0	0	0	152.5	0	0	0
17	B350	90-06-07 pad_ac	0	0	0	130.43611	0	0	0
17	B350	04-OCT-90ac_rev	0	0	0	0	0	0	0
17	B350	29-AUG-91ac_rev	0	0	0	177.2	0	0	0
17	B350	16-SEP-92ac_rev	0	0	0	305	1	0	0
17	B350	17-AUG-93ac_rev	0	0	0	305	1	0.8	0
18	1028	27-JUL-88ac_rev	0	0	0	0	0	0	0
18	1028	05-NOV-89pad_ac	0	0	0	0	0	0	0
18	1028	04-APR-90ac_rev	0	0	0	0	0	0	0
18	1028	28-JUN-90pad_ac	0	0	0	0	0	0	0
18	1028	09-MAY-91pad_ac	0	0	0	0	0	0	0
18	1028	11-JUL-91ac_rev	0	0	0	0	0	0	0
18	1028	19-DEC-91ac_rev	0	0	0	0	0	0	0
18	1028	01-MAY-92ac_rev	0	0	0	0	0	0	0
18	1028	18-MAR-93ac_rev	0	0	0	0	0	0	0
18	1028	27-MAY-94pad42_ac	0	0	0	0	0	1	0.2
18	1028	05-APR-95ac_rev	0	0	0	0	0	0	0
18	1037	27-JUL-88ac_rev	0	0	0	0	0	0	0
18	1037	06-NOV-89pad_ac	0	0	0	0	0	0	0
18	1037	09-MAY-91pad_ac	0	0	0	0	0	0	0
18	1037	15-NOV-91ac_rev	0	0	0	0	0	0	0
18	1037	06-OCT-92pad42_ac	0	0	0	0	0	0	0
18	1037	23-MAR-93ac_rev	0	0	0	0	0	0	0
18	1037	27-MAY-94pad42_ac	3.6	0	0	0	0	0	0
18	1037	94-10-13 ac_rev	0	0	0	0	0	0	0
18	1037	96-03-23 pad42_ac	0	0	0.8	186.6	37	65.3	0
18	2008	14-JUL-88ac_rev	0	0	0	0	53	120.8	0
18	2008	28-JUN-89pad_ac	0	0	0	0	0	0	0
18	2008	13-OCT-90pad_ac	0	0	0	0	0	0	0
18	2008	05-NOV-92pad42_ac	0	0	0	0	0	0	0
18	2008	11-APR-94ac_rev	0	0	0	0	0	0	0
18	2008	04-JUL-96pad42_ac	0	0	0	0	0	0	0
18	2009	25-SEP-89pad_ac	0	0	0	0	13	42.55008	0

18	2009	15-JUN-93	ac_rev	0		18.1	16	44.7	0	0
18	2009	31-JUL-94	pad42_ac	0		29.1	18	60.3	0	0
18	2009	16-MAR-96	pad42_ac	0		95.1	27	70.4	0	0
18	3003	29-OCT-93	ac_rev	0	0	0	0	0	0	0
18	3003	24-MAY-94	pad42_ac	0	0	0	0	0	0	0
18	3003	04-JUL-96	pad42_ac	0	0	0	1	3.5	0	0
18	5022	28-OCT-93	ac_rev	0	0	0			0	0
18	5022	31-JUL-94	pad42_ac	0	0	0			0	0
18	5022	18-MAR-96	pad42_ac	0	0	0			0	0
18	5518	12-NOV-89	pad_ac	0	0	0	167	751.2984640		0
18	5518	15-NOV-93	ac_rev	0	0	0			0	0
18	5518	29-JUL-94	pad42_ac	0	0	0	1	3.6	0	0
18	5518	22-NOV-94	ac_rev	0	0	0	1	3.7	0	0
18	5518	16-MAR-96	pad42_ac	0	0	0			0	0
18	5528	18-JUN-90	pad_ac	0	0	15.258288	0	0	0	0
18	5528	91-06-05	pad_ac	0	0	0	2	7.55904	0	0
18	5528	92-11-04	pad42_ac	0	0	0	6	12.7	0	0
18	5538	18-JUN-90	pad_ac	0	0	3.788664			0	0
18	5538	05-JUN-91	pad_ac	0	0	0			0	0
18	5538	04-NOV-92	pad42_ac	0	0	0			0	0
18	6012	25-JUL-88	ac_rev	0	0		32	0	0	0
18	6012	05-NOV-89	pad_ac	0	0		34	116.25986	0	0
18	6012	09-MAY-91	pad_ac	0	0		38	127.64414	0	0
18	6012	23-MAR-93	ac_rev	0	0		40	134.6	0	0
18	6012	27-MAY-94	pad42_ac	0	0		40	140.9	0	0
18	6012	95-11-08	ac_rev	0	0	0	0	0	0	0
18	6012	96-03-23	pad42_ac	0	0	0	0	0	0	0
18	A310	04-APR-90	ac_rev	0	0				0	0
18	A310	28-JUN-90	pad_ac	0	0				0	0
18	A310	19-NOV-90	ac_rev	0	0				0	0
18	A310	09-MAY-91	pad_ac	0	0				0	0
18	A310	11-JUL-91	ac_rev	0	0				0	0
18	A310	19-DEC-91	ac_rev	0	0				0	0
18	A310	01-MAY-92	ac_rev	0	0	0	0	0	0	0
18	A310	18-MAR-93	ac_rev	0	0	15.5	24.5	6	9	0
18	A310	11-MAY-94	ac_rev	0	0	11	39.8	14	26.2	0
18	A310	05-APR-95	ac_rev	0	0	11	52.3	18	29.9	0
18	A320	28-JUN-90	pad_ac	0	0	0	97.917	8	9.476232	0
18	A320	19-NOV-90	ac_rev	0	0				0	0
18	A320	09-MAY-91	pad_ac	0	0				0	0
18	A320	11-JUL-91	ac_rev	0	0				0	0
18	A320	20-DEC-91	ac_rev	0	0				0	0
18	A320	01-MAY-92	ac_rev	0	0				0	0
18	A320	18-MAR-93	ac_rev	0	0				0	0
18	A320	11-MAY-94	ac_rev	12.8					0	0
18	A320	05-APR-95	ac_rev	12.8					0	0
18	A330	04-APR-90	ac_rev	0	0				0	0
18	A330	28-JUN-90	pad_ac	0	0				0	0
18	A330	19-NOV-90	ac_rev	0	0				0	0
18	A330	09-MAY-91	pad_ac	0	0				0	0
18	A330	20-DEC-91	ac_rev	0	0				0	0
18	A330	01-MAY-92	ac_rev	0	0				0	0
18	A330	18-MAR-93	ac_rev	0	0				0	0
18	A330	11-MAY-94	ac_rev	0	0				0	0
18	A330	05-APR-95	ac_rev	0	0				0	0
18	A340	04-APR-90	ac_rev	0	0				0	0
18	A340	28-JUN-90	pad_ac	0	0				0	0
18	A340	19-NOV-90	ac_rev	0	0				0	0
18	A340	09-MAY-91	pad_ac	0	0				0	0
18	A340	20-DEC-91	ac_rev	0	0				0	0
18	A340	01-MAY-92	ac_rev	0	0				0	0
18	A340	18-MAR-93	ac_rev	0	0				0	0
18	A340	11-MAY-94	ac_rev	0	0				0	0
18	A340	05-APR-95	ac_rev	0	0				0	0
18	A350	90-04-04	ac_rev	0	0	152.5	5	1.8	0	0
18	A350	90-06-28	pad_ac	0	0	0	7	4.1148	0	0
18	A350	19-NOV-90	ac_rev	0	0	0	0	0	0	0
18	A350	09-MAY-91	pad_ac	0	0	0	0	0	0	0
18	A350	20-DEC-91	ac_rev	0	0	0	3	0	0	0
18	A350	01-MAY-92	ac_rev	0	0	0	3	4.6	0	0
18	A350	18-MAR-93	ac_rev	0	0	0	9	6.5	0	0
18	A350	11-MAY-94	ac_rev	0	0	0	16	16.1	0	0
18	A350	05-APR-95	ac_rev	0	0	0	17	16.6	0	0
19	0101	25-APR-95	ac_rev	0	0	0	0	0	0	0
19	0101	12-SEP-95	ac_rev	0	0	0	90.5	0	0	0
19	0101	29-MAR-96	pad42_ac	0	0	21.2	156.2	13	15.8	0
19	0102	95-09-12	ac_rev	0	0	5	91	0	0	0
19	0102	96-03-29	pad42_ac	13.7	0	80.1	101.2	43	52.1	0
19	0103	95-09-12	ac_rev	0	0	0	0	0	0	0
19	0103	96-03-29	pad42_ac	0.7	0	18.4	45	17	20.9	0
19	0104	95-09-12	ac_rev	0	0	34.1	0	1	3.6	0

19	0104	96-03-29	pad42_ac	1.1	0	62.4	48.5	55	62.9	0	0
19	0105	95-09-12	ac_rev	0	0	18.5	92	1	1	0	0
19	0105	96-03-29	pad42_ac	1.7	0	47.3	126.9	17	27.5	0	0
19	0106	95-09-12	ac_rev	0	0	14.4	16.3	0	0	0	0
19	0106	96-03-29	pad42_ac	0.7	0	27.6	27.9	32	37.4	0	0
19	0107	05-NOV-93	ac_rev	0	0	0	0	0	0	0	0
19	0107	13-SEP-95	ac_rev	0	0	0	0	0	0	0	0
19	0107	29-MAR-96	pad42_ac	0	0	0	1.1	0	0	0	0
19	0108	95-09-11	ac_rev	0	0	47.4	78.5	0	0	0	0
19	0108	96-03-29	pad42_ac	1.6	0	83.4	137.7	24	28.8	0	0
19	0109	95-09-11	ac_rev	0	0	12	48	0	0	0	0
19	0109	96-03-29	pad42_ac	0	0	6.8	164.6	4	11.3	0	0
19	0110	95-09-11	ac_rev	0	0	3	0	0	0	0	0
19	0110	96-03-29	pad42_ac	1	0	15.9	14.9	9	14.5	0	0
19	0111	95-09-12	ac_rev	0	0	0	0	0	0	0	0
19	0111	96-03-29	pad42_ac	0.3	0	5.8	137	8	14	0	0
19	0112	95-09-12	ac_rev	0	0	0	0	0	0	0	0
19	0112	96-03-29	pad42_ac	0.1	0	2.1	83.5	6	10.7	0	0
19	1044	21-SEP-89	pad_ac	0	0		150.0317			0	
19	1044	17-JUN-90	pad_ac	0	0		153.50337			0	
19	1044	26-APR-93	pad42_ac	0	0		193			0	
19	1044	01-SEP-94	ac_rev	0	0		237.6			25	
19	1044	14-SEP-95	ac_rev	0	0		110.1			19	
19	1044	27-MAR-96	pad42_ac	0	0		179.9			16	
19	6049	25-JUL-88	ac_rev	0	0	0	0			0	
19	6049	22-SEP-89	pad_ac	0	0	0	195.81266			0	
19	6049	08-MAY-91	pad_ac	0	0	0	153.293056			0	
19	6049	22-APR-93	pad42_ac	0	0	2.7	280.6			0	
19	6049	28-MAR-96	pad42_ac	7.6	0	4.5	302.1			0	
19	6150	05-APR-90	ac_rev							0	
19	6150	01-JUN-90	pad_ac							0	
19	6150	02-MAY-91	ac_rev							0	
19	6150	18-MAY-91	pad_ac							0	
19	6150	15-OCT-92	ac_rev							0	
19	6150	16-SEP-93	ac_rev							0	
19	9116	14-JUN-89	pad_ac	0	0	0	0	197	714.2439340	0	0
19	9116	15-NOV-90	pad_ac	0	0	0	0		0	0	0
19	9116	07-MAY-93	pad42_ac	0	0	0	0		0	0	0
19	9116	29-AUG-94	ac_rev	0	0	0	0		0	0	0
19	9116	03-APR-96	pad42_ac	0	0	0	0		0	0	0
19	9126	22-SEP-89	pad_ac	0	0	0	0	0	0	0	0
19	9126	19-MAY-91	pad_ac	0	0	0	0	1	2.828544	0	0
19	9126	22-APR-93	pad42_ac	0	0	0	7.9	13	22.1	0	0
19	A310	01-JUN-90	pad_ac	17.518726	0	0	234.0041	149	208.73923	0	0
19	A310	19-NOV-90	ac_rev	0	0	0	0	40	41.5	0	0
19	A310	02-MAY-91	ac_rev	0	0	0	0	71	96.1	0	0
19	A310	18-MAY-91	pad_ac	0	0	0	2.203704	53	95.103696	0	0
19	A310	15-OCT-92	ac_rev	1.8	0	0	5.7	74	101.1	0	0
19	A310	16-SEP-93	ac_rev	5.7	0	0	29	80	127	0	0
19	A320	01-JUN-90	pad_ac	34.026667	0	0	179.63083	128	203.66736	0	0
19	A320	19-NOV-90	ac_rev							0	0
19	A320	18-MAY-91	pad_ac							0	0
19	A320	10-JUN-91	ac_rev							0	0
19	A320	15-OCT-92	ac_rev							0	0
19	A320	16-SEP-93	ac_rev							0	0
19	A330	01-JUN-90	pad_ac					106	0	0	0
19	A330	19-NOV-90	ac_rev					83	0	0	0
19	A330	02-MAY-91	ac_rev					72	0	0	0
19	A330	18-MAY-91	pad_ac					91	0	0	0
19	A330	15-OCT-92	ac_rev					114	0	0	0
19	A330	16-SEP-93	ac_rev					92	0	0	0
19	A340	01-JUN-90	pad_ac			0			0	0	0
19	A340	19-NOV-90	ac_rev			4.6			0	0	0
19	A340	02-MAY-91	ac_rev			0.6			0	0	0
19	A340	18-MAY-91	pad_ac			0			0	0	0
19	A340	15-OCT-92	ac_rev			0			0	0	0
19	A340	16-SEP-93	ac_rev			0			0	0	0
19	A350	01-JUN-90	pad_ac	17.38494520	0	0	360.81614	85	159.1391280	0	0
19	A350	19-NOV-90	ac_rev	0	0	0	0		0	0	0
19	A350	02-MAY-91	ac_rev	0	0	0	0		0	0	0
19	A350	18-MAY-91	pad_ac	0	0	0	10.37844		0	0	0
19	A350	15-OCT-92	ac_rev	8.7	0	0	85		0	0	0
19	A350	16-SEP-93	ac_rev	37	0	0	143.5		0	0	0
20	0101	26-OCT-93	ac_rev		0	0	0	0	0	0	0
20	0101	25-AUG-94	ac_rev		0	0	0	0	0	0	0
20	0101	16-AUG-95	ac_rev		0	0	0	0	0	0	0
20	0101	23-APR-96	pad42_ac		0	3.4	1		1.9	0	0
20	0101	25-MAR-97	ac_rev		0	0	0		0	0	0
20	0102	27-OCT-93	ac_rev		0	0	0		0	0	0
20	0102	25-AUG-94	ac_rev		0	0	0		0	0	0
20	0102	16-AUG-95	ac_rev		0	0	0		0	0	0

20	0102	23-APR-96pad42_ac		0					0		0
20	0102	25-MAR-97ac_rev		0					0		0
20	0103	28-OCT-93ac_rev	0	0	0		0		0		0
20	0103	24-AUG-94ac_rev	0	0	0		0		0		0
20	0103	16-AUG-95ac_rev	0	0	0		0		0		0
20	0103	23-APR-96pad42_ac	12.7	0	0		3		0		0
20	0103	27-MAR-97ac_rev	97.4	0	0		3		0		0
20	0104	28-OCT-93ac_rev	0	0	0		0		0		0
20	0104	24-AUG-94ac_rev	0	0	0		0		0		0
20	0104	17-AUG-95ac_rev	0	0	0		0		0		0
20	0104	23-APR-96pad42_ac	15.8	0	0		13.1		0		0
20	0104	27-MAR-97ac_rev	37.4	0	0		62		0		0
20	0105	27-OCT-93ac_rev	0	0	0		0		0		0
20	0105	24-AUG-94ac_rev	0	0	0		0		0		0
20	0105	17-AUG-95ac_rev	0	0	0		0		0		0
20	0105	23-APR-96pad42_ac	7.5	0	0		4.4		0		0
20	0105	27-MAR-97ac_rev	167	0	0		0		0		0
20	0106	27-OCT-93ac_rev		0	0				0		0
20	0106	25-AUG-94ac_rev		0	0				0		0
20	0106	16-AUG-95ac_rev		0	0				0		0
20	0106	23-APR-96pad42_ac		0	0				0		0
20	0106	26-MAR-97ac_rev		0	0				0		0
20	0107	27-OCT-93ac_rev		0	0		0		0		0
20	0107	25-AUG-94ac_rev		0	0		0		0		0
20	0107	16-AUG-95ac_rev		0	0		0		0		0
20	0107	23-APR-96pad42_ac		0	0		0		0		0
20	0107	26-MAR-97ac_rev		0	0		0		0		0
20	0108	27-OCT-93ac_rev	0	0	0		0		0		0
20	0108	25-AUG-94ac_rev	0	0	0		0		0		0
20	0108	16-AUG-95ac_rev	0	0	0		0		0		0
20	0108	23-APR-96pad42_ac	23.2	0	0		0.7		0		0
20	0108	26-MAR-97ac_rev	66.5	0	0		0		0		0
20	0109	27-OCT-93ac_rev	0	0	0				0		0
20	0109	25-AUG-94ac_rev	0	0	0				0		0
20	0109	16-AUG-95ac_rev	0	0	0				0		0
20	0109	23-APR-96pad42_ac	8.7	0	0				0		0
20	0109	26-MAR-97ac_rev	87.9	0	0				0		0
20	0110	27-OCT-93ac_rev	0	0	0				0		0
20	0110	26-AUG-94ac_rev	0	0	0				0		0
20	0110	16-AUG-95ac_rev	0	0	0				0		0
20	0110	23-APR-96pad42_ac	8.8	0	0				0		0
20	0110	26-MAR-97ac_rev	29.7	0	0				0		0
20	0111	27-OCT-93ac_rev		0	0	0	0	0	0		0
20	0111	24-AUG-94ac_rev		0	0	0	0	0	0		0
20	0111	16-AUG-95ac_rev		0	0	0	0	0	0		0
20	0111	27-MAR-96ac_rev		0	0	3	0	0	0		0
20	0111	23-APR-96pad42_ac		0	65.1	0.3	7	24.1	0		0
20	0112	27-OCT-93ac_rev	0	0	0				0		0
20	0112	24-AUG-94ac_rev	0	0	0				0		0
20	0112	17-AUG-95ac_rev	0	0	0				0		0
20	0112	23-APR-96pad42_ac	0	0	0				0		0
20	0112	26-MAR-97ac_rev	34	0	0				0		0
20	1005	23-AUG-88ac_rev					0		1		0.1
20	1005	10-MAR-89pad_ac					208.31251		2		0.78038553
20	1005	30-NOV-90ac_rev					183.5		1		0.3
20	1005	05-DEC-90pad_ac					164.369496		0		0
20	1005	18-APR-91ac_rev					176.4		0		0
20	1005	15-DEC-91pad_ac					197.1172		0		0
20	1005	05-APR-93pad42_ac					195.1		0		0
20	1005	23-APR-93ac_rev					135		0		0
20	1005	09-APR-96pad42_ac					303.4		0		0
20	1006	26-AUG-88ac_rev	0	0	0		0	7	0		0
20	1006	14-MAR-89pad_ac	0	0	0		0	18	0		0
20	1006	14-MAR-91pad_ac	0	0	0		28.55976	32	0		0
20	1006	08-MAR-93pad42_ac	0.9	0	0		39.3	42	0		0
20	1006	19-APR-96pad42_ac	0	0	0		80.2	47	0		0
20	1009	25-AUG-88ac_rev		0	0				0		0
20	1009	02-MAY-89pad_ac		0	0				0		0
20	1009	10-DEC-90pad_ac		0	0				0		0
20	1009	08-APR-93pad42_ac		0	2.6				0		0
20	1009	23-APR-96pad42_ac		0	0				0		0
20	1009	26-APR-96ac_rev		0	0				0		0
20	1010	25-AUG-88ac_rev		0	0				0		0
20	1010	10-JAN-89pad_ac		0	0				0		0
20	1010	28-NOV-90ac_rev		0	0				0		0
20	1010	10-DEC-90pad_ac		0	0				0		0
20	1010	29-APR-91ac_rev		0	0				0		0
20	1010	26-OCT-91pad_ac		0	0				0		0
20	1010	03-MAR-92pad_ac		0	0				0		0
20	1010	11-APR-93pad42_ac		0	0				0		0
20	1010	22-APR-93ac_rev		0	0				0		0

20	1010	13-APR-95ac_rev	0					1	0.6
20	1010	24-APR-96pad42_ac	0					2	5.2
20	1010	24-MAR-97ac_rev	0					2	23.7
20	4067	93-04-08 pad42_ac	0	0	0	0	0	0	0
20	4067	96-04-23 pad42_ac	0	0	0	0	0	0	0
20	6026	24-AUG-88ac_rev	0	0	0	0	0	0	0
20	6026	02-MAY-89pad_ac	0	0	0	0	9	31.879032	0
20	6026	10-DEC-90pad_ac	0	0	0	4.425696	22	58.783728	0
20	6026	14-DEC-92ac_rev	0	0	0	0	8	29.3	0
20	6026	15-JUN-94pad42_ac	0	0	0	0	8	31.1	0
20	6026	23-APR-96pad42_ac	0	0	0	195.4	11	41.2	0
20	7073	24-AUG-88ac_rev	0	0	0	0		0	0
20	7073	04-MAY-89pad_ac	0	0	0	55.1688		0	0
20	7073	05-DEC-90pad_ac	0	0	0	50.365152		6	14.379532
20	7073	94-05-16 ac_rev	0	0	0	49.5	9	8.7	0
20	7073	94-06-14 pad42_ac	0	0	0	0	0	0	0
20	7085	24-AUG-88ac_rev	0	0	0	0		0	0
20	7085	09-MAY-89pad_ac	0	0	0	22.744176		0	0
20	7085	05-DEC-90pad_ac	0	0	0	100.053648		0	0
20	7085	92-12-07 ac_rev	0	0	0	0	0	0	0
20	7085	96-04-08 pad42_ac	0	0	2.4	1.5	4	7.7	0
20	A310	09-JUL-90ac_rev	0	0	9.8	200.7	55	129	0
20	A310	30-NOV-90ac_rev	0	0	0	0		0	0
20	A310	05-DEC-90pad_ac	0	0	0	4.834128		0	0
20	A310	18-APR-91ac_rev	0	0	0	31		0	0
20	A310	15-DEC-91pad_ac	0	0	0	56.820816		0	0
20	A310	23-APR-93ac_rev	0	38.1	10.3	72		0	0
20	A320	09-JUL-90ac_rev	0	0	23.9	154.5	47	123.8	0
20	A320	30-NOV-90ac_rev	0	0	0	0		95.3	0
20	A320	05-DEC-90pad_ac	0	0	0	0		122.7947760	0
20	A320	18-APR-91ac_rev	0	21.8	0	0		150	0
20	A320	15-DEC-91pad_ac	0	28.065079	0	0		138.1109760	0
20	A320	23-APR-93ac_rev	0	200.8	0	0		120.9	0
20	A330	09-JUL-90ac_rev	0	0	0	0		0	0
20	A330	30-NOV-90ac_rev	0	0	0	0		0	0
20	A330	05-DEC-90pad_ac	0	0	0	0		0	0
20	A330	19-APR-91ac_rev	0	0	0	0		0	0
20	A330	15-DEC-91pad_ac	0	0	0	0		0	0
20	A330	23-APR-93ac_rev	0	287.1	0	0		0	0
20	A340	09-JUL-90ac_rev	0	0	0	0		139.2	0
20	A340	30-NOV-90ac_rev	0	0	0	0		134.5	1
20	A340	05-DEC-90pad_ac	0	0	0	0		157.6943760	0
20	A340	18-APR-91ac_rev	0	0	0	0		149	0
20	A340	15-DEC-91pad_ac	1.1519976	0	0	0		156.2496240	0
20	A340	23-APR-93ac_rev	0	0	0	0		140.1	0
20	A350	09-JUL-90ac_rev	0	193.1	25.6	30.2	37	88.8	0
20	A350	30-NOV-90ac_rev	0	0	0	0		0	0
20	A350	05-DEC-90pad_ac	0	0	0	0		0	0
20	A350	18-APR-91ac_rev	0	0	0	0		0	0
20	A350	15-DEC-91pad_ac	0	0	0	0		0	0
20	A350	23-APR-93ac_rev	0	249.2	0	0		0	0
20	B310	10-JUL-90ac_rev	0	0	0	23.2	5	12.5	0
20	B310	28-NOV-90ac_rev	0	0	0	0		0	0
20	B310	10-DEC-90pad_ac	0	0	0	0		0	0
20	B310	29-APR-91ac_rev	0	0	0	0		0	0
20	B310	26-OCT-91pad_ac	0	0	0	0		0	0
20	B310	03-MAR-92pad_ac	0	0	0	0		0	0
20	B310	22-APR-93ac_rev	0	0	0	0		1	0.2
20	B310	23-APR-93ac_rev	0	0	0	0		1	0.2
20	B310	13-APR-95ac_rev	0	0	0	0		0	0
20	B310	24-MAR-97ac_rev	0	0	0	0		0	0
20	B320	10-JUL-90ac_rev	0	0	26.5	0	3	8.4	0
20	B320	28-NOV-90ac_rev	0	0	0	0		0	0
20	B320	10-DEC-90pad_ac	0	0	0	0		0	0
20	B320	29-APR-91ac_rev	0	0	0	0		0	0
20	B320	26-OCT-91pad_ac	0	0	0	0		0	0
20	B320	03-MAR-92pad_ac	0	0	0	0		3	0
20	B320	22-APR-93ac_rev	10.9	0	0	0		3	0
20	B320	13-APR-95ac_rev	97.3	0	0	0		3	0
20	B320	24-MAR-97ac_rev	133.9	0	0	0		3	0
20	B330	10-JUL-90ac_rev	0	0	0	0		0	0
20	B330	28-NOV-90ac_rev	0	0	0	0		0	0
20	B330	10-DEC-90pad_ac	0	0	0	0		0	0
20	B330	29-APR-91ac_rev	0	0	0	0		0	0
20	B330	26-OCT-91pad_ac	0	0	0	0		0	0
20	B330	03-MAR-92pad_ac	0	0	0	0		0	0
20	B330	22-APR-93ac_rev	0	0	0	0		0	0
20	B330	13-APR-95ac_rev	0	0	0	0		0	0
20	B330	24-MAR-97ac_rev	0	0	0	0		0	0
20	B340	10-JUL-90ac_rev	0	0	0	0	0	0	0
20	B340	28-NOV-90ac_rev	0	0	0	0	2	0	0

20	B340	10-DEC-90pad_ac	0				4		0	0
20	B340	29-APR-91ac_rev	0				4		0	0
20	B340	26-OCT-91pad_ac	0				4		0	0
20	B340	03-MAR-92pad_ac	0				4		0	0
20	B340	22-APR-93ac_rev	0				4		0	0
20	B340	13-APR-95ac_rev	0				5		0	0
20	B340	24-MAR-97ac_rev	0				7		0	0
20	B350	10-JUL-90ac_rev	0	0			4	5	0	0
20	B350	28-NOV-90ac_rev	0	0					0	0
20	B350	10-DEC-90pad_ac	0	0					0	0
20	B350	29-APR-91ac_rev	0	0					0	0
20	B350	26-OCT-91pad_ac	0	0					0	0
20	B350	03-MAR-92pad_ac	0	0					0	0
20	B350	22-APR-93ac_rev	0	0					0	0
20	B350	13-APR-95ac_rev	0	0					0	0
20	B350	24-MAR-97ac_rev	0	0					0	0
21	1010	03-AUG-88ac_rev	0	0		0	0	0	0	0
21	1010	27-OCT-89pad_ac	0	0		0	0	0	0	0
21	1010	08-MAY-90pad_ac	0	0		1.304544	0	0	0	0
21	1010	28-JUN-90pad_ac	0	0		0	0	0	3	1.3535972
21	1010	08-MAY-91pad_ac	0	0		0	0	0	3	1.2560491
21	1010	09-JUL-91ac_rev	0	0		0	0	0	13	0.1
21	1010	30-SEP-92pad42_ac	1.1	0	0.8	3.3	1	0.7	0	0
21	1010	09-MAR-93ac_rev	0	0	19	0	0	0	12	0.2
21	1014	03-AUG-88ac_rev	0	0		0	0	0	0	0
21	1014	17-OCT-89pad_ac	0	0		0	0	0	0	0
21	1014	02-MAY-91pad_ac	0	0		2.886456		1.603248	2	1.3684617
21	1014	30-SEP-92pad42_ac	0	0		115.2		3.3	0	0
21	1014	30-NOV-95pad42_ac	0.8	0	0.7	191.6		19.9	2	0.9
21	1034	04-AUG-88ac_rev	0	0		0	0	0	0	0
21	1034	05-NOV-89pad_ac	0	0		0	0	0	0	0
21	1034	28-JUN-90pad_ac	0	0		0	0	0	0	0
21	1034	07-MAY-91pad_ac	0	0		0	0	0	0	0
21	1034	08-MAY-91pad_ac	0	0		0	0	0	0	0
21	1034	10-JUL-91ac_rev	0	0		0	1	0.3	1	
21	1034	06-OCT-92pad42_ac	0	0	3.9		0	0	4	
21	1034	10-MAR-93ac_rev	0	0		0	1	0.5	8	
21	1034	30-MAY-94pad42_ac	0	0		0	0	0	0	0
21	1034	09-DEC-94ac_rev	0	0		0	0	0	0	0
21	1034	22-MAR-96pad42_ac	0	0		0	1	1.6	0	0
21	1034	03-FEB-98ac_rev	0	0		0	0	0	0	0
21	6040	14-NOV-88ac_rev	0	0		0	0	0	0	0
21	6040	26-OCT-89pad_ac	0	0		188.0158781		0.941832	0	0
21	6040	09-MAY-91pad_ac	0	0		140.92428	0	0	0	0
21	6040	01-OCT-92pad42_ac	0	0	8.6	133.3	5	4.8	0	0
21	6043	04-AUG-88ac_rev	0	0		0	0	0	0	0
21	6043	27-OCT-89pad_ac	0	0		0	0	0	0	0
21	6043	08-MAY-91pad_ac	0	0		0	0	0	2	0.98291416
21	6043	01-OCT-92pad42_ac	0	0		0	0	0	0	0
21	6043	13-DEC-94ac_rev	0	0		0	0	0	0	0
21	6043	22-MAR-96pad42_ac	0	0		0	54	31.5	0	0
21	A310	90-01-23 ac_rev	0	0		0	0	0	0	0
21	A310	90-06-28 pad_ac	0	0		0	1	0.935736	0	0
21	A310	08-MAY-91pad_ac	0	0		0	0	0	0	0
21	A310	09-JUL-91ac_rev	0	0		0	0	0	0	0
21	A310	18-AUG-92ac_rev	0	0		0	0	0	0	0
21	A310	09-MAR-93ac_rev	0	0		0	0	0	0	0
21	A310	14-DEC-94ac_rev	0	0		0	0	0	0	0
21	A320	90-01-23 ac_rev	0	0		0	1	3.7	0	0
21	A320	90-06-28 pad_ac	0	0		0	0	0	0	0
21	A320	08-MAY-91pad_ac	0	0		0	0	0	0	0
21	A320	09-JUL-91ac_rev	0	0		1.5			0	0
21	A320	18-AUG-92ac_rev	0	0		53.4			0	0
21	A320	09-MAR-93ac_rev	0	0		73			1	0.2
21	A320	14-DEC-94ac_rev	0	0		142.3			1	0.2
21	A330	23-JAN-90ac_rev	0	0		0			0	0
21	A330	28-JUN-90pad_ac	0	0		0			0	0
21	A330	19-OCT-90ac_rev	0	0		0			0	0
21	A330	08-MAY-91pad_ac	0	0		0			0	0
21	A330	09-JUL-91ac_rev	3.8	0		0			0	0
21	A330	09-MAR-93ac_rev	5.5	0		0			0	0
21	A330	14-DEC-94ac_rev	8.3	0		0			0	0
21	A340	23-JAN-90ac_rev	0	0		0		0	0	0
21	A340	19-OCT-90ac_rev	0	0		0		0	0	0
21	A340	08-MAY-91pad_ac	0	0		3		2.261616	0	0
21	A340	09-JUL-91ac_rev	0	0		1		0.6	0	0
21	A340	18-AUG-92ac_rev	0	0		0		0	0	0
21	A340	09-MAR-93ac_rev	0	0		1		0.5	0	0.1
21	A340	14-DEC-94ac_rev	0	0		1		0.5		129.5
21	A350	90-01-23 ac_rev	2.8	0	0	0	0	0	0	0
21	A350	90-06-28 pad_ac	0	0	0	0	0	0	0	0

21	A350	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	A350	09-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	A350	18-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	A350	09-MAR-93ac_rev	0	0	0.5	0	0	0	0	0
21	A350	14-DEC-94ac_rev	0	0	12	0	0	0	0	0
21	B310	28-JUN-90pad_ac	0	0	0	24.868632	0	0	0	0
21	B310	30-OCT-90ac_rev	0	0	0	0	0	0	0	0
21	B310	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	B310	10-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	B310	17-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	B310	10-MAR-93ac_rev	0	0	0	0	0	0	0	0
21	B310	12-DEC-94ac_rev	0	0	0	0	0	0	0	0
21	B310	03-FEB-98ac_rev	0	0	0	0	0	0	0	0
21	B320	28-JUN-90pad_ac	0	0	0	20.470368	1	0.94488	0	0
21	B320	30-OCT-90ac_rev	0	0	0	0	0	0	0	0
21	B320	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	B320	10-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	B320	17-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	B320	10-MAR-93ac_rev	0	0	0	0	0	0	0	0
21	B320	12-DEC-94ac_rev	0	0	0	2	3	0	0	0
21	B320	03-FEB-98ac_rev	0	0	0	0	0	0	0	0
21	B330	28-JUN-90pad_ac	0	0	0	0	0	0	0	0
21	B330	30-OCT-90ac_rev	0	0	0	0	0	0	0	0
21	B330	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	B330	10-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	B330	17-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	B330	10-MAR-93ac_rev	0	0	0	1	0.3	0	0	0
21	B330	12-DEC-94ac_rev	0	0	0	2	1	0	0	0
21	B340	06-APR-90ac_rev	0	0	0	0	0	0	0	0
21	B340	28-JUN-90pad_ac	0	0	0	0	0	0	0	0
21	B340	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	B340	10-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	B340	17-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	B340	10-MAR-93ac_rev	0	0	0	1	0.2	0	0	0
21	B340	12-DEC-94ac_rev	0	0	0	1	0.2	0	0	0
21	B350	90-04-06 ac_rev	0	0	0	109.7	1	0.6	0	0
21	B350	90-06-28 pad_ac	0	0	0	23.030688	0	0	0	0
21	B350	08-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	B350	10-JUL-91ac_rev	0	0	0	0	0	0	0	0
21	B350	17-AUG-92ac_rev	0	0	0	0	0	0	0	0
21	B350	10-MAR-93ac_rev	0	0	0	0	0	0	0	0
21	B350	12-DEC-94ac_rev	0	0	0	0	0	0	0	0
22	0113	06-MAY-98ac_rev	0	0	0	0	0	0	0	0
22	0114	06-MAY-98ac_rev	0	0	0	0	0	0	0	0
22	0115	06-MAY-98ac_rev	0	0	0	0	0	0	0	0
22	3056	06-MAR-90pad_ac	0	0	0	0	0	0	0	0
22	3056	14-JAN-91pad_ac	0	0	0	2.505456	0	0	0	0
22	3056	10-NOV-93pad42_ac	0	0	9.9	12.3	0	0	0	0
22	3056	11-JUL-94ac_rev	0	0	24.1	24.2	0	0	0	0
22	3056	07-JAN-96pad42_ac	0	0	29.6	39.1	0	0	0	0
23	0501	26-APR-95ac_rev	0.2	0	0	0	0	0	0	0
23	0501	03-OCT-95ac_rev	0.2	0	0	0	0	0	0	0
23	0501	25-OCT-95pad42_ac	0	0	0	0	0	0	0	0
23	0501	09-SEP-97ac_rev	0	0	1	0	0	0	0	0
23	0502	26-APR-95ac_rev	0	0	0	296	35	3.9	0	0
23	0502	03-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0502	25-OCT-95pad42_ac	0	0	0	1.7	0	0	0	0
23	0502	09-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0503	26-APR-95ac_rev	0	0	0	244.9	62	14.4	0	0
23	0503	03-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0503	25-OCT-95pad42_ac	0	0	0	0	1	1.1	0	0
23	0503	09-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0504	26-APR-95ac_rev	0	0	0	280.3	42	14.4	0	0
23	0504	03-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0504	25-OCT-95pad42_ac	0	0	0	0	0	0	0	0
23	0504	09-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0505	26-APR-95ac_rev	0	0	0.4	283.3	1	0.5	0	0
23	0505	04-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0505	25-OCT-95pad42_ac	0	0	0	0	0	0	0	0
23	0505	10-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0506	26-APR-95ac_rev	0	0	0.8	197.7	14	8.4	0	0
23	0506	05-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0506	25-OCT-95pad42_ac	0	0	1.5	0.4	0	0	0	0
23	0506	10-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0507	26-APR-95ac_rev	0	0	0	305	0	0	0	0
23	0507	05-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0507	25-OCT-95pad42_ac	0	0	0.9	0.1	0	0	0	0
23	0507	10-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0508	26-APR-95ac_rev	0	0	0	305	0	0	0	0
23	0508	05-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0508	25-OCT-95pad42_ac	0	0	0	0	0	0	0	0

23	0508	10-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	0509	26-APR-95ac_rev	0	0	0	294.8	2	2.9	0	0
23	0509	05-OCT-95ac_rev	0	0	0	0	0	0	0	0
23	0509	25-OCT-95pad42_ac	0	0	0	0.4	2	0.6	0	0
23	0509	11-SEP-97ac_rev	0	0	0	0	0	0	0	0
23	1001	11-AUG-89pad_ac	0	0	0					
23	1001	29-AUG-90pad_ac	0	0	0					
23	1001	28-APR-93pad42_ac	0	0	0					
23	1001	21-APR-95ac_rev	0	0	0					
23	1001	95-10-05 ac_rev	0	0	0	0	0	0	0	0
23	1001	95-10-25 pad42_ac	0	0	0	0	0	0	0	0
23	1009	10-AUG-89pad_ac	0	0	0					
23	1009	30-AUG-90pad_ac	0	0	0					
23	1009	28-APR-93pad42_ac	41.1	0	10.6					
23	1009	13-MAY-93ac_rev	156.8	0	152.5					
23	1009	95-10-26 pad42_ac	0	0	0	18.6	7	14.3	0	0
23	1009	97-08-18 ac_rev	2.7	0	2	77.1	7	13	0	0
23	1012	10-AUG-89pad_ac	0	0	0	0	0	0	0	0
23	1012	28-APR-93pad42_ac	0	0	2	7.4	4	1.7	0	0
23	1012	11-JUL-94ac_rev	0	0	0	10	0	0	0	0
23	1012	26-OCT-95pad42_ac	0	0	0	24.2	3	1.7	0	0
23	1026	18-AUG-89pad_ac	0	0	0	0	0	0	0	0
23	1026	30-AUG-90pad_ac	0	0	0	0	0	0	0	0
23	1026	28-APR-93pad42_ac	0	0	0	2.6				
23	1026	23-MAY-94ac_rev	0	0	0	3				
23	1026	17-OCT-94ac_rev	0	0	0	0				
23	1026	01-MAY-95ac_rev	0	0	0	2.3				
23	1026	26-OCT-95pad42_ac	0	0	0	4.9				
23	1026	02-MAY-96ac_rev	0	0	0	5				
23	1026	15-OCT-96ac_rev	0	0	0	0		0		
23	1026	13-MAY-97ac_rev	0	0	0	0		5.4		
23	1026	21-OCT-97ac_rev	0	0	0	0		5.6		
23	1028	18-AUG-89pad_ac	0	0	0	182.06618	13	14.883384	0	0
23	1028	30-AUG-90pad_ac	2.1469892	0	0	128.31165	20	25.72512	0	0
23	1028	03-MAY-94ac_rev	33.3	0	9.3	175.4	154	94.2	1	1.3
23	1028	94-10-14 ac_rev	0	0	0	0	0	0	0	0
23	1028	95-10-26 pad42_ac	0	0	0	9.5	0	0	0	0
23	7023	10-AUG-89pad_ac	0	0	0					
23	7023	30-AUG-90pad_ac	0	0	0					
23	7023	28-APR-93pad42_ac	0	0	0					
23	7023	12-JUL-94ac_rev	0	0	0					
23	7023	26-OCT-95pad42_ac	0	0	0					
24	0501	15-MAY-90ac_rev								
24	0501	19-FEB-92ac_rev							1	
24	0501	19-OCT-95ac_rev							2	
24	0501	08-NOV-95pad42_ac							5	
24	0501	15-MAY-97ac_rev							5	
24	0502	90-05-15 ac_rev	0	0	44.2	1.2	8	27.7	3	
24	0502	92-02-20 ac_rev	0	0	61.9	7	17	36.5	2	
24	0502	16-OCT-95ac_rev	0	0	0				0	0
24	0502	08-NOV-95pad42_ac	0	0	0				0	0
24	0502	27-AUG-96ac_rev	0	0	0				0	0
24	0502	07-MAY-97ac_rev	0	0	0				0	0
24	0503	90-05-15 ac_rev	0	0	64.9	0	11	35.4	0	0
24	0503	92-02-20 ac_rev	59.2	0	3	0	11	34.2	0	0
24	0503	16-OCT-95ac_rev	0	0	0	0			0	0
24	0503	08-NOV-95pad42_ac	0	0	0	0			0	0
24	0503	27-AUG-96ac_rev	0	0	0	0			0	0
24	0503	07-MAY-97ac_rev	0	0	0	0			0	0
24	0504	90-05-15 ac_rev	5.6	0	69.8	0	11	32.3	1	5.7
24	0504	92-02-20 ac_rev	88.3	0	3	0	9	31.3	2	5.7
24	0504	95-10-17 ac_rev	0	0	0	0	4	2.3	0	0
24	0504	95-11-08 pad42_ac	0	0	0	0	5	17.3	0	0
24	0505	90-05-15 ac_rev	0	0	83.5	5.5	10	36.6	2	3.3
24	0505	92-02-20 ac_rev	102.7	0	0	0	12	35.4	2	13.7
24	0505	95-10-16 ac_rev	0	0	4.9	65.1	13	36	0	0
24	0505	95-11-08 pad42_ac	0	0	21.4	0	15	59	0	0
24	0506	90-05-15 ac_rev	0	1.3	35.4	1.8	7	23.1	0	0
24	0506	92-02-21 ac_rev	46.8	3	5.8	12.2	10	29.2	2	0.6
24	0506	95-10-17 ac_rev	0	0	0	46.7	7	16.9	0	0
24	0506	95-11-08 pad42_ac	18.4	0	2.9	0	10	39.2	0	0
24	0507	90-05-15 ac_rev	8	0	54.3	0	7	24.7	0	0
24	0507	92-02-20 ac_rev	56	0	21.1	85	14	36	0	0
24	0507	95-10-17 ac_rev	0	0	0	0	0	0	0	0
24	0507	95-11-08 pad42_ac	0	0	0	3.6	2	5.6	0	0
24	0508	90-05-15 ac_rev	0	0	46	3.7	7	25.6	0	0
24	0508	92-02-21 ac_rev	66.9	0	0	16.8	9	28	0	0
24	0508	17-OCT-95ac_rev	0	0	0	0	0	0	0	0
24	0508	08-NOV-95pad42_ac	0	0	0	0	0	0	0	0
24	0508	27-AUG-96ac_rev	0	0	0	0	0	0	0	0
24	0508	08-MAY-97ac_rev	0	0	0	0	0	0	0	0

24	0509	90-05-15	ac_rev	9.3	0	89	0	6	21.9	0	0
24	0509	92-02-21	ac_rev	140	0	0	13.1	6	19.5	0	0
24	0509	18-OCT-95	ac_rev	0	0	0	0.2			0	0
24	0509	08-NOV-95	pad42_ac	0	0	0	3.3			0	0
24	0509	13-MAY-97	ac_rev	0	0	0	5.7			0	0
24	1632	11-OCT-89	pad_ac		0	0				0	0
24	1632	07-OCT-92	pad42_ac		0	0				0	0
24	1632	06-NOV-95	pad42_ac		0	0.3				0	0
24	1632	27-MAY-97	ac_rev		0	2.4				0	0
24	1632	21-OCT-97	ac_rev		0	0				0	0
24	1634	12-OCT-89	pad_ac		0	0				0	0
24	1634	02-JUL-90	pad_ac		0	0				0	0
24	1634	21-MAR-91	pad_ac		0	0				0	0
24	1634	13-MAY-92	ac_rev		0	0				0	0
24	1634	07-OCT-92	pad42_ac		0	0				0	0
24	1634	02-DEC-93	ac_rev		0	0				0	0
24	1634	20-SEP-95	ac_rev		0	0				0	0
24	1634	06-NOV-95	pad42_ac		0	0				0	0
24	1634	17-APR-96	ac_rev		0	0				0	0
24	1634	14-AUG-96	ac_rev		0	0				0	0
24	1634	01-OCT-97	ac_rev		0	0				0	0
24	1634	08-APR-98	ac_rev		0	0				0	0
24	2401	11-OCT-89	pad_ac	0	0	0	0	0	0	0	0
24	2401	05-OCT-92	pad42_ac	0	0	1	61.2	0	0	0	0
24	2401	08-NOV-95	pad42_ac	0	0	0	242.7	0	0	0	0
24	2401	29-JUL-97	ac_rev	0	0	0	152.5	0	0	0	0
24	2805	89-10-11	pad_ac	0	0	0	0	0	0	0	0
24	2805	92-10-05	pad42_ac	0	0	0	0	5	7.3	0	0
24	2805	95-11-08	pad42_ac	0	0	0	19.1	2	5.8	0	0
24	2805	97-05-06	ac_rev	0	0	0	0	0	0	0	0
24	A310	89-10-31	ac_rev	0	3.1	0	4.9	34	12.2	0	0
24	A310	90-07-02	pad_ac	0	0	0	19.302984	56	39.236904	0	0
24	A310	28-NOV-90	ac_rev	0	0	0	0	0	0	0	0
24	A310	16-APR-91	ac_rev	0	0	0	0	0	0	0	0
24	A310	13-MAY-92	ac_rev	0	0	0	0	0	0	0	0
24	A310	02-DEC-93	ac_rev	0	0	0	0	0	0	0	0
24	A310	20-SEP-95	ac_rev	0	0	0	167.6	0	0	0	0
24	A310	07-APR-98	ac_rev	7.3	0	0	216.6	3	0.6	0	0
24	A320	31-OCT-89	ac_rev	0	0	0				0	0
24	A320	02-JUL-90	pad_ac	0	0	0				0	0
24	A320	28-NOV-90	ac_rev	0	0	0				0	0
24	A320	16-APR-91	ac_rev	0	2.4	0				0	0
24	A320	13-MAY-92	ac_rev	0	0	0				0	0
24	A320	03-DEC-93	ac_rev	0	3.5	0				0	0
24	A320	20-SEP-95	ac_rev	9.1	2.8	0				0	0
24	A320	07-APR-98	ac_rev	119.3	0	0				0	0
24	A330	31-OCT-89	ac_rev		0	0				0	0
24	A330	02-JUL-90	pad_ac		0	0				0	0
24	A330	28-NOV-90	ac_rev		0	0				0	0
24	A330	16-APR-91	ac_rev		0	0				0	0
24	A330	13-MAY-92	ac_rev		0	0				0	0
24	A330	03-DEC-93	ac_rev		0	0				0	0
24	A330	20-SEP-95	ac_rev		0	0				0	0
24	A330	07-APR-98	ac_rev		0	0				0	0
24	A340	31-OCT-89	ac_rev	0	0	0				0	0
24	A340	02-JUL-90	pad_ac	0	0	0				0	0
24	A340	28-NOV-90	ac_rev	0	0	0				0	0
24	A340	21-MAR-91	pad_ac	0	0	0				0	0
24	A340	16-APR-91	ac_rev	0	0	0				0	0
24	A340	13-MAY-92	ac_rev	62.7	0	0				2	0.2
24	A340	03-DEC-93	ac_rev	115.8	0	0				0	0
24	A340	21-SEP-95	ac_rev	284.1	0	0				0	0
24	A340	06-APR-98	ac_rev	341	0	0				0	0
24	A350	31-OCT-89	ac_rev	0	4.3	0				0	0
24	A350	02-JUL-90	pad_ac	0	0	0				0	0
24	A350	28-NOV-90	ac_rev	0	0	0				0	0
24	A350	16-APR-91	ac_rev	0	0	0				0	0
24	A350	13-MAY-92	ac_rev	0	0	0				0	0
24	A350	03-DEC-93	ac_rev	0	0	0				0	0
24	A350	21-SEP-95	ac_rev	0	0	0				0	0
24	A350	06-APR-98	ac_rev	0	0	0				0	0
25	1002	02-AUG-89	pad_ac		0	0				0	0
25	1002	06-SEP-90	pad_ac		0	0				0	0
25	1002	01-OCT-92	pad42_ac		0	0				0	0
25	1002	11-MAY-94	ac_rev		0	0				0	0
25	1002	24-AUG-94	ac_rev		0	0				0	0
25	1002	24-MAY-95	ac_rev		0	0				0	0
25	1002	09-OCT-96	ac_rev		0	0				1	0.3
25	1002	07-MAY-97	ac_rev		0	0				5	2.1
25	1002	10-SEP-97	ac_rev		0	0				27	11.7
25	1003	04-AUG-89	pad_ac		0	0				0	0

25	1003	06-SEP-90pad_ac	0			0	0
25	1003	30-SEP-92pad42_ac	0			0	0
25	1003	27-OCT-95pad42_ac	0			0	0
25	1003	23-OCT-96ac_rev	0			0	0
25	1004	05-SEP-90pad_ac	0	0	5.879592	6	2.785872
25	1004	30-SEP-92pad42_ac	0	0	27.6	3	2.9
25	1004	29-OCT-95pad42_ac	0	0	31	4	2.2
26	0603	25-AUG-92ac_rev	0	0			0
26	0603	02-JUN-93ac_rev	0	0			0
26	0603	19-MAY-95ac_rev	0	0	1.6		0
26	0603	16-JUN-95pad42_ac	0	0	1.1		0
26	0603	18-MAY-96ac_rev	0	0	1.6		0
26	0604	26-AUG-92ac_rev	0	0			0
26	0604	02-JUN-93ac_rev	0	0			0
26	0604	18-MAY-95ac_rev	0	0			0
26	0604	16-JUN-95pad42_ac	0	0			0
26	0604	26-AUG-95ac_rev	0	0			0
26	0606	25-AUG-92ac_rev	0	0	0	0	0
26	0606	02-JUN-93ac_rev	0	0	0	0	0
26	0606	17-MAY-95ac_rev	0	0	3.3		0
26	0606	16-JUN-95pad42_ac	0	0	0		0
26	0607	25-AUG-92ac_rev	0	0	0		0
26	0607	02-JUN-93ac_rev	0	0	0		0
26	0607	17-MAY-95ac_rev	0	0	0		0
26	0607	16-JUN-95pad42_ac	0	0	0		0
26	0608	25-AUG-92ac_rev	0	0	0	0	0
26	0608	02-JUN-93ac_rev	0	0	0	0	0
26	0608	17-MAY-95ac_rev	0	0	3	2.9	0
26	0608	16-JUN-95pad42_ac	0	0	0	10.1	0
26	1001	19-JUL-88ac_rev	0				0
26	1001	07-SEP-89pad_ac	0				0
26	1001	21-JUL-90pad_ac	0				0
26	1001	16-JUL-91ac_rev	0				0
26	1001	27-SEP-91pad_ac	0				0
26	1001	01-SEP-92ac_rev	0				0
26	1001	07-JUN-93ac_rev	0				0
26	1001	09-JUN-93pad42_ac	0				0
26	1001	12-MAY-95ac_rev	0				0
26	1001	05-JUL-96pad42_ac	0				0
26	1004	25-JUL-89ac_rev	0	0	0		0
26	1004	13-SEP-89pad_ac	0	0	97.880424		0
26	1004	21-JUL-90pad_ac	0	0	137.41603		0
26	1004	13-MAY-93pad42_ac	0	0	142.1		0
26	1004	07-JUL-94ac_rev	0	0	154.2		0
26	1004	15-JUN-95pad42_ac	0	0	155.8		0
26	1010	27-MAY-89ac_rev	0				0
26	1010	05-SEP-89pad_ac	0				0
26	1010	23-JUL-90pad_ac	0				0
26	1010	26-JUL-90pad_ac	0				0
26	1010	26-SEP-91pad_ac	0				0
26	1010	13-DEC-91ac_rev	0				0
26	1010	31-AUG-92ac_rev	0				0
26	1010	20-MAY-93ac_rev	0				0
26	1010	08-JUN-93pad42_ac	0				0
26	1010	16-MAY-95ac_rev	0				0
26	1010	16-JUN-95pad42_ac	567.8				0
26	1012	18-JUL-88ac_rev	0				0
26	1012	07-SEP-89pad_ac	0				0
26	1012	20-JUL-90pad_ac	0				0
26	1012	18-JUL-91ac_rev	0				0
26	1012	27-SEP-91pad_ac	0				0
26	1012	02-SEP-92ac_rev	0				0
26	1012	09-JUN-93ac_rev	0				0
26	1012	09-JUN-93pad42_ac	0				0
26	1012	20-MAY-97ac_rev	0				0
26	1013	23-JUN-88ac_rev	0	0			0
26	1013	26-SEP-89pad_ac	0	0			0
26	1013	20-JUL-90pad_ac	0	0			0
26	1013	11-OCT-90pad_ac	0	0			0
26	1013	17-JUL-91ac_rev	0	0			0
26	1013	26-SEP-91pad_ac	0	0			0
26	1013	03-SEP-92ac_rev	0	0			0
26	1013	09-JUN-93ac_rev	0	22.3			0
26	1013	09-JUN-93pad42_ac	0	52.6			0
26	1013	05-JUL-96pad42_ac	0	83.5			0
26	6016	20-JUL-88ac_rev	0				0
26	6016	06-SEP-89pad_ac	0				0
26	6016	21-JUL-90pad_ac	0				0
26	6016	09-JUN-93pad42_ac	1.3				0
26	6016	08-JUL-94ac_rev	0				0
26	6016	16-JUN-95pad42_ac	0				0

26	7072	13-JUL-88ac_rev	0	0	0	0	0	0	0
26	7072	26-SEP-89pad_ac	0	0	0	0	0	0	0
26	7072	24-JUL-90pad_ac	0	0	0	0	0	0	0
26	7072	11-JUL-94ac_rev	0	0	0	18	47.9	0	0
26	7072	16-JUN-95pad42_ac	0	0	6.2	28	80.3	0	0
26	A310	14-FEB-90ac_rev	8.5	0	0	5	18.3	0	0
26	A310	11-OCT-90pad_ac	0	0	0	0	0	0	0
26	A310	17-JUL-91ac_rev	0	0	0	0	0	0	0
26	A310	26-SEP-91pad_ac	0	0	0	0	0	0	0
26	A310	03-SEP-92ac_rev	0	0	0	0	0	0	0
26	A310	08-JUN-93ac_rev	0	0	0	0	0	0	0
26	A310	10-MAY-95ac_rev	0	0	0	0	0	0	0
26	A320	14-FEB-90ac_rev	32	0	0	4	14.6	0	0
26	A320	11-OCT-90pad_ac	0	0	0	0	0	0	0
26	A320	12-OCT-90ac_rev	0	0	0	0	0	0	0
26	A320	17-JUL-91ac_rev	0	0	0	0	0	0	0
26	A320	26-SEP-91pad_ac	0	0	0	0	0	0	0
26	A320	03-SEP-92ac_rev	0	0	0	0	0	0	0
26	A320	08-JUN-93ac_rev	0	0	0	0	0	0	0
26	A320	10-MAY-95ac_rev	0	0	0	0	0	0	0
26	A330	14-FEB-90ac_rev	0	0	0	0	0	0	0
26	A330	11-OCT-90pad_ac	0	0	0	0	0	0	0
26	A330	12-OCT-90ac_rev	0	0	0	0	0	0	0
26	A330	17-JUL-91ac_rev	0	0	0	0	0	0	0
26	A330	26-SEP-91pad_ac	0	0	0	0	0	0	0
26	A330	03-SEP-92ac_rev	0	0	0	0	0	0	0
26	A330	08-JUN-93ac_rev	0	0	0	0	0	0	0
26	A330	10-MAY-95ac_rev	0	0	0	0	0	0	0
26	A340	14-FEB-90ac_rev	0	0	0	0	0	0	0
26	A340	11-OCT-90pad_ac	0	0	0	0	0	0	0
26	A340	12-OCT-90ac_rev	0	0	0	0	0	0	0
26	A340	17-JUL-91ac_rev	18.2	0	0	0	0	0	0
26	A340	03-SEP-92ac_rev	26.4	0	0	0	1	0	0
26	A340	08-JUN-93ac_rev	79.3	0	0	0	0	0	0
26	A350	14-FEB-90ac_rev	0	0	0	5	18.3	0	0
26	A350	11-OCT-90pad_ac	0	0	0	0	0	0	0
26	A350	12-OCT-90ac_rev	0	0	0	0	0	0	0
26	A350	17-JUL-91ac_rev	0	0	0	0	0	0	0
26	A350	26-SEP-91pad_ac	0	0	0	0	0	0	0
26	A350	03-SEP-92ac_rev	0.1	0	0	0	0	0	0
26	A350	08-JUN-93ac_rev	0	0	0	0	0	0	0
26	A350	10-MAY-95ac_rev	0	0	0	0	0	0	0
26	B310	20-JUL-90pad_ac	0	0	0	30.711648	8	13.298424	0
26	B310	15-OCT-90ac_rev	0	0	0	0	0	0	0
26	B310	18-JUL-91ac_rev	0	0	0	0	0	0	0
26	B310	27-SEP-91pad_ac	0	0	0	1	0.64008	0	0
26	B310	02-SEP-92ac_rev	2.5	0	0	1	3.8	0	0
26	B310	09-JUN-93ac_rev	41.2	0	0	7	7	0	0
26	B310	11-MAY-95ac_rev	183.8	0	0	10	17.4	0	0
26	B320	20-JUL-90pad_ac	0	0	0	108.01502	30	30.95244	0
26	B320	15-OCT-90ac_rev	0	0	0	0	0	0	0
26	B320	18-JUL-91ac_rev	0	0	0	0	0	0	0
26	B320	27-SEP-91pad_ac	0	0	0	0	0	0	0
26	B320	02-SEP-92ac_rev	0	0	0	0	0	0	0
26	B320	09-JUN-93ac_rev	0	0	0	0	0	0	0
26	B320	11-MAY-95ac_rev	0	0	0	0	0	0	0
26	B330	20-JUL-90pad_ac	0	0	0	0	0	0	0
26	B330	15-OCT-90ac_rev	0	0	0	0	0	0	0
26	B330	18-JUL-91ac_rev	0	0	0	0	0	0	0
26	B330	27-SEP-91pad_ac	0	0	0	0	0	0	0
26	B330	02-SEP-92ac_rev	0	0	0	0	0	0	0
26	B330	09-JUN-93ac_rev	0	0	0	0	0	0	0
26	B330	11-MAY-95ac_rev	0	0	0	0	0	0	0
26	B340	20-JUL-90pad_ac	0	0	0	0	0	0	0
26	B340	15-OCT-90ac_rev	0	0	0	0	0	0	0
26	B340	18-JUL-91ac_rev	0	0	0	0	0	0	0
26	B340	27-SEP-91pad_ac	0	0	0	0	0	0	0
26	B340	02-SEP-92ac_rev	0	0	0	0	0	0	0
26	B340	09-JUN-93ac_rev	0	0	0	0	0	0	0
26	B340	11-MAY-95ac_rev	0	0	0	0	2	0.5	0
26	B350	20-JUL-90pad_ac	0	0	0	77.86116	13	15.130272	0
26	B350	15-OCT-90ac_rev	0	0	0	0	0	0	0
26	B350	18-JUL-91ac_rev	0	0	0	0	0	0	0
26	B350	27-SEP-91pad_ac	0	0	0	0	0	0	0
26	B350	02-SEP-92ac_rev	0	0	0	0	0	0	0
26	B350	09-JUN-93ac_rev	0	0	0	0	0	0	0
26	B350	11-MAY-95ac_rev	0	0	0	0	2	0.2	0
26	C310	28-MAR-90ac_rev	0	0	0	0	0	0	0
26	C310	16-OCT-90ac_rev	0	0	0	0	0	0	0
26	C310	16-JUL-91ac_rev	0	0	0	0	0	0	0
26	C310	27-SEP-91pad_ac	0	0	0	0	0	0	0

26	C310	01-SEP-92ac_rev	0	0	0	0	0	0	0	0
26	C310	07-JUN-93ac_rev	0	0	0	0	0	0	0	0
26	C310	12-MAY-95ac_rev	0	0	0	69.8	1	0.5	0	0
26	C320	28-MAR-90ac_rev	0	0	0	0	0	0	0	0
26	C320	16-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	C320	16-JUL-91ac_rev	0.3	0	0	0	0	0	0	0
26	C320	27-SEP-91pad_ac	0	0	0	0	1	0.954024	0	0
26	C320	01-SEP-92ac_rev	0.8	0	0	0	0	0	0	0
26	C320	07-JUN-93ac_rev	0	0	69	2	0	0	0	0
26	C320	12-MAY-95ac_rev	0	0	107.7	2.1	1	0.6	0	0
26	C330	28-MAR-90ac_rev	0	0	0	0	0	0	0	0
26	C330	16-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	C330	16-JUL-91ac_rev	0	0	0	0	0	0	0	0
26	C330	27-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	C330	01-SEP-92ac_rev	0	0	0	0	0	0	0	0
26	C330	07-JUN-93ac_rev	0	0	0	0	0	0	0	0
26	C330	12-MAY-95ac_rev	0	0	0	0	0	1	0.3	0
26	C340	28-MAR-90ac_rev	0	0	0	0	0	0	0	0
26	C340	16-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	C340	16-JUL-91ac_rev	0	0	0	0	0	0	0	0
26	C340	01-SEP-92ac_rev	0	0	0	0	0	0	0	0
26	C340	07-JUN-93ac_rev	0	0	0	0	0	0	0	0
26	C340	12-MAY-95ac_rev	0	0	2	0	0	0	0	0
26	C350	28-MAR-90ac_rev	0	0	1.5	0	0	0	0	0
26	C350	16-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	C350	16-JUL-91ac_rev	0	0	0	0	0	0	0	0
26	C350	27-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	C350	01-SEP-92ac_rev	0	0	0	0	0	0	0	0
26	C350	07-JUN-93ac_rev	0	0	1.5	0	0	0	0	0
26	C350	12-MAY-95ac_rev	0	0	5	0	1	0.8	0	0
26	D310	23-MAY-90ac_rev	0	0	0	174.4	10	36.6	0	0
26	D310	17-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	D310	26-SEP-91pad_ac	0	0	0	0	0	1.591056	0	0
26	D310	13-DEC-91ac_rev	0	0	0	0	0	1.8	0	0
26	D310	31-AUG-92ac_rev	0	0	0	0	0	3.4	0	0
26	D310	20-MAY-93ac_rev	0	0	0	0	0	15.8	0	0
26	D310	16-MAY-95ac_rev	2.8	0	0	0	0	49.7	0	0
26	D320	90-05-23 ac_rev	0	0	0	79.2	7	25.6	0	0
26	D320	90-07-23 pad_ac	52.240308	0	0	55.245	9	32.01924	0	0
26	D320	17-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	D320	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	D320	13-DEC-91ac_rev	0	0	0	0	0	0	0	0
26	D320	31-AUG-92ac_rev	0	0	0	0	0	0	0	0
26	D320	20-MAY-93ac_rev	0	0	0	0	0	0	0	0
26	D320	16-MAY-95ac_rev	0	0	0	0	0	0	0	0
26	D330	23-MAY-90ac_rev	0	0	0	0	0	0	0	0
26	D330	17-OCT-90ac_rev	0.7	0	0	0	0	0	0	0
26	D330	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	D330	13-DEC-91ac_rev	0	0	0	0	0	0	0	0
26	D330	31-AUG-92ac_rev	0	0	0	0	0	0	0	0
26	D330	20-MAY-93ac_rev	0	0	0	0	0	0	0	0
26	D330	16-MAY-95ac_rev	0	0	0	0	0	0	0	0
26	D340	11-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	D340	17-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	D340	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	D340	13-DEC-91ac_rev	0	0	0	0	0	0	0	0
26	D340	31-AUG-92ac_rev	0	0	0	0	0	0	0	0
26	D340	16-MAY-95ac_rev	0	0	0	0	0	0	0	0
26	D350	23-MAY-90ac_rev	0	0	0	149.3	19	69.5	0	0
26	D350	17-OCT-90ac_rev	0	0	0	0	0	0	0	0
26	D350	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
26	D350	13-DEC-91ac_rev	0	0	0	0	0	0	0	0
26	D350	31-AUG-92ac_rev	0	0	0	0	0	0	0	0
26	D350	20-MAY-93ac_rev	0	0	0	0	0	0	0	0
26	D350	16-MAY-95ac_rev	0	0	0	0	0	0	0	0
27	0501	05-NOV-90ac_rev	0	0	0	0	0	0	0	0
27	0501	16-JUN-92ac_rev	0	0	0	0	0	0	0	0
27	0501	28-SEP-93ac_rev	0	0	0	0	0	0	0	0
27	0501	13-JUN-95pad42_ac	0	0	0	0	0	0	0	0
27	0501	22-AUG-95ac_rev	0	0	0	0	0	0	0	0
27	0501	22-OCT-97ac_rev	0	0	0	0	0	0	0	0
27	0502	09-NOV-90ac_rev	0	0	0	0	0	0	0	0
27	0502	17-JUN-92ac_rev	0	0	0	0	0	0	0	0
27	0502	29-SEP-93ac_rev	0	0	0	0	0	0	0	0
27	0502	09-NOV-94ac_rev	0	0	0	0	0	0	0	0
27	0502	13-JUN-95pad42_ac	0	0	0	0	0	0	0	0
27	0502	24-AUG-95ac_rev	0	0	0	0	0	0	0	0
27	0503	09-NOV-90ac_rev	0	0	0	0	0	0	0	0
27	0503	17-JUN-92ac_rev	0	0	0	0	0	0	0	0
27	0503	29-SEP-93ac_rev	0	0	0	0	0	0	0	0
27	0503	09-NOV-94ac_rev	0	0	0	0	0	0	0	0

27	0503	13-JUN-95pad42_ac	0	0	0			0	0
27	0504	29-MAY-90pad_ac	0	0	0	165.13758850	168.28922	0	0
27	0504	06-NOV-90ac_rev	0	0	0			0	0
27	0504	17-JUN-92ac_rev	0	0	0			0	0
27	0504	28-SEP-93ac_rev	0	0	0			0	0
27	0504	17-JUN-94ac_rev	0	0	0			0	0
27	0504	13-JUN-95pad42_ac	0	0	0			0	0
27	0504	23-AUG-95ac_rev	0	0	0			0	0
27	0504	23-OCT-97ac_rev	0	0	0			0	0
27	0505	06-NOV-90ac_rev	0	0	0	0		0	0
27	0505	17-JUN-92ac_rev	0	0	0	151.1		0	0
27	0505	29-SEP-93ac_rev	0	0	0	292.9		0	0
27	0505	17-JUN-94ac_rev	0	0	0	151.1		0	0
27	0505	13-JUN-95pad42_ac	0	0	0	293.7		0	0
27	0505	23-AUG-95ac_rev	0	0	0	241		0	0
27	0506	29-MAY-90pad_ac	0	0	0	154.94812241	155.26512	0	0
27	0506	06-NOV-90ac_rev	0	0	0			0	0
27	0506	17-JUN-92ac_rev	0	0	0			0	0
27	0506	29-SEP-93ac_rev	0	0	0			0	0
27	0506	17-JUN-94ac_rev	0	0	0			0	0
27	0506	13-JUN-95pad42_ac	0	0	0			0	0
27	0506	23-AUG-95ac_rev	0	0	0			0	0
27	0506	23-OCT-97ac_rev	0	0	0			0	0
27	0507	05-NOV-90ac_rev	0	0	0	0		0	0
27	0507	16-JUN-92ac_rev	0	0	0	10		0	0
27	0507	28-SEP-93ac_rev	0	0	0	10		0	0
27	0507	16-JUN-94ac_rev	0	0	0	10		0	0
27	0507	13-JUN-95pad42_ac	0	0	0	13		0	0
27	0507	23-AUG-95ac_rev	0	0	0	13		0	0
27	0507	23-OCT-97ac_rev	0	0	0	15		0	0
27	0508	05-NOV-90ac_rev	0	0	0			0	0
27	0508	09-NOV-90ac_rev	0	0	0			0	0
27	0508	17-JUN-92ac_rev	0	0	0			0	0
27	0508	29-SEP-93ac_rev	0	0	0			0	0
27	0508	17-JUN-94ac_rev	0	0	0			0	0
27	0508	13-JUN-95pad42_ac	0	0	0			0	0
27	0508	24-AUG-95ac_rev	0	0	0			0	0
27	0509	06-NOV-90ac_rev	0	0	0			0	0
27	0509	17-JUN-92ac_rev	0	0	0			0	0
27	0509	29-SEP-93ac_rev	0	0	0			0	0
27	0509	17-JUN-94ac_rev	0.1	0	0			0	0
27	0509	13-JUN-95pad42_ac	0	0	0			0	0
27	0509	23-AUG-95ac_rev	0	0	0			0	0
27	1003	94-06-17 ac_rev	0	0	0	0	1	3.6	0
27	1003	96-06-24 pad42_ac	0	0	0	133.8	19	65.2	0
27	1004	94-06-16 ac_rev	0	0	0	0	0	0	0
27	1004	96-06-24 pad42_ac	0	0	0	131.1	25	80.3	0
27	1016	07-SEP-88ac_rev			0				0
27	1016	22-JUN-89pad_ac			0				0
27	1016	30-MAY-90pad_ac			0				0
27	1016	18-JUN-91pad_ac			0				0
27	1016	03-JUN-93pad42_ac			0				0
27	1016	15-JUL-93ac_rev			3				0
27	1016	13-JUN-95pad42_ac			0				0
27	1016	03-AUG-95ac_rev			0				0
27	1017	94-06-13 ac_rev	0	0	0	0	3	6.5	0
27	1017	96-06-24 pad42_ac	0	0	0	297.2	17	40.4	0
27	1018	24-APR-89ac_rev	0	0	0	0			0
27	1018	22-JUN-89pad_ac	0	0	0	213.41486			0
27	1018	30-OCT-90pad_ac	0	0	0	156.95676			0
27	1018	02-JUN-93pad42_ac	0	0	12.6	294.9			0
27	1018	14-JUL-93ac_rev	0	0	13	308.7			0
27	1018	26-JUL-93ac_rev	0	0	17.5	288.4			3
27	1018	08-MAR-94ac_rev	0	0	29.8	314.5			3
27	1018	08-AUG-94ac_rev	0	0	39.8	285.3			2
27	1018	20-MAR-95ac_rev	1.1	0	0				0
27	1018	13-JUN-95ac_rev	0	0	0				0
27	1018	20-JUN-96pad42_ac	0	0	0				0
27	1018	07-OCT-96ac_rev	0	0	0				0
27	1018	09-JUN-97ac_rev	0	0	0				0
27	1018	08-SEP-97ac_rev	0	0	0				0
27	1019	20-JUN-89pad_ac			0				0
27	1019	07-SEP-89ac_rev			0				0
27	1019	14-MAY-90pad_ac			0				0
27	1019	30-MAY-90pad_ac			0				0
27	1019	13-JUN-91pad_ac			0			1	0.39019276
27	1019	01-JUN-92ac_rev			0			4	0.7
27	1019	15-SEP-93pad42_ac			0			0	0
27	1019	29-MAR-95ac_rev			3.6			0	0
27	1019	20-JUN-96pad42_ac			2.7			2	0.5
27	1020	94-06-02 ac_rev	0	0	0	0	1	2.5	0

27	1020	96-06-24	pad42_ac	0	0	0	30.7	19	47.6	0	0
27	1023	24-APR-89	ac_rev	0	0	0	0	26	0	0	0
27	1023	22-JUN-89	pad_ac	0	0	0	100.5078	31	0	0	0
27	1023	29-MAY-90	pad_ac	0	0	0	140.49146	33	0	0	0
27	1023	02-JUN-93	pad42_ac	1.3	0	0	96.8	36	0	0	0
27	1023	27-SEP-93	ac_rev	0	0	0	68.5	36	2	0	0.1
27	1023	13-JUN-95	pad42_ac	1.4	0	0	93.5	37	0	0	0
27	1028	08-SEP-88	ac_rev	0	0	0	0	0	0	0	0
27	1028	22-JUN-89	pad_ac	0	0	0	0	0	0	0	0
27	1028	14-MAY-90	pad_ac	0	0	0	0	0	0	0	0
27	1028	17-JUN-91	pad_ac	0	0	0	0	0	0	0	0
27	1028	01-JUN-93	pad42_ac	0	0	0	0	0	0	0	0
27	1028	27-JUL-93	ac_rev	0	0	0	0	0	0	0	0
27	1028	09-MAR-94	ac_rev	0	0	0.6	0	0	0	0	0
27	1028	09-AUG-94	ac_rev	0	0	0	0	0	0	0	0
27	1028	21-MAR-95	ac_rev	0	0	0.6	0	0	0	0	0
27	1028	01-AUG-95	ac_rev	0	0	0	0	0	0	0	0
27	1028	19-JUN-96	pad42_ac	0	0	0	0	0	0	0	0
27	1028	08-OCT-96	ac_rev	0	0	0	0	0	0	0	0
27	1028	12-JUN-97	ac_rev	0	0	1.1	0	0	0	0	0
27	1029	20-JUN-89	pad_ac	0	0	0	133.57859626	72.950832	0	0	0
27	1029	13-NOV-90	pad_ac	0	0	0	152.67127	24	76.971144	0	0
27	1029	11-MAY-93	pad42_ac	0	0	0.1	305.1	28	77.6	0	0
27	1029	24-JUN-96	pad42_ac	0	0	0	312.8	36	90.6	1	0.1
27	1085	09-MAY-89	ac_rev	0	0	0	0	8	0	0	0
27	1085	14-SEP-89	pad_ac	0	0	0	16.858488	11	35.31108	0	0
27	1085	15-NOV-90	pad_ac	0	0	0	32.449008	15	45.299376	1	0.39205082
27	1085	07-MAY-93	pad42_ac	0	0	0	67.5	46	94.8	3	0.6
27	1085	17-SEP-93	ac_rev	0	0	11	70	59	102.4	2	0.5
27	1085	03-APR-96	pad42_ac	4.5	0	18.2	156.6	70	150.3	1	0.6
27	1087	06-OCT-88	ac_rev	0	0	0	0	0	0	0	0
27	1087	09-JUN-89	pad_ac	0	0	0	0	0	0	0	0
27	1087	13-NOV-90	pad_ac	0	0	0	0	0	0	0	0
27	1087	11-MAY-93	pad42_ac	0	0	2.3	0	0	0	0	0
27	1087	05-OCT-94	ac_rev	0.3	0	7.3	0	0	0	0	0
27	1087	25-JUN-96	pad42_ac	1.2	0	7.7	0	0	1	0	0.2
27	2018	94-06-02	ac_rev	0	0	0	0.1	6	15.8	0	0
27	2018	96-06-24	pad42_ac	0	0	0.2	167.2	32	101.8	0	0
27	2023	94-06-02	ac_rev	0	0	0	0	0	0	0	0
27	2023	96-06-24	pad42_ac	0	0	0	41.7	18	69.4	0	0
27	5076	90-11-13	pad_ac	0	0	0	0	0	0	0	0
27	5076	93-05-11	pad42_ac	0	0	0	0	15	11.9	0	0
27	6064	27-SEP-88	ac_rev	116.3	0	0	0	6	0	0	0
27	6064	20-JUN-89	pad_ac	157.21702	0	0	158.75812	9	27.200352	0	0
27	6064	31-MAY-90	pad_ac	146.46071	0	0	192.7098	47	72.347328	0	0
27	6064	93-06-02	pad42_ac	0	0	0	35.7	21	84.2	0	0
27	6064	96-06-20	pad42_ac	0	0	0	152.4	20	73.8	0	0
27	6251	01-MAY-90	ac_rev	0	0	0	26.5	0	0	0	0
27	6251	30-MAY-90	pad_ac	0	0	0	164.95166	0	0	0	0
27	6251	18-JUN-91	pad_ac	0	0	0	245.61088	0	0	0	0
27	6251	02-JUN-93	pad42_ac	0	0	0	226.4	0	0	0	0
27	6251	14-JUL-93	ac_rev	0	0	0	308.7	0	0	0	0
27	6251	16-FEB-94	ac_rev	0	0	0	181.8	0	0	0	0
27	6251	24-AUG-94	ac_rev	0	0	0	225.9	0	0	0	0
27	6251	30-MAR-95	ac_rev	0	0	0	253.8	0	0	0	0
27	6251	13-JUN-95	pad42_ac	0	0	0	250.9	0	0	0	0
27	6251	02-AUG-95	ac_rev	0	0	0	156	0	0	0	0
27	6251	10-OCT-96	ac_rev	0	0	0	125.3	0	0	0	0
27	6251	11-JUN-97	ac_rev	0	0	0	132.1	0	0	0	0
27	6251	10-SEP-97	ac_rev	0	0	0	127.6	0	0	0	0
27	7090	20-SEP-88	ac_rev	0	0	0	0	0	5	0	0
27	7090	15-JUN-89	pad_ac	0	0	0	0	0	1	0	0.09569013
27	7090	08-NOV-90	pad_ac	0	0	0	3.831336	0	0	0	0
27	7090	11-MAY-93	pad42_ac	0	0	0	2.8	0	2	0	0.3
27	7090	21-JUN-96	pad42_ac	0.3	0	0	0	0	9	1	1.8
27	A310	08-NOV-90	ac_rev	0	0	0	0	0	0	0	0
27	A310	18-JUN-91	pad_ac	0	0	0	0	0	0	0	0
27	A310	15-JUL-93	ac_rev	0	45.4	38.5	0	0	0	0	0
27	A310	03-AUG-95	ac_rev	0	214.9	52.1	0	0	0	0	0
27	A320	30-MAY-90	pad_ac	0	0	0	267.32179	100	234.69904	0	0
27	A320	18-JUN-91	pad_ac	0	0	0	0	0	0	0	0
27	A320	15-JUL-93	ac_rev	1.8	180.2	0	0	0	0	0	0
27	A320	03-AUG-95	ac_rev	0	579	0	0	0	0	0	0
27	A330	30-MAY-90	pad_ac	0	0	0	0	0	0	0	0
27	A330	18-JUN-91	pad_ac	0	0	0	0	0	0	0	0
27	A330	15-JUL-93	ac_rev	0	0	0	0	0	0	0	0
27	A330	03-AUG-95	ac_rev	0	579.1	0	0	0	0	0	0
27	A340	30-MAY-90	pad_ac	0	0	0	0	0	0	0	0
27	A340	18-JUN-91	pad_ac	0	0	0	0	0	0	0	0
27	A340	15-JUL-93	ac_rev	0	344.7	0	0	0	0	0	0
27	A340	03-AUG-95	ac_rev	0	574.8	0	0	0	0	0	0

27	A350	30-MAY-90pad_ac	0	0	0	301.13935	78	249.94209	0	0
27	A350	08-NOV-90ac_rev	0	0				0	0	0
27	A350	15-JUL-93ac_rev	0	164.2				0	0	0
27	A350	03-AUG-95ac_rev	0	579.1				0	0	0
27	B310	30-MAY-90pad_ac	0	0	0	175.11369	38	116.6378120	0	0
27	B310	07-NOV-90ac_rev	0	0		0		0	0	0
27	B310	18-JUN-91pad_ac	0	0		141.53388		0	0	0
27	B310	18-JUN-92ac_rev	0.1	0		95		0	0	0
27	B310	14-JUL-93ac_rev	0	0		119.5		0	0	0
27	B310	02-AUG-95ac_rev	0	0		108.5		0	0	0
27	B320	30-MAY-90pad_ac	0	0	0	159.44088	41	139.47038	0	0
27	B320	07-NOV-90ac_rev	0	0	0	0		0	0	0
27	B320	18-JUN-91pad_ac	0	0	0	45		118.00332	0	0
27	B320	18-JUN-92ac_rev	0	0	0	45		130.8	0	0
27	B320	14-JUL-93ac_rev	0.6	0	0	46		149.1	0	0
27	B320	02-AUG-95ac_rev	14	0	0	47		158.3	0	0
27	B330	30-MAY-90pad_ac	0	0		40		0	0	0
27	B330	07-NOV-90ac_rev	0	0		42		0	0	0
27	B330	18-JUN-91pad_ac	0	0		42		0	0	0
27	B330	18-JUN-92ac_rev	0	0		41		0	0	0
27	B330	14-JUL-93ac_rev	0	0		42		0	0	0
27	B330	02-AUG-95ac_rev	0	0		41		0	0	0
27	B340	30-MAY-90pad_ac	0	0		47		172.53204	0	0
27	B340	07-NOV-90ac_rev	0	0		47		128.6	0	0
27	B340	18-JUN-91pad_ac	0	0		53		159.0354880	0	0
27	B340	18-JUN-92ac_rev	0.3	0		51		144.5	0	0
27	B340	14-JUL-93ac_rev	1.1	0		53		147.2	0	0
27	B340	02-AUG-95ac_rev	0	0		49		161.1	0	0
27	B350	30-MAY-90pad_ac	0	0	0	171.79442	43	164.20185	0	0
27	B350	07-NOV-90ac_rev	0	0	0	0		0	0	0
27	B350	18-JUN-91pad_ac	0	0	0	0		0	0	0
27	B350	18-JUN-92ac_rev	0	0	0	0		0	0	0
27	B350	14-JUL-93ac_rev	0	0	4.4	0		0	0	0
27	B350	02-AUG-95ac_rev	0	0	0	0		0	0	0
27	C310	14-MAY-90pad_ac	0	0	0	153.14066	37	124.3462	0	0
27	C310	13-NOV-90ac_rev	0	0		0		0	0	0
27	C310	17-JUN-91pad_ac	0	0		0		0	0	0
27	C310	15-JUN-92ac_rev	0	0		0		0	0	0
27	C310	27-JUL-93ac_rev	0	0		0		0	0	0
27	C310	01-AUG-95ac_rev	0	0		0		0	0	0
27	C320	14-MAY-90pad_ac	0	0	0	140.68348	40	134.0297	0	0
27	C320	13-NOV-90ac_rev	0	0		0		0	0	0
27	C320	17-JUN-91pad_ac	0	0		0		0	0	0
27	C320	27-JUL-93ac_rev	0	0		0		0	0	0
27	C320	01-AUG-95ac_rev	0	0		0		0	0	0
27	C330	14-MAY-90pad_ac	0	0	0	0		0	0	0
27	C330	13-NOV-90ac_rev	0	0	2.1	0		0	0	0
27	C330	17-JUN-91pad_ac	0	0	0	0		0	0	0
27	C330	27-JUL-93ac_rev	0	0	0	0		0	0	0
27	C330	01-AUG-95ac_rev	0	0	0	0		0	0	0
27	C340	14-MAY-90pad_ac	0	0		42		128.6438860	0	0
27	C340	13-NOV-90ac_rev	0	0		37		111.9	0	0
27	C340	17-JUN-91pad_ac	0	0		39		118.4483220	0	0
27	C340	27-JUL-93ac_rev	0	0		43		119.2	0	0
27	C340	01-AUG-95ac_rev	0	0		43		137.5	0	0
27	C350	14-MAY-90pad_ac	0	0	0	143.68576627		102.5438640	0	0
27	C350	13-NOV-90ac_rev	0	0	0	0		0	0	0
27	C350	17-JUN-91pad_ac	0	0	0	0		0	0	0
27	C350	27-JUL-93ac_rev	0	0	0	0		0	0	0
27	C350	01-AUG-95ac_rev	0	0	0	0		0	0	0
27	D310	90-05-30 pad_ac	223.0304680	0	0	102.32135616		38.212776	0	0
27	D310	91-06-13 pad_ac	173.7258890	0	0	10.5918	8	28.23972	2	0.39112179
27	D310	13-OCT-92ac_rev	0	0	0	0	0	0	0	0
27	D310	12-JUL-93ac_rev	0	0	2	95	13	31.7	0	0
27	D310	17-AUG-94ac_rev	0	0	13.2	113.7	27	52.7	0	0
27	D310	29-MAR-95ac_rev	0	0	13.6	66.6	41	57.4	0	0
27	D320	30-MAY-90pad_ac	203.35546	0	0	173.19345	21	30.973776	0	0
27	D320	24-SEP-90ac_rev	0	0		0	3	0	0	0
27	D320	13-JUN-91pad_ac	0	0		0	7	0	0	0
27	D320	12-JUL-93ac_rev	0	0		190.1	11	0	0	0
27	D320	17-AUG-94ac_rev	8.9	0		331	51	0	0	0
27	D330	30-MAY-90pad_ac	0	0		0		0	0	0
27	D330	24-SEP-90ac_rev	0	0		0		0	0	0
27	D330	13-JUN-91pad_ac	0	0		0		0	0	0
27	D340	30-MAY-90pad_ac	153.58916	0		0		0	0	0
27	D340	24-SEP-90ac_rev	346.9	0		0		0	0	0
27	D340	13-JUN-91pad_ac	162.001533	0		0		3	0.38926373	0
27	D340	12-JUL-93ac_rev	398.2	0		0		3	0.3	0
27	D340	17-AUG-94ac_rev	385.6	0		0		4	1.7	0
27	D350	30-MAY-90pad_ac	0	0	0	100.00488	27	41.327832	3	1.5384743
27	D350	24-SEP-90ac_rev	0	0		0	14	51.2	0	0

27	D350	13-JUN-91pad_ac	0	0		21	39.3192	0	0
27	D350	12-JUL-93ac_rev	0	0		24	44.5	0	0
27	D350	17-AUG-94ac_rev	0	0		43	48.2	1	0.1
27	D350	29-MAR-95ac_rev	0	0		54	56.6	0	0
28	0501	01-JUN-89pad_ac	0	0		14	0	0	0
28	0501	13-JUN-93ac_rev	0	0		28	0	0	0
28	0501	13-JUL-93ac_rev	0	0		28	0	0	0
28	0501	04-JAN-96pad42_ac	0.9	0		68	0	0	0
28	0501	26-FEB-97ac_rev	29.2	83.1		48	0	0	0
28	0502	01-JUN-89pad_ac	4.585694	191.23904	0	92.832936	46	80.988408	2
28	0502	27-FEB-97ac_rev	65.8	56.5	0.5	0.5	30	24.7	0
28	0503	01-JUN-89pad_ac	5.8445302	0	0	119.52122474		107.37799	0
28	0503	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0503	04-JAN-96pad42_ac	0	0	17.9	0.4	11	17.6	0
28	0503	27-FEB-97ac_rev	2.2	80.7	66.5	10	63	83.2	0
28	0504	01-JUN-89pad_ac	0	0	0	96.100392	24	35.67684	0
28	0504	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0504	04-JAN-96pad42_ac	0	0	0	0	1	0.9	0
28	0504	27-FEB-97ac_rev	0.5	0	0	12.6	0	0	0
28	0505	01-JUN-89pad_ac	0	0	0	37.027104	9	10.213848	0
28	0505	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0505	04-JAN-96pad42_ac	0	0	3.2	0.9	8	7.5	0
28	0505	26-FEB-97ac_rev	17.7	17.5	1	32.2	12	19.2	0
28	0506	01-JUN-89pad_ac	0	0	0	33.159192	9	11.158728	0
28	0506	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0506	04-JAN-96pad42_ac	0	0	0	0	5	13.6	0
28	0506	26-FEB-97ac_rev	30.4	9.1		4.5	24	40.5	0
28	0507	01-JUN-89pad_ac	0	0	0	49.612296	26	32.5374	0
28	0507	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0507	04-JAN-96pad42_ac	0	0	0	0	0	0	0
28	0507	25-FEB-97ac_rev	0	0	0	0	0	0	0
28	0508	01-JUN-89pad_ac	0	0	0	113.84584	57	75.578208	0
28	0508	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0508	04-JAN-96pad42_ac	0.3	0	56.3	0.5	5	5.2	0
28	0508	27-FEB-97ac_rev	33.1	0	64.2	47.2	27	38.9	0
28	0509	01-JUN-89pad_ac	7.06156	0	0	133.54507	111	164.43655	2
28	0509	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	0509	04-JAN-96pad42_ac	2.4	0	0	6	7.3	0	0
28	0509	27-FEB-97ac_rev	130.6	0	0	10	7.2	0	0
28	1001	10-JAN-90pad_ac	0	0	0	0	0	0	0
28	1001	03-MAR-91pad_ac	0	0	0	0	0	0	0
28	1001	04-MAR-91ac_rev	0	0	0	0	0	0	0
28	1001	14-JUL-93ac_rev	0	0	0	0	0	0	0
28	1001	11-DEC-95pad42_ac		468.1	0	0	0	0	0
28	1016	31-MAY-89pad_ac	0	0	0	0	0	0	0
28	1016	20-FEB-91pad_ac	0	0	0	0	0	0	0
28	1016	08-JUL-92ac_rev	0	0	0	0	0	0	0
28	1016	22-JAN-93ac_rev	0	0	0	0	0	0	0
28	1016	13-JUL-93ac_rev	0	0	0	0	0	0	0
28	1016	08-AUG-95ac_rev	0	0	0	0	0	0	0
28	1016	04-JAN-96pad42_ac	0	0	0	0	0	0	0
28	1016	10-APR-96ac_rev	0	0	0	0	0	0	0
28	1802	25-MAY-89pad_ac	0	0	0	0	0	0	0
28	1802	11-JUN-90pad_ac	0	0	0	0	0	0	0
28	1802	28-DEC-90ac_rev	0	0	0	0	0	0	0
28	1802	14-JAN-91pad_ac	0	0	0	0	0	0	0
28	1802	30-MAR-92pad_ac	0	0	0	0	0	0	0
28	1802	07-JUL-92ac_rev	0	0	0	0	0	0	0
28	1802	12-JAN-93ac_rev	0	0	0	0	0	0	0
28	1802	21-JAN-93ac_rev	0	0	0	0	0	0	0
28	1802	19-JUL-95ac_rev	0	0	0	0	0	0	0
28	1802	07-JAN-96pad42_ac	0	0	0	0	0	0	0
28	1802	11-APR-96ac_rev	0	0	0	0	0	0	0
28	2807	02-JUN-89pad_ac	0	0	0	48.426624	11	32.9184	1
28	2807	28-FEB-91pad_ac	0	0	0	146.47468	16	44.482512	2
28	2807	05-MAR-91ac_rev	0	0	0	150.8	28	64.9	0
28	2807	13-JUL-93ac_rev	0	0	0	259.3	55	90	6
28	2807	95-12-01 ac_rev	0	0	1.2	17.7	41	34.6	0
28	2807	95-12-09 pad42_ac	0	0	8.5	0.7	28	51.7	0
28	3081	02-JUN-89pad_ac	0	0	0	0	0	0	0
28	3081	03-MAR-91pad_ac	0	0	0	0	0	0	0
28	3081	04-MAR-91ac_rev	0	0	0	0	0	0	0
28	3081	14-JUL-93ac_rev	0	0	0	0	0	0	0
28	3081	17-NOV-95ac_rev	0	0	0.8	78	37.1	0	0
28	3081	11-DEC-95pad42_ac		97.6	23.5	56	49.9	0	0
28	3082	05-JUN-90pad_ac	0	0	0	0	0	0	0
28	3082	14-DEC-95pad42_ac	20.7	0	0	0	0	0	0
28	3082	06-MAR-97ac_rev	89.1	0	0	0	0	0	0
28	3083	10-JAN-90pad_ac	0	0	0	0	0	0	0
28	3083	28-FEB-91pad_ac	0	455.45436	0	0	0	0	0
28	3083	05-MAR-91ac_rev	0	557.6	0	0	0	0	0

28	3083	14-JUL-93ac_rev	0	564.3	0			0	0	0
28	3083	08-NOV-95ac_rev	0	564.3	0			0	0	0
28	3083	09-DEC-95pad42_ac	0	547.4	0			0	0	0
28	3085	10-JAN-90pad_ac						0	0	0
28	3085	28-FEB-91pad_ac						0	0	0
28	3085	05-MAR-91ac_rev						1		1.1
28	3085	14-JUL-93ac_rev						0	0	0
28	3085	09-NOV-95ac_rev						0	0	0
28	3085	09-DEC-95pad42_ac						0	0	0
28	3087	10-JAN-90pad_ac		0				54.214776	0	0
28	3087	28-FEB-91pad_ac		0				67.366896	0	0
28	3087	05-MAR-91ac_rev		0				62.2	0	0
28	3087	14-JUL-93ac_rev		0				65.3	0	0
28	3087	13-NOV-95ac_rev		0				87.4	0	0
28	3087	09-DEC-95pad42_ac		255.9				72.8	0	0
28	3089	02-JUN-89pad_ac	0	0				0	0	0
28	3089	18-APR-90pad_ac	0	0				0	0	0
28	3089	05-MAR-91ac_rev	0	0				0	0	0
28	3089	13-JUL-93ac_rev	0	0				0	0	0
28	3089	28-NOV-95ac_rev	0	0				0	0	0
28	3089	09-DEC-95pad42_ac	0	381.4				0	0	0
28	3090	02-JUN-89pad_ac		0				0	0	0
28	3090	04-JUN-90pad_ac		0				0	0	0
28	3090	05-MAR-91ac_rev		0				0	0	0
28	3090	27-NOV-95ac_rev		0				0	0	0
28	3090	07-DEC-95pad42_ac		464.2				0	0	0
28	3091	24-MAY-89pad_ac			0			0	0	0
28	3091	14-FEB-91pad_ac			0			0	0	0
28	3091	07-MAR-91ac_rev			0			0	0	0
28	3091	12-JUL-93ac_rev			0			0	0	0
28	3091	95-11-20 ac_rev	0	0	0	0	12	20.8	0	0
28	3091	96-01-04 pad42_ac	0	0	0	0	23	81.9	0	0
28	3093	15-MAY-89pad_ac	0	0	0	0	0	0	0	0
28	3093	15-JAN-91pad_ac	0	0	0	0	0	0	0	0
28	3093	07-MAR-91ac_rev	0	0	0	0	0	0	0	0
28	3093	08-JAN-96pad42_ac	0	0	0	0	0	0	0	0
28	3093	08-AUG-97ac_rev	0	0	0	0	0	0	0	0
28	3094	15-MAY-89pad_ac	0	0	0	0	0	0	0	0
28	3094	15-JAN-91pad_ac	0	0	0	0	0	0	0	0
28	3094	07-MAR-91ac_rev	0	0	0	0	0	0	0	0
28	3094	19-JAN-93ac_rev	0	0	0	0	0	0	0	0
28	3094	08-JAN-96pad42_ac	0	0	0	0	1	0.8	0	0
28	3094	07-AUG-97ac_rev	0	0	0	0	0	0	0	0
28	3097	16-NOV-89pad_ac	0	0	0	0	1	0.935736	0	0
28	3097	28-FEB-91pad_ac	0	0	0	0	4	6.669024	0	0
28	3097	05-MAR-91ac_rev	40.7	0	0	0	28	68	0	0
28	3097	21-OCT-94ac_rev	72.1	0	0	0	67	152.6	2	0.8
28	3099	12-JUL-93ac_rev	0	0	0	0	0	0	1	1
28	3099	20-NOV-95ac_rev	0	0	0	0	0	0	0	0
28	3099	04-JAN-96pad42_ac	0	0	0	0	0	0	0	0
28	7012	27-MAY-89pad_ac	0	0	0	0	0	0	0	0
28	7012	14-FEB-91pad_ac	0	0	0	0	1	0.947928		
28	7012	06-MAR-91ac_rev	0	0	0	0	0	0		
28	A310	28-DEC-90ac_rev	0	0	0	0		0	0	0
28	A310	14-JAN-91pad_ac	0	0	0	0		0	0	0
28	A310	30-MAR-92pad_ac	0	0	0	0		0	0	0
28	A310	12-JUL-93ac_rev	0	0	0	0		0	0	0
28	A310	19-JUL-95ac_rev	0	0	0	0		0	0	0
28	A310	24-FEB-97ac_rev	0	0	6	1		0	0	0
28	A320	28-DEC-90ac_rev		0				0	0	0
28	A320	14-JAN-91pad_ac		0				0	0	0
28	A320	30-MAR-92pad_ac		0				0	0	0
28	A320	12-JUL-93ac_rev		0				0	0	0
28	A320	19-JUL-95ac_rev		0				0	0	0
28	A320	07-MAR-97ac_rev		30.8				0	0	0
28	A330	28-DEC-90ac_rev		0				0	0	0
28	A330	14-JAN-91pad_ac		0				0	0	0
28	A330	30-MAR-92pad_ac		0				0	0	0
28	A330	12-JUL-93ac_rev		0				0	0	0
28	A330	19-JUL-95ac_rev		0				0	0	0
28	A330	24-FEB-97ac_rev		0				0	0	0
28	A350	28-DEC-90ac_rev		0	0	0		0	0	0
28	A350	14-JAN-91pad_ac		0	0	0		0	0	0
28	A350	30-MAR-92pad_ac		0	0	3.803904		0	0	0
28	A350	12-JUL-93ac_rev		0	0	0		0	0	0
28	A350	19-JUL-95ac_rev		0	16.4	0		0	0	0
28	A350	07-MAR-97ac_rev		0	35	0.7		0	0	0
29	1002	21-JUN-89pad_ac		0				4.111752	0	0
29	1002	20-JUN-90pad_ac		0				40.197024	0	0
29	1002	10-DEC-91pad_ac		0				57.360312	0	0
29	1002	06-MAY-92ac_rev		0				59.2	0	0

29	1002	01-APR-93pad42_ac							102.1	0	0
29	1002	04-MAY-93ac_rev							78	0	0
29	1002	11-JUL-95ac_rev							89.4	0	0
29	1002	17-APR-96pad42_ac							127.2	0	0
29	1005	20-JUN-90pad_ac							0	0	0
29	1005	17-APR-91ac_rev			0				0	0	0
29	1005	10-DEC-91pad_ac			0				0	0	0
29	1005	05-MAY-92ac_rev			0				0	0	0
29	1005	05-MAY-93ac_rev			0	305			0	0	0
29	1005	12-JUL-95ac_rev			0	305			0	0	0
29	1008	17-AUG-88ac_rev			0				0	0	0
29	1008	13-MAR-89pad_ac			0				0	0	0
29	1008	30-OCT-90pad_ac			0				0	0	0
29	1008	16-FEB-92ac_rev			0				0	0	0
29	1008	05-MAR-93pad42_ac			0				0	0	0
29	1008	26-MAR-93ac_rev			0				0	0	0
29	1008	29-MAR-93ac_rev			0				0	0	0
29	1008	17-APR-96pad42_ac			0				0	0	0
29	1010	18-AUG-88ac_rev	0		0		12		0	0	0
29	1010	10-JUN-89pad_ac	0		0		54		83.746848	0	0
29	1010	26-MAR-93ac_rev	0		0	1.5	63		89	1	0.2
29	1010	01-APR-93pad42_ac	0		0	0.4	88		129.5	1	0.1
29	1010	17-APR-96pad42_ac	0		0	1.2	99		151.7	0	0
29	4069	04-APR-93pad42_ac	0		0		105.6	2	5.1	0	0
29	5393	22-JUN-89pad_ac	0		0		0	7	26.916888	0	0
29	5393	13-MAY-91pad_ac	0		0		0		0	0	0
29	5393	11-FEB-92ac_rev	0		0		0		0	0	0
29	5393	28-MAR-93pad42_ac	0.6		0	5.7	3.7		0	0	0
29	5403	88-10-20 ac_rev	0		325.5	0	0	8	0	0	0
29	5403	89-06-07 pad_ac	0		152.8719450		270.08632260		126.9705340	0	0
29	5403	27-FEB-91pad_ac	0		0		0		7.626096	0	0
29	5403	17-FEB-92ac_rev	0		0		0		10.1	0	0
29	5403	15-JAN-93pad42_ac	0		0		0		14.1	0	0
29	5403	13-SEP-94ac_rev	0		0		88.1		28.5	0	0
29	5403	14-SEP-94ac_rev	0		0		88.1		28.5	0	0
29	5403	05-DEC-95pad42_ac	0		0		251.3		62.2	0	0
29	5413	88-12-21 ac_rev	16.2		0		0	13	0	11	
29	5413	89-06-07 pad_ac	82.336247		0		132.37464	82	108.9416160		
29	5413	27-FEB-91pad_ac	0		0		0	0	0	0	0
29	5413	17-FEB-92ac_rev	0		0		0	7	0	0	0
29	5413	08-OCT-92pad42_ac	0		0		0	0	0	0	0
29	5413	13-SEP-94ac_rev	0		0		0	0	0	0	0
29	5413	05-DEC-95pad42_ac	0		0		0	0	0	0	0
29	5473	09-MAY-89pad_ac	0		0		0		0	0	0
29	5473	14-MAY-91pad_ac	0		0		0		0	0	0
29	5473	16-APR-96pad42_ac	0		0		0		0	0	0
29	5483	89-05-04 pad_ac	0		0		3.15468	33	92.403168	0	0
29	5483	91-05-14 pad_ac	0		0		80.826864	0	0	0	0
29	5483	12-FEB-92ac_rev	0		0		0		0	0	0
29	5483	01-APR-93pad42_ac	0		0	0.8	3		9	0	0
29	5483	02-APR-93ac_rev	0		0		8		26.5	0	0
29	6067	18-AUG-88ac_rev	0		0		0		0	0	0
29	6067	10-JUN-89pad_ac	0		0		197.27875		0	0	0
29	6067	28-FEB-91pad_ac	0		0		209.54695		0	0	0
29	6067	28-MAR-93pad42_ac	0.6		0		182.7		0	0	0
29	6067	12-SEP-94ac_rev	0		0		287.7		0	0	0
29	6067	05-DEC-95pad42_ac	0		0		146.3		0	0	0
29	7054	17-AUG-88ac_rev	0		0		0		0	0	0
29	7054	13-MAR-89pad_ac	0		0		0		0	0	0
29	7054	30-OCT-90pad_ac	0		0		0		0	0	0
29	7054	08-MAR-93pad42_ac	0.6		0	7.2	0		0	0	0
29	7054	94-06-10 pad42_ac	0		0		0	0	0	0	0
29	7054	96-04-17 pad42_ac	0		0		0	0	0	0	0
29	7073	15-AUG-88ac_rev							0	0	0
29	7073	08-MAR-89pad_ac							0	0	0
29	7073	14-MAY-91pad_ac							0	0	0
29	7073	04-APR-93pad42_ac							0	0	0
29	7073	16-APR-96pad42_ac							0	0	0
29	A310	20-JUN-90pad_ac	0		0		54.77256	69	50.020728	0	0
29	A310	07-NOV-90ac_rev							0	0	0
29	A310	17-APR-91ac_rev							0	0	0
29	A310	10-DEC-91pad_ac							0	0	0
29	A310	05-MAY-92ac_rev							0	0	0
29	A310	03-SEP-92ac_rev							0	0	0
29	A310	05-MAY-93ac_rev							0	0	0
29	A310	12-JUL-95ac_rev							0	0	0
29	A310	14-FEB-96ac_rev			1				0	0	0
29	A320	20-JUN-90pad_ac	0		0		208.95868	149	115.56187	0	0
29	A320	07-NOV-90ac_rev							0	0	0
29	A320	17-APR-91ac_rev							0	0	0
29	A320	10-DEC-91pad_ac							0	0	0

29	A320	05-MAY-92ac_rev	0.2	0			0	0
29	A320	05-MAY-93ac_rev	11.8	0			0	0
29	A320	12-JUL-95ac_rev	11.8	0			0	0
29	A320	14-FEB-96ac_rev	69	0			0	0
29	A330	20-JUN-90pad_ac		0			0	0
29	A330	07-NOV-90ac_rev		0			0	0
29	A330	17-APR-91ac_rev		0			0	0
29	A330	10-DEC-91pad_ac		0			0	0
29	A330	05-MAY-92ac_rev		0			0	0
29	A330	03-SEP-92ac_rev		0			0	0
29	A330	05-MAY-93ac_rev		0			0	0
29	A330	12-JUL-95ac_rev		0			0	0
29	A340	20-JUN-90pad_ac		0			0	0
29	A340	07-NOV-90ac_rev		0			0	0
29	A340	17-APR-91ac_rev		0			0	0
29	A340	10-DEC-91pad_ac		0			0	0
29	A340	05-MAY-92ac_rev		0			0	0
29	A340	03-SEP-92ac_rev		0			1	0
29	A340	05-MAY-93ac_rev		0			0	0
29	A340	12-JUL-95ac_rev		0			0	0
29	A340	14-FEB-96ac_rev		0			0	0
29	A350	20-JUN-90pad_ac	0	0	0	148.65096	104	107.85043
29	A350	07-NOV-90ac_rev	0	0				0
29	A350	17-APR-91ac_rev	0	0				0
29	A350	10-DEC-91pad_ac	0	0				0
29	A350	05-MAY-92ac_rev	0	0				0
29	A350	03-SEP-92ac_rev	0.1	0				0
29	A350	05-MAY-93ac_rev	0	0				0
29	A350	12-JUL-95ac_rev	0	0				0
29	A350	14-FEB-96ac_rev	0	0				0
29	B310	20-JUN-90pad_ac	0	0	0	33.134808	10	15.14856
29	B310	08-NOV-90ac_rev	0	0			0	0
29	B310	07-APR-91ac_rev	0	0			3	0
29	B310	17-APR-91ac_rev	0	0			3	0
29	B310	10-DEC-91pad_ac	0	0			4	0
29	B310	06-MAY-92ac_rev	0	0			4	0
29	B310	04-MAY-93ac_rev	0	0			4	0
29	B310	11-JUL-95ac_rev	0	0			4	0
29	B310	21-FEB-96ac_rev	0	0			4	0
29	B320	20-JUN-90pad_ac	0	0	0	6.312408	9	17.361408
29	B320	08-NOV-90ac_rev	0	0				0
29	B320	17-APR-91ac_rev	0	0				0
29	B320	10-DEC-91pad_ac	0	0				0
29	B320	06-MAY-92ac_rev	0	0				0
29	B320	04-MAY-93ac_rev	0	0				0
29	B320	11-JUL-95ac_rev	0	0				0
29	B320	21-FEB-96ac_rev	0	0				0
29	B330	20-JUN-90pad_ac	0	0		0.630936		0
29	B330	08-NOV-90ac_rev	0	0		0		0
29	B330	17-APR-91ac_rev	0	0		2		0
29	B330	10-DEC-91pad_ac	0	0		0		0
29	B330	06-MAY-92ac_rev	0	0		0.9		0
29	B330	04-MAY-93ac_rev	0	0		3		0
29	B330	11-JUL-95ac_rev	0	0		3		0
29	B330	21-FEB-96ac_rev	1.2	0		3.4		0
29	B340	20-JUN-90pad_ac	0	0				0
29	B340	08-NOV-90ac_rev	1.5	0				0
29	B340	17-APR-91ac_rev	0.5	0				0
29	B340	10-DEC-91pad_ac	0	0				0
29	B340	06-MAY-92ac_rev	0.6	0				0
29	B340	04-MAY-93ac_rev	0.8	0				0
29	B340	11-JUL-95ac_rev	0.8	0				0
29	B340	21-FEB-96ac_rev	0	0				0
29	B350	20-JUN-90pad_ac	0	0	0	112.42548	5	15.78864
29	B350	08-NOV-90ac_rev	0	0			1	3.7
29	B350	17-APR-91ac_rev	0	0			4	14.6
29	B350	10-DEC-91pad_ac	0	0			4	13.862304
29	B350	06-MAY-92ac_rev	0	0			5	15.8
29	B350	04-MAY-93ac_rev	0	0			5	18.5
29	B350	11-JUL-95ac_rev	0	0			9	19.8
29	B350	21-FEB-96ac_rev	0	0			9	21.2
30	0805	23-AUG-94ac_rev	0	0	0	0	0	0
30	0805	07-SEP-95ac_rev	0	0	0	0	0	0
30	0805	08-JUN-96pad42_ac	0	0	0	0	0	0
30	0805	30-JUL-96ac_rev	0	0	0	0	0	0
30	0806	23-AUG-94ac_rev	0	0	0	0	0	0
30	0806	07-SEP-95ac_rev	0	0	0	0	0	0
30	0806	08-JUN-96pad42_ac	0	0	0	0	1	1.1
30	0806	30-JUL-96ac_rev	0	0	0	0	0	0
31	0113	08-APR-96pad42_ac	0	0	0	0	0	0
31	0114	01-AUG-95ac_rev	0	0	0	0	0	0

31	0114	07-MAR-96	ac_rev	0	0	0	0	0	0	0	0	0
31	0114	08-APR-96	pad42_ac	0	0	2.7	3	1	2.3	0	0	0
31	0115	95-08-01	ac_rev	0	0	0	0	0	0	0	0	0
31	0115	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0116	95-08-03	ac_rev	0	0	0	0	0	0	0	0	0
31	0116	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0117	95-08-01	ac_rev	0	0	0	0	0	0	0	0	0
31	0117	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0118	95-08-03	ac_rev	0	0	0	0	0	0	0	0	0
31	0118	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0119	08-APR-96	pad42_ac	0	0	0	0	3	2.6	0	0	0
31	0120	95-08-03	ac_rev	0	0	0	0	0	0	0	0	0
31	0120	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0121	95-08-01	ac_rev	0	0	0	0	0	0	0	0	0
31	0121	97-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0122	95-08-03	ac_rev	0	0	0	0	0	0	0	0	0
31	0122	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	0123	95-08-01	ac_rev	0	0	0	0	0	0	0	0	0
31	0123	96-04-08	pad42_ac	0	0	0	0	1	1.1	0	0	0
31	0124	95-08-01	ac_rev	0	0	0	0	0	0	0	0	0
31	0124	96-04-08	pad42_ac	0	0	0	0	0	0	0	0	0
31	1030	28-JUL-88	ac_rev	0	0	0	0	4	0	0	0	0
31	1030	10-MAY-89	pad_ac	0	0	0	0	0	37.07892	0	0	0
31	1030	29-NOV-90	ac_rev	0	0	0	0	0	45.4	0	0	0
31	1030	12-JUN-91	ac_rev	0	0	0	0	0	44.5	0	0	0
31	1030	16-AUG-91	pad_ac	0	0	0	0	0	50.18532	0	0	0
31	1030	20-APR-93	ac_rev	0	0	0	0	0	47.1	0	0	0
31	1030	08-APR-96	pad42_ac	0	0	0	0	0	68.7	0	0	0
31	6700	28-JUL-88	ac_rev	0	0	0	0	17	0	0	0	0
31	6700	10-MAY-89	pad_ac	0	0	0	154.41472	0	0	0	0	0
31	6700	15-APR-93	pad42_ac	0	0	2.8	229.4	17	57.1	0	0	0
31	6700	08-APR-96	pad42_ac	0	0	1.7	269.7	20	60.7	0	0	0
31	6702	15-DEC-90	pad_ac	0	0	0	0	0	0	0	0	0
31	6702	25-JUL-94	pad42_ac	0	0	0	0.8	2	2	0	0	0
31	6702	06-MAY-96	pad42_ac	0	0	0	0	0	0	0	0	0
31	7005	26-JUL-88	ac_rev	0	0	0	0	0	0	0	0	0
31	7005	11-MAY-89	pad_ac	0	0	0	0	0	0	0	0	0
31	7005	16-APR-93	pad42_ac	0	0	0	0	0	0	0	0	0
31	7005	21-OCT-93	ac_rev	0	0	0	0	0	0	0	0	0
31	7005	95-04-21	ac_rev	0	0	0	0	2	5.6	0	0	0
31	7005	96-04-06	pad42_ac	0	0	0	0	0	0	0	0	0
31	7017	26-JUL-88	ac_rev	0	0	0	0	0	0	0	0	0
31	7017	15-MAY-89	pad_ac	0	0	0	0	0	0	0	0	0
31	7017	17-NOV-90	pad_ac	0	0	0	0	2	3.889248	0	0	0
31	7017	16-APR-93	pad42_ac	0	0	0	0	5	10.8	0	0	0
31	7017	16-JUL-93	ac_rev	0	0	0	0	18	11.6	0	0	0
31	7040	89-05-15	pad_ac	0	0	0	133.43839235	0	121.21896	17	0	0
31	7040	90-05-10	pad_ac	0	0	0	169.06950426	0	87.23376	1	0	0
31	7040	16-APR-93	pad42_ac	0	0	3.6	1.2	0	0	0	0	0
31	7040	20-OCT-93	ac_rev	0	0	4	0	0	0	0	0	0
31	7040	04-APR-96	pad42_ac	0	0	0	0	0	0	0	0	0
31	7050	26-JUL-88	ac_rev	0	0	0	0	0	0	0	0	0
31	7050	11-MAY-89	pad_ac	0	0	0	0	0	0	0	0	0
31	7050	16-APR-93	pad42_ac	0	0	1.1	0	0	0	0	0	0
31	7050	22-OCT-93	ac_rev	0	0	0	0	0	0	0	0	0
31	7050	22-APR-95	ac_rev	0	0	0	0	0	0	0	0	0
31	7050	06-APR-96	pad42_ac	0	0	0	0	0	0	0	0	0
31	A310	11-JUL-90	ac_rev	0	0	0	0	11	0	0	0	0
31	A310	29-NOV-90	ac_rev	0	0	0	0	0	0	0	0	0
31	A310	12-JUN-91	ac_rev	0	0	0	0	0	0	0	0	0
31	A310	16-AUG-91	pad_ac	0	0	0	0	0	0	0	0	0
31	A310	20-APR-93	ac_rev	0	0	0	0	0	0	0	0	0
31	A310	07-NOV-95	ac_rev	0	0	126.2	73.8	0	0	0	0	0
31	A320	11-JUL-90	ac_rev	0	0	0	0	0	0	0	0	0
31	A320	29-NOV-90	ac_rev	0	0	0	0	8	21.3	0	0	0
31	A320	12-JUN-91	ac_rev	0	0	0	0	8	23.4	0	0	0
31	A320	16-AUG-91	pad_ac	0	0	0	0	7	22.305264	0	0	0
31	A320	07-AUG-92	ac_rev	0	0	0	0	9	24	0	0	0
31	A320	20-APR-93	ac_rev	0	0	0	0	9	24.7	0	0	0
31	A320	07-NOV-95	ac_rev	0.5	0	0	0	16	30.8	0	0	0
31	A330	11-JUL-90	ac_rev	0	0	0	0	0	0	0	0	0
31	A330	29-NOV-90	ac_rev	0	0	0	0	11	0	0	0	0
31	A330	12-JUN-91	ac_rev	0	0	0	0	10	0	0	0	0
31	A330	16-AUG-91	pad_ac	0	0	0	0	10	0	0	0	0
31	A330	07-AUG-92	ac_rev	0	0	0	0	14	0	0	0	0
31	A330	21-APR-93	ac_rev	0	0	0	0	15	0	0	0	0
31	A330	07-NOV-95	ac_rev	0	0	0	0	15	0	0	0	0
31	A340	11-JUL-90	ac_rev	0	0	0	0	0	0	0	0	0
31	A340	29-NOV-90	ac_rev	0	0	0	0	8	22.6	0	0	0
31	A340	12-JUN-91	ac_rev	0	0	0	0	9	25.4	0	0	0
31	A340	16-AUG-91	pad_ac	0	0	0	0	8	26.843736	0	0	0

31	A340	07-AUG-92ac_rev	0.4	0	0	12	27.9	0	0	
31	A340	21-APR-93ac_rev	0	0	0	12	29.2	0	0	
31	A340	08-NOV-95ac_rev	0	0	0	14	33.6	0	0	
31	A350	11-JUL-90ac_rev	0	0	0	14	0	0	0	
31	A350	29-NOV-90ac_rev	0	0	0	10	21.3	0	0	
31	A350	12-JUN-91ac_rev	0	0	0	12	25.1	0	0	
31	A350	16-AUG-91pad_ac	0	0	0	12	28.194	0	0	
31	A350	07-AUG-92ac_rev	0	0	0	13	29.7	0	0	
31	A350	21-APR-93ac_rev	0	0	19.9	12	25.1	0	0	
31	A350	08-NOV-95ac_rev	0	0	25.6	15	37	0	0	
32	0101	03-APR-96ac_rev	0	0	0	0	0	0	0	
32	0101	30-MAY-96pad42_ac	0	0	0	0	0	0	0	
32	0101	09-OCT-96ac_rev	0	0	0	0	0	0	0	
32	0101	11-OCT-96ac_rev	0	0	0	0	0	0	0	
32	0101	06-NOV-96ac_rev	0	0	0	0	0	0	0	
32	0101	13-MAR-97ac_rev	0	0	0	0	0	0	0	
32	0101	18-APR-97ac_rev	0	0	0	0	0	0	0	
32	0101	15-JUL-97ac_rev	0	0	0	0	0	0	0	
32	0101	10-SEP-97ac_rev	0	0	0	0	0	0	0	
32	0102	96-04-04 ac_rev	0	0	0	0	0	0	0	
32	0102	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0103	96-04-04 ac_rev	0	0	0	0	0	0	0	
32	0103	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0104	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0104	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0105	96-04-04 ac_rev	0	0	0	0	0	0	0	
32	0105	96-05-30 pad42_ac	0	0	0.6	0	0	0	0	
32	0106	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0106	96-05-30 pad42_ac	0	0	0	1	0.3	0	0	
32	0107	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0107	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0108	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0108	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0109	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0109	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0110	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0110	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0111	96-04-04 ac_rev	0	0	0	0	0	0	0	
32	0111	96-05-30 pad42_ac	0	0	0	0	0	0	0	
32	0112	96-04-03 ac_rev	0	0	0	0	0	0	0	
32	0112	96-05-30 pad42_ac	0	0	0	0	0	0	0	
33	1001	10-AUG-89pad_ac	0	0	0	0	0	0	0	
33	1001	04-SEP-90pad_ac	0	0	0	0	0	0	0	
33	1001	01-OCT-92pad42_ac	0	0	0	0	0	0	0	
33	1001	26-MAY-94ac_rev	0	0	0	0	0	0	0	
33	1001	16-AUG-94ac_rev	0	0	0	0	0	0	0	
33	1001	01-JUN-95ac_rev	0	0	0	0	0	0	0	
33	1001	27-OCT-95pad42_ac	0	0	0	0	0	0	0	
33	1001	13-NOV-96ac_rev	0	0	0	0	0	0	0	
33	1001	14-MAY-97ac_rev	0	0	0	0	0	0	0	
33	1001	22-OCT-97ac_rev	0	0	0	0	0	0	0	
34	0501	02-APR-92ac_rev			3	15				
34	0501	04-NOV-95pad42_ac			38.1	19				
34	0501	04-DEC-96ac_rev			51.8	167				
34	0502	02-APR-92ac_rev	456.1	0	1.5	0	4	10.1	1	4
34	0502	95-11-04 pad42_ac	0	0	0	52.5	2	4.3	0	0
34	0502	96-10-09 ac_rev	0	0	0	320.4	34	25.2	0	0
34	0503	02-APR-92ac_rev	0	239.6	0	15	6	10.5	0	0
34	0503	04-NOV-95pad42_ac	0	0	0	11.4	0	0	0	0
34	0503	09-NOV-95ac_rev	0	0	0	240.3	0	0	0	0
34	0503	27-AUG-96ac_rev	0	0	0.8	240.7	0	0	0	0
34	0504	02-APR-92ac_rev	28.4	30.9	4	75.9	19	42	0	0
34	0504	95-11-04 pad42_ac	0	0	0	1	0	0	0	0
34	0504	96-10-09 ac_rev	0	0	0	196.1	1	0.8	0	0
34	0505	02-APR-92ac_rev	65.5	144	10.1	15.2	21	31.4	1	1.3
34	0505	95-11-04 pad42_ac	0	0	0	24.3	7	13.4	0	0
34	0505	96-10-09 ac_rev	0	0	1.5	153.6	26	31.3	0	0
34	0506	02-APR-92ac_rev	0	217.1	1.8	0	11	10.6	3	20.8
34	0506	95-11-04 pad42_ac	0	0	0	0	1	1.4	0	0
34	0506	96-08-28 ac_rev	0	0	0	79.4	0	0	0	0
34	0507	02-APR-92ac_rev	1.5	263.1	2.7	0	10	19.5	2	6.9
34	0507	04-NOV-95pad42_ac	0	0	0	0	0	0	0	0
34	0507	09-NOV-95ac_rev	0	0	0	27	0	0	0	0
34	0507	27-AUG-96ac_rev	0	0	0	40.9	0	0	0	0
34	0508	02-APR-92ac_rev	0	155.1	0	30.5	11	16.8	2	0.2
34	0508	04-NOV-95pad42_ac	0	0	0	1	1	1.4	0	0
34	0508	09-NOV-95ac_rev	0	0	0	171.5	0	0	0	0
34	0508	28-AUG-96ac_rev	0	0	0	202.1	0	0	0	0
34	0509	02-APR-92ac_rev	0	390.6	1.1	0	2	2.1	2	9
34	0509	95-11-04 pad42_ac	0	0	0	0	0	0	0	0
34	0509	96-08-28 ac_rev	0	0	0.7	216.3	3	1.4	0	0

34	0801	08-SEP-93ac_rev	0	0	0	0	0	0	0	0
34	0801	02-NOV-95pad42_ac	0	0	0	0	0	0	0	0
34	0801	16-NOV-95ac_rev	0	0	0	0	0	0	0	0
34	0802	08-SEP-93ac_rev	0	0	0	0	0	0	0	0
34	0802	02-NOV-95pad42_ac	0	0	0	0	0	0	0	0
34	0802	16-NOV-95ac_rev	0	0	0	0	0	0	0	0
34	1003	28-JUL-89pad_ac	0	0	0	1.560576	11	11.859768	2	0.47566356
34	1003	11-SEP-90pad_ac	0	0	0	32.09544	22	21.189696	0	0
34	1003	28-SEP-92pad42_ac	0	0	15.6	146.5	130	73.6	0	0
34	1003	94-11-29 ac_rev	0	0	0	0	0	0	0	0
34	1003	95-10-30 pad42_ac	0	0	0	0	2	0.8	0	0
34	1011	05-OCT-89pad_ac	0	0	0	138.05916			0	0
34	1011	12-SEP-90pad_ac	0	0	0	131.734554			0	0
34	1011	24-FEB-93pad42_ac	0	0	3.5	167.8			0	0
34	1011	29-JUL-97ac_rev	41.5	0	21.8	163.2			6	0.9
34	1030	90-09-11 pad_ac	227.7545880	0	0	51.700176	25	42.068496	0	0
34	1030	97-07-22 ac_rev	0	0	0	0	0	0	0	0
34	1031	05-OCT-89pad_ac							0	0
34	1031	12-SEP-90pad_ac							0	0
34	1031	26-OCT-95ac_rev							0	0
34	1031	01-AUG-96ac_rev							0	0
34	1033	05-OCT-89pad_ac		0					0	0
34	1033	12-SEP-90pad_ac		0					0	0
34	1033	24-FEB-93pad42_ac		0					0	0
34	1033	03-NOV-95pad42_ac		0					0	0
34	1033	23-JUL-97ac_rev		0					0	0
34	1033	22-OCT-97ac_rev		0					0	0
34	1034	05-OCT-89pad_ac	0	0	0	0	0	0	0	0
34	1034	12-SEP-90pad_ac	0	0	0	0	0	0	0	0
34	1034	24-FEB-93pad42_ac	0	0	0	0	0	0	0	0
34	1034	04-NOV-95pad42_ac	0	0	0.8	0	0	0	0	0
34	1034	30-JUL-97ac_rev	19	0	4.5		15	9.9	0	0
34	1638	05-OCT-89pad_ac	0	0	0	0	0	0	0	0
34	1638	24-FEB-93pad42_ac	0	0	0	94.4	0	0	0	0
34	1638	04-NOV-95pad42_ac	0	0	0	120.6	0	0	0	0
34	1638	31-JUL-97ac_rev	0	0	0	167	1	0.5	0	0
34	6057	05-OCT-89pad_ac	0	0	0	0	0	0	0	0
34	6057	12-SEP-90pad_ac	0	0	0	0	0	0	0	0
34	6057	24-FEB-93pad42_ac	0	0	0	0	0	0	0	0
34	6057	03-NOV-95pad42_ac	0	0	0	0	0	0	0	0
34	6057	23-OCT-97ac_rev	20.8	0	0	0	0	0	0	0
35	0101	01-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0102	01-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0103	01-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0104	01-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0105	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0106	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0107	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0108	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0109	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0110	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0111	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	0112	02-MAY-97ac_rev	0	0	0	0	0	0	0	0
35	1002	05-DEC-89pad_ac	0	0	0	0	0	0	0	0
35	1002	28-MAR-91ac_rev	0	0	0	0	0	0	0	0
35	1002	27-JAN-93pad42_ac	0	0	0	0	0	0	0	0
35	1002	17-FEB-94ac_rev	0	0	0	0	0	0	0	0
35	1002	17-MAR-95pad42_ac	0	0	1.9	0	0	0	0	0
35	1002	28-APR-97ac_rev	0	0	1.4	0	0	0	0	0
35	1003	05-DEC-89pad_ac	0	0	0	6	0	0	0	0
35	1003	22-JAN-91pad_ac	0	0	0	9	0	0	0	0
35	1003	28-MAR-91ac_rev	0	0	0	7	0	0	0	0
35	1003	27-JAN-93pad42_ac	0	0	0	19	0	0	0	0
35	1003	17-FEB-94ac_rev	0	0	0	18	0	0	0	0
35	1003	17-MAR-95pad42_ac	0	0	0	20	1	0	0.2	0
35	1003	26-APR-95ac_rev	0	0	0	16	0	0	0	0
35	1003	28-APR-97ac_rev	0	0	0	26	0	0	0	0
35	1005	31-OCT-89pad_ac	0	0	0	0	0	0	0	0
35	1005	26-MAR-91ac_rev	0	0	0	0	0	0	0	0
35	1005	24-OCT-92pad42_ac	0	0	0	0	0	0	0	0
35	1005	15-FEB-94ac_rev	0	0	0	0	0	0	0	0
35	1005	18-MAR-95pad42_ac	0	0	0	0	0	0	0	0
35	1005	29-APR-97ac_rev	0	0	0	0	0	0	0	0
35	1022	31-OCT-89pad_ac	0	0	0	0	0	0	0	0
35	1022	26-MAR-91ac_rev	0	0	0	0	0	0	0	0
35	1022	24-OCT-92pad42_ac	0	0	0	0	0	0	0	0
35	1022	15-FEB-94ac_rev	0	0	0	0	0	0	0	0
35	1022	18-MAR-95pad42_ac	0	0	0	0	0	0	0	0
35	1022	30-APR-97ac_rev	0	0	0	0	0	0	0	0
35	1112	05-DEC-89pad_ac	0	0	0	0	0	0	0	0
35	1112	22-JAN-91pad_ac	0	0	0	0	0	0	0	0

35	1112	27-MAR-91ac_rev	0	0	0	0	0	0	0
35	1112	27-JAN-93pad42_ac	0	0	0	0	0	0	0
35	1112	16-FEB-94ac_rev	0	0	0	0	0	0	0
35	1112	26-OCT-94ac_rev	0	0	0	0	0	0	0
35	1112	15-MAR-95pad42_ac	0.8	0	4.4	2.8	0	0	0
35	1112	25-APR-95ac_rev	0	0	0	0	0	0	0
35	1112	27-JUN-95ac_rev	0	0	0	0	0	0	0
35	1112	25-NOV-96ac_rev	0	0	0	0	0	0	0
35	1112	28-APR-97ac_rev	0	0	0	0	0	0	0
35	2006	31-OCT-89pad_ac	0	0	0	0	1	0.86399827	
35	2006	26-MAR-91ac_rev	0	557.6	0	0	1	1.5	
35	2006	24-OCT-92pad42_ac	5.8	642.1	0	0	4	2.3	
35	2007	31-OCT-89pad_ac	16.659373	0	0	31.275528	19	26.221944	2
35	2007	15-FEB-94ac_rev	0	0	11.5	1	1	0.1	
35	2007	18-MAR-95pad42_ac	0	0	16.2	11.5	1	0.2	
35	2007	30-APR-97ac_rev	0	0	24.4	30.5	1	0.1	
35	2118	24-JAN-90pad_ac	0	0	0	0	0	0	0
35	2118	27-MAR-91ac_rev	0	0	0	0	0	0	0
35	2118	26-JAN-93pad42_ac	0	0	0	0	0	0	0
35	2118	16-FEB-94ac_rev	0	0	0	0	0	0	0
35	2118	14-MAR-95pad42_ac	0	0	0	0	0	0	0
35	2118	29-APR-97ac_rev	0.7	0	2.2	0	0	0	0
35	6033	01-NOV-89pad_ac	0	0	0	0	29.638752	0	0
35	6033	31-AUG-90pad_ac	0	0	0	0	36.353496	0	0
35	6033	28-MAR-91ac_rev	0	0	0	0	35.4	0	0
35	6033	17-FEB-94ac_rev	0	0	0	0	52.5	0	0
35	6033	17-MAR-95pad42_ac	0	0	0	0	81.6	0	0
35	6033	01-MAY-97ac_rev	0	0	0	0	60.5	0	0
35	6035	03-NOV-89pad_ac	0	0	0	0	0	0	0
35	6035	31-AUG-90pad_ac	0	0	0	0	0	0	0
35	6035	26-OCT-92pad42_ac	0	0	0	0	2	26.2	
35	6035	15-FEB-94ac_rev	0	0	0	0	2	24.2	
35	6035	17-MAR-95pad42_ac	0	0	0	0	2	25.4	
35	6035	30-APR-97ac_rev	0	0	0	0	2	22.7	
35	6401	03-NOV-89pad_ac	0	0	0	0	0	0	0
35	6401	26-AUG-90pad_ac	0	0	0	0	0	0	0
35	6401	26-MAR-91ac_rev	0	0	0	0	0	0	0
35	6401	15-FEB-94ac_rev	0	0	0	0	0	0	0
35	6401	17-MAR-95pad42_ac	0	0	0	0	0	0	0
35	6401	30-APR-97ac_rev	0	0	0	0	0	0	0
36	0801	11-NOV-94ac_rev	0	0	0	0	0	0	0
36	0801	23-AUG-95ac_rev	0	0	0	0	0	0	0
36	0801	09-APR-96ac_rev	0	0	0	0	0	0	0
36	0801	17-JUL-96pad42_ac	0	0	0	0	0	0	0
36	0801	17-SEP-96ac_rev	0	0	0	0	0	0	0
36	0801	03-SEP-97ac_rev	0	0	0	15.7	0	0	0
36	0801	03-MAR-98ac_rev	0	0	0	31.8	0	0	0
36	0802	11-NOV-94ac_rev	0	0	0	0	0	0	0
36	0802	17-JUL-96pad42_ac	0	0	0	41.3	0	0	0
36	0802	02-SEP-97ac_rev	0	0	0	102.5	0	0	0
36	1008	08-AUG-89pad_ac	14.4873	0	0	161.48304	28	30.848808	1
36	1008	11-SEP-90pad_ac	0	0	0	0	0	0	0
36	1008	07-JUL-93pad42_ac	0	0	0	217.4	12	16.5	0
36	1008	09-OCT-95pad42_ac	0	0	0	187.6	16	29.4	0
36	1008	07-AUG-96ac_rev	0	0	1	273.6	22	36.6	0
36	1011	08-AUG-89pad_ac	0	0	0	0	0	0	0
36	1011	10-SEP-90pad_ac	0	0	0	0	0	0	0
36	1011	23-APR-93pad42_ac	1.1	0	1.5	0	0	0	0
36	1011	17-AUG-93ac_rev	16.8	0	152.5	0	0	0	0
36	1011	09-OCT-95pad42_ac	0	0	0	67.7	0	0	0
36	1644	09-AUG-89pad_ac	0	0	0	0	0	0	0
36	1644	01-AUG-90pad_ac	0	0	0	0	0	0	0
36	1644	20-SEP-91pad_ac	0	0	0	0	0	0	0
36	1644	04-MAY-92ac_rev	0	0	0	0	0	0	0
36	1644	24-APR-93pad42_ac	0	0	0	0	0	0	0
36	1644	18-NOV-93ac_rev	0	0	0	0	0	0	0
36	1644	06-SEP-95ac_rev	0	0	0	0	0	0	0
36	1644	09-OCT-95pad42_ac	0	0	0	0	0	0	0
36	1644	15-MAY-96ac_rev	0	0	0	0	0	0	0
36	1644	29-OCT-96ac_rev	0	0	0	0	0	0	0
36	A310	89-09-12 ac_rev	0	27.3	0	152.4	48	35.4	1
36	A310	90-05-21 ac_rev	1.5	27.3	2.1	152.4	48	35.4	1
36	A310	09-OCT-90ac_rev	0	0	0	0	0	0	0
36	A310	28-APR-92ac_rev	0.5	0	0	12	4.6	0	0
36	A310	04-OCT-93ac_rev	10.3	0	0	32	20.2	0	0
36	A310	11-SEP-95ac_rev	10.5	0	0	58	33.3	0	0
36	A310	29-MAY-96ac_rev	10.6	0	0	79	43.2	2	17.3
36	A320	12-SEP-89ac_rev	0	0	0	0	0	0	0
36	A320	22-MAY-90ac_rev	0	0	0	0	0	0	0
36	A320	09-OCT-90ac_rev	0	0	0	0	0	0	0
36	A320	21-AUG-91pad_ac	0	0	0	0	0	0	0

36	A320	28-APR-92ac_rev					1.2			
36	A320	05-OCT-93ac_rev					0			
36	A320	11-SEP-95ac_rev					1.5			
36	A320	29-MAY-96ac_rev					0			
36	A330	12-SEP-89ac_rev					0.4		66	87.8
36	A330	22-MAY-90ac_rev					0.4		66	87.8
36	A330	06-SEP-90pad_ac					0		76	116.12575
36	A330	09-OCT-90ac_rev					0		66	101.5
36	A330	21-AUG-91pad_ac					0		66	130.16179
36	A330	28-APR-92ac_rev					0		81	106.6
36	A330	06-OCT-93ac_rev					0		77	116.4
36	A330	11-SEP-95ac_rev					0		125	155.4
36	A330	29-MAY-96ac_rev					0		129	169.8
36	A340	12-SEP-89ac_rev								0
36	A340	21-MAY-90ac_rev								0
36	A340	06-SEP-90pad_ac								0
36	A340	09-OCT-90ac_rev								0
36	A340	21-AUG-91pad_ac								0
36	A340	28-APR-92ac_rev								0
36	A340	04-OCT-93ac_rev								0
36	A340	08-SEP-95ac_rev								0
36	A340	29-MAY-96ac_rev							2	465.1
36	A350	12-SEP-89ac_rev					0			0
36	A350	22-MAY-90ac_rev					0			0
36	A350	09-OCT-90ac_rev					0			0
36	A350	21-AUG-91pad_ac					0			0
36	A350	29-APR-92ac_rev					0			0
36	A350	05-OCT-93ac_rev					0			0
36	A350	11-SEP-95ac_rev					0			0
36	A350	30-MAY-96ac_rev					0			0
36	B310	89-09-13 ac_rev	61.6		0	0			0	0
36	B310	90-08-01 pad_ac	17.082081	0	0	111.45926	15		15.340584	0
36	B310	11-OCT-90ac_rev	0	0	0	0	0		0	0
36	B310	20-SEP-91pad_ac	0	0	0	3	0		0	0
36	B310	04-MAY-92ac_rev	0	0	11.6	7	0		0	0
36	B310	17-NOV-93ac_rev	5.2	0	17.8	8	1		0.4	0.4
36	B310	06-SEP-95ac_rev	19.5	0	27.2	31	2		0.9	0.9
36	B310	15-MAY-96ac_rev	33	0	69.3	31	2		2.4	2.4
36	B320	13-SEP-89ac_rev							0	0
36	B320	01-AUG-90pad_ac							0	0
36	B320	11-OCT-90ac_rev							0	0
36	B320	20-SEP-91pad_ac							0	0
36	B320	04-MAY-92ac_rev							1	0.4
36	B320	17-NOV-93ac_rev							2	0.3
36	B320	06-SEP-95ac_rev							2	0.1
36	B320	15-MAY-96ac_rev							2	0.3
36	B330	13-SEP-89ac_rev							23.5	0
36	B330	01-AUG-90pad_ac							22.86	0
36	B330	11-OCT-90ac_rev							20.1	0
36	B330	20-SEP-91pad_ac							37.968936	0
36	B330	01-MAY-92ac_rev							30.7	0
36	B330	17-NOV-93ac_rev							34.8	5
36	B330	06-SEP-95ac_rev							48.6	9
36	B330	14-MAY-96ac_rev							53.9	6
36	B340	13-SEP-89ac_rev							31.1	0
36	B340	01-AUG-90pad_ac							43.696128	1
36	B340	11-OCT-90ac_rev							36.5	0
36	B340	20-SEP-91pad_ac							58.969656	0
36	B340	01-MAY-92ac_rev							45.1	1
36	B340	17-NOV-93ac_rev							56.8	2
36	B340	05-SEP-95ac_rev							54.3	0
36	B340	14-MAY-96ac_rev							77.8	0
36	B350	13-SEP-89ac_rev							0	0
36	B350	01-AUG-90pad_ac							0	0
36	B350	11-OCT-90ac_rev							0	0
36	B350	20-SEP-91pad_ac							0	0
36	B350	01-MAY-92ac_rev							1	0.1
36	B350	17-NOV-93ac_rev							0	0
36	B350	05-SEP-95ac_rev							7	0.2
36	B350	14-MAY-96ac_rev							0	0
37	1006	13-OCT-89pad_ac	0	0	0	0	0		0	0
37	1006	17-AUG-91ac_rev	0	0	0	0	0		0	0
37	1006	11-OCT-92pad42_ac	0	0	0	0	0		0	0
37	1006	18-APR-94ac_rev	0	0	0	1	3.5		0	0
37	1006	20-SEP-94ac_rev	0	0	0	0	0		0	0
37	1006	95-06-07 ac_rev	0	0	0	0	0		0	0
37	1006	96-02-08 pad42_ac	0	0	0	0	0		0	0
37	1024	03-NOV-89pad_ac							0	0
37	1024	09-MAR-91pad_ac							1.911096	0
37	1024	10-APR-92ac_rev							0	0
37	1024	14-OCT-92pad42_ac							0	0

37	1024	31-JAN-96pad42_ac	21.1	0	49.4	1	12	17.7	0	0
37	1028	12-OCT-89pad_ac	0	0					0	0
37	1028	10-OCT-92pad42_ac	0	0					0	0
37	1028	18-MAY-95ac_rev	0	0					0	0
37	1028	09-FEB-96pad42_ac	0	0					0	0
37	1028	18-APR-96ac_rev	0	0					0	0
37	1028	15-AUG-96ac_rev	0	0					0	0
37	1028	02-OCT-97ac_rev	0	0					0	0
37	1028	17-MAR-98ac_rev	0	0					0	0
37	1030	12-OCT-89pad_ac	0	0	0				0	0
37	1030	10-OCT-92pad42_ac	0	0	0				0	0
37	1030	09-FEB-96pad42_ac	0.9	0	2				0	0
37	1030	09-OCT-97ac_rev	0	0	1.8				0	0
37	1040	03-NOV-89pad_ac	0	0	0	0	0	0	0	0
37	1040	11-MAR-91pad_ac	0	0	0	4.090416	0	0	0	0
37	1040	15-OCT-92pad42_ac	0	0	0	0	1	2	0	0
37	1040	95-12-13 ac_rev	0	0	0	0	0	0	1	
37	1040	96-01-31 pad42_ac	0	0	0	0	1	4	1	
37	1352	09-MAR-89pad_ac	0	0	0	0	0	0	0	0
37	1352	15-OCT-92pad42_ac	0	0	0	0	0	0	0	0
37	1352	21-APR-94ac_rev	0	0	0	0	0	0	0	0
37	1352	06-FEB-96pad42_ac	16.9	0	1.6		17	26.6	0	0
37	1645	15-MAR-89pad_ac	0	0	0					
37	1645	12-OCT-92pad42_ac	0	0	0					
37	1645	19-APR-94ac_rev	0	0	0					
37	1645	29-JAN-96pad42_ac	0	0	0.4					
37	1645	05-FEB-98ac_rev	65.6	0	1.7					
37	1801	10-MAR-89pad_ac	0	0	0				0	0
37	1801	14-OCT-92pad42_ac	0	0	0				0	0
37	1801	26-JAN-96ac_rev	0	0	0				0	0
37	1801	31-JAN-96pad42_ac	0	0	0				0	0
37	1801	25-JUL-96ac_rev	9	0	0				0	0
37	1802	10-MAR-91pad_ac	0	0	0				0	0
37	1802	10-OCT-92pad42_ac	0	0	0				0	0
37	1802	15-APR-94ac_rev	0	0	0				1	10
37	1802	18-JUL-95ac_rev	0	0	0				1	11.1
37	1802	09-FEB-96pad42_ac	0	0	0				1	10.4
37	1802	02-APR-96ac_rev	0	0	0				1	9.5
37	1802	96-12-11 ac_rev	46.9	0	0	0	59	40.6	0	0
37	1802	97-10-10 ac_rev	2.9	0	7.9	0	42	50	0	0
37	1803	03-NOV-89pad_ac	0	0	0	40.017192	46	36.892992	0	0
37	1803	14-OCT-92pad42_ac	0	0	0		0	0	0	0
37	1803	31-JAN-96pad42_ac	4.1	0	0		63	0	0	0
37	1803	22-APR-96ac_rev	4.8	0	0		47	0	0	0
37	1814	13-MAR-89pad_ac	0	0	0	77.63256	19	42.632376	0	0
37	1814	09-MAR-91pad_ac	0	0	0	96.706944	24	60.124848	0	0
37	1814	14-OCT-92pad42_ac	0	0	0	95.5	32	73	0	0
37	1814	30-JAN-96ac_rev	0	0	4.6	141.1	48	88.8	0	0
37	1814	31-JAN-96pad42_ac	0	0	14.4	144.7	55	128.1	0	0
37	1817	15-OCT-89pad_ac	0	0	0		1	2.5146	0	0
37	1817	30-AUG-90ac_rev	0	0	0		6	1.8	0	0
37	1817	18-MAR-91pad_ac	0	0	0		0	0	0	0
37	1817	95-12-15 ac_rev	0	0	0	0	0	0	0	0
37	1817	96-02-06 pad42_ac	0	0	0	0	0	0	0	0
37	1992	15-OCT-92pad42_ac	0.2	0	0	0	0	0	0	0
37	1992	20-APR-94ac_rev	0	0	0	0	0	0	0	0
37	1992	06-FEB-96pad42_ac	0	0	0	0	0	0	0	0
37	2819	13-OCT-89pad_ac	0	0	0	0	10	29.163264	0	0
37	2819	19-MAR-91pad_ac	0	0	0	0	14	52.352448	0	0
37	2819	13-APR-92ac_rev	0	0	23.8	0	18	55.5	0	0
37	2819	13-JAN-93pad42_ac	0	0	0	0	8	8.4	0	0
37	2819	06-FEB-96pad42_ac	0	0	1.3		11	32.7	0	0
37	2819	13-AUG-97ac_rev	0	0	3.7		17	44.1	0	0
37	2824	89-10-13 pad_ac	0	0	0	0	0	0	0	0
37	2824	91-03-18 pad_ac	0	0	0	1.575816	0	0	0	0
37	2824	15-OCT-92pad42_ac	0	0	0		0	0	0	0
37	2824	06-FEB-96pad42_ac	0	0	0		2	2.4	0	0
37	2824	14-AUG-97ac_rev	0	0	0		0	0	0	0
37	2825	07-MAR-91pad_ac	0	0	0	0	13	30.995112	0	0
37	2825	15-OCT-92pad42_ac	0	0	0	6.4	32	69.4	0	0
37	2825	19-JUL-95ac_rev	0	0	82.5	24	58	120	0	0
37	2825	31-JAN-96pad42_ac	0	0	129.7	54.1	76	186.2	0	0
37	5826	95-12-14 ac_rev	0	0	0	0	0	0	0	0
37	5826	96-02-06 pad42_ac	0	0	0	0	0	0	0	0
38	2001	88-06-22 ac_rev	0	0	0	0	28	0	0	0
38	2001	89-06-26 pad_ac	0	0	0	274.35657	29	109.93221	0	0
38	2001	03-JUN-93pad42_ac	0	0	0		29	103.9		
38	2001	29-SEP-93ac_rev	0	0	0		33	101		
38	2001	23-AUG-94ac_rev	0	0	0		31	98.7		
38	2001	13-JUN-95pad42_ac	0	0	0		34	120.2		
39	0102	29-AUG-96ac_rev	0	0	0	0	0	0	0	0

39	0103	18-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
39	0105	97-12-19	ac_rev	0	0	0	0	0	0	0	0	0
39	0105	98-06-18	ac_rev	0	0	0	0	0	0	1	27.4	0
39	0106	19-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
39	0107	29-AUG-96	ac_rev	0	0	0	0	0	0	0	0	0
39	0108	19-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
39	0109	18-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
39	0110	18-DEC-97	ac_rev	0	0	0	0	0	0	0	0	0
39	0803	94-12-08	ac_rev	0	0	0	0	0	0	0	0	0
39	0803	96-08-21	pad42_ac	8.4	0	19.4	26.2	4	8.5	1	11.2	0
39	0804	94-12-08	ac_rev	0	0	0	0	0	0	0	0	0
39	0804	96-08-21	pad42_ac	0	0	0	27.8	0	0	1	4.4	0
39	3013	26-OCT-93	ac_rev	0	0	0	0	0	0	0	0	0
39	3013	31-JUL-94	pad42_ac	0	0	0	0	1	0.4	0	0	0
39	3013	18-MAR-96	pad42_ac	0	0	0	0	0	0	0	0	0
39	5010	30-AUG-89	pad_ac	0	0	0	0	137	514.7431860	0	0	0
39	5010	23-APR-91	pad_ac	0	0	0	0	0	0	0	0	0
39	5010	08-JUL-93	pad42_ac	0	0	0	0	0	0	0	0	0
39	5010	14-JUL-94	ac_rev	0	0	0	0	0	0	0	0	0
39	5010	19-JUN-95	pad42_ac	0	0	0	0	0	0	0	0	0
39	7021	28-NOV-88	ac_rev	0	0	0	0	0	0	0	0	0
39	7021	26-SEP-89	pad_ac	0	0	0	3.755136	0	0	0	0	0
39	7021	24-APR-91	pad_ac	0	0	0	0	0	0	0	0	0
39	7021	05-NOV-92	pad42_ac	0	0	0	0	0	1	0.3	0	0
39	7021	18-JUN-95	pad42_ac	0	0	0	0	0	4	8.7	0	0
40	0113	97-07-24	ac_rev	0	0	0	0	0	0	0	0	0
40	0113	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0114	97-07-24	ac_rev	0	0	0	0	0	0	0	0	0
40	0114	97-12-01	ac_rev	0	0	0	0	0	0	0	0	0
40	0115	97-07-25	ac_rev	0	0	0	0	0	0	1	0	0
40	0115	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0116	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0116	97-12-01	ac_rev	0	0	0	0	0	0	0	0	0
40	0117	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0117	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0118	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0118	97-12-01	ac_rev	0	0	0	0	0	0	0	0	0
40	0119	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0119	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0120	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0120	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0121	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0121	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0122	97-07-24	ac_rev	0	0	0	0	0	0	0	0	0
40	0122	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0123	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0123	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0124	97-07-25	ac_rev	0	0	0	0	0	0	0	0	0
40	0124	97-12-02	ac_rev	0	0	0	0	0	0	0	0	0
40	0501	22-JUL-97	ac_rev	0	0	0	16.2	10	26.1	0	0	0
40	0502	16-JUN-97	ac_rev	0	0	0	0	7	23	0	0	0
40	0502	22-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0503	16-JUN-97	ac_rev	0	0	0	0	5	18.5	0	0	0
40	0503	22-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0504	17-JUN-97	ac_rev	0	0	0.7	0	8	20.4	0	0	0
40	0504	23-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0505	17-JUN-97	ac_rev	0.3	0	0	11	7	20.2	0	0	0
40	0505	23-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0506	17-JUN-97	ac_rev	0	0	0	0	7	25.9	0	0	0
40	0506	23-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0507	17-JUN-97	ac_rev	0	0	0	26.3	10	24.4	0	0	0
40	0507	23-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0508	16-JUN-97	ac_rev	0	0	0	0	5	15.3	0	0	0
40	0508	22-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0509	17-JUN-97	ac_rev	0	0	0	0	8	26.9	0	0	0
40	0509	23-JUL-97	ac_rev	0	0	0	0	0	0	0	0	0
40	0603	05-NOV-92	ac_rev	0	0	0	0	0	0	0	0	0
40	0603	30-MAR-94	ac_rev	0	0	0	0	0	0	0	0	0
40	0603	02-NOV-94	ac_rev	0	0	0	0	0	0	0	0	0
40	0603	22-APR-96	pad42_ac	0	0	1.6	0	0	0	0	0	0
40	0603	22-MAY-97	ac_rev	0	0	36.3	0	0	0	0	0	0
40	0604	05-NOV-92	ac_rev	0	0	0	0	0	0	0	0	0
40	0604	30-MAR-94	ac_rev	0	0	0	0	0	0	0	0	0
40	0604	02-NOV-94	ac_rev	0	0	0	0	0	0	0	0	0
40	0604	22-APR-96	pad42_ac	0.2	0	3.6	1.6	0	0	0	0	0
40	0604	22-MAY-97	ac_rev	0	0	14	3.2	0	0	0	0	0
40	0606	05-NOV-92	ac_rev	0	0	0	0	0	0	0	0	0
40	0606	30-MAR-94	ac_rev	0	0	0	0	0	0	0	0	0
40	0606	02-NOV-94	ac_rev	0	0	0	0	3	10.6	0	0	0
40	0606	22-APR-96	pad42_ac	0	0	0	0	10	14.7	0	0	0
40	0606	22-MAY-97	ac_rev	1	0	0	0	7	25.9	0	0	0

40	0607	05-NOV-92ac_rev	0	0		0	0	0	0
40	0607	30-MAR-94ac_rev	0	0		1	0	0	0
40	0607	02-NOV-94ac_rev	0	0		4	0	0	0
40	0607	22-APR-96pad42_ac	0	0		23	0	0	0
40	0607	22-MAY-97ac_rev	15	0		34	0	0	0
40	0608	05-NOV-92ac_rev	0	0	0		0	0	0
40	0608	30-MAR-94ac_rev	0	0	0		0	0	0
40	0608	02-NOV-94ac_rev	0	0	0		0	0	0
40	0608	22-APR-96pad42_ac	0	0	2.8		0	0	0
40	0608	22-MAY-97ac_rev	0	0	306.1		0	0	0
40	1015	16-MAR-89pad_ac	0	0			0	0	0
40	1015	08-JAN-90pad_ac	0	0			0	0	0
40	1015	12-MAR-91pad_ac	0	0			0	0	0
40	1015	17-MAY-91ac_rev	0	0			0	0	0
40	1015	08-OCT-91ac_rev	0	0			0	0	0
40	1015	15-OCT-91pad_ac	0	0			0	0	0
40	1015	02-NOV-92ac_rev	0	0			0	0	0
40	1015	31-OCT-94ac_rev	0	0			0	0	0
40	1015	10-MAR-95pad42_ac	0	0			0	0	0
40	1017	27-APR-89pad_ac	0	0	0	121.71883		0	0
40	1017	30-OCT-90pad_ac	0	0	0	123.2093		0	0
40	1017	09-OCT-91ac_rev	0	0	25.9	317.6		0	0
40	1017	03-NOV-92ac_rev	0	0	38.8	306.1		0	0
40	4086	26-APR-89pad_ac	0	0	0	18.76044	39	65.824608	0
40	4086	14-OCT-91ac_rev	0	0	0			32.7	0
40	4086	05-NOV-92ac_rev	0	0	2.5			34.5	0
40	4086	03-NOV-94ac_rev	0	0	2.5			37.6	0
40	4086	08-FEB-95pad42_ac	0	0	29			38.8	0
40	4087	17-JAN-90pad_ac	0	0	0	0		0	0
40	4087	13-OCT-91pad_ac	0	0	0	0		0	0
40	4087	15-OCT-91ac_rev	0	0	0	0		0	0
40	4087	06-NOV-92ac_rev	0	0	0	0		0	0
40	4087	03-NOV-94ac_rev	0	0	0	0		0	0
40	4087	09-FEB-95pad42_ac	0	0	2.1	1	1.7	0	0
40	4087	14-AUG-95ac_rev	0	0	0	0		0	0
40	4087	18-JUN-97ac_rev	0	0	0.5	0		0	0
40	4154	17-JAN-90pad_ac	0	0	0	0	0	2	0.28985748
40	4154	14-OCT-91ac_rev	0	0	0	0		0	0
40	4154	05-NOV-92ac_rev	0	0	0	0		0	0
40	4154	03-NOV-94ac_rev	0	0	0	0		0	0
40	4154	08-FEB-95pad42_ac	0	0	18.8	9	18.9	0	0
40	4161	11-APR-89ac_rev	0	0	0	0		0	0
40	4161	08-JAN-90pad_ac	0	0	0	0.957072		0	0
40	4161	12-MAR-91pad_ac	0	0	0	0		0	0
40	4161	15-OCT-91ac_rev	0	0	0	0		0	0
40	4161	03-NOV-92ac_rev	0	0	0	0		0	0
40	4161	31-OCT-94ac_rev	5.2	0	3.5	0		0	0
40	4161	15-FEB-95pad42_ac	19.5	0	16.7	1.1		0	0
40	4161	14-MAR-97ac_rev	56.8	0	26.2	0		0	0
40	4163	23-JAN-90pad_ac	0	0	0	0	0	0	0
40	4163	17-MAR-91pad_ac	0	0	0	0	0	0	0
40	4163	14-OCT-91ac_rev	0	0	0	0	0	0	0
40	4163	05-NOV-92ac_rev	0	0	0	0	0	0	0
40	4163	02-NOV-94ac_rev	0	0	0	0.8	3	4.7	0
40	4163	22-APR-96pad42_ac	2.5	0	0	40.1	10	27.6	0
40	4164	23-JAN-90pad_ac	0	0	0		24	53.626512	0
40	4164	17-MAR-91pad_ac	0	0	0		40	86.54796	0
40	4164	14-OCT-91ac_rev	0	0	24.4		45	80.2	0
40	4164	05-NOV-92ac_rev	0	0	26		51	77	0
40	4164	94-11-02 ac_rev	0	0	0	0	24	65.3	0
40	4164	96-04-22 pad42_ac	0	0	1.9	122.2	29	83.4	0
40	4165	23-JAN-90pad_ac	0	0	0			0	0
40	4165	17-MAR-91pad_ac	0	0	0			0	0
40	4165	14-OCT-91ac_rev	0	0	1.2			0	0
40	4165	05-NOV-92ac_rev	0	0	1.5			0	0
40	4165	13-OCT-94ac_rev	0.3	0	2.7			0	0
40	4165	02-NOV-94ac_rev	0	0	5			0	0
40	4165	18-APR-95ac_rev	0.3	0	7.3			0	0
40	4165	20-JUN-95ac_rev	0.3	0	7.6			0	0
40	4165	22-APR-96pad42_ac	0	0	7.6			0	0
40	4165	08-NOV-96ac_rev	0	0	18.4			0	0
40	6010	15-MAR-89pad_ac	0	0		97.2312	50	99.15144	0
40	6010	19-MAR-91pad_ac	0	0		111.34953	53	122.1364080	0
40	6010	09-OCT-91ac_rev	0	0		241.7	44	100.5	0
40	6010	03-NOV-92ac_rev	0	0		211	44	111	0
40	6010	01-NOV-94ac_rev	0	0		241.6	51	132.8	0
40	6010	19-APR-96pad42_ac	0.3	0		236.9	76	154.3	0
40	7024	16-MAR-89pad_ac	0	0	0			0	0
40	7024	17-MAR-91pad_ac	0	0	0			0	0
40	7024	08-OCT-91ac_rev	0	0	0			0	0
40	7024	02-NOV-92ac_rev	0	0	0			0	0

40	7024	03-NOV-94ac_rev	0	0	12.1			0	0
40	7024	08-FEB-95pad42_ac	0.2	0	21.2			0	0
40	A320	17-JAN-90pad_ac	0	0	0	0	0	0	0
40	A320	13-OCT-91pad_ac	0	0	0	0	0	0	0
40	A320	15-OCT-91ac_rev	0	0	0	0	0	0	0
40	A320	06-NOV-92ac_rev	0	0	0	0	0	0	0
40	A320	03-NOV-94ac_rev	0	0	0	0	0	0	0
40	A320	14-AUG-95ac_rev	0	0	0.5	0	1	0.7	0
40	A320	18-JUN-97ac_rev	0	0	0.3	153.4	4	1.3	0
40	A330	17-JAN-90pad_ac	0	0	0	0	0	0	0
40	A330	13-OCT-91pad_ac	0	0	0	0	0	0	0
40	A330	15-OCT-91ac_rev	0	0	0	0	0	0	0
40	A330	06-NOV-92ac_rev	0	0	0	0	0	0	0
40	A330	03-NOV-94ac_rev	0	0	0	0	0	0	0
40	A330	14-AUG-95ac_rev	0	0	0.8	0	0	0	0
40	A330	18-JUN-97ac_rev	0	0	0.8	0	0	0	0
40	A340	17-JAN-90pad_ac	0	0	0	0	0	0	0
40	A340	13-OCT-91pad_ac	0	0	0	0	1	0.316992	0
40	A340	15-OCT-91ac_rev	0	0	0	0	0	0	0
40	A340	06-NOV-92ac_rev	0	0	0	0	0	0	0
40	A340	03-NOV-94ac_rev	0	0	0	0	0	0	0
40	A340	14-AUG-95ac_rev	0.4	0	0	0	0	0	0
40	A340	18-JUN-97ac_rev	0	0	0	1.9	1	1.8	0
40	A350	17-JAN-90pad_ac	0	0	0	0	0	0	0
40	A350	13-OCT-91pad_ac	0	0	0	0	0	0	0
40	A350	15-OCT-91ac_rev	0	0	0	0	0	0	0
40	A350	06-NOV-92ac_rev	0	0	0	0	0	0	0
40	A350	03-NOV-94ac_rev	0	0	0	0	0	0	0
40	A350	14-AUG-95ac_rev	0	0	0	0	0	0	0
40	A350	18-JUN-97ac_rev	0	0	6	0	0	0	0
40	B310	08-JAN-90pad_ac	18.121666	0	0	49.075848	12	15.730728	0
40	B310	17-MAY-91ac_rev	0	0	0	0	0	5.5	0
40	B310	08-OCT-91ac_rev	0	0	0	0	0	7	0
40	B310	15-OCT-91pad_ac	0	0	0	0	0	6.010656	0
40	B310	02-NOV-92ac_rev	0	0	0	0	0	13	0
40	B310	31-OCT-94ac_rev	0	0	0	0	0	18.6	0
40	B310	18-AUG-97ac_rev	3.7	0	0	0	0	29.9	0
40	B320	08-JAN-90pad_ac	0	0	0	14.413992	6	7.519416	0
40	B320	12-MAR-91pad_ac	0	0	0	0	0	0	0
40	B320	17-MAY-91ac_rev	0	0	0	0	0	0	0
40	B320	08-OCT-91ac_rev	0	0	0	0	0	0	0
40	B320	15-OCT-91pad_ac	0	0	0	2.215896	0	0	0
40	B320	02-NOV-92ac_rev	0	0	0	0	0	0	0
40	B320	31-OCT-94ac_rev	0	0	0	0.6	0	0	0
40	B320	18-AUG-97ac_rev	3.2	0	0	4.8	0	0	0
40	B330	08-JAN-90pad_ac	0	0	0	0	0	0	0
40	B330	12-MAR-91pad_ac	0	0	0	0	0	0	0
40	B330	17-MAY-91ac_rev	0	0	0	0	0	0	0
40	B330	08-OCT-91ac_rev	0	0	0	0	0	0	0
40	B330	15-OCT-91pad_ac	0	0	0	0	0	0	0
40	B330	02-NOV-92ac_rev	0	0	0	0	0	0	0
40	B330	31-OCT-94ac_rev	0	0	0	0	0	0	0
40	B330	18-AUG-97ac_rev	0	0	0	0	0	0	0
40	B350	08-JAN-90pad_ac	31.45882730	0	0	65.187576	20	21.089112	0
40	B350	17-MAY-91ac_rev	0	0	0	0	0	0	0
40	B350	08-OCT-91ac_rev	0	0	0	0	0	0	0
40	B350	15-OCT-91pad_ac	0	0	0	0	0	0	0
40	B350	02-NOV-92ac_rev	0	0	0	0	0	0	0
40	B350	31-OCT-94ac_rev	0	0	0	0	0	0	0
40	B350	18-AUG-97ac_rev	12.1	0	0	0	0	0	0
40	C310	09-JAN-90pad_ac	52.65744290	0	0	69.040248	41	71.247	4
40	C310	07-DEC-90pad_ac	0	0	0	0	0	0	0
40	C310	11-OCT-91ac_rev	0	0	0	0	0	15.8	0
40	C310	28-OCT-91pad_ac	0	0	0	0	0	12.780264	0
40	C310	04-NOV-92ac_rev	0	0	0	0	0	30.5	0
40	C310	02-NOV-94ac_rev	0	0	0	0	0	50.9	0
40	C310	21-JUN-95ac_rev	28.7	0	0	66.4	0	54.6	0
40	C320	09-JAN-90pad_ac	23.153295	0	0	23.201376	6	17.80032	1
40	C320	07-DEC-90pad_ac	0	0	0	12.624816	0	0	0
40	C320	11-OCT-91ac_rev	0	0	0	33.5	0	0	0
40	C320	28-OCT-91pad_ac	0	0	0	27.64536	0	0	0
40	C320	04-NOV-92ac_rev	0	0	0	43.8	0	0	0
40	C320	02-NOV-94ac_rev	0	0	0	44.3	3	3.4	0
40	C320	21-JUN-95ac_rev	0	0	0	63.3	5	69.2	0
40	C330	09-JAN-90pad_ac	0	0	0	0	0	43.973496	0
40	C330	07-DEC-90pad_ac	0	0	0	0	0	58.454544	0
40	C330	11-OCT-91ac_rev	0	0	0	0	0	41.5	0
40	C330	28-OCT-91pad_ac	0	0	0	0	0	45.229272	0
40	C330	04-NOV-92ac_rev	0	0	0	0	0	58.6	0
40	C330	02-NOV-94ac_rev	0	0	0	0	0	74.8	0
40	C330	21-JUN-95ac_rev	0	0	0	0	0	65.4	4
									11.6

40	C350	09-JAN-90pad_ac	2.5910657	0	0	20.464272	7	17.946624	0	0
40	C350	07-DEC-90pad_ac	0	0	0	0	4	15.099792	0	0
40	C350	11-OCT-91ac_rev	0	0	0	0	5	16.5	0	0
40	C350	28-OCT-91pad_ac	0	0	0	0	5	19.562064	0	0
40	C350	04-NOV-92ac_rev	0	0	0	0	7	22.5	0	0
40	C350	02-NOV-94ac_rev	0	2.2	0	0	7	23.2	1	0.3
40	C350	21-JUN-95ac_rev	0	0	3.7	23.3	9	27.1	2	0.5
42	0603	13-JUN-94ac_rev	0	0	0	0	0	0	0	0
42	0603	19-JUL-96pad42_ac	0	0	4.3	1.3	1	3.7	0	0
42	0603	26-AUG-97ac_rev	0	0	0	6.5	0	0	0	0
42	0604	13-JUN-94ac_rev	0	0	0	0	0	0	0	0
42	0604	19-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	0604	26-AUG-97ac_rev	0	0	0	0	1	0.3	0	0
42	0606	13-JUN-94ac_rev	0	0	0	0	0	0	0	0
42	0606	19-JUL-96pad42_ac	0	0	0	0	1	3.8	0	0
42	0606	26-AUG-97ac_rev	0	0	0	0	0	0	0	0
42	0607	13-JUN-94ac_rev	0	0	0.5	0	0	0	0	0
42	0607	19-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	0607	26-AUG-97ac_rev	0	0	0	0.8	0	0	0	0
42	0608	14-JUN-94ac_rev	0	0	0	0	0	0	0	0
42	0608	19-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	0608	26-AUG-97ac_rev	0	0	0	0	0	0	0	0
42	1597	25-AUG-89pad_ac	0	0	0	0	0	0	0	0
42	1597	16-JUL-90pad_ac	0	0	0	0	0	0	0	0
42	1597	07-AUG-91pad_ac	0	0	0	0	0	0	0	0
42	1597	18-MAY-92ac_rev	0	0	0	0	0	0	0	0
42	1597	01-MAR-93pad42_ac	0	0	0	0	0	0	0	0
42	1597	07-JUN-94ac_rev	0.5	0	0	0	0	0	0	0
42	1597	13-SEP-95ac_rev	0.2	0	0	0	0	0	0	0
42	1597	17-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	1597	02-SEP-97ac_rev	0	0	0	0	2	0	1	0
42	1599	29-AUG-89pad_ac	0	0	0	0	0	0	0	0
42	1599	27-SEP-90pad_ac	0	0	0	0	1	1.56972	0	0
42	1599	01-MAR-93pad42_ac	0	0	0	0	0	0	0	0
42	1599	01-SEP-94ac_rev	0	0	0	1	0	0	0	0
42	1599	21-JUN-95ac_rev	0	0	2.5	1	0	0	0	0
42	1599	19-JUL-96pad42_ac	0	0	1.2	11	3	4.5	0	0
42	1599	26-MAR-98ac_rev	0.8	0	0.6	27.3	0	0	0	0
42	1605	29-AUG-89pad_ac	0	0	0	0	0	0	0	0
42	1605	26-SEP-90pad_ac	0	0	0	0	0	0	0	0
42	1605	08-AUG-91pad_ac	0	0	0	0	0	0	0	0
42	1605	20-MAY-92ac_rev	0	0	0	0	0	0	0	0
42	1605	25-FEB-93pad42_ac	0	0	3.7	0	0	0	0	0
42	1605	22-NOV-93ac_rev	0	0	0	0	0	0	0	0
42	1605	26-APR-94ac_rev	0	0	0	0	0	0	0	0
42	1605	19-APR-95ac_rev	0	0	0.5	0	0	0	0	0
42	1605	25-OCT-95ac_rev	0	0	0	0	0	0	0	0
42	1608	06-JUL-89pad_ac	0	0	0	0	0	0	0	0
42	1608	28-SEP-92pad42_ac	0	0	4.1	0	0	0	0	0
42	1608	30-AUG-94ac_rev	0	0	0	0	0	0	0	0
42	1608	18-AUG-96pad42_ac	0	0	0	0	0	0	0	0
42	1610	17-MAY-90pad_ac	0	0	0	0	0	0	1	0.38276052
42	1610	23-FEB-93pad42_ac	0	0	0	0.8	0	0	0	0
42	1610	07-OCT-95pad42_ac	0	0	0	0	0	0	0	0
42	1610	09-JUL-97ac_rev	0	0	0	0	0	0	0	0
42	1613	93-02-24 pad42_ac	0	0	0	0	0	0	0	0
42	1613	95-11-04 pad42_ac	0	0	0	0	0	0	0	0
42	1614	26-SEP-90pad_ac	0	0	0	0	0	0	0	0
42	1614	02-MAR-93pad42_ac	0	0	0	1.8	2	4.5	0	0
42	1614	20-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	1614	10-JUL-97ac_rev	0	0	0	0	0	0	0	0
42	1617	24-FEB-93pad42_ac	0	0	0	0	0	0	0	0
42	1617	04-NOV-95pad42_ac	0	0	0	0	0	0	0	0
42	1617	12-NOV-97ac_rev	1.8	0	0	56.9	0	0	0	0
42	1618	89-06-23 ac_rev	0	0	39.4	0	0	0	0	0
42	1618	89-07-17 pad_ac	0	0	0	0	0	0	0	0
42	1618	92-09-29 pad42_ac	0	0	0	7.7	1	0.7	0	0
42	1618	96-08-18 pad42_ac	0	0	2	154.4	18	41.2	0	0
42	1691	92-11-09 pad42_ac	0	0	13	0	4	10	2	0
42	1691	95-06-19 pad42_ac	0	0	0	0	0	0	1	0
42	7025	07-FEB-90pad_ac	0	0	0	0	0	0	0	0
42	7025	25-SEP-90pad_ac	0	0	0	0	0	0	0	0
42	7025	28-SEP-92pad42_ac	0	0	0	0	0	0	0	0
42	7025	06-AUG-97ac_rev	0	0	0	284.5	0	0	0	0
42	7037	29-AUG-89pad_ac	0	0	0	0	0	0	0	0
42	7037	27-SEP-90pad_ac	0	0	0	0	0	0	0	0
42	7037	02-MAR-93pad42_ac	0	0	3.1	0	0	0	0	0
42	7037	19-JUL-96pad42_ac	0	0	0	0	0	0	0	0
42	A310	11-AUG-89ac_rev	0	0	0	0	1	0	1.2	0
42	A310	19-OCT-90ac_rev	0	0	0	0	0	0	0	0
42	A310	07-MAY-91ac_rev	0	0	0	0	0	0	0	0

42	A310	20-MAY-92ac_rev	0	0	0	0	0	0
42	A310	26-OCT-93ac_rev	0	0	0	0	0	0
42	A310	27-APR-94ac_rev	0	0	0	0	0	0
42	A310	19-APR-95ac_rev	0	0	10	0	0	0
42	A320	11-AUG-89ac_rev	0	0	0	0	0	0
42	A320	19-OCT-90ac_rev	0	0	0	0	0	0
42	A320	07-MAY-91ac_rev	0	0	0	0	0	0
42	A320	08-AUG-91pad_ac	0	0	0	0	0	0
42	A320	20-MAY-92ac_rev	0	0	0	0	0	0
42	A320	26-OCT-93ac_rev	0	0	0	0	0	0
42	A320	27-APR-94ac_rev	0	0	0	0	0	0
42	A320	18-APR-95ac_rev	0	0	0	0	0	0
42	A330	11-AUG-89ac_rev	0	0	105.8	0	0	0
42	A330	26-SEP-90pad_ac	0	0	108.5789	0	0	0
42	A330	19-OCT-90ac_rev	0	0	97.8	0	0	0
42	A330	07-MAY-91ac_rev	0	0	128.3	0	0	0
42	A330	08-AUG-91pad_ac	0	0	152.61031	0	0	0
42	A330	20-MAY-92ac_rev	0	0	125.3	0	0	0
42	A330	22-NOV-93ac_rev	0	0	115	2	1.5	0
42	A330	28-APR-94ac_rev	0	0	115.7	2	1.5	0
42	A330	19-APR-95ac_rev	0	0	130	0	0	0
42	A340	11-AUG-89ac_rev	0	0	0	0	0	0
42	A340	26-SEP-90pad_ac	0	0	0	0	0	0
42	A340	19-OCT-90ac_rev	0	0	0	0	0	0
42	A340	07-MAY-91ac_rev	0	0	0	0	0	0
42	A340	08-AUG-91pad_ac	0	0	0	0	0	0
42	A340	20-MAY-92ac_rev	0	0	0	0	0	0
42	A340	26-OCT-93ac_rev	0	0	6	6	16.1	0
42	A340	27-APR-94ac_rev	0	0	6	6	27.7	0
42	A340	18-APR-95ac_rev	0	0	5	5	20.7	0
42	A350	11-AUG-89ac_rev	0	0	0	0	0	0
42	A350	19-OCT-90ac_rev	0	0	0	0	0	0
42	A350	07-MAY-91ac_rev	0	0	0	0	0	0
42	A350	20-MAY-92ac_rev	0	0	0	0	0	0
42	A350	22-NOV-93ac_rev	0	0	0	0	0	0
42	A350	28-APR-94ac_rev	0	0	0	0	0	0
42	A350	19-APR-95ac_rev	0	0	1.5	0	0	0
42	B310	15-AUG-89ac_rev	0	0	0	0	0	0
42	B310	16-JUL-90pad_ac	0	0	0	0	0	0
42	B310	18-OCT-90ac_rev	0	0	0	0	0	0
42	B310	07-AUG-91pad_ac	0	0	0	0	0	0
42	B310	18-MAY-92ac_rev	0	0	0	0	0	0
42	B310	08-JUN-94ac_rev	0	0	0	0	0	0
42	B310	14-SEP-95ac_rev	0.3	0	0	0	0	0
42	B310	03-SEP-97ac_rev	1.6	0	0	0	0	0
42	B330	15-AUG-89ac_rev	0	0	0.6	66.1	0	0
42	B330	16-JUL-90pad_ac	0	0	60.664344	0	0	0
42	B330	18-OCT-90ac_rev	0	0	67.7	0	0	0
42	B330	07-AUG-91pad_ac	0	0	76.16952	0	0	0
42	B330	18-MAY-92ac_rev	0	0	74.1	0	0	0
42	B330	08-JUN-94ac_rev	0	2.2	75.8	1	0.1	0
42	B330	14-SEP-95ac_rev	0	4.9	153.7	3	0.4	0
42	B330	02-SEP-97ac_rev	0	2.7	162.3	3	30.1	0
42	B340	15-AUG-89ac_rev	0	0	15.8	0	0	0
42	B340	16-JUL-90pad_ac	0	0	16.172688	0	0	0
42	B340	18-MAY-92ac_rev	0	0	18.3	0	0	0
42	B340	08-JUN-94ac_rev	0	0	62.3	0	0	0
42	B340	13-SEP-95ac_rev	0	0	129.1	0	0	0
42	B340	03-SEP-97ac_rev	0	0	131.8	0	0	0
42	B350	15-AUG-89ac_rev	0	0	0	0	0	0
42	B350	16-JUL-90pad_ac	0	0	0	0	0	0
42	B350	18-OCT-90ac_rev	0	0	0	0	0	0
42	B350	07-AUG-91pad_ac	0	0	0	0	0	0
42	B350	18-MAY-92ac_rev	0	0	0	0	0	0
42	B350	08-JUN-94ac_rev	0	0	0.3	0	0	0
42	B350	14-SEP-95ac_rev	0	0	1.5	0	0	0
42	B350	04-SEP-97ac_rev	0	0	0	0	0	0
44	7401	04-AUG-89pad_ac	0	0	0	0	0	0
44	7401	06-SEP-90pad_ac	0	0	0	0	0	0
44	7401	30-SEP-92pad42_ac	0	0	4.6	0	0	0
44	7401	29-OCT-95pad42_ac	0	0	0	0	0	0
44	7401	21-OCT-96ac_rev	0	0	0	0	0	0
45	1008	09-JAN-90pad_ac	0	0	0	0	0	0
45	1008	07-MAR-91pad_ac	0	0	0	0	0	0
45	1008	19-MAR-92ac_rev	377.9	0	0	0	0	0
45	1011	11-APR-89pad_ac	0	0	0	0	0	0
45	1011	05-MAR-91pad_ac	0	0	0	0	0	0
45	1011	18-MAR-92ac_rev	0	0	0	0	0	0
45	1011	09-JUN-93ac_rev	0	0	0	0	0	0
45	1011	27-JAN-96pad42_ac	0	4.8	0	0	4	1.9
45	1011	26-JUN-97ac_rev	0	0	0	0	0	0

45	1024	09-JAN-90	pad_ac	0	0	0	3	1.87452	0	0
45	1024	05-MAR-91	pad_ac	0	0	0	0	0	0	0
45	1024	16-MAR-92	ac_rev	0	0	0	0	0	0	0
45	1024	16-JUL-92	ac_rev	0	0	0	0	0	0	0
45	1024	07-JUN-93	ac_rev	0	0	2	3	1.5	0	0
45	1024	27-JAN-96	pad42_ac	0	0	0	1	1.6	0	0
45	1024	23-JUN-97	ac_rev	2.3	0	0.7	1	0.4	0	0
45	1025	14-MAR-89	pad_ac	0	0	0	4.154424	0	1	0.09754819
45	1025	06-JUN-90	pad_ac	0	0	0	1.588008	0	0	0
45	1025	18-MAR-92	ac_rev	318.9	0	0	0	0	0	0
45	1025	09-JUN-93	ac_rev	364.3	0	0	0	0	0	0
45	1025	96-01-27	pad42_ac	0	0	0	0	0	0	0
45	1025	97-03-20	ac_rev	103.5	0	0	0	19	6.7	0
45	7019	10-MAR-89	pad_ac	0	0	0	0	0	0	0
45	7019	07-MAR-91	pad_ac	0	0	0	0	0	0	0
45	7019	19-MAR-92	ac_rev	0	0	0	0	0	0	0
45	7019	10-JUN-93	ac_rev	0	0	0	0	0	0	0
45	7019	23-JUN-97	ac_rev	0	0	0	0	0	0	0
46	0803	23-MAR-95	ac_rev	0	0	0	0	0	0	0
46	0803	27-JUN-95	ac_rev	0	0	0	0	0	0	0
46	0803	17-JUN-96	pad42_ac	0	0	0	2.5	11	41.3	0
46	0803	23-JUL-97	ac_rev	0	0	0	0	13	42.8	0
46	0804	12-AUG-94	ac_rev	0	0	0	0	0	0	0
46	0804	23-MAR-95	ac_rev	0	0	0	0	0	0	0
46	0804	27-JUN-95	ac_rev	0	0	0	0	0	0	0
46	0804	17-JUN-96	pad42_ac	0	0	0	0	7	0	0
46	0804	24-OCT-96	ac_rev	0	0	0	0	8	0	0
46	0804	24-JUN-97	ac_rev	0	0	0	0	8	0	0
46	0804	22-SEP-97	ac_rev	0	0	0	0	8	0	0
46	7049	88-07-14	ac_rev	0	0	0	0	20	0	0
46	7049	89-05-15	pad_ac	0	0	0	144.76476	71	97.557336	0
46	7049	17-NOV-90	pad_ac	0	0	0	0	0	0	0
46	7049	17-APR-93	pad42_ac	0	0	0	0	0	2	0.4
46	7049	18-OCT-93	ac_rev	0	0	0	0	0	2	0.6
46	7049	04-APR-96	pad42_ac	0	0	0	0	0	0	0
46	9106	02-MAY-89	ac_rev	0	0	0	0	23	0	0
46	9106	15-DEC-90	pad_ac	0	0	0	0	14	52.392072	0
46	9106	93-09-28	pad42_ac	0	0	0	143.2	20	73.8	0
46	9106	96-06-17	pad42_ac	0	0	0	152.2	21	77	0
46	9187	29-SEP-93	pad42_ac	0	0	0	0	0	0	0
46	9187	09-JUN-94	ac_rev	0	0	0	0	0	0	0
46	9187	11-AUG-94	ac_rev	0	0	0	0	0	0	0
46	9187	24-MAR-95	ac_rev	0	0	0	0	0	0	0
46	9187	26-JUN-95	ac_rev	0	0	0	0	0	0	0
46	9187	17-JUN-96	pad42_ac	0	0	0	0	0	0	0
46	9187	25-OCT-96	ac_rev	0	0	0	0	0	0	0
46	9187	23-JUN-97	ac_rev	0	0	0	0	0	0	0
46	9187	23-SEP-97	ac_rev	0	0	0	0	0	0	0
46	9197	89-05-01	ac_rev	372	186	0	0	0	0	0
46	9197	89-05-16	pad_ac	175.03861	0	0	184.611258335	0	427.40274	0
46	9197	10-DEC-90	pad_ac	0	0	0	141.89049	21	59.69508	0
46	9197	22-SEP-93	pad42_ac	0	0	0	145.2	47	135	0
46	9197	12-OCT-93	ac_rev	0	0	0	146.5	52	116.9	0
46	9197	18-JUN-96	pad42_ac	0	0	0	222.1	81	217.3	0
47	1023	27-OCT-89	pad_ac	0	0	0	0	0	0	0
47	1023	11-APR-90	pad_ac	0	0	0	0	0	0	0
47	1023	14-NOV-90	ac_rev	0	0	0	0	0	0	0
47	1023	13-AUG-91	ac_rev	0	0	0	0	0	0	0
47	1023	04-AUG-93	ac_rev	0	0	0	0	0	0	0
47	1023	02-JUN-94	ac_rev	0	0	0	0	0	0	0
47	1023	97-04-15	ac_rev	0	0	0	38.8	4	3.8	0
47	1023	97-07-29	ac_rev	0	0	0	29.5	3	2.3	0
47	1028	06-MAY-91	pad_ac	0	0	0	0	0	0	0
47	1028	03-AUG-91	ac_rev	0	0	0	0	0	0	0
47	1028	04-AUG-93	ac_rev	0	0	0	0	0	0	0
47	1028	30-NOV-95	pad42_ac	0	0	0	0	0	0	0
47	1028	30-JUL-97	ac_rev	22.9	0	0	0	0	0	0
47	1029	10-JAN-90	pad_ac	0	0	0	0	0	0	0
47	1029	03-MAR-91	pad_ac	0	0	0	0	0	0	0
47	1029	12-AUG-91	ac_rev	0	0	0	0	0	0	0
47	1029	03-AUG-93	ac_rev	0	0	0	0	0	0	0
47	1029	02-DEC-95	pad42_ac	0	608.3	0	0	0	0	0
47	2001	13-NOV-89	pad_ac	0	0	0	0	0	0	0
47	2001	28-FEB-91	pad_ac	0	0	0	0	0	0	0
47	2001	02-AUG-93	ac_rev	0	0	0	0	0	0	0
47	2001	04-DEC-95	pad42_ac	0	0	0	0	0	0	0
47	2001	23-JUL-97	ac_rev	0	0	0	0	0	0	0
47	2008	29-SEP-89	ac_rev	0	0	0	0	0	0	0
47	2008	11-JAN-90	pad_ac	0	0	0	0	0	0	0
47	2008	28-FEB-91	pad_ac	0	0	0	0	0	0	0
47	2008	15-AUG-91	ac_rev	0	0	0	0	0	0	0

47	2008	02-AUG-93ac_rev	0	0					
47	2008	04-DEC-95pad42_ac	0	1.6					
47	2008	23-JUL-97ac_rev	0	4					
47	3075	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	3075	29-JUN-90pad_ac	0	0	0	0	0	0	0
47	3075	14-AUG-91ac_rev	0	0	0	0	0	0	0
47	3075	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	3075	01-DEC-95pad42_ac	0	0	1	3.5	0	0	0
47	3075	24-MAR-97ac_rev	0	0	0	0	0	0	0
47	3075	25-JUL-97ac_rev	0	0	0	0	0	0	0
47	3101	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	3101	16-NOV-90ac_rev	0	0	0	0	0	0	0
47	3101	14-AUG-91ac_rev	0	0	0	0	0	0	0
47	3101	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	3101	20-APR-95ac_rev	0	0	0	0	0	0	0
47	3101	97-03-26 ac_rev	0	0	0	0	0	0	0
47	3101	97-07-26 ac_rev	0	0	0	0	0	0	0
47	3104	23-AUG-89ac_rev	0	0	0	0	0	0	0
47	3104	01-NOV-89pad_ac	0	0	0	0	0	0	0
47	3104	06-MAY-91pad_ac	0	0	0	4.23672	1	0	0
47	3104	13-AUG-91ac_rev	0	0	0	0	1	0	0
47	3104	04-AUG-93ac_rev	0	0	0	0	1	0	0
47	3104	30-NOV-95pad42_ac	0	0	0	37.1	1	0	0
47	3104	25-OCT-96ac_rev	0	0	0	65.3	1	0	0
47	3108	89-05-10 ac_rev	0	0	0	0	0	0	0
47	3108	90-01-11 pad_ac	0	0	0	0	0	0	0
47	3108	06-MAY-91pad_ac	0	0	0	0	0	0	0
47	3108	04-AUG-93ac_rev	0	0	0	0	0	0	0
47	3108	30-NOV-95pad42_ac	0	0	0	0	0	0	0
47	3108	29-JUL-97ac_rev	0	0	0	0	0	0	0
47	3109	11-MAY-89ac_rev	325.3	0	6.1	0	0	0	0
47	3109	11-JAN-90pad_ac	0	0	0	0	0	0	0
47	3109	07-MAY-91pad_ac	0	0	0	0	0	0	0
47	3109	12-AUG-91ac_rev	0	0	0	0	0	0	0
47	3109	03-AUG-93ac_rev	0	0	0	0	0	0	0
47	3109	01-DEC-95pad42_ac	0	0	0	31.9	6	18.4	0
47	3110	10-MAY-89ac_rev	371.7	0	0	0	0	0	0
47	3110	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	3110	06-MAY-91pad_ac	0	0	0	0	0	0	0
47	3110	12-AUG-91ac_rev	0	0	0	0	0	0	0
47	3110	03-AUG-93ac_rev	0	0	0	0	0	0	0
47	3110	01-DEC-95pad42_ac	0	0	0	0	0	0	0
47	3110	28-JUL-97ac_rev	0	0	7.3	0	0	0	0
47	6015	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	6015	06-MAY-91pad_ac	0	0	0	0	0	0	0
47	6015	12-AUG-91ac_rev	0	0	0	0	0	0	0
47	6015	03-AUG-93ac_rev	0	0	0	0	0	0	0
47	6015	01-DEC-95pad42_ac	0	0	0	4.9	0	0	0
47	6015	28-JUL-97ac_rev	1.2	0	2.6	0	0	0	0
47	6022	14-AUG-91ac_rev	0	557.4	0	0	0	0	0
47	9024	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	9024	06-MAY-91pad_ac	0	0	0	0	0	0	0
47	9024	14-AUG-91ac_rev	0	0	0	0	0	0	0
47	9024	05-AUG-93ac_rev	0	0	0	3.5	0	0	0
47	9024	95-04-18 ac_rev	0	0	0	0	3	0.9	0
47	9024	97-07-24 ac_rev	0	0	0	0	0	0	0
47	9025	04-NOV-89pad_ac	0	410.92222	0	1	0.932688	0	0
47	9025	14-AUG-91ac_rev	0	557.4	0	0	0	0	0
47	9025	05-AUG-93ac_rev	0	563.5	0	0	0	0	0
47	9025	21-APR-95ac_rev	2.5	529.4	0	0	0	0	0
47	9025	24-JUL-97ac_rev	0	0	0	0	0	0	0
47	A310	16-NOV-90ac_rev	0	0	0	0	0	0	0
47	A310	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	A310	19-APR-95ac_rev	111.6	30.2	1	4	4.3	0	0
47	A320	16-NOV-90ac_rev	0	0	0	0	0	0	0
47	A320	05-AUG-93ac_rev	0	373.2	0	0	0	0	0
47	A320	19-APR-95ac_rev	0	534	0	0	1	6	0
47	A330	16-NOV-90ac_rev	0	0	0	0	0	0	0
47	A330	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	A330	19-APR-95ac_rev	0	0	45	0	0	0	0
47	A350	16-NOV-90ac_rev	0	0	0	0	0	0	0
47	B310	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	B310	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	B310	24-MAR-97ac_rev	2.4	0	4.6	1	0.2	0	0
47	B310	25-JUL-97ac_rev	4.3	0	2.7	0	0	0	0
47	B320	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	B320	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	B320	24-MAR-97ac_rev	0	0	0.5	0	0	0	0
47	B320	25-JUL-97ac_rev	0	0	0	0	0	0	0
47	B330	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	B330	05-AUG-93ac_rev	0	0	0	0	0	0	0

47	B330	24-MAR-97ac_rev	0.1	0	3.5	0	0	0	0
47	B330	25-JUL-97ac_rev	0	0	0	0	0	0	0
47	B350	04-NOV-89pad_ac	0	0	0	0	0	0	0
47	B350	05-AUG-93ac_rev	0	0	0	0	0	0	0
47	B350	24-MAR-97ac_rev	0	0	0	0	0	0	0
47	B350	25-JUL-97ac_rev	0	0	0	0	0	0	0
47	C310	11-APR-90pad_ac	0	0	0	117.75032820	16.776192	0	0
47	C310	14-NOV-90ac_rev	0	0	0	0	0	0	0
47	C310	13-AUG-91ac_rev	0	0	0	0	0	0	0
47	C310	04-AUG-93ac_rev	0	0	0	0	0	0	0
47	C310	02-JUN-94ac_rev	0	0	0	0	0	0	0
47	C310	15-APR-97ac_rev	0	0	0	6.2	4	5	1
47	C320	11-APR-90pad_ac	0	0	0	73.935336	17	11.375136	0
47	C320	14-NOV-90ac_rev	0	0	0	0	0	0	0
47	C320	13-AUG-91ac_rev	0	0	0	0	0	0	0
47	C320	04-AUG-93ac_rev	0	0	0	8	8.5	0	0
47	C320	02-JUN-94ac_rev	113.4	0	0	18	14	0	0
47	C330	11-APR-90pad_ac	0	0	0	0	0	0	1.8292608
47	C330	14-NOV-90ac_rev	0	0	0	0	0	0	7.2
47	C330	13-AUG-91ac_rev	0	0	0	0	0	0	8.7
47	C330	04-AUG-93ac_rev	0	0	0	0	0	0	6.7
47	C330	02-JUN-94ac_rev	0	0	0	0	0	0	7.8
47	C350	11-APR-90pad_ac	5.9745945	0	0	124.25476	49	48.374808	4
47	C350	14-NOV-90ac_rev	0	0	0	0	0	0	0
47	C350	13-AUG-91ac_rev	0	0	0	0	0	0	0
47	C350	04-AUG-93ac_rev	0	0	0	0	0	2	1.2
47	C350	02-JUN-94ac_rev	0	0	0	0	3	5.1	4
48	0001	10-APR-89pad_ac	0	0	0	0	0	0	0
48	0001	11-OCT-90pad_ac	0	0	0	0	0	0	0
48	0001	17-MAY-91ac_rev	0	0	0	0	0	0	0
48	0001	06-APR-93ac_rev	0	0	0	0	0	0	0
48	0001	20-FEB-95pad42_ac	0	0	0	1	1	0	0
48	0001	24-MAR-95ac_rev	0	0	0	0	0	0	0
48	0001	08-MAY-97ac_rev	1.7	0	10.5	1	0.6	0	0
48	0113	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0113	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0114	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0114	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0115	97-08-25 ac_rev	0	0	0	0	0	0	0
48	0115	98-03-16 ac_rev	0	0	0	0	0	0	0
48	0116	97-08-25 ac_rev	0	0	0	0	0	0	0
48	0116	98-03-16 ac_rev	0	0	0	0	0	0	0
48	0117	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0117	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0118	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0118	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0119	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0119	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0120	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0120	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0121	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0121	98-03-17 ac_rev	0	0	0	0	0	0	0
48	0122	97-08-26 ac_rev	0	0	0	0	0	0	0
48	0122	98-03-16 ac_rev	0	0	0	0	0	0	0
48	0123	97-08-25 ac_rev	0	0	0	0	0	0	0
48	0123	98-03-16 ac_rev	0	0	0	0	0	0	0
48	0124	97-08-25 ac_rev	0	0	0	0	0	0	0
48	0124	98-03-16 ac_rev	0	0	0	0	0	0	0
48	0801	23-JUN-97ac_rev	0	0	0	0	0	0	0
48	0802	23-JUN-97ac_rev	0	0	0	0	0	0	0
48	1039	22-MAR-89pad_ac	128.5137	0	0	168.90796	23	16.571976	0
48	1039	26-OCT-90pad_ac	0	0	0	0	0	0	0
48	1039	15-JUL-91ac_rev	0	0	0	0	0	0	0
48	1039	09-AUG-93ac_rev	0	0	0	0	0	0	0
48	1039	16-FEB-95pad42_ac	0	0	0	0	0	37	21.1
48	1039	28-JUN-95ac_rev	0	0	0	0	0	79	17.7
48	1039	27-MAR-96ac_rev	0	0	0	0	0	84	19
48	1046	24-APR-89pad_ac	0	0	0	25	74.090784	0	0
48	1046	11-JUN-91ac_rev	0	0	0	33	83.8	0	0
48	1046	19-MAY-93ac_rev	0	0	0	40	94.4	0	0
48	1046	13-MAR-95pad42_ac	0	0	0	33	102.1	0	0
48	1046	10-AUG-95ac_rev	0	0	0	39	89.7	0	0
48	1046	14-MAY-97ac_rev	0	0	0	44	92.1	0	0
48	1047	24-APR-89pad_ac	0	0	0	22	55.354728	0	0
48	1047	11-JUN-91ac_rev	0	0	0	15	42.1	0	0
48	1047	19-MAY-93ac_rev	0	0	0	22	53.6	0	0
48	1047	13-MAR-95pad42_ac	0	0	0	20	68.1	0	0
48	1047	10-AUG-95ac_rev	0	0	0	22	54.2	0	0
48	1047	14-MAY-97ac_rev	2	0	0	21	50.9	1	0.4
48	1048	06-DEC-89pad_ac	0	0	0	25	43.63212	0	0
48	1048	24-JAN-91pad_ac	0	0	0	28	57.034176	0	0

48	1048	20-MAY-91ac_rev	0	0		30	56.4	0	0
48	1048	08-JUL-93ac_rev	0	0		34	61.1	0	0
48	1048	15-MAR-95pad42_ac	0.4	0		42	72.8	0	0
48	1048	05-JUN-95ac_rev	0.7	0		39	63.5	1	0.2
48	1048	06-JUN-96ac_rev	7	7.5		39	51.9	1	76
48	1049	04-MAR-90pad_ac	0	0				0	0
48	1049	07-MAR-91pad_ac	0	0				0	0
48	1049	13-MAY-91ac_rev	0	0				0	0
48	1049	11-MAY-93ac_rev	0	0				0	0
48	1049	01-MAR-95pad42_ac	0	0				0	0
48	1049	10-MAY-95ac_rev	0	0				0	0
48	1049	28-MAR-96ac_rev	13.7	0				0	0
48	1050	04-JAN-90pad_ac		0				0	0
48	1050	21-SEP-90pad_ac		0				0	0
48	1050	15-NOV-90ac_rev		0				0	0
48	1050	22-FEB-91pad_ac		0				0	0
48	1050	28-MAY-91ac_rev		0				0	0
48	1050	10-MAR-92pad_ac		0				0	0
48	1050	13-JUL-93ac_rev		0				0	0
48	1050	16-FEB-95pad42_ac		0				0	0
48	1050	24-JUL-95ac_rev		0				0	0
48	1056	11-JAN-90pad_ac		0		33	60.539376	0	0
48	1056	12-JUN-91ac_rev		0		27	71.7	0	0
48	1056	18-MAY-93ac_rev		0		38	93.2	0	0
48	1056	13-MAR-95pad42_ac		0		42	153.6	0	0
48	1056	09-AUG-95ac_rev		0		42	96.3	0	0
48	1056	13-MAY-97ac_rev		0		56	123.1	0	0
48	1060	18-JUN-90pad_ac	0	0				0	0
48	1060	14-FEB-91pad_ac	0	0				0	0
48	1060	10-APR-91ac_rev	0	0				0	0
48	1060	26-MAR-92ac_rev	0	0				0	0
48	1060	31-MAR-93ac_rev	0	0				0	0
48	1060	11-OCT-94ac_rev	0	0				0	0
48	1060	23-FEB-95pad42_ac	0	0				0	0
48	1060	15-MAR-95ac_rev	0	0				0	0
48	1060	20-MAR-95ac_rev	0	0				0	0
48	1060	14-JUN-95ac_rev	0	0				0	0
48	1060	22-APR-97ac_rev	0	0				0	0
48	1060	10-JUL-97ac_rev	1.1	0				0	0
48	1065	24-JAN-90pad_ac	0	0	0	54.141624	20	57.963816	0
48	1065	10-JUN-91ac_rev	0	0	4.6	171.9	18	56.1	0
48	1065	15-APR-93ac_rev	1.5	0	38.8	172.5	21	63.7	0
48	1065	14-MAR-95pad42_ac	0.3	0	51.8	140.1	32	96.1	0
48	1065	08-AUG-95ac_rev	1.5	0	66.5	171.4	27	72.3	0
48	1065	12-MAY-97ac_rev	0	0	88.4	171.5	40	84.6	0
48	1068	23-MAR-89pad_ac		0				0	0
48	1068	10-MAR-91pad_ac		0				0	0
48	1068	26-JUN-91ac_rev		0				0	0
48	1068	13-AUG-93ac_rev		0				0	0
48	1068	27-JAN-95ac_rev		0				0	0
48	1068	09-MAR-95pad42_ac		0				0	0
48	1068	13-APR-95ac_rev		0				0	0
48	1068	08-JUN-95ac_rev		0				0	0
48	1068	21-JUL-95ac_rev		0				0	0
48	1068	03-JUL-97ac_rev		0				0	0
48	1068	17-JUL-97ac_rev		0				0	0
48	1069	30-JAN-90pad_ac	0					0	0
48	1069	17-SEP-90pad_ac	0					0	0
48	1069	20-DEC-90ac_rev	0					0	0
48	1069	08-MAR-91pad_ac	0					0	0
48	1069	17-JUL-91ac_rev	0					0	0
48	1069	28-JAN-92pad_ac	0					0	0
48	1069	10-AUG-93ac_rev	0					0	0
48	1069	09-MAR-95pad42_ac	0.3					0	0
48	1069	29-JUN-95ac_rev	0					0	0
48	1070	23-MAR-89pad_ac						0	0
48	1070	17-JUL-91ac_rev						0	0
48	1070	10-AUG-93ac_rev						7	1
48	1070	09-MAR-95pad42_ac						1	0.3
48	1070	29-JUN-95ac_rev						1	0.3
48	1076	06-DEC-89pad_ac		0		4			47.469737
48	1076	23-JAN-91pad_ac		0		30			43.744325
48	1076	06-NOV-91ac_rev		0		23			0
48	1076	06-JUL-93ac_rev		0		49			34.9
48	1076	14-MAR-95pad42_ac		0		62			43.5
48	1076	27-JUL-95ac_rev		0		49			35.1
48	1076	09-JUN-97ac_rev		0		69			43.2
48	1077	25-APR-89pad_ac		0		2		0	0
48	1077	07-NOV-91ac_rev		0		5		0	0
48	1077	20-MAY-93ac_rev		0		9		0	0
48	1077	24-OCT-94ac_rev		0		12		0	0

48	1077	10-MAR-95pad42_ac	0			21		0	0
48	1077	20-APR-95ac_rev	0			24		0	0
48	1077	22-JUN-95ac_rev	0			24		0	0
48	1077	11-AUG-95ac_rev	0			24		0	0
48	1077	25-JUN-96ac_rev	0			26		0	0
48	1077	15-MAY-97ac_rev	0			34		0	0
48	1077	02-JUL-97ac_rev	0			43		0	0
48	1087	27-MAR-89pad_ac	0			0		0	0
48	1087	10-MAR-91pad_ac	0			0		0	0
48	1087	24-JUN-91ac_rev	0			0		0	0
48	1087	12-AUG-93ac_rev	0			0		0	0
48	1087	20-JUL-95ac_rev	0			0		0	0
48	1087	05-MAR-97pad42_ac	0			0		0	0
48	1087	16-JUL-97ac_rev	0			0		0	0
48	1092	14-APR-89pad_ac	0			0		0	0
48	1092	14-OCT-90pad_ac	0			0		0	0
48	1092	26-MAR-91ac_rev	0			0		0	0
48	1092	19-AUG-91ac_rev	0			0		0	0
48	1092	02-APR-93ac_rev	0			0		0	0
48	1092	20-FEB-95pad42_ac	0			0		0	0
48	1092	23-MAR-95ac_rev	0			0		0	0
48	1092	01-JUL-97ac_rev	0			0		0	0
48	1093	05-AUG-88ac_rev	0	0	0	0	0	0	0
48	1093	14-APR-89pad_ac	0			0		0	0
48	1093	17-OCT-90pad_ac	0			0		0	0
48	1093	26-MAR-91ac_rev	0			0		0	0
48	1093	01-APR-93ac_rev	0			2		0	0
48	1093	21-FEB-95pad42_ac	0			3		0	0
48	1093	23-MAR-95ac_rev	0			3		0	0
48	1093	03-JUL-97ac_rev	0			38		1	5.1
48	1094	14-AUG-89ac_rev	0		54	0		0	0
48	1094	14-OCT-90pad_ac	0		101.97998	0		0	0
48	1094	05-FEB-91pad_ac	0		107.60964	0		0	0
48	1094	27-MAR-91ac_rev	0		73.5	0		0	0
48	1094	24-SEP-91ac_rev	0		74.4	0		0	0
48	1094	12-MAR-92pad_ac	0		119.44502	0		0	0
48	1094	05-APR-93ac_rev	0		68.2	0		0	0
48	1094	20-FEB-95pad42_ac	0		101.3	0		0	0
48	1094	19-SEP-95ac_rev	0		152.5	0		0	0
48	1094	02-JUL-97ac_rev	0.4		90.5	0		0	0
48	1096	14-OCT-90pad_ac	0		0	0		0	0
48	1096	26-MAR-91ac_rev	0		0	0		0	0
48	1096	02-APR-93ac_rev	0		0	0		0	0
48	1096	20-FEB-95pad42_ac	0		0	0		0	0
48	1096	23-MAR-95ac_rev	0		0	0		0	0
48	1096	01-JUL-97ac_rev	0		0	0		0	0
48	1109	04-JAN-90pad_ac	0		0	0		0	0
48	1109	21-SEP-90pad_ac	0		0	0		0	0
48	1109	29-MAY-91ac_rev	0		0	0		0	0
48	1109	14-JUL-93ac_rev	0		0	0		0	0
48	1109	16-FEB-95pad42_ac	0		0	0		0	0
48	1109	12-MAY-95ac_rev	0		0	0		0	0
48	1109	05-AUG-96ac_rev	0		0	0		0	0
48	1109	24-JUN-97ac_rev	0		0	0		0	0
48	1111	06-DEC-90pad_ac	0	0	0	11		0	0
48	1111	23-JAN-91pad_ac	0	0	0	13		0	0
48	1111	06-NOV-91ac_rev	0	0	4	13		0	0
48	1111	07-JUL-93ac_rev	0	0	1	4.2		0	0
48	1111	14-MAR-95pad42_ac	0	0	0.2	7.4		0	0
48	1111	28-JUL-95ac_rev	0	0	2.5	30.3		21	0
48	1111	09-JUN-97ac_rev	0	0	5	112.2		23	0
48	1113	04-MAR-90pad_ac	0	0	0	1.58496	0	0	0
48	1113	07-MAR-91pad_ac	0	0	0	5.74548	0	0	0
48	1113	03-JUN-92ac_rev	6.6	0	0	189.6	0	0	0
48	1113	11-AUG-93ac_rev	0	0	0	0	0	0	0
48	1113	01-MAR-95pad42_ac	0	0	0	0	0	0	0
48	1113	19-JUL-95ac_rev	0	0	0	0	0	0	0
48	1116	04-MAR-90pad_ac	14.409261	0	0	87.252048	6	10.786872	0
48	1116	91-03-07 pad_ac	4.0431403	0	0	0.947928	7	6.632448	0
48	1116	91-06-25 ac_rev	83.2	0	0	0	0	0	0
48	1116	11-AUG-93ac_rev	0	0	0	0	0	0	0
48	1116	01-MAR-95pad42_ac	0	0	0	0	0	0	0
48	1116	19-JUL-95ac_rev	0	0	0	0	0	0	0
48	1119	25-JUL-89ac_rev	29.9	0	4.9	0	0	0	0
48	1119	04-MAR-90pad_ac	0	0	0	0	0	0	0
48	1119	07-MAR-91pad_ac	0	0	0	0	0	0	0
48	1119	25-JUN-91ac_rev	0	0	0	0	0	0	0
48	1119	11-AUG-93ac_rev	0	0	0	0	0	0	0
48	1119	03-MAR-95pad42_ac	0	0	0	3.8		0	0
48	1119	19-JUL-95ac_rev	0	0	3.4	0		0	0
48	1122	14-OCT-90pad_ac	0	0				0	0

48	1122	16-OCT-90ac_rev	0	0				0	0
48	1122	25-MAR-91ac_rev	0	0				0	0
48	1122	28-AUG-91ac_rev	0	0				0	0
48	1122	02-OCT-91pad_ac	0	0				0	0
48	1122	02-APR-93ac_rev	0	0				0	0
48	1122	10-OCT-94ac_rev	0	0				0	0
48	1122	20-FEB-95pad42_ac	0.9	0				0	0
48	1122	24-MAR-95ac_rev	0	0				0	0
48	1122	03-APR-95ac_rev	0	0				0	0
48	1122	13-JUN-95ac_rev	0	0				0	0
48	1122	03-JUL-97ac_rev	0	0				0	0
48	1122	15-JUL-97ac_rev	0	0				0	0
48	1123	17-APR-89pad_ac	0	0		0	0	0	0
48	1123	18-OCT-90pad_ac	0	0		0	0	0	0
48	1123	28-MAR-91ac_rev	0	0		0	0	0	0
48	1123	19-MAR-92ac_rev	0	0		6	3	0	0
48	1123	06-APR-93ac_rev	0	0		4	3.5	0	0
48	1130	11-APR-89pad_ac	0	0	0	0		0	0
48	1130	12-OCT-90pad_ac	0	0	0	0		0	0
48	1130	25-MAR-91ac_rev	49.6	0	4.6	5.8		0	0
48	1130	19-MAR-92ac_rev	79.5	0	10.7	5.8		6	2.8
48	1130	01-APR-93ac_rev	0	0	0	0	0	0	0
48	1130	20-FEB-95pad42_ac	0	0	0	0	1	2	0
48	1130	23-MAR-95ac_rev	0	0	0	0	0	0	0
48	1130	03-JUL-97ac_rev	0	0	0	0	0	0	0
48	1168	27-MAR-89pad_ac	0	0				0	0
48	1168	10-MAR-91pad_ac	0	0				0	0
48	1168	24-JUN-91ac_rev	3.2	0				0	0
48	1168	12-AUG-93ac_rev	28.2	0				0	0
48	1168	03-MAR-95pad42_ac	32	0				0	0
48	1168	20-JUL-95ac_rev	36.9	0				0	0
48	1169	26-FEB-90pad_ac	0	0	0			0	0
48	1169	04-MAR-90pad_ac	0	0	0			0	0
48	1169	18-SEP-90pad_ac	0	0	0			0	0
48	1169	16-JAN-91ac_rev	0	0	0			0	0
48	1169	07-MAR-91pad_ac	0	0	0			0	0
48	1169	25-JUN-91ac_rev	0	0	0			0	0
48	1169	30-JAN-92pad_ac	0	0	0			0	0
48	1169	11-AUG-93ac_rev	0	0	0			0	0
48	1169	03-MAR-95pad42_ac	0	0	2			0	0
48	1169	19-JUL-95ac_rev	0	0	0			0	0
48	1169	15-JUL-97ac_rev	0	0	0			0	0
48	1174	17-OCT-90pad_ac	0	0				0	0
48	1174	14-FEB-91pad_ac	0	0				0	0
48	1174	10-APR-91ac_rev	0	0				0	0
48	1174	26-MAR-92ac_rev	0	0				0	0
48	1174	31-MAR-93ac_rev	0	0				0	0
48	1174	21-FEB-95pad42_ac	0	0				0	0
48	1174	21-MAR-95ac_rev	0	0				0	0
48	1174	12-JAN-96ac_rev	0	0				0	0
48	1174	22-APR-97ac_rev	0	0				0	0
48	1178	10-APR-89pad_ac	0	0				0	0
48	1178	22-FEB-91pad_ac	0	0				0	0
48	1178	28-MAY-91ac_rev	0	0				0	0
48	1178	13-JUL-93ac_rev	0	0				0	0
48	1178	17-FEB-95pad42_ac	0.8	0				0	0
48	1178	17-MAR-95ac_rev	0.8	0				0	0
48	1178	11-MAY-95ac_rev	0	0				0	0
48	1181	14-APR-89pad_ac	0	0	0			0	0
48	1181	17-OCT-90pad_ac	0	0	141.32661			1	0.48774096
48	1181	11-APR-91ac_rev	0	0	57.9			1	0.2
48	1181	01-APR-93ac_rev	0	0	102.6			3	0.5
48	1181	21-FEB-95pad42_ac	0	0	126.1			0	0
48	1181	20-MAR-95ac_rev	0	0	102.5			3	0.5
48	1181	22-APR-97ac_rev	0	0	154.1			0	0
48	1183	06-DEC-89pad_ac	0	0	0			0	0
48	1183	15-SEP-90pad_ac	0	0	0			0	0
48	1183	25-SEP-90ac_rev	0	0	0			0	0
48	1183	23-JAN-91pad_ac	0	0	0			1	0
48	1183	07-MAR-91ac_rev	0	0	0			2	0
48	1183	02-OCT-91pad_ac	0	0	0			4	0
48	1183	06-NOV-91ac_rev	0	0	3.4			5	0
48	1183	06-JUL-93ac_rev	0	0	1			6	0
48	1183	11-APR-94ac_rev	0	0	1			6	0
48	2108	08-MAR-90pad_ac	0	0				0	0
48	2108	26-FEB-91pad_ac	0	0				0	0
48	2108	07-JUL-91ac_rev	0	0				0	0
48	2108	27-APR-93ac_rev	0	0				0	0
48	2108	17-AUG-94ac_rev	0	0				1	2.6
48	2108	25-FEB-95pad42_ac	0	0				1	5.4
48	2108	06-JUN-95ac_rev	0	0				1	2.6

48	2133	10-APR-89	pad_ac	0			0	0	0	0
48	2133	22-OCT-90	pad_ac	0			0	0	0	0
48	2133	15-JUL-91	ac_rev	0			0	0	0	0
48	2133	14-MAY-93	ac_rev	0			0	0	0	0
48	2133	17-FEB-95	pad42_ac	0			1	0.7	0	0
48	2133	24-APR-95	ac_rev	0			0	0	0	0
48	2133	08-MAY-97	ac_rev	0			0	0	0	0
48	2172	06-DEC-89	pad_ac	0			0	0	0	0
48	2172	15-SEP-90	pad_ac	0			0	0	0	0
48	2172	13-DEC-90	ac_rev	0			0	0	0	0
48	2172	24-JAN-91	pad_ac	0			0	0	0	0
48	2172	31-MAY-91	ac_rev	0			0	0	0	0
48	2172	02-OCT-91	pad_ac	0			0	0	0	0
48	2172	08-JUL-93	ac_rev	0			0	0	0	0
48	2172	15-APR-94	ac_rev	0			0	0	0	0
48	2172	15-MAR-95	pad42_ac	1.3			0	0	0	0
48	2172	28-JUL-95	ac_rev	0			0	0	0	0
48	2176	11-JAN-90	pad_ac						0	0
48	2176	05-NOV-91	ac_rev						0	0
48	2176	07-JUL-93	ac_rev						0	0
48	2176	14-MAR-95	pad42_ac						0	0
48	2176	27-JUL-95	ac_rev						0	0
48	2176	10-JUN-97	ac_rev						0	0
48	3559	04-MAR-90	pad_ac	0	0	0	0	0	0	0
48	3559	21-SEP-90	pad_ac	0	0	0	0	0	0	0
48	3559	15-NOV-90	ac_rev	0	0	0	0	0	0	0
48	3559	22-FEB-91	pad_ac	0	0	0	0	0	0	0
48	3559	29-MAY-91	ac_rev	0	0	0	0	0	0	0
48	3559	28-JAN-92	pad_ac	0	0	0	0	0	0	0
48	3559	14-JUL-93	ac_rev	0	0	0	0	0	0	0
48	3559	16-FEB-95	pad42_ac	0	0	1.7	1	1.6	0	0
48	3559	12-MAY-95	ac_rev	0	0	0	0	0	0	0
48	3559	24-JUN-97	ac_rev	0	0	0	0	0	0	0
48	3579	30-JAN-90	pad_ac	0	0				23.161752	
48	3579	17-SEP-90	pad_ac	0	0				18.431256	
48	3579	10-MAR-91	pad_ac	0	0				26.572464	
48	3579	24-JUN-91	ac_rev	0	0				28.4	
48	3579	23-JAN-92	pad_ac	0	0				27.755088	
48	3579	21-DEC-92	ac_rev	0	0				35	
48	3579	12-AUG-93	ac_rev	0	0				30.3	
48	3579	07-SEP-94	ac_rev	0	0				37	
48	3579	03-MAR-95	pad42_ac	1.5	0				49.9	
48	3579	20-JUL-95	ac_rev	0.2	0				37.7	
48	3609	16-APR-89	pad_ac		0	2.7432			0	0
48	3609	23-JAN-91	pad_ac		0	4.059936			0	0
48	3609	07-NOV-91	ac_rev		8.2	7.6			0	0
48	3629	11-APR-89	pad_ac	0	0	1.6002			0	0
48	3629	07-JUN-90	ac_rev	0	0	0			1	
48	3629	12-OCT-90	pad_ac	0	0	0			1	
48	3629	15-MAY-91	ac_rev	0	0	0			1	
48	3629	26-APR-93	ac_rev	0	0	0			1	
48	3629	23-FEB-95	pad42_ac	0	0	1.9			1	
48	3629	10-JUL-95	ac_rev	0	0	0			1	
48	3669	04-MAR-90	pad_ac	0	0		29	62.215776	0	0
48	3669	28-FEB-91	pad_ac	0	0		29	61.92012	0	0
48	3669	13-MAY-91	ac_rev	0	0		43	77.1	0	0
48	3669	11-MAY-93	ac_rev	0	0		48	77.4	0	0
48	3669	01-MAR-95	pad42_ac	0	0		50	102	0	0
48	3669	10-MAY-95	ac_rev	0	0		55	82.9	0	0
48	3669	18-JUL-97	ac_rev	3.7	0		61	96.6	1	1.8
48	3679	04-MAR-90	pad_ac	0					0	
48	3679	13-MAY-91	ac_rev	0					0	
48	3679	11-MAY-93	ac_rev	0					0	
48	3679	01-MAR-95	pad42_ac	0					2	
48	3679	10-MAY-95	ac_rev	0					6	
48	3679	18-JUL-97	ac_rev	77.5					8	
48	3689	04-MAR-90	pad_ac	0					0	
48	3689	27-FEB-91	pad_ac	0					0	
48	3689	13-MAY-91	ac_rev	0					0	
48	3689	11-MAY-93	ac_rev	0					0	
48	3689	01-MAR-95	pad42_ac	0					11	
48	3689	10-MAY-95	ac_rev	0					10	
48	3689	17-JUL-97	ac_rev	0					16	
48	3729	22-JUN-90	pad_ac		0				0	0
48	3729	14-FEB-91	pad_ac		0				0	0
48	3729	09-APR-91	ac_rev		0				0	0
48	3729	18-MAR-92	ac_rev		0				0	0
48	3729	30-MAR-93	ac_rev		0				0	0
48	3729	21-FEB-95	pad42_ac		0				0	0
48	3729	21-MAR-95	ac_rev		0				0	0
48	3729	21-APR-97	ac_rev		0				0	0

48	3739	22-JUN-90	pad_ac	0		1.258824	1		0.313944	0	0
48	3739	14-FEB-91	pad_ac	0		0	2		4.696968	0	0
48	3739	09-APR-91	ac_rev	0		0	0		0	0	0
48	3739	30-AUG-91	ac_rev	0		0	0		0	0	0
48	3739	17-MAR-92	pad_ac	0		0	0		0	0	0
48	3739	18-MAR-92	ac_rev	0		0	0		0	0	0
48	3739	30-MAR-93	ac_rev	0		0	0		0	0	0
48	3739	23-FEB-95	pad42_ac	0	0.8		4.9		0	0	0
48	3739	16-MAR-95	ac_rev	0	0		0		0	0	0
48	3739	21-MAR-95	ac_rev	0	0		0		0	0	0
48	3739	05-APR-95	ac_rev	0	0		0		0	0	0
48	3739	15-JUN-95	ac_rev	0	0		0		0	0	0
48	3739	21-APR-97	ac_rev	0	0		0		0	0	0
48	3739	26-JUL-97	ac_rev	0	0		0		0	0	0
48	3749	15-OCT-90	ac_rev	0					0	0	0
48	3749	17-OCT-90	pad_ac	0					0	0	0
48	3749	14-FEB-91	pad_ac	0					0	0	0
48	3749	09-APR-91	ac_rev	0					0	0	0
48	3749	29-AUG-91	ac_rev	0					0	0	0
48	3749	16-MAR-92	pad_ac	0					0	0	0
48	3749	16-FEB-93	ac_rev	0					0	0	0
48	3749	29-MAR-93	ac_rev	0					0	0	0
48	3749	21-FEB-95	pad42_ac	0					0	0	0
48	3749	22-MAR-95	ac_rev	0					0	0	0
48	3769	11-SEP-90	pad_ac	0					0	0	0
48	3769	13-DEC-90	ac_rev	0					0	0	0
48	3769	18-JAN-91	pad_ac	0					0	0	0
48	3769	13-JUN-91	ac_rev	0					0	0	0
48	3769	26-SEP-91	pad_ac	0					0	0	0
48	3769	09-JUL-93	ac_rev	0					0	0	0
48	3769	20-MAR-95	pad42_ac	0					0	0	0
48	3769	07-NOV-95	ac_rev	0					0	0	0
48	3769	12-JUN-97	ac_rev	0					0	0	0
48	3835	09-DEC-91	ac_rev	0	0		0		0	0	0
48	3835	13-JUL-93	ac_rev	0	0	28.1	48.6		0	0	0
48	3835	17-FEB-95	pad42_ac	1.4	0	40.4	67.7		0	0	0
48	3835	11-MAY-95	ac_rev	0	0	67.8	40.6		0	0	0
48	3835	23-JUN-97	ac_rev	1	0	71.2	56.7		0	0	0
48	3855	18-JUN-90	pad_ac	0					0	0	0
48	3855	22-FEB-91	pad_ac	0					0	0	0
48	3855	15-MAY-91	ac_rev	0					0	0	0
48	3855	26-APR-93	ac_rev	0					0	0	0
48	3855	23-FEB-95	pad42_ac	0					0	0	0
48	3855	10-JUL-95	ac_rev	0					0	0	0
48	3855	03-JUN-97	ac_rev	0					0	0	0
48	3865	17-SEP-90	pad_ac	0	0		0		0	0	0
48	3865	24-SEP-90	ac_rev	0	0		0		0	0	0
48	3865	27-OCT-90	pad_ac	0	0		0		0	0	0
48	3865	25-JAN-91	pad_ac	0	0		0		0	0	0
48	3865	30-MAY-91	ac_rev	0	0		0		0	0	0
48	3865	11-MAR-92	pad_ac	0	0		0		0	0	0
48	3865	14-MAY-93	ac_rev	0	0		0		0	0	0
48	3865	17-FEB-95	pad42_ac	1.2	0		1.5		0	0	0
48	3865	26-JUL-95	ac_rev	1.2	0		0		0	0	0
48	3865	27-JUN-97	ac_rev	3.6	0		0		0	0	0
48	3875	12-JUN-91	ac_rev	0	0	0	0	0	0	0	0
48	3875	10-JUN-92	ac_rev	0					0	0	0
48	3875	18-MAY-93	ac_rev	0					0	0	0
48	3875	13-MAR-95	pad42_ac	0					0	0	0
48	3875	09-AUG-95	ac_rev	0					0	0	0
48	3875	13-MAY-97	ac_rev	0					0	0	0
48	6079	24-JAN-90	pad_ac	0	0		28		73.88352		
48	6079	10-JUN-91	ac_rev	0	0	80.2	35		77.4		
48	6079	17-MAY-93	ac_rev	0	0	78.6	43		86.1		
48	6079	14-MAR-95	pad42_ac	0	0	56.7	55		124.5		
48	6079	08-AUG-95	ac_rev	0	0	83.1	48		99.4		
48	6079	12-MAY-97	ac_rev	0	0	58.1	49		93.7		
48	6086	22-JUN-90	pad_ac	0	0	0	0		0	0	0
48	6086	14-FEB-91	pad_ac	0	0	0	0		0	0	0
48	6086	11-APR-91	ac_rev	0	0	0	0		0	0	0
48	6086	27-MAR-92	ac_rev	0	0	0	0		0	0	0
48	6086	31-MAR-93	ac_rev	0	0	0	0		0	0	0
48	6086	21-FEB-95	pad42_ac	0	0	3.8	1		3.9	0	0
48	6086	20-MAR-95	ac_rev	0	0	0.5	0		0	0	0
48	6086	23-APR-97	ac_rev	0	0	0.7	0		0	1	315
48	6160	24-JAN-90	pad_ac	0	0	0	0		0	0	0
48	6160	05-NOV-91	ac_rev	0	0	64			0	0	0
48	6160	07-JUL-93	ac_rev	0	0	32.4			0	0	0
48	6179	24-JAN-90	pad_ac	0	0	0	24.466296	5	9.531096	0	0
48	6179	05-NOV-91	ac_rev	0	0	0	26.8	6	11.3	0	0
48	6179	07-JUL-93	ac_rev	0	0	0	36.2	7	18	0	0

48	6179	14-MAR-95pad42_ac	0	0	0	45	12	34.7	0	0
48	6179	27-JUL-95ac_rev	0	0	0	36.2	11	24.5	0	0
48	6179	10-JUN-97ac_rev	0	0	0	53.5	15	34.2	0	0
48	7165	08-MAR-90pad_ac	0	0	0	0	0	0	0	0
48	7165	26-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	7165	09-JUL-91ac_rev	0	0	0	0	0	0	0	0
48	7165	27-APR-93ac_rev	0	0	0	0	0	0	0	0
48	7165	25-FEB-95pad42_ac	0	0	1.1	0.7	0	0	0	0
48	7165	06-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	9005	10-OCT-90ac_rev	0	0	0	0	0	0	0	0
48	9005	14-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	9005	27-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	9005	26-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	9005	02-OCT-91pad_ac	0	0	0	0	0	0	0	0
48	9005	05-APR-93ac_rev	0	0	0	0	0	0	0	0
48	9005	20-FEB-95pad42_ac	0	0	0	0	0	0	0	0
48	9005	16-FEB-96ac_rev	0	0	0	0	0	0	0	0
48	9005	09-JUL-96ac_rev	0	0	0	0	0	0	0	0
48	9005	02-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	A310	14-AUG-89ac_rev	0	0	40	2	0	0	0	0
48	A310	14-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	A310	05-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	A310	27-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	A310	24-SEP-91ac_rev	0	0	0	0	0	0	0	0
48	A310	12-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	A310	05-APR-93ac_rev	0	0	0	0	0	0	0	0
48	A310	19-SEP-95ac_rev	0	0	0	0	0	0	0	0
48	A310	02-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	A320	14-AUG-89ac_rev	4.1	0	7.3	10.7	0	0	0	0
48	A320	14-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	A320	05-FEB-91pad_ac	0	0	0	1	0.947928	0	0	0
48	A320	27-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	A320	24-SEP-91ac_rev	0	0	0	0	0	0	0	0
48	A320	12-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	A320	05-APR-93ac_rev	2.4	0	0	0	0	0	0	0
48	A320	19-SEP-95ac_rev	31.1	0	0	0	0	0	0	0
48	A320	02-JUL-97ac_rev	32.1	0	0	0	0	0	0	0
48	A330	14-AUG-89ac_rev	0	0	0	0	0	0	0	0
48	A330	14-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	A330	05-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	A330	27-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	A330	24-SEP-91ac_rev	0	0	0	0	0	0	0	0
48	A330	12-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	A330	05-APR-93ac_rev	0	0	0	0	0	0	0	0
48	A330	19-SEP-95ac_rev	0	0	0	0	0	0	0	0
48	A330	02-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	A340	14-AUG-89ac_rev	0	0	0	0	0	2	0.2	0
48	A340	14-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	A340	05-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	A340	27-MAR-91ac_rev	0	0	0	0	0	2	0.2	0
48	A340	24-SEP-91ac_rev	0	0	0	0	0	2	0.2	0
48	A340	12-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	A340	05-APR-93ac_rev	0	0	0	0	0	2	0.1	0
48	A340	19-SEP-95ac_rev	0	0	0	0	0	2	0.1	0
48	A340	02-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	A350	14-AUG-89ac_rev	0	0	9.4	2.7	3	1.5	1	0.1
48	A350	05-FEB-91pad_ac	0	0	0	0.630936	4	3.785616	0	0
48	A350	12-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	A350	05-APR-93ac_rev	0	0	0	0	0	0	0	0
48	A502	10-AUG-93ac_rev	0	0	0	0	0	0	0	0
48	A502	09-MAR-95pad42_ac	0	0	0	0	0	0	0	0
48	A502	29-JUN-95ac_rev	0	0	0	0	1	2.3	0	0
48	A503	10-AUG-93ac_rev	0	0	0	0	0	0	3	0.2
48	A503	09-MAR-95pad42_ac	0	0	0	2.3	0	0	0	0
48	A503	29-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	A504	10-AUG-93ac_rev	0	0	0	0	0	0	5	0.3
48	A504	09-MAR-95pad42_ac	0	0	0	0	0	0	0	0
48	A504	29-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	A505	10-AUG-93ac_rev	0	0	0	0	0	0	2	0.1
48	A505	09-MAR-95pad42_ac	0	0	0	115.4	21	34.6	0	0
48	A505	29-JUN-95ac_rev	0	0	0	148.6	25	27.2	0	0
48	A506	10-AUG-93ac_rev	0	0	0	0	0	0	0	0
48	A506	09-MAR-95pad42_ac	0	0	0	0	1	0.4	0	0
48	A506	29-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	A507	10-AUG-93ac_rev	0	0	0	0	0	0	0	0
48	A507	09-MAR-95pad42_ac	0	0	0	1.2	6	3.9	0	0
48	A507	29-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	A508	10-AUG-93ac_rev	0	0	0	0	0	0	0	0
48	A508	09-MAR-95pad42_ac	0	0	0	0	0	0	0	0
48	A508	29-JUN-95ac_rev	0	0	0	0	0	0	0	0
48	A509	10-AUG-93ac_rev	0	0	0	0	0	0	4	0.3

48	A509	09-MAR-95pad42_ac	0	0	0	0	0	0	0
48	A509	29-JUN-95ac_rev	0	0	0	0	0	0	0
48	B310	30-JAN-90pad_ac	0	0	0	275.78913	100	176.63464	0
48	B310	19-SEP-90ac_rev	0	0	0.6			0	0
48	B310	20-DEC-90ac_rev	0	0	0			0	0
48	B310	08-MAR-91pad_ac	0	0	0			0	0
48	B310	17-JUL-91ac_rev	0	0	0			0	0
48	B310	28-JAN-92pad_ac	0	0	0			0	0
48	B310	10-AUG-93ac_rev	0	0	0			0	0
48	B310	29-JUN-95ac_rev	0	0	0			0	0
48	B310	02-JUN-98ac_rev	0	0	2.9			0	0
48	B320	30-JAN-90pad_ac	0	0	0	289.67277		0	0
48	B320	17-SEP-90pad_ac	0	0	0	347.75546		1	0.27778008
48	B320	19-SEP-90ac_rev	0	0	15.2	243.8		0	0
48	B320	20-DEC-90ac_rev	0	0	0			0	0
48	B320	08-MAR-91pad_ac	0	0	0			0	0
48	B320	17-JUL-91ac_rev	0	0	0			0	0
48	B320	28-JAN-92pad_ac	0	0	0			0	0
48	B320	10-AUG-93ac_rev	1.3	0	1			0	0
48	B320	29-JUN-95ac_rev	0	0	35.1			0	0
48	B330	30-JAN-90pad_ac	0	0	0			0	0
48	B330	17-SEP-90pad_ac	0	0	0			0	0
48	B330	19-SEP-90ac_rev	0	0	0			0	0
48	B330	20-DEC-90ac_rev	0	0	0			0	0
48	B330	08-MAR-91pad_ac	0	0	0			0	0
48	B330	17-JUL-91ac_rev	0	0	0			0	0
48	B330	28-JAN-92pad_ac	0	0	0			0	0
48	B330	10-AUG-93ac_rev	0	0	0			0	0
48	B330	29-JUN-95ac_rev	0	0	0			0	0
48	B340	30-JAN-90pad_ac	0	0	0	268.95552	73	111.38001	0
48	B340	17-SEP-90pad_ac	0	0	0	355.34498	58	85.70976	0
48	B340	20-DEC-90ac_rev	0	0	0	336.2	73	96.6	0
48	B340	08-MAR-91pad_ac	0	0	0	315.9953	75	119.66752	0
48	B340	17-JUL-91ac_rev	0	0	0	410.5	92	125.9	0
48	B340	28-JAN-92pad_ac	0	0	0	246.77827	65	100.19385	0
48	B340	10-AUG-93ac_rev	0	0	0	260.8	92	149	0
48	B340	29-JUN-95ac_rev	0	0	0	366.1	161	182	0
48	B350	30-JAN-90pad_ac	0	0	0			0	0
48	B350	17-SEP-90pad_ac	0	0	0			0	0
48	B350	19-SEP-90ac_rev	0	0	15.8			0	0
48	B350	20-DEC-90ac_rev	0	0	0	0		0	0
48	B350	08-MAR-91pad_ac	0	0	0	1.905		0	0
48	B350	17-JUL-91ac_rev	0	0	0	0		0	0
48	B350	28-JAN-92pad_ac	0	0	0	0		0	0
48	B350	10-AUG-93ac_rev	0	0	0	0		0	0
48	B350	29-JUN-95ac_rev	0	0	0	0		0	0
48	D310	89-12-06 pad_ac	0	0	0	167.44188	5	10.661904	0
48	D310	90-09-15 pad_ac	0	0	0	135.77925	8	13.7922	0
48	D310	13-DEC-90ac_rev	0	0	0	0		0	0
48	D310	24-JAN-91pad_ac	0	0	0	0		0	0
48	D310	31-MAY-91ac_rev	0	0	0	0		0	0
48	D310	02-OCT-91pad_ac	0	0	0	0		0	0
48	D310	08-JUL-93ac_rev	0	0	1.2	0		0	0
48	D310	15-APR-94ac_rev	0	0	6.8	0		0	0
48	D310	28-JUL-95ac_rev	5.9	0	26.3	4		0	0
48	D320	89-12-06 pad_ac	0	0	0	146.46859	6	12.886944	0
48	D320	90-09-15 pad_ac	0	0	0	171.2823588		15.142464	0
48	D320	13-DEC-90ac_rev	0	0	0	0		0	0
48	D320	24-JAN-91pad_ac	0	0	0	1.563624		0	0
48	D320	31-MAY-91ac_rev	0	0	0	0		0	0
48	D320	02-OCT-91pad_ac	0	0	0	0.633984		0	0
48	D320	08-JUL-93ac_rev	0	0	0	0		0	0
48	D320	15-APR-94ac_rev	0	0	0	0		0	0
48	D320	28-JUL-95ac_rev	0	0	0	0		0	0
48	D330	06-DEC-89pad_ac	0	0	0			0	0
48	D330	15-SEP-90pad_ac	0	0	0			0	0
48	D330	13-DEC-90ac_rev	0	0	0			0	0
48	D330	24-JAN-91pad_ac	0	0	0			0	0
48	D330	31-MAY-91ac_rev	0	0	0			0	0
48	D330	02-OCT-91pad_ac	0	0	0			0	0
48	D330	08-JUL-93ac_rev	0	0	0			0	0
48	D330	15-APR-94ac_rev	0	0	0			0	0
48	D330	28-JUL-95ac_rev	0	0	0			1	34.9
48	D350	89-12-06 pad_ac	0	0	0	108.17961	1	1.566672	0
48	D350	90-09-15 pad_ac	0	0	0	183.20004	0	0	0
48	D350	13-DEC-90ac_rev	0	0	0	0		0	0
48	D350	24-JAN-91pad_ac	0	0	0	0		0	0
48	D350	31-MAY-91ac_rev	0	0	0	0		0	0
48	D350	02-OCT-91pad_ac	0	0	0	0		0	0
48	D350	08-JUL-93ac_rev	0	0	1	6	4.7	0	0
48	D350	15-APR-94ac_rev	0	0	0.9	5	3.9	0	0

48	D350	28-JUL-95ac_rev	0	0	0.9		5	3.9	0	0
48	E310	89-12-06 pad_ac	1.3387328	0	0	4.078224	33	70.289928	0	0
48	E310	90-09-15 pad_ac	0	0	0	0	1	0.920496	0	0
48	E310	25-SEP-90ac_rev	0	0	0				0	0
48	E310	23-JAN-91pad_ac	0	0	0				0	0
48	E310	07-MAR-91ac_rev	0	0	0				0	0
48	E310	02-OCT-91pad_ac	0	0	0				0	0
48	E310	06-NOV-91ac_rev	0	0	0				0	0
48	E310	06-JUL-93ac_rev	0	0	0				0	0
48	E310	12-AUG-93ac_rev	0	0	0				0	0
48	E310	11-APR-94ac_rev	0	0	0				0	0
48	E320	06-DEC-89pad_ac	0	0	0	0	18	37.636704	0	0
48	E320	15-SEP-90pad_ac		0						
48	E320	23-JAN-91pad_ac		0						
48	E320	07-MAR-91ac_rev		0						
48	E320	02-OCT-91pad_ac		0						
48	E320	06-NOV-91ac_rev		0						
48	E320	06-JUL-93ac_rev		0						
48	E320	12-AUG-93ac_rev		0						
48	E320	11-APR-94ac_rev		0						
48	E330	06-DEC-89pad_ac		0						
48	E330	15-SEP-90pad_ac		0						
48	E330	25-SEP-90ac_rev		0						
48	E330	23-JAN-91pad_ac		0						
48	E330	07-MAR-91ac_rev		0						
48	E330	02-OCT-91pad_ac		0						
48	E330	06-NOV-91ac_rev		0						
48	E330	06-JUL-93ac_rev		0						
48	E330	12-AUG-93ac_rev		0						
48	E330	11-APR-94ac_rev		0						
48	E340	06-DEC-89pad_ac		0						
48	E340	15-SEP-90pad_ac		0						
48	E340	25-SEP-90ac_rev		0						
48	E340	23-JAN-91pad_ac		0						
48	E340	07-MAR-91ac_rev		0						
48	E340	02-OCT-91pad_ac		0						
48	E340	06-NOV-91ac_rev		0						
48	E340	06-JUL-93ac_rev		0						
48	E340	12-AUG-93ac_rev		0						
48	E340	11-APR-94ac_rev		0						
48	E350	06-DEC-89pad_ac	2.5864206	0	0	0.627888	10	27.026616	0	0
48	E350	15-SEP-90pad_ac		0					0	0
48	E350	23-JAN-91pad_ac		0					0	0
48	E350	07-MAR-91ac_rev		0					0	0
48	E350	02-OCT-91pad_ac		0					0	0
48	E350	06-NOV-91ac_rev		0	1.5				0	0
48	E350	06-JUL-93ac_rev		0					0	0
48	E350	11-APR-94ac_rev		0					0	0
48	F310	90-01-30 pad_ac	0	0	0	0	15	44.604432	0	0
48	F310	90-09-18 pad_ac	0	0	0	2.154936	14	36.950904	0	0
48	F310	15-JAN-91ac_rev		0		0	8		0	0
48	F310	10-MAR-91pad_ac		0		0	10		0	0
48	F310	24-JUN-91ac_rev		0		0	8		0	0
48	F310	23-JAN-92pad_ac		0		0	8		0	0
48	F310	21-DEC-92ac_rev		0		0	17		0	0
48	F310	12-AUG-93ac_rev		0		0	11		0	0
48	F310	07-SEP-94ac_rev		0		0	16		0	0
48	F310	20-JUL-95ac_rev		0		0	14		0	0
48	F310	16-JUL-97ac_rev		0		0	14		0	0
48	F320	90-01-30 pad_ac	0	0	0	2.197608	5	8.787384	1	
48	F320	90-09-18 pad_ac	0	0	0	1.222248	6	6.41604	0	
48	F320	15-JAN-91ac_rev		0						
48	F320	10-MAR-91pad_ac		0						
48	F320	24-JUN-91ac_rev		0						
48	F320	23-JAN-92pad_ac		0						
48	F320	21-DEC-92ac_rev		0						
48	F320	12-AUG-93ac_rev		0						
48	F320	07-SEP-94ac_rev		0	4.5					
48	F320	20-JUL-95ac_rev		0	4.3					
48	F330	30-JAN-90pad_ac		0					0	0
48	F330	18-SEP-90pad_ac		0					0	0
48	F330	15-JAN-91ac_rev		0					0	0
48	F330	10-MAR-91pad_ac		0					0	0
48	F330	24-JUN-91ac_rev		0					0	0
48	F330	23-JAN-92pad_ac		0					0	0
48	F330	21-DEC-92ac_rev		0					0	0
48	F330	12-AUG-93ac_rev		0					0	0
48	F330	07-SEP-94ac_rev		0					0	0
48	F330	20-JUL-95ac_rev		0					4	52.1
48	F340	30-JAN-90pad_ac		0					0	0
48	F340	18-SEP-90pad_ac		0					0	0

48	F340	15-JAN-91ac_rev	0				0	0	
48	F340	10-MAR-91pad_ac	0				0	0	
48	F340	24-JUN-91ac_rev	0				0	0	
48	F340	23-JAN-92pad_ac	0				0	0	
48	F340	21-DEC-92ac_rev	0				0	0	
48	F340	12-AUG-93ac_rev	0				0	0	
48	F340	07-SEP-94ac_rev	0				0	0	
48	F340	20-JUL-95ac_rev	0				0	0	
48	F350	90-01-30 pad_ac	0	0	0	16.791432	6	18.690336	0
48	F350	90-09-18 pad_ac	0	0	0	8.208264	5	11.049	0
48	F350	15-JAN-91ac_rev	0	0	0				
48	F350	10-MAR-91pad_ac	0	0	0				
48	F350	24-JUN-91ac_rev	0	0	0				
48	F350	23-JAN-92pad_ac	0	0	0				
48	F350	21-DEC-92ac_rev	0	0	0				
48	F350	12-AUG-93ac_rev	0	0	0				
48	F350	07-SEP-94ac_rev	4.5	0	0				
48	G310	90-02-26 pad_ac	0	0	0	0	0	0	0
48	G310	90-09-18 pad_ac	0	0	0	0	0	0	0
48	G310	16-JAN-91ac_rev	0	0	0				
48	G310	07-MAR-91pad_ac	0	0	0				
48	G310	25-JUN-91ac_rev	0	0	0				
48	G310	30-JAN-92pad_ac	0	0	0				
48	G310	11-AUG-93ac_rev	0	0	0				
48	G310	19-JUL-95ac_rev	4.9	0	0				
48	G310	15-JUL-97ac_rev	147.6	0	0				
48	G320	90-02-26 pad_ac	0	0	0	0	1	0.627888	0
48	G320	90-09-18 pad_ac	0	0	0	0	0	0	0
48	G320	16-JAN-91ac_rev	0	0	0				
48	G320	07-MAR-91pad_ac	0	0	0				
48	G320	25-JUN-91ac_rev	0	0	0				
48	G320	30-JAN-92pad_ac	0	0	0				
48	G320	11-AUG-93ac_rev	0	0	0				
48	G320	19-JUL-95ac_rev	0	0	0.6	3			
48	G320	15-JUL-97ac_rev	0.2	0	0	4.8			
48	G330	26-FEB-90pad_ac	0	0	0		0	0	0
48	G330	18-SEP-90pad_ac	0	0	0		0	0	0
48	G330	16-JAN-91ac_rev	0	0	0		0	0	0
48	G330	07-MAR-91pad_ac	0	0	0		1	0.630936	0
48	G330	25-JUN-91ac_rev	0	0	0		0	0	0
48	G330	30-JAN-92pad_ac	0	0	0		0	0	0
48	G330	11-AUG-93ac_rev	0	0	0		0	0	0
48	G330	19-JUL-95ac_rev	0	0	0		1	0.5	0
48	G330	15-JUL-97ac_rev	0.5	0	0.3		0	0	0
48	G350	90-02-26 pad_ac	0	0	0	0.94488	0	0	5
48	G350	90-09-18 pad_ac	0	0	0	0	1	0.62484	2
48	G350	16-JAN-91ac_rev	0	0	0		0		
48	G350	07-MAR-91pad_ac	0	0	0		0		
48	G350	25-JUN-91ac_rev	0	0	0		0		
48	G350	30-JAN-92pad_ac	0	0	0		0		
48	G350	11-AUG-93ac_rev	0	0	0		0		
48	G350	19-JUL-95ac_rev	0	0	0		0		
48	G350	15-JUL-97ac_rev	0	0	0		0		
48	H310	90-01-04 pad_ac	0	0	0	18.681192	3	3.166872	0
48	H310	90-09-21 pad_ac	0	0	0	14.197584	4	4.011168	0
48	H310	15-NOV-90ac_rev	0	0	0				
48	H310	22-FEB-91pad_ac	0	0	0				
48	H310	28-MAY-91ac_rev	0	0	0				
48	H310	10-MAR-92pad_ac	0	0	0				
48	H310	13-JUL-93ac_rev	0	0	0				
48	H310	24-JUL-95ac_rev	5.9	0	0				
48	H310	22-NOV-96ac_rev	7.6	0	0				
48	H320	90-01-04 pad_ac	0	0	0	13.627608	7	8.555736	0
48	H320	90-09-21 pad_ac	0	0	0	17.611344	4	5.07492	0
48	H320	15-NOV-90ac_rev	0	0	0				
48	H320	22-FEB-91pad_ac	0	0	0				
48	H320	28-MAY-91ac_rev	0	0	0				
48	H320	10-MAR-92pad_ac	0	0	0				
48	H320	13-JUL-93ac_rev	1.2	0	0				
48	H320	24-JUL-95ac_rev	5	0	0				
48	H320	22-NOV-96ac_rev	42.2	0	0				
48	H330	04-JAN-90pad_ac	0	0	0				
48	H330	21-SEP-90pad_ac	0	0	0				
48	H330	15-NOV-90ac_rev	0	0	0				
48	H330	22-FEB-91pad_ac	0	0	0				
48	H330	28-MAY-91ac_rev	0	0	0				
48	H330	10-MAR-92pad_ac	0	0	0				
48	H330	13-JUL-93ac_rev	0	0	0			1	0.1
48	H330	24-JUL-95ac_rev	0	0	0			0	0
48	H330	22-NOV-96ac_rev	0	0	0			0	0
48	H340	04-JAN-90pad_ac	0	0	0			0	0

48	H340	21-SEP-90pad_ac		0				0		0
48	H340	15-NOV-90ac_rev		0				0		0
48	H340	22-FEB-91pad_ac		0				0		0
48	H340	28-MAY-91ac_rev		0				0		0
48	H340	10-MAR-92pad_ac		0				0		0
48	H340	13-JUL-93ac_rev		0				0		0
48	H340	24-JUL-95ac_rev		0				0		0
48	H340	22-NOV-96ac_rev		0				0		0
48	H350	90-01-04 pad_ac	0	0	0	0	1	1.560576	0	0
48	H350	90-09-21 pad_ac	0.363250880		0		7.159752	4	3.578352	0
48	H350	15-NOV-90ac_rev	0	0				0	0	0
48	H350	22-FEB-91pad_ac	0	0				5	4.062984	0
48	H350	28-MAY-91ac_rev	0	0				0	0	0
48	H350	10-MAR-92pad_ac	0	0				1	1.261872	0
48	H350	13-JUL-93ac_rev	0.7	0				3	2.5	0
48	H350	24-JUL-95ac_rev	5.5	0				3	2.2	0
48	H350	22-NOV-96ac_rev	15.3	0				6	3.3	0
48	I310	90-03-04 pad_ac	0	0	0	0	0	0	0	0
48	I310	90-09-21 pad_ac	0	0	0	0	0	1	0.923544	0
48	I310	22-FEB-91pad_ac	0	0	0	0	0	1	1.871472	0
48	I310	29-MAY-91ac_rev	0	0	0	0	0	0	0	0
48	I310	28-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	I310	14-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	I310	12-MAY-95ac_rev	0	0	0	0	0	0	0	0
48	I310	24-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	I320	90-03-04 pad_ac	0	0	0	0	0	0	0	0
48	I320	90-09-21 pad_ac	0	0	0	0	7.991856	4	2.151888	0
48	I320	15-NOV-90ac_rev	0	0	0	0	0	0	0	0
48	I320	22-FEB-91pad_ac	0	0	0	0	0	4	3.1242	0
48	I320	29-MAY-91ac_rev	0	0	0	0	0	0	0	0
48	I320	28-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	I320	14-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	I320	12-MAY-95ac_rev	0	0	0	0	0	0	0	0
48	I320	24-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	I330	04-MAR-90pad_ac	0	0	0	0	0	0	0	0
48	I330	21-SEP-90pad_ac	0	0	0	0	0	4	3.694176	0
48	I330	15-NOV-90ac_rev	0	0	0	0	0	0	0	0
48	I330	22-FEB-91pad_ac	0	0	0	0	0	2	1.566672	0
48	I330	29-MAY-91ac_rev	0	0	0	0	0	0	0	0
48	I330	28-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	I330	14-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	I330	12-MAY-95ac_rev	0	0	0	0	0	0	0	0
48	I330	24-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	I340	04-MAR-90pad_ac	0	0	0	0	0	1	0.941832	0
48	I340	21-SEP-90pad_ac	0	0	0	0	0	6	4.675632	0
48	I340	15-NOV-90ac_rev	0	0	0	0	0	0	0	0
48	I340	22-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	I340	29-MAY-91ac_rev	0	0	0	0	0	0	0	0
48	I340	28-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	I340	14-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	I340	12-MAY-95ac_rev	0	0	0	0	0	0	0	0
48	I340	24-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	I350	90-03-04 pad_ac	0	0	0	0	0	0	0	0
48	I350	90-09-21 pad_ac	0	0	0	0	2.46888	8	4.319016	0
48	I350	15-NOV-90ac_rev	0	0	0	0	0	0	0	0
48	I350	22-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	I350	29-MAY-91ac_rev	0	0	0	0	0	0	0	0
48	I350	28-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	I350	14-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	I350	12-MAY-95ac_rev	0	0	0	0	0	0	0	0
48	I350	24-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	J310	90-10-14 pad_ac	0	0	0	0	19.101816	2	1.252728	0
48	J310	90-10-16 ac_rev	0	0	4	0	0	0	0	0
48	J310	20-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	J310	14-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	J310	25-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	J310	28-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	J310	02-OCT-91pad_ac	0	0	0	0	0	0	0	0
48	J310	02-APR-93ac_rev	0	0	0	0	0	0	0	0
48	J310	24-MAR-95ac_rev	0	0	0	0	0	0	0	0
48	J310	03-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	J320	14-OCT-90pad_ac	0	0	0	0	12.079224	0	0	0
48	J320	16-OCT-90ac_rev	0	0	0	0	0	0	0	0
48	J320	20-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	J320	14-FEB-91pad_ac	0	0	0	0	0	3	2.182368	0
48	J320	25-MAR-91ac_rev	0	0	0	0	0	0	0	0
48	J320	28-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	J320	02-OCT-91pad_ac	0	0	0	0	0	0	0	0
48	J320	02-APR-93ac_rev	0	0	0	0	0	0	0	0
48	J320	24-MAR-95ac_rev	0	0	0	0	0	0	0	0
48	J320	03-JUL-97ac_rev	0	0	4.3	0	0	0	0	0

48	J330	14-OCT-90pad_ac	0	0	0	3.654552	0	0
48	J330	16-OCT-90ac_rev	0	0	0	0	0	0
48	J330	20-DEC-90ac_rev	0	0	0	0	0	0
48	J330	14-FEB-91pad_ac	0	0	0	0	0	0
48	J330	25-MAR-91ac_rev	0	0	0	0	0	0
48	J330	28-AUG-91ac_rev	0	0	0	0	0	0
48	J330	02-OCT-91pad_ac	0	0	0	0	0	0
48	J330	02-APR-93ac_rev	0	0	0	0	0	0
48	J330	24-MAR-95ac_rev	0	0	0	0	0	0
48	J330	03-JUL-97ac_rev	0	0	0	0	0	0
48	J340	14-OCT-90pad_ac	0	0	0	3.209544	0	0
48	J340	16-OCT-90ac_rev	0	0	0	0	0	0
48	J340	20-DEC-90ac_rev	0	0	0.6	0	0	0
48	J340	14-FEB-91pad_ac	0	0	0	4.08432	0	0
48	J340	25-MAR-91ac_rev	0	0	0	0	0	0
48	J340	28-AUG-91ac_rev	0	0	0	0	0	0
48	J340	02-OCT-91pad_ac	0	0	0	0	0	0
48	J340	02-APR-93ac_rev	0	0	0	0	0	0
48	J340	24-MAR-95ac_rev	0	0	1.4	0	0	0
48	J340	03-JUL-97ac_rev	0	0	2.7	0	0	0
48	J350	14-OCT-90pad_ac	0	0	0	6.2484	8	9.99744
48	J350	16-OCT-90ac_rev	0	0	0.9	0	0	0
48	J350	20-DEC-90ac_rev	0	0	0	0	0	0
48	J350	14-FEB-91pad_ac	0	0	0	3.45948	5	3.773424
48	J350	25-MAR-91ac_rev	0	0	0	0	0	0
48	J350	28-AUG-91ac_rev	0	0	0	0	0	0
48	J350	02-OCT-91pad_ac	0	0	0	0	0	0
48	J350	02-APR-93ac_rev	0	0	0	0	0	0
48	J350	24-MAR-95ac_rev	0	0	0	0	0	0
48	J350	03-JUL-97ac_rev	0	0	0	0	0	0
48	K310	90-10-10 ac_rev	0	0	24.1	71.3	0	0
48	K310	90-10-14 pad_ac	0	0	0	79.891128	0	0
48	K310	11-DEC-90ac_rev	0	0	0	0	0	0
48	K310	05-FEB-91pad_ac	0	0	0	0	0	0
48	K310	27-MAR-91ac_rev	0	0	0	0	0	0
48	K310	26-AUG-91ac_rev	0	0	0	0	0	0
48	K310	02-OCT-91pad_ac	0	0	0	0	0	0
48	K310	05-APR-93ac_rev	0	0	0	0	0	0
48	K310	16-FEB-96ac_rev	0	0	1	11.9	0	0
48	K310	09-JUL-96ac_rev	0	0	1.9	19.6	0	0
48	K310	02-JUL-97ac_rev	0	0	3.4	26	0	0
48	K320	90-10-10 ac_rev	0	0	23.6	18	3	2.4
48	K320	90-10-14 pad_ac	0	0	0	22.777704	6	8.927592
48	K320	11-DEC-90ac_rev	0	0	0	0	0	0
48	K320	05-FEB-91pad_ac	0	0	0	0	0	0
48	K320	27-MAR-91ac_rev	0	0	0	0	0	0
48	K320	26-AUG-91ac_rev	0	0	0	0	0	0
48	K320	02-OCT-91pad_ac	0	0	0	0	0	0
48	K320	05-APR-93ac_rev	0	0	0	2.2	1	0.8
48	K320	16-FEB-96ac_rev	0	0	0	18.1	1	0.8
48	K320	09-JUL-96ac_rev	0	0	0	20.4	2	1.2
48	K320	02-JUL-97ac_rev	0	0	0	27.5	2	1.4
48	K330	10-OCT-90ac_rev	0	0	1.2	0	0	0
48	K330	14-OCT-90pad_ac	0	0	0	1	0.612648	0
48	K330	11-DEC-90ac_rev	0	0	1.2	0	0	0
48	K330	05-FEB-91pad_ac	0	0	0	1	0.316992	0
48	K330	27-MAR-91ac_rev	0	0	1.5	0	0	0
48	K330	26-AUG-91ac_rev	0	0	0	0	0	0
48	K330	02-OCT-91pad_ac	0	0	0	0	0	0
48	K330	05-APR-93ac_rev	0	0	1.6	0	0	0
48	K330	16-FEB-96ac_rev	0	0	0	0	0	0
48	K330	09-JUL-96ac_rev	0	0	0	0	0	0
48	K330	02-JUL-97ac_rev	0	0	0	0	0	0
48	K340	10-OCT-90ac_rev	0	0	0	0	0	0
48	K340	14-OCT-90pad_ac	0	0	0	6	4.63296	0
48	K340	11-DEC-90ac_rev	0	0	0	0	0	0
48	K340	05-FEB-91pad_ac	0	0	0	1	0.627888	0
48	K340	27-MAR-91ac_rev	0	0	0	0	0	0
48	K340	26-AUG-91ac_rev	0	0	0	0	0	0
48	K340	02-OCT-91pad_ac	0	0	0	0	0	0
48	K340	05-APR-93ac_rev	0	0	0	1	0.5	0
48	K340	23-FEB-96ac_rev	0	0	0	2	0.9	0
48	K340	09-JUL-96ac_rev	0	0	0	3	2	0
48	K340	02-JUL-97ac_rev	0	0	0	7	3.5	0
48	K350	90-10-10 ac_rev	1.6	0	39.3	0	0	0
48	K350	90-10-14 pad_ac	0	0	0	97.435416	1	0.615696
48	K350	11-DEC-90ac_rev	0	0	0	0	0	0
48	K350	05-FEB-91pad_ac	0	0	0	2.200656	3	2.828544
48	K350	27-MAR-91ac_rev	0	0	0	0	0	0
48	K350	26-AUG-91ac_rev	0	0	0	0	0	0
48	K350	02-OCT-91pad_ac	0	0	0	0	0	0

48	K350	05-APR-93ac_rev	0	0	0	0	0	0	0	0
48	K350	23-FEB-96ac_rev	0	0	0	0	0	0	0	0
48	K350	09-JUL-96ac_rev	0	0	0	0	0	0	0	0
48	K350	02-JUL-97ac_rev	0	0	0	0	0	0	0	0
48	L310	12-DEC-89ac_rev	0	0	0	0	0	0	0	0
48	L310	11-SEP-90pad_ac	0	0	0	45.238416	0	0	0	0
48	L310	13-DEC-90ac_rev	0	0	0	52.7	0	0	0	0
48	L310	18-JAN-91pad_ac	0	0	0	87.876888	0	0	0	0
48	L310	13-JUN-91ac_rev	0	0	0	0	0	0	0	0
48	L310	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
48	L310	04-JUL-93ac_rev	0	0	0	0	9	16.1	0	0
48	L310	09-JUL-93ac_rev	0	0	0	0	9	16.1	0	0
48	L310	07-NOV-95ac_rev	0	0	0	0	15	42.6	0	0
48	L310	12-JUN-97ac_rev	0	0	0	148.9	21	68	0	0
48	L320	89-12-12 ac_rev	0	0	0	68.3	8	27.4	0	0
48	L320	90-09-11 pad_ac	0	0	0	55.385208	11	34.859976	0	0
48	L320	13-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	L320	13-JUN-91ac_rev	0	0	0	0	0	0	0	0
48	L320	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
48	L320	09-JUL-93ac_rev	0	0	0	107.5	0	0	0	0
48	L320	07-NOV-95ac_rev	0.6	0	0	107.7	0	0	0	0
48	L320	12-JUN-97ac_rev	0.9	0	0	178.1	0	0	0	0
48	L330	12-DEC-89ac_rev	0	0	0	0	0	0	0	0
48	L330	11-SEP-90pad_ac	0	0	0	0	0	0	0	0
48	L330	13-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	L330	18-JAN-91pad_ac	0	0	0	0	0	0	0	0
48	L330	13-JUN-91ac_rev	0	0	0	0	0	0	0	0
48	L330	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
48	L330	09-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	L330	07-NOV-95ac_rev	0	0	0	0	0	0	0	0
48	L330	12-JUN-97ac_rev	0	0	0	0	0	0	0	0
48	L340	12-DEC-89ac_rev	0	0	0	0	0	0	0	0
48	L340	11-SEP-90pad_ac	0	0	0	0	0	0	0	0
48	L340	13-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	L340	18-JAN-91pad_ac	0	0	0	0	0	0	0	0
48	L340	13-JUN-91ac_rev	0	0	0	0	0	0	0	0
48	L340	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
48	L340	09-JUL-93ac_rev	0	0	0	0	0	0	0	0
48	L340	07-NOV-95ac_rev	0	0	0	0	0	0	0	0
48	L340	12-JUN-97ac_rev	1.7	0	0	0	0	0	0	0
48	L350	89-12-12 ac_rev	0	0	2.1	152.4	20	65.2	0	0
48	L350	90-09-11 pad_ac	0	0	0	17.340072	24	51.410616	0	0
48	L350	13-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	L350	13-JUN-91ac_rev	0	0	0	0	0	0	0	0
48	L350	26-SEP-91pad_ac	0	0	0	0	0	0	0	0
48	L350	09-JUL-93ac_rev	0	0	2.2	0	0	0	0	0
48	L350	07-NOV-95ac_rev	0	0	4.9	0	0	0	0	0
48	L350	12-JUN-97ac_rev	0	0	32	0	0	0	0	0
48	M310	15-OCT-90ac_rev	0	0	0	0	0	0	0	0
48	M310	17-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	M310	06-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	M310	14-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	M310	09-APR-91ac_rev	0	0	0	0	0	0	0	0
48	M310	29-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	M310	16-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	M310	16-FEB-93ac_rev	0	0	0	3	1.5	0	0	0
48	M310	29-MAR-93ac_rev	0	0	0	0	0	0	0	0
48	M310	22-MAR-95ac_rev	0	0	0	3	1.9	0	0	0
48	M310	28-MAR-97ac_rev	0	0	1.6	7	4.1	2	42.1	0
48	M320	90-10-15 ac_rev	0	0	0	0	0	0	0	0
48	M320	90-10-17 pad_ac	0	0	0	1	0.316992	0	0	0
48	M320	06-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	M320	14-FEB-91pad_ac	0	0	0	0.92964	0	0	0	0
48	M320	09-APR-91ac_rev	0	0	0	0	0	0	0	0
48	M320	29-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	M320	16-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	M320	16-FEB-93ac_rev	0	0	0	0	0	0	0	0
48	M320	29-MAR-93ac_rev	0	0	0	0	0	0	0	0
48	M320	22-MAR-95ac_rev	0	0	0	1	0.8	0	0	0
48	M320	28-MAR-97ac_rev	0	0	0	15	6.3	0	0	0
48	M330	15-OCT-90ac_rev	0	0	0	0	0	0	0	0
48	M330	17-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	M330	06-DEC-90ac_rev	0	0	0	0	0	0	0	0
48	M330	14-FEB-91pad_ac	0	0	0	0.947928	0	0	0	0
48	M330	09-APR-91ac_rev	0	0	0	0	0	0	0	0
48	M330	29-AUG-91ac_rev	0	0	0	0	0	0	0	0
48	M330	16-MAR-92pad_ac	0	0	0	0	0	0	0	0
48	M330	16-FEB-93ac_rev	0	0	0	0	0	0	0	0
48	M330	29-MAR-93ac_rev	0	0	0	0	0	0	0	0
48	M330	22-MAR-95ac_rev	0	0	0.7	0	0	0	0	0
48	M330	28-MAR-97ac_rev	0	0	0	0	1	3.8	0	0

48	M340	15-OCT-90ac_rev	0	0	0	0	0	0	0
48	M340	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	M340	14-FEB-91pad_ac	0	0	2.505456	2	2.505456	0	0
48	M340	09-APR-91ac_rev	0	0	0	0	0	0	0
48	M340	29-AUG-91ac_rev	0	0	0	0	0	0	0
48	M340	16-MAR-92pad_ac	0	0	0	0	0	0	0
48	M340	16-FEB-93ac_rev	0	0	0	9	3.8	0	0
48	M340	29-MAR-93ac_rev	0	0	0	1	1	0	0
48	M340	22-MAR-95ac_rev	0	0	2.8	7	3.7	2	8.2
48	M340	28-MAR-97ac_rev	0	0	1.2	4	2.1	5	20.2
48	M350	90-10-15 ac_rev	0	0	0	0	0	0	0
48	M350	90-10-17 pad_ac	0	0	1.578864	1	0.630936	0	0
48	M350	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	M350	14-FEB-91pad_ac	0	0	0	0	0	0	0
48	M350	09-APR-91ac_rev	0	0	0	0	0	0	0
48	M350	29-AUG-91ac_rev	0	0	0	0	0	0	0
48	M350	16-MAR-92pad_ac	0	0	0	0	0	0	0
48	M350	16-FEB-93ac_rev	0	0	0	0	0	0	0
48	M350	29-MAR-93ac_rev	0	0	0	0	0	0	0
48	M350	22-MAR-95ac_rev	0	0	0	0	0	0	0
48	M350	28-MAR-97ac_rev	114.2	0	0	7	2.8	0	0
48	N310	22-JUN-90pad_ac	0	0	0	1.88976	0	0	0
48	N310	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	N310	14-FEB-91pad_ac	0	0	0	0	0	0	0
48	N310	09-APR-91ac_rev	0	0	0	0	0	0	0
48	N310	30-AUG-91ac_rev	0	0	0	0	0	0	0
48	N310	17-MAR-92pad_ac	0	0	0	0	0	0	0
48	N310	18-MAR-92ac_rev	0	0	0	2.4	0	0	0
48	N310	30-MAR-93ac_rev	8.1	0	10.8	0.8	2	1	0
48	N320	22-JUN-90pad_ac	0	0	0	3.148584	0	0	0
48	N320	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	N320	14-FEB-91pad_ac	0	0	0	0	0	0	0
48	N320	09-APR-91ac_rev	0	0	0	0	0	0	0
48	N320	30-AUG-91ac_rev	0	0	0	0	0	0	0
48	N320	17-MAR-92pad_ac	0	0	0	0	0	0	0
48	N320	18-MAR-92ac_rev	0	0	0	2.4	1	0.6	0
48	N320	30-MAR-93ac_rev	3.5	0	0	0	0	0	0
48	N330	22-JUN-90pad_ac	0	0	0	1	0.94488	0	0
48	N330	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	N330	14-FEB-91pad_ac	0	0	0	0	0	1	0
48	N330	09-APR-91ac_rev	0	0	0	0	0	1	0
48	N330	30-AUG-91ac_rev	0	0	0	0	0	1	0
48	N330	17-MAR-92pad_ac	0	0	0	0	0	2	0
48	N330	18-MAR-92ac_rev	0	0	1	1.8	0	0	4
48	N330	30-MAR-93ac_rev	0	0	0	0	0	5	0
48	N340	22-JUN-90pad_ac	0	0	0	0	0	0	0
48	N340	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	N340	14-FEB-91pad_ac	0	0	0	0	0	0	0
48	N340	09-APR-91ac_rev	0	0	0	0	0	0	0
48	N340	30-AUG-91ac_rev	0	0	0	0	0	0	0
48	N340	17-MAR-92pad_ac	0	0	0	0	0	0	0
48	N340	18-MAR-92ac_rev	5.5	0	0	0	0	0	0
48	N340	30-MAR-93ac_rev	21.8	0	0	0	0	1	4
48	N350	22-JUN-90pad_ac	0	0	0	0	0	0	0
48	N350	06-DEC-90ac_rev	0	0	0	0	0	0	0
48	N350	14-FEB-91pad_ac	0	0	0	0	0	0	0
48	N350	09-APR-91ac_rev	0	0	0	0	0	0	0
48	N350	30-AUG-91ac_rev	0	0	0	0	0	0	0
48	N350	17-MAR-92pad_ac	0	0	0	0	0	0	0
48	N350	18-MAR-92ac_rev	0	0	0	0	0	0	0
48	N350	30-MAR-93ac_rev	0	0	0	0	0	0	0
48	Q310	90-09-17 pad_ac	0	0	0	0	0	0	0
48	Q310	90-09-24 ac_rev	0	0	0	0	0	0	0
48	Q310	21-OCT-90pad_ac	0	0	0	0	0	0	0
48	Q310	25-JAN-91pad_ac	0	0	0	0	0	0	0
48	Q310	30-MAY-91ac_rev	0	0	0	0	0	0	0
48	Q310	11-MAR-92pad_ac	0	0	0	0	0	0	0
48	Q310	14-MAY-93ac_rev	0	0	0	0	0	0	0
48	Q310	26-JUL-95ac_rev	0	0	2.6	0	2	2.2	0
48	Q310	27-JUN-97ac_rev	2.3	0	52.2	63.4	39	39.3	0
48	Q320	17-SEP-90pad_ac	0	0	0	0	0	0	0
48	Q320	24-SEP-90ac_rev	0	0	0	0	0	0	0
48	Q320	25-JAN-91pad_ac	0	0	0	0	0	0	0
48	Q320	30-MAY-91ac_rev	0	0	0	0	0	0	0
48	Q320	11-MAR-92pad_ac	0	0	0	0	0	0	0
48	Q320	14-MAY-93ac_rev	0	0	0	0	0	0	0
48	Q320	26-JUL-95ac_rev	0	0	5.3	0	0	0	0
48	Q320	27-JUN-97ac_rev	0.6	0	12.2	0	0	0	0
48	Q330	17-SEP-90pad_ac	0	0	0	0	0	0	0
48	Q330	24-SEP-90ac_rev	0	0	0	0	0	0	0
48	Q330	21-OCT-90pad_ac	0	0	0	0	0	0	0

51	1002	15-OCT-89pad_ac		0						
51	1002	21-OCT-92pad42_ac		0						
51	1002	29-NOV-95pad42_ac		0						
51	1023	12-OCT-89pad_ac		0				0		0
51	1023	20-MAR-91pad_ac		0				0		0
51	1023	11-MAY-92ac_rev		0				0		0
51	1023	10-OCT-92pad42_ac		0				0		0
51	1023	07-DEC-93ac_rev		0				0		0
51	1023	18-SEP-95ac_rev		0				1		0.1
51	1023	09-FEB-96pad42_ac		0				0		0
51	1023	24-MAR-97ac_rev		0				0		0
51	1023	29-JAN-98ac_rev		0				0		0
51	1417	89-10-11 pad_ac	40.277183	0	0	125.30328	0	0	0	0
51	1417	90-05-19 pad_ac	21.887956	0	0	127.98247	18	17.233392	0	0
51	1417	18-APR-91pad_ac	0	0	0	0	0	0	0	0
51	1417	07-OCT-92pad42_ac	0	0	0	0	0	0	0	0
51	1417	06-NOV-95pad42_ac	0	0	0	44.8	0	0	0	0
51	1417	13-MAR-97ac_rev	290.4	0	0.5	148.3	0	0	0	0
51	1417	28-OCT-97ac_rev	292.1	0	0.7	148.5	0	0	0	0
51	1419	23-AUG-89ac_rev	0	0	0	34.8	2	0	0	0
51	1419	16-OCT-89pad_ac		0						0
51	1419	04-MAY-91pad_ac		0						0
51	1419	21-OCT-92pad42_ac		0						0
51	1419	29-NOV-95pad42_ac		0						0
51	1419	12-MAR-97ac_rev		0						0
51	1419	07-OCT-97ac_rev		0						0
51	1423	23-AUG-89ac_rev	55.9	0	0	37.5	0	0	0	0
51	1423	17-OCT-89pad_ac	0	0	0	0	0	0	0	0
51	1423	04-MAY-91pad_ac	0	0	0	31.190184	0	0	0	0
51	1423	21-OCT-92pad42_ac	0	0	0	114.2	1	0.3	0	0
51	1423	29-NOV-95pad42_ac	0	0	0.2	157.1	4	9	0	0
51	1464	12-OCT-89pad_ac		0						0
51	1464	23-MAY-90pad_ac		0						0
51	1464	20-MAR-91pad_ac		0						0
51	1464	08-OCT-92pad42_ac		0						0
51	1464	09-FEB-96pad42_ac		0						0
51	1464	18-MAR-96ac_rev		0						0
51	1464	22-APR-97ac_rev		0						0
51	1464	14-OCT-97ac_rev		0						0
51	2004	13-OCT-89pad_ac	0	0	0	6.251448	0	0	0	0
51	2004	19-MAR-91pad_ac	0	0	0	16.602456	5	0	0	0
51	2004	15-OCT-92pad42_ac	1.3	0	0	49.7	5	0	0	0
51	2004	07-FEB-96pad42_ac	28.9	0	0	113.1	44	0	0	0
51	2004	02-APR-98ac_rev	165.4	0	0	166.5	93	0	0	0
51	2021	15-OCT-89pad_ac		0	0	140.48841	0	0	0	0
51	2021	11-MAR-91pad_ac		0	0	158.5020962	0	2.526792	0	0
51	2021	20-OCT-92pad42_ac		0	6.3	157.8	3	3.8	0	0
51	2021	21-MAY-96ac_rev	0	0	0	0	0	0	0	0
51	A310	13-NOV-89ac_rev	0	0	0	0	0	0	0	0
51	A310	27-NOV-90ac_rev	0	0	0	0	0	0	0	0
51	A310	15-APR-91ac_rev	0	0	0	0	0	0	0	0
51	A310	11-MAY-92ac_rev	0	0	0	0	0	0	0	0
51	A310	07-DEC-93ac_rev	0	0	0	0	0	0	0	0
51	A310	19-SEP-95ac_rev	0	0	0	1.8	0	0	0	0
51	A310	25-MAR-97ac_rev	2.7	0	0	98.9	0	0	0	0
51	A320	16-NOV-89ac_rev		0						0
51	A320	27-NOV-90ac_rev		0						0
51	A320	15-APR-91ac_rev		0						0
51	A320	11-MAY-92ac_rev		0						0
51	A320	06-DEC-93ac_rev		0						0
51	A320	19-SEP-95ac_rev		0						0
51	A320	26-MAR-97ac_rev		564.2						0
51	A330	13-NOV-89ac_rev		0						0
51	A330	27-NOV-90ac_rev		0						0
51	A330	20-MAR-91pad_ac		0						0
51	A330	15-APR-91ac_rev		0						0
51	A330	11-MAY-92ac_rev		0				2		0.3
51	A330	07-DEC-93ac_rev		0				0		0
51	A330	19-SEP-95ac_rev		0				0		0
51	A330	26-MAR-97ac_rev		0				0		0
51	A340	13-NOV-89ac_rev	0	0	0	0	0	0	0	0
51	A340	27-NOV-90ac_rev	0	0	0	0	0	0	0	0
51	A340	15-APR-91ac_rev	0	0	0	0	0	0	0	0
51	A340	11-MAY-92ac_rev	0	0	0	0	0	0	0	0
51	A340	07-DEC-93ac_rev	0	0	0	0	0	0	0	0
51	A340	18-SEP-95ac_rev	2.2	0	12.3	0	0	0	0	0
51	A340	24-MAR-97ac_rev	6.3	0	12.8	0	0	0	0	0
51	A350	13-NOV-89ac_rev	0	0	2.7	0	0	0	0	0
51	A350	27-NOV-90ac_rev	0	0	0	0	0	0	0	0
51	A350	20-MAR-91pad_ac	0	0	0	0	0	0	0	0
51	A350	15-APR-91ac_rev	0	0	0	0	0	0	0	0

51	A350	11-MAY-92ac_rev	0	0	0	0	0	0	0
51	A350	06-DEC-93ac_rev	0	0	0	0	0	0	0
51	A350	19-SEP-95ac_rev	0	0	0	0	0	0	0
51	A350	25-MAR-97ac_rev	0	0	0.7	0	0	0	0
54	1640	91-05-02 pad_ac	0	0	0	99.754944	0	1	0
54	1640	92-09-29 pad42_ac	0	0	1	95.6	2	0.9	0
54	4004	24-APR-97ac_rev	0	0	0	0	0	0	0
54	7008	28-SEP-89pad_ac	0	0	0	0	0	0	0
54	7008	01-MAY-91pad_ac	0	0	0	0	0	0	0
54	7008	29-SEP-92pad42_ac	0	0	0	0	0	0	0
54	7008	19-AUG-96pad42_ac	0	0	3.4	0	0	0	0
54	7008	19-AUG-97ac_rev	0	0	0	0	0	0	0
72	1003	17-JAN-90ac_rev	0	0	0	0	0	0	0
72	1003	26-FEB-91ac_rev	49.3	0	0	0	0	0	0
72	1003	12-FEB-93ac_rev	387.7	0	0	0	0	0	0
72	1003	08-MAR-94ac_rev	426.2	0	0	0	0	0	0
72	4122	19-JAN-90ac_rev	0	0	0	0	0	0	0
72	4122	26-FEB-91ac_rev	0	0	0	0	0	0	0
72	4122	11-FEB-93ac_rev	0	0	0	0	0	0	0
72	4122	09-MAR-94ac_rev	0	0	0	0	0	0	0
81	0501	17-MAY-90pad_ac	0	0	0	0	0	0	0
81	0501	07-MAY-91ac_rev	0.8	0	3	0	0	8	0
81	0501	02-JUN-95pad42_ac	0	0	19.8	0	0	10	0
81	0501	30-AUG-95ac_rev	0	0	26	0	0	10	0
81	0501	25-JUN-97ac_rev	1.4	0	23.8	0	0	9	0
81	0502	17-MAY-90pad_ac	0	0	0	0	0	0	0
81	0502	08-MAY-91ac_rev	0	0	0	0	0	0	0
81	0502	02-JUN-95pad42_ac	1.8	0	0	0	0	0	0
81	0502	31-AUG-95ac_rev	32.5	0	0	0	0	0	0
81	0502	26-JUN-97ac_rev	149.6	0	0	0	0	0	0
81	0503	17-MAY-90pad_ac	0	0	0	0	0	0	0
81	0503	08-MAY-91ac_rev	0	0	0	0	0	0	0
81	0503	02-JUN-95pad42_ac	0	0	151.3	2	1.5	0	0
81	0503	31-AUG-95ac_rev	4.4	0	190.6	1	0.7	0	0
81	0503	26-JUN-97ac_rev	156.5	0	153.1	3	2.7	0	0
81	0504	17-MAY-90pad_ac	0	0	0	0	0	0	0
81	0504	08-MAY-91ac_rev	0	0	0	0	0	0	0
81	0504	02-JUN-95pad42_ac	0	0	156.7	1	0.5	0	0
81	0504	31-AUG-95ac_rev	0	0	190.8	1	0.5	0	0
81	0504	26-JUN-97ac_rev	11.1	0	163.8	5	9.8	0	0
81	0505	17-MAY-90pad_ac	0	0	1.591056	0	0	0	0
81	0505	07-MAY-91ac_rev	0	0	0	0	1	0.1	0
81	0505	02-JUN-95pad42_ac	0	0	36.1	1	0	0	0
81	0505	30-AUG-95ac_rev	0	0	36.5	1	1	0.4	0
81	0505	25-JUN-97ac_rev	15.4	0	62.9	65	0	0	0
81	0506	17-MAY-90pad_ac	11.263564	0	0	0	1.911096	0	0
81	0506	07-MAY-91ac_rev	0	0	0	0	0	0	0
81	0506	02-JUN-95pad42_ac	0	0	5.8	0	0	0	0
81	0506	30-AUG-95ac_rev	0	0	13.9	0	0	0	0
81	0506	25-JUN-97ac_rev	79.2	0	12.5	0	0	0	0
81	0507	17-MAY-90pad_ac	0	0	0	2.231136	0	0	0
81	0507	07-MAY-91ac_rev	0	0	0	0	1	1.4	0
81	0507	02-JUN-95pad42_ac	0	0	126.2	0	0	0	0
81	0507	30-AUG-95ac_rev	0	0	158.1	1	1	1.3	0
81	0507	25-JUN-97ac_rev	0	0	119.1	1	1	1.5	0
81	0508	17-MAY-90pad_ac	0	0	0	1.588008	1	4.133088	1
81	0508	08-MAY-91ac_rev	0	0	4.6	0	0	0	0
81	0508	02-JUN-95pad42_ac	0	0	121.2	2	2.1	0	0
81	0508	31-AUG-95ac_rev	1.2	0	156	0	0	0	0
81	0508	26-JUN-97ac_rev	16	0	122.5	3	3.6	0	0
81	0509	17-MAY-90pad_ac	0	0	0	0	0	0	0
81	0509	08-MAY-91ac_rev	0	0	0	0	0	0	0
81	0509	02-JUN-95pad42_ac	0	0	26.8	155.9	5	4.2	0
81	0509	31-AUG-95ac_rev	11.2	0	23.8	146.6	0	0	0
81	0509	26-JUN-97ac_rev	109.9	0	12.9	140.2	1	0.8	0
83	0501	19-MAY-89ac_rev	0	0	0	0	0	0	0
83	0501	25-MAY-90pad_ac	0	0	0	0	0	0	0
83	0501	20-JUN-91ac_rev	0	0	0	0	0	0	0
83	0501	21-JUL-92ac_rev	0	0	0	0	0	0	0
83	0501	11-JUN-93ac_rev	0	0	0	0	0	0	0
83	0501	09-JUN-95pad42_ac	0	0	0	0	0	0	0
83	0501	20-SEP-95ac_rev	0	0	0	0	0	0	0
83	0502	19-MAY-89ac_rev	0	0	0	7.6	1	3.7	3
83	0502	25-MAY-90pad_ac	0	0	0	16.74876	0	0	10.3
83	0502	20-JUN-91ac_rev	0	0	0	136	0	0	0
83	0502	21-JUL-92ac_rev	0	0	0	153.5	0	0	0
83	0502	10-JUN-93ac_rev	2	0	0	161.9	0	0	0
83	0502	09-JUN-95pad42_ac	0	0	0	150.5	0	0	0
83	0502	19-SEP-95ac_rev	2	0	0	140.3	0	0	0
83	0503	19-MAY-89ac_rev	42.1	0	0	52.7	3	11.1	0
83	0503	25-MAY-90pad_ac	0	0	0	0	0	0	0

83	0503	20-JUN-91ac_rev	0	0				0	0	
83	0503	21-JUL-92ac_rev	0	0				0	0	
83	0503	10-JUN-93ac_rev	0	0				0	0	
83	0503	09-JUN-95pad42_ac	0	0				0	0	
83	0503	19-SEP-95ac_rev	3.4	0				0	0	
83	0504	19-MAY-89ac_rev	6.5	0	0	0	2	5	2	3.4
83	0504	25-MAY-90pad_ac	0	0					0	0
83	0504	20-JUN-91ac_rev	0	0					0	0
83	0504	21-JUL-92ac_rev	0	0					0	0
83	0504	11-JUN-93ac_rev	0	0					0	0
83	0504	09-JUN-95pad42_ac	0	0					0	0
83	0504	20-SEP-95ac_rev	0	0					0	0
83	0505	19-MAY-89ac_rev	0	0	0	19.2	0	0	3	185
83	0505	25-MAY-90pad_ac	0	0		2.846832	3		0	0
83	0505	20-JUN-91ac_rev	0	0		59.4	3		0	0
83	0505	21-JUL-92ac_rev	0	0		108.5	3		0	0
83	0505	11-JUN-93ac_rev	0	0		160.4	3		0	0
83	0505	09-JUN-95pad42_ac	0	0		172.8	4		0	0
83	0505	20-SEP-95ac_rev	0	0		175.8	4		0	0
83	0506	22-AUG-89ac_rev	0	0	0	0	1	0	0	0
83	0506	25-MAY-90pad_ac	0	0			0	0	0	0
83	0506	20-JUN-91ac_rev	0	0			0	0	0	0
83	0506	21-JUL-92ac_rev	0	0			0	0	0	0
83	0506	10-JUN-93ac_rev	0	0			0	0	0	0
83	0506	09-JUN-95pad42_ac	0	0			1	0.7	0	0
83	0506	19-SEP-95ac_rev	0	0			0	0	0	0
83	0507	89-05-19 ac_rev	9.3	0	0	14.3	1	3.7	3	
83	0507	89-08-22 ac_rev	0	0	0	0	6	0	0	
83	0507	90-05-25 pad_ac	0	0	0	0	1	3.79476	0	0
83	0507	95-09-19 ac_rev	0	0	158.2	89.5	4	11.8	0	0
83	0508	89-05-19 ac_rev	0	0	0	9.1	1	3.7	2	
83	0508	89-08-22 ac_rev	0	0	0	0	4	0	0	
83	0508	25-MAY-90pad_ac	0	0			1	3.79476	0	0
83	0508	21-JUL-92ac_rev	0	0			1	3.8	0	0
83	0508	10-JUN-93ac_rev	0	0			1	3.5	0	0
83	0508	09-JUN-95pad42_ac	0	0			1	3.8	0	0
83	0508	19-SEP-95ac_rev	0	0			1	3.6	0	0
83	0509	22-AUG-89ac_rev	0	0	0	0	3	0	0	0
83	0509	25-MAY-90pad_ac	0	0			2	0	0	0
83	0509	21-JUL-92ac_rev	0	0			2	0	0	0
83	0509	10-JUN-93ac_rev	0	0			2	0	0	0
83	0509	09-JUN-95pad42_ac	0	0			2	0	0	0
83	0509	19-SEP-95ac_rev	0	0			2	0	0	0
83	1801	29-JUN-89pad_ac	0	0					0	0
83	1801	11-APR-90ac_rev	0	0						
83	1801	24-MAY-90pad_ac	0	0						
83	1801	21-JUN-91pad_ac	0	0						
83	1801	14-JUN-93ac_rev	0	0						
83	1801	04-FEB-94ac_rev	0	0						
83	1801	18-AUG-94ac_rev	0	0						
83	1801	11-APR-95ac_rev	0	0						
83	1801	08-JUN-95pad42_ac	0	0						
83	1801	21-JUN-95ac_rev	0	0						
83	1801	16-OCT-96ac_rev	0	0						
83	1801	18-JUN-97ac_rev	0	0						
83	1801	16-SEP-97ac_rev	0	0						
83	6450	27-JUN-89pad_ac	0	0	0	0	0	0	0	0
83	6450	25-MAY-90pad_ac	0	0	0	0	0	0	0	0
83	6450	11-JUN-93ac_rev	0	0	0	36.2	1	0.5	0	0
83	6450	09-JUN-95pad42_ac	0	0	0	131.2	10	14.9	0	0
83	6451	89-05-17 ac_rev	0	0	0	0	0	0	0	0
83	6451	89-06-27 pad_ac	0	0	0	13.840968	0	0	0	0
83	6451	25-MAY-90pad_ac	0	0	0	2.212848	0	0	0	0
83	6451	11-JUN-93ac_rev	0	0	0	100.5	1	3.5	0	0
83	6451	09-JUN-95pad42_ac	0	0	1.4	150.9	8	12.6	0	0
83	6452	27-JUN-89pad_ac	0	0	0	0	1	3.502152	0	0
83	6452	25-MAY-90pad_ac	0	0	0	3.776472	6	15.736824	0	0
83	6454	18-MAY-89ac_rev	0	0		0		0		
83	6454	28-JUN-89pad_ac	0	0		20.522184		87.453216		
83	6454	08-JUN-95pad42_ac	0	0		25.1		91.8		
83	6454	26-MAR-97ac_rev	1.7	0		14.3		95.3		
83	A310	90-04-11 ac_rev	0	0	0	0	9	0	0	0
83	A310	90-05-24 pad_ac	0	0	0	0	9	34.311336	0	0
83	A310	22-OCT-90ac_rev	0	0		0		0	0	0
83	A310	09-MAY-91ac_rev	0	0		0		0	0	0
83	A310	21-JUN-91pad_ac	0	0		0		0	0	0
83	A310	22-JUL-92ac_rev	0	0		0		0	0	0
83	A310	14-JUN-93ac_rev	0	0		0		0	0	0
83	A310	22-JUN-95ac_rev	0	0		72.2		0	0	0
83	A320	90-04-11 ac_rev	0	0	0	0	12	0	0	0
83	A320	90-05-24 pad_ac	0	0	0	0	11	41.903904	0	0

83	A320	22-OCT-90ac_rev	0	0			0	0
83	A320	09-MAY-91ac_rev	0	0			0	0
83	A320	21-JUN-91pad_ac	0	0			0	0
83	A320	22-JUL-92ac_rev	0	0			0	0
83	A320	14-JUN-93ac_rev	0	3.3			0	0
83	A320	22-JUN-95ac_rev	0	0.8			0	0
83	A330	11-APR-90ac_rev	0	0		15	0	0
83	A330	24-MAY-90pad_ac	0	0		15	0	0
83	A330	22-OCT-90ac_rev	0	0		15	0	0
83	A330	09-MAY-91ac_rev	0	0		15	0	0
83	A330	21-JUN-91pad_ac	0	0		15	0	0
83	A330	22-JUL-92ac_rev	0	0		15	0	0
83	A330	14-JUN-93ac_rev	0	0		17	0	0
83	A330	22-JUN-95ac_rev	0	0		20	1	1.4
83	A340	11-APR-90ac_rev	0	0			0	0
83	A340	24-MAY-90pad_ac	0	0			0	0
83	A340	22-OCT-90ac_rev	0	0			0	0
83	A340	09-MAY-91ac_rev	0	0			0	0
83	A340	21-JUN-91pad_ac	0	0			0	0
83	A340	22-JUL-92ac_rev	0	0			0	0
83	A340	14-JUN-93ac_rev	1.2	0			0	0
83	A340	22-JUN-95ac_rev	0.9	0			0	0
83	A350	90-04-11 ac_rev	0	3.3	0	0	24	0
83	A350	90-05-24 pad_ac	0	0	0	7.278624	24	85.139784
83	A350	22-OCT-90ac_rev	0	0	0	0	0	0
83	A350	09-MAY-91ac_rev	0	0	0.9	0	0	0
83	A350	21-JUN-91pad_ac	0	0	0	0	0	0
83	A350	22-JUL-92ac_rev	0	0	0	0	0	0
83	A350	14-JUN-93ac_rev	0	0	0	0	0	0
83	A350	22-JUN-95ac_rev	0	0	0	0	0	0
84	1684	29-AUG-90pad_ac	0	0		9	18.63852	0
84	1684	03-MAY-93pad42_ac	0	0	29.2	34	56	0
84	1684	01-AUG-95ac_rev	0	0	60.3	40	57.7	0
84	1684	24-OCT-95pad42_ac	0	0	28.4	46	67.4	0
84	1684	05-JUN-97ac_rev	0	0	0	0	0	0
84	1802	16-AUG-89pad_ac	0	0	0	0	0	0
84	1802	27-AUG-90pad_ac	0	0	0	0	0	0
84	1802	02-AUG-95ac_rev	0	0	2.7	0	8.4	0
84	1802	20-OCT-95pad42_ac	0	0	55.8	0	9.6	0
84	6804	11-AUG-89pad_ac	0	0	0	0	0	0
84	6804	19-AUG-90pad_ac	0	0	0	0	0	0
84	6804	03-MAY-93pad42_ac	0	0	0	0	0	0
84	6804	31-JUL-95ac_rev	0	0	0	0	0	0
84	6804	24-OCT-95pad42_ac	0	0	0	1	0.6	0
85	1801	16-AUG-88ac_rev	0	0	0	0	0	0
85	1801	24-JUN-90ac_rev	0	0	0	0	0	0
85	1801	15-AUG-94ac_rev	0	0	4.4	15.8	1	0.4
85	1803	17-AUG-88ac_rev	0	0	0	3.4	1	3.7
85	1803	27-JUN-90ac_rev	0	0	0	3.4	1	3.7
85	1803	17-AUG-94ac_rev	2.1	0	0	12.4	4	9.8
85	1808	17-AUG-88ac_rev	0	0	0	0	0	0
85	1808	27-JUN-90ac_rev	0	0	0	0	0	0
85	1808	17-AUG-94ac_rev	0	0	0	0	0	0
86	6802	15-AUG-89pad_ac	3.1308324	0	0	2	2.889504	0
86	6802	27-AUG-90pad_ac	3.51638	0	0	5	8.10768	0
86	6802	04-MAY-93pad42_ac	5.4	0	0	19	20.2	6
86	6802	23-OCT-95pad42_ac	8.6	0	0	18	26.9	11
86	6802	09-JUN-97ac_rev	14.3	0	0	32	21.3	11
87	1620	24-AUG-89pad_ac	0	0	0	0	64.849248	0
87	1620	26-JUL-90pad_ac	0	0	0	0	75.94092	0
87	1620	27-JUL-90pad_ac	0	0	0	0	69.2658	0
87	1620	12-SEP-91pad_ac	0	0	0	0	96.399096	0
87	1620	22-APR-92ac_rev	108.1	2.3	1.5	0	96.7	0
87	1620	01-JUN-93pad42_ac	0	0	3	0	1.2	0
87	1620	16-JUL-96pad42_ac	0	0	0.8	221.7	21	38.8
87	1620	22-SEP-97ac_rev	0	0	2	167.2	27	41.7
87	1622	24-AUG-89pad_ac	0	0	0	0	73.401936	0
87	1622	26-JUL-90pad_ac	0	0	0	0	77.583792	0
87	1622	11-SEP-91pad_ac	0	0	0	0	68.058792	0
87	1622	01-JUN-93pad42_ac	0	0	0	0	104.3	0
87	1622	22-SEP-93ac_rev	0	0	0	0	81.8	0
87	1622	17-MAY-94ac_rev	0	0	0	0	89.2	0
87	1622	09-AUG-94ac_rev	0	0	0	0	86	0
87	1622	04-MAY-95ac_rev	0	0	0	0	88.7	0
87	1622	25-SEP-95ac_rev	0	0	0	0	93.3	0
87	1622	15-JUL-96pad42_ac	0	0	0	0	107.1	0
87	1622	11-SEP-96ac_rev	0	0	0	0	91.6	0
87	1622	22-MAY-97ac_rev	0	0	0	0	105	105.4
87	1622	25-SEP-97ac_rev	0	0	0	0	59	93.2
87	1680	24-AUG-89pad_ac	0	0	0	0	0	0
87	1680	31-JUL-90pad_ac	0	0	0	0	0	0

87	1680	15-JUL-96	pad42_ac			0			0	0	0
87	1680	05-SEP-96	ac_rev			0			0	0	0
87	1680	21-MAY-97	ac_rev			0			0	0	0
87	1806	24-AUG-89	pad_ac	0	0	0			0	0	0
87	1806	26-JUL-90	pad_ac	0	0	0			0	0	0
87	1806	01-JUN-93	pad42_ac	24.1	587.1	0			0	0	0
87	1806	95-09-27	ac_rev	0	0	0	0	0	0	0	0
87	1806	96-07-15	pad42_ac	0	0	0	182.1	0	0	0	0
87	2811	25-JUL-90	pad_ac	0	0	0			0	0	0
87	2811	12-JUL-96	pad42_ac	0	0	1.9			0	0	0
87	2811	29-MAY-97	ac_rev	130.1	0	0			0	0	0
87	2812	31-AUG-89	pad_ac	0	0	0			0	0	0
87	2812	26-JUL-90	pad_ac	0	0	0			0	0	0
87	2812	12-JUL-96	pad42_ac	0	0	0			3	0.3	
87	2812	28-MAY-97	ac_rev	231.2	0	0			23	4.8	
87	A320	08-MAY-90	ac_rev		0				0	0	
87	A320	26-JUL-90	pad_ac		0				0	0	
87	A320	03-OCT-90	ac_rev		0				0	0	
87	A320	23-MAY-91	ac_rev		0				0	0	
87	A320	12-SEP-91	pad_ac		0				0	0	
87	A320	22-APR-92	ac_rev		0				0	0	
87	A330	08-MAY-90	ac_rev					29	0	0	
87	A330	26-JUL-90	pad_ac					91	0	0	
87	A330	03-OCT-90	ac_rev					59	0	0	
87	A330	23-MAY-91	ac_rev					106	0	0	
87	A330	12-SEP-91	pad_ac					82	0	0	
87	A330	22-APR-92	ac_rev					72	0	0	
87	A340	08-MAY-90	ac_rev						0	0	
87	A340	26-JUL-90	pad_ac						0	0	
87	A340	03-OCT-90	ac_rev						0	0	
87	A340	23-MAY-91	ac_rev						0	0	
87	A340	12-SEP-91	pad_ac						0	0	
87	A340	22-APR-92	ac_rev						0	0	
87	A350	08-MAY-90	ac_rev		0				0	0	
87	A350	26-JUL-90	pad_ac		0				0	0	
87	A350	03-OCT-90	ac_rev		0				0	0	
87	A350	23-MAY-91	ac_rev		0				0	0	
87	A350	12-SEP-91	pad_ac		0				0	0	
87	A350	23-APR-92	ac_rev		0				0	0	
87	B310	90-05-09	ac_rev	0	0	17.1	40.3	13	48.5	0	0
87	B310	90-07-26	pad_ac	0	0	0	149.1996	27	60.8076	0	0
87	B310	01-OCT-90	ac_rev	0	0			0	0	0	
87	B310	22-MAY-91	ac_rev	0	0			14	0	0	
87	B310	11-SEP-91	pad_ac	0	0			12	0	0	
87	B310	22-SEP-93	ac_rev	0	0			18	0	0	
87	B310	25-SEP-95	ac_rev	0	0			22	0	0	
87	B310	23-SEP-97	ac_rev	10.9	0			22	0	0	
87	B320	09-MAY-90	ac_rev	0	0				0	0	
87	B320	26-JUL-90	pad_ac	0	0				0	0	
87	B320	01-OCT-90	ac_rev	0	0				0	0	
87	B320	22-MAY-91	ac_rev	0	0				0	0	
87	B320	11-SEP-91	pad_ac	0	0				0	0	
87	B320	22-SEP-93	ac_rev	18.4	0				0	0	
87	B320	25-SEP-95	ac_rev	19.4	0				0	0	
87	B320	23-SEP-97	ac_rev	23.8	0				0	0	
87	B330	09-MAY-90	ac_rev	0	0				0	0	
87	B330	26-JUL-90	pad_ac	0	0				0	0	
87	B330	01-OCT-90	ac_rev	0	0				0	0	
87	B330	22-MAY-91	ac_rev	0	0				0	0	
87	B330	11-SEP-91	pad_ac	0	0				0	0	
87	B330	22-SEP-93	ac_rev	21	0				0	0	
87	B330	25-SEP-95	ac_rev	22.2	0				0	0	
87	B330	23-SEP-97	ac_rev	35.1	0				0	0	
87	B340	09-MAY-90	ac_rev						39.9	0	0
87	B340	26-JUL-90	pad_ac						54.89448	0	0
87	B340	02-OCT-90	ac_rev						50.6	0	0
87	B340	22-MAY-91	ac_rev						58.5	0	0
87	B340	11-SEP-91	pad_ac						55.863744	0	0
87	B340	21-SEP-93	ac_rev						66	0	0
87	B340	25-SEP-95	ac_rev						90.5	0	0
87	B340	24-SEP-97	ac_rev						62.2	1	0.2
88	1645	16-AUG-89	pad_ac	0	0	0	0	0	0	0	0
88	1645	09-MAY-93	pad42_ac	0	0	0	0	0	0	0	0
88	1645	21-OCT-95	pad42_ac	0	0	0	0	0	0	0	0
88	1645	10-JUN-97	ac_rev	0	0	22.5	0	1	0.4	0	0
88	1646	16-AUG-89	pad_ac	0	0	0	0	0	0	0	0
88	1646	09-MAY-93	pad42_ac	0	0	0	0	18	16	0	0
88	1646	21-OCT-95	pad42_ac	0	0	0	0	39	25.3	0	0
88	1646	10-JUN-97	ac_rev	82.4	0	0	0	77	33.7	0	0
88	1647	16-AUG-89	pad_ac	0	0	0	48.277272	0	0	0	0
88	1647	28-AUG-90	pad_ac	0	0	0	74.362056	1	0	0	0

88	1647	09-MAY-93pad42_ac	1.6	0		120.9	3		0	0
88	1647	21-OCT-95pad42_ac	3.7	0		154.8	11		0	0
88	1647	11-JUN-97ac_rev	110.6	0		152.7	29		0	0
89	1021	14-AUG-90pad_ac							0	0
89	1021	19-SEP-91pad_ac							0	0
89	1021	07-MAY-92ac_rev							0	0
89	1021	17-MAY-93pad42_ac							2	0.4
89	1021	27-SEP-93ac_rev							0	0
89	1021	14-JUN-95ac_rev							1	0.2
89	1021	31-OCT-95ac_rev	0	0	0	0	0	0	0	0
89	1125	14-AUG-90pad_ac							0	0
89	1125	17-MAY-93pad42_ac							0	0
89	1125	18-OCT-95pad42_ac							0	0
89	1125	30-APR-96ac_rev		157.4					0	0
89	1125	10-SEP-96ac_rev	0	0	0	0	0	0	0	0
89	1127	22-AUG-89pad_ac	0	0	0		11		0	0
89	1127	14-AUG-90pad_ac	0	0	0		20		0	0
89	1127	15-AUG-90pad_ac	0	0	0		18		0	0
89	1127	17-MAY-93pad42_ac	0.3	0	0.9		68		0	0
89	1127	03-JUN-94ac_rev	3.2	9.6	4		64		0	0
89	1127	94-10-06 ac_rev	0	0	0	0	0	0	0	0
89	1127	95-10-18 pad42_ac	0	0	0	0	7	17.8	0	0
89	2011	18-AUG-89pad_ac	0	0					0	0
89	2011	11-AUG-90pad_ac	0	0					0	0
89	2011	18-MAY-93pad42_ac	4.5	0					0	0
89	2011	16-OCT-95pad42_ac	39.1	0					0	0
89	2011	12-SEP-96ac_rev	73.7	0					0	0
89	A310	16-MAY-90ac_rev	0	8.4	124.1	0	17	38.1	0	0
89	A310	15-OCT-90ac_rev	0	0	0			0	0	0
89	A310	28-MAY-91ac_rev	0	0	25.6			56.6	0	0
89	A310	07-MAY-92ac_rev	4.2	0	35.7			67.1	0	0
89	A310	27-SEP-93ac_rev	7.6	0	45.4			77	0	0
89	A310	14-JUN-95ac_rev	9.7	34.5	55			84.4	0	0
89	A330	16-MAY-90ac_rev					21	45.4	0	0
89	A330	14-AUG-90pad_ac					25	53.739288	0	0
89	A330	15-OCT-90ac_rev					25	50.9	0	0
89	A330	28-MAY-91ac_rev					42	82.3	0	0
89	A330	19-SEP-91pad_ac					31	78.626208	0	0
89	A330	07-MAY-92ac_rev					42	91.5	0	0
89	A330	27-SEP-93ac_rev					48	97	1	0.1
89	A330	15-JUN-95ac_rev					67	142	0	0
89	A340	16-MAY-90ac_rev					22	48.5	0	0
89	A340	14-AUG-90pad_ac					37	67.004184	0	0
89	A340	15-OCT-90ac_rev					40	70.7	0	0
89	A340	28-MAY-91ac_rev					55	90.3	0	0
89	A340	19-SEP-91pad_ac					37	98.962464	0	0
89	A340	07-MAY-92ac_rev					37	85.3	0	0
89	A340	30-SEP-93ac_rev					54	100.2	0	0
89	A340	15-JUN-95ac_rev					66	109.2	0	0
89	A350	16-MAY-90ac_rev						44.2	0	0
89	A350	14-AUG-90pad_ac						51.928776	0	0
89	A350	15-OCT-90ac_rev						0	0	0
89	A350	28-MAY-91ac_rev						56	0	0
89	A350	19-SEP-91pad_ac						50.71872	0	0
89	A350	07-MAY-92ac_rev						63.7	0	0
89	A350	30-SEP-93ac_rev						69.8	0	0
89	A350	15-JUN-95ac_rev						80.3	0	0
90	6400	13-SEP-88ac_rev	0	0		0				
90	6400	01-JUL-89pad_ac	0	0		124.17247				
90	6400	22-MAY-90pad_ac	0	0		131.03352				
90	6400	10-JUN-93pad42_ac	1.1	0		126.6				
90	6400	17-AUG-94ac_rev	0	0		120				
90	6400	07-JUN-95pad42_ac	0.5	0		148.2				
90	6405	04-JUL-89pad_ac								
90	6405	05-SEP-89ac_rev								
90	6405	16-MAY-90pad_ac								
90	6405	08-MAY-91ac_rev								
90	6405	23-JUN-91pad_ac								
90	6405	11-JUN-93pad42_ac								
90	6405	16-AUG-94ac_rev								
90	6405	10-APR-95ac_rev								
90	6405	06-JUN-95pad42_ac								
90	6405	23-JUN-95ac_rev								
90	6405	18-OCT-96ac_rev								
90	6405	13-JUN-97ac_rev								
90	6405	19-SEP-97ac_rev								
90	6410	89-05-08 ac_rev	0	0	0	0	11	0	0	0
90	6410	89-07-04 pad_ac	0	0	0	5.949696	11	41.019984	0	0
90	6410	16-MAY-90pad_ac	0	0	0	6.638544				0
90	6410	11-JUN-93pad42_ac	0	0	3.5	12.2				5.4
90	6410	15-AUG-94ac_rev	0	0	0	17				4.4

90	6410	06-JUN-95pad42_ac	0	0	4	21.8				6.8
90	6412	04-JUL-89pad_ac	0	0	0	15.0114	18	41.28516	1	0.66704382
90	6412	16-MAY-90pad_ac	0	0	0				0	0
90	6412	11-JUN-93pad42_ac	0	0	0				0	0
90	6412	15-AUG-94ac_rev	0	0	0				0	0
90	6412	06-JUN-95pad42_ac	0	0	0				0	0
90	6420	07-MAY-91ac_rev								
90	6420	22-MAY-92ac_rev								
90	6420	15-JUN-93ac_rev								
90	6420	08-OCT-93ac_rev								
90	6420	07-JUN-95pad42_ac								
90	6420	28-SEP-95ac_rev								
90	6801	14-SEP-88ac_rev	0	0		0				
90	6801	01-JUL-89pad_ac	0	0		87.215472				
90	6801	22-MAY-90pad_ac	0	0		112.6114				
90	6801	10-JUN-93pad42_ac	0	0		151.9				
90	6801	17-AUG-94ac_rev	0	0		116.5				
90	6801	07-JUN-95pad42_ac	0	0		179.3				
90	A310	22-MAY-90pad_ac	0	0	0	33.250632	50	161.8183140		0
90	A310	07-MAY-91ac_rev	0	0			33	107	0	0
90	A310	21-JUN-91pad_ac	0	0			28	83.68284	0	0
90	A310	23-JUL-92ac_rev	2	0			35	122.7	0	0
90	A310	15-JUN-93ac_rev	0.5	0			41	126	0	0
90	A310	08-OCT-93ac_rev	0	0			37	114	0	0
90	A310	28-SEP-95ac_rev	0	111.3			31	101	0	0
90	A320	22-MAY-90pad_ac	0	0	0	96.402144	41	140.0190220		0
90	A320	28-SEP-90ac_rev							0	0
90	A320	07-MAY-91ac_rev							0	0
90	A320	21-JUN-91pad_ac							0	0
90	A320	23-JUL-92ac_rev							0	0
90	A320	15-JUN-93ac_rev							0	0
90	A320	08-OCT-93ac_rev							0	0
90	A320	28-SEP-95ac_rev		564.3					0	0
90	A330	22-MAY-90pad_ac								
90	A330	28-SEP-90ac_rev								
90	A330	07-MAY-91ac_rev								
90	A330	21-JUN-91pad_ac								
90	A330	23-JUL-92ac_rev								
90	A330	15-JUN-93ac_rev								
90	A350	22-MAY-90pad_ac	0	0	0	69.28104	51	160.0748620		0
90	A350	28-SEP-90ac_rev	0	0			46		0	0
90	A350	07-MAY-91ac_rev	0	0			43		0	0
90	A350	21-JUN-91pad_ac	0	0			39		0	0
90	A350	22-MAY-92ac_rev	0	0			45		0	0
90	A350	23-JUL-92ac_rev	0	0			46		0	0
90	A350	15-JUN-93ac_rev	0	0			48		1	0
90	A350	08-OCT-93ac_rev	0	0			53		1	0
90	A350	28-SEP-95ac_rev	0	0			49		1	0
90	B310	16-MAY-90pad_ac	0	0	0	137.26668	17	66.580512	0	0
90	B310	08-MAY-91ac_rev	0	0		0	17	59.4	0	0
90	B310	23-JUN-91pad_ac	0	0		0	16	58.707528	0	0
90	B310	24-JUL-92ac_rev	0	0		149.4	15	54.5	0	0
90	B310	16-JUN-93ac_rev	0	0		149.5	18	60	0	0
90	B310	25-SEP-95ac_rev	0	0		247.6	19	65.6	0	0
90	B320	16-MAY-90pad_ac	0	0	0	158.35579	26	88.95588	0	0
90	B320	24-OCT-90ac_rev					26	89	0	0
90	B320	08-MAY-91ac_rev					37	101.6	0	0
90	B320	23-JUN-91pad_ac					32	95.749872	0	0
90	B320	24-JUL-92ac_rev					30	89.9	0	0
90	B320	16-JUN-93ac_rev					38	93	0	0
90	B320	25-SEP-95ac_rev					48	136.1	0	0
90	B330	16-MAY-90pad_ac	0	0			38	128.8206640		0
90	B330	24-OCT-90ac_rev	0	0			35	116.4	0	0
90	B330	08-MAY-91ac_rev	0	0			43	129.8	0	0
90	B330	23-JUN-91pad_ac	0	0			38	137.08075	0	0
90	B330	24-JUL-92ac_rev	0	0			59	163.5	0	0
90	B330	16-JUN-93ac_rev	0	0			69	163.3	0	0
90	B330	25-SEP-95ac_rev	2	0			51	154.5	0	0
90	B340	24-OCT-90ac_rev				13.1			0	0
90	B340	08-MAY-91ac_rev				149.8			0	0
90	B340	23-JUN-91pad_ac				153.408884			0	0
90	B340	24-JUL-92ac_rev				123.4			0	0
90	B340	16-JUN-93ac_rev				277.5			0	0
90	B340	25-SEP-95ac_rev				234.6			2	152.7
90	B350	16-MAY-90pad_ac	0	0	0	158.96844	28	84.700872	0	0
90	B350	24-OCT-90ac_rev	0	0				77.2	0	0
90	B350	08-MAY-91ac_rev	0	0				112.9	0	0
90	B350	23-JUN-91pad_ac	0	0				119.5486560		0
90	B350	24-JUL-92ac_rev	0	0				161.6	0	0
90	B350	16-JUN-93ac_rev	0	0				176.5	0	0
90	B350	25-SEP-95ac_rev	0	0				134.6	0	0

APPENDIX D. JC CONSOLIDATED DATA SET

St	SHRP	Survey	Type	Crnr	Brk	Long	Trans,N	Trans,L	Rig	Pat,A	Rig	Pat,N	Flx	Pat,A	Flx	Pat,N
01	3028	23-MAY-89	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	3028	11-APR-90	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	3028	19-SEP-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	3028	30-MAR-93	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	3028	03-JAN-96	pad42_ac	0		0	0	0	1.3	1	0	0	0	0	0	0
01	3028	02-DEC-97	jpcc	0		0	1	3.7	0	0	0	0	0	0	0	0
01	4007	23-MAY-89	pad_ac	0		0	0	0	0	0	0	0.096619161	0	0	0	0
01	4007	11-APR-90	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	4007	19-SEP-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	4007	30-MAR-93	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	4007	03-JAN-96	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	4007	02-DEC-97	jpcc	0		0	0	0	12.4	1	0	0	0	0	0	0
01	4084	23-MAY-89	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	4084	15-APR-90	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	4084	19-SEP-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	4084	30-MAR-93	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
01	4084	03-JAN-96	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
01	4084	01-DEC-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0213	20-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0213	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0213	04-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0214	27-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0214	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0214	03-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	27-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	25-AUG-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	13-NOV-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	12-FEB-96	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	08-APR-96	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	22-JUL-96	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	21-AUG-96	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	04-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	20-JAN-98	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0215	24-APR-98	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0216	22-MAR-95	pad42_ac	0		1.2	0	0	0	0	0	0	0	0	0	0
04	0216	04-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0217	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0217	04-NOV-97	jpcc	0		11	5	11.6	0	0	0	0	0	0	0	0
04	0218	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0218	03-NOV-97	jpcc	0		9	4	6	0	0	0	0	0	0	0	0
04	0219	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0219	04-NOV-97	jpcc	0		1.7	0	0	0	0	0	0	0	0	0	0
04	0220	27-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0220	22-MAR-95	pad42_ac	0		1.3	0	0	0	0	0	0	0	0	0	0
04	0220	03-NOV-97	jpcc	0		1.3	2	1.5	0	0	0	0	0	0	0	0
04	0221	28-FEB-95	jpcc	0		0	0	0	1	7	0	0	0	0	0	0
04	0221	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0221	04-NOV-97	jpcc	0		8	0	0	0	0	0	0	0	0	0	0
04	0222	27-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0222	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0222	03-NOV-97	jpcc	0		1.8	0	0	0	0	0	0	0	0	0	0
04	0223	28-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0223	22-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0223	04-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0224	27-FEB-95	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0224	30-MAR-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
04	0224	04-NOV-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
04	0601	21-NOV-89	pad_ac	0		52.779168	20	66.449448	0	0	0	0	0	0	0	0
04	0601	26-SEP-91	jpcc	5		68.5	20	45.7	0	0	0	19.9	0	47	0	0
04	0602	21-NOV-89	pad_ac	0		31.254192	22	71.667624	0	0	0	0	0	0	0	0
04	0602	25-SEP-91	jpcc	8		46.9	33	85.3	17.1	90	0	0.3	0	2	0	0
04	0605	21-NOV-89	pad_ac									0	0	0	0	0
04	0605	12-APR-91	jpcc									0	0	0	0	0
04	0605	25-SEP-91	jpcc									2.6	0	9	0	0
05	3011	14-NOV-89	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
05	3011	27-FEB-91	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
05	3011	10-SEP-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
05	3011	30-NOV-94	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
05	3011	05-DEC-95	pad42_ac	0		0	0	0	0	0	0	0	0	0	0	0
05	3011	06-AUG-97	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
05	3059	15-MAR-89	pad_ac	0		0	0	0	0	0	0	0.097548191	0	0	0	0
05	3059	11-MAR-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
05	3059	19-MAR-91	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
05	3059	09-SEP-91	jpcc	0		0	0	0	0	0	0	0	0	0	0	0
05	3059	29-OCT-91	pad_ac	0		0	0	0	0	0	0	0	0	0	0	0
05	3059	06-DEC-94	jpcc	0		0	0	0	0	0	0	0.3	0	1	0	0

05	3059	19-APR-96pad42_ac	0			0	0	0	0
05	3059	07-AUG-97jpcc	0			0	0	0	0
05	3073	14-NOV-89pad_ac	0	0		0	0		
05	3073	27-FEB-91pad_ac	0	0		0	0		
05	3073	10-SEP-91jpcc	2	0		0	0		
05	3073	28-NOV-94jpcc	1	0		0	0		
05	3073	06-DEC-95pad42_ac	1	0		0	0		
05	3073	09-JUN-97jpcc	0	0		0	0		
05	3074	06-JUN-89pad_ac	0	0		0	0	0	0
05	3074	27-FEB-91pad_ac	0	4.13004		0	0	0	0
05	3074	11-SEP-91jpcc	0	0		0	0	0	0
05	3074	02-DEC-94jpcc	0	0		0	0	0	0
05	3074	07-DEC-95pad42_ac	0	0		0	0	0	0
05	3074	11-JUN-97jpcc	0	1.3		0	0	0	0
05	4019	16-NOV-89pad_ac	0		0	0	0	0.191380261	
05	4019	13-MAR-91jpcc	0		0	0	0	0	0
05	4019	11-SEP-91jpcc	0		0	0	0	0	0
05	4019	15-JAN-92pad_ac	0		0	0	0	0	0
05	4019	05-DEC-94jpcc	0		0	0	0	0	0
05	4019	07-DEC-95pad42_ac	0		0	0	0	0	0
05	4019	05-AUG-97jpcc	0		0	0	0	0	0
05	4021	14-NOV-89pad_ac	0	0		0	0	0	0
05	4021	27-FEB-91pad_ac	0	0		0	0	0	0
05	4021	15-MAY-91jpcc	1	0		0	0	0	0
05	4021	10-SEP-91jpcc	0	0		0	0	0	0
05	4021	14-JAN-92pad_ac	0	0		0	0	0	0
05	4021	05-DEC-95pad42_ac	0	1.1		0	0	0	0
05	4023	14-NOV-89pad_ac	0	0		2	0	0	0
05	4023	27-FEB-91pad_ac	0	0		2	0	0	0
05	4023	10-SEP-91jpcc	0	0		2	0	0	0
05	4023	30-NOV-94jpcc	2	0.8		2	0	0	0
05	4023	05-DEC-95pad42_ac	0	1.9		3	0	0	0
05	4023	06-AUG-97jpcc	2	0.3		2	0	0	0
05	4046	07-JUN-89pad_ac	0	0		0	0	0	0
05	4046	27-FEB-91pad_ac	0	0		0	0	0	0
05	4046	10-SEP-91jpcc	0	4.3		0	0	0	0
05	4046	01-DEC-94jpcc	2	2.9		0	0	0	0
05	4046	05-DEC-95pad42_ac	0	1.4		0	0	0	0
05	4046	11-JUN-97jpcc	0	0.7		14.4	2	0	0
05	A410	30-APR-91jpcc	0		1	2.4	0	0	0
05	A410	10-SEP-91jpcc	0		0	0	0	0	0
05	A410	14-JAN-92pad_ac	0		0	0	0	0	0
05	A410	30-NOV-94jpcc	0		0	0	0	0	0
05	A410	07-APR-98jpcc	0		1	2.6	0	0	0
05	A430	10-SEP-91jpcc	0	0		0	0	0	0
05	A430	14-JAN-92pad_ac	0	0		0	0	0	0
05	A430	29-NOV-94jpcc	0	0		0	0	0	0
05	A430	07-APR-98jpcc	0	0		0	0	0	0
05	A601	13-SEP-96jpcc	0	166.5		0	0	1.8	6
05	A601	02-OCT-97jpcc	0	156.9		10.4	7	1	3
05	A602	12-SEP-96jpcc	0	489.9		0	0	6	17
05	A602	02-OCT-97jpcc	0	396.2		0	98.9	67	0
05	A605	12-SEP-96jpcc	0	486.3		0	0	3.1	13
05	A605	02-OCT-97jpcc	0	384.5		1	0.4	84.9	55
05	B410	13-MAR-91jpcc	0		0	0	0	0	0
05	B410	11-SEP-91jpcc	0		0	0	0	0	0
05	B410	15-JAN-92pad_ac	0		0	0	0	0	0
05	B410	05-DEC-94jpcc	1		0	0	0	0	0
05	B410	05-AUG-97jpcc	0		0	0	0	0	0
05	B430	13-MAR-91jpcc	0	0		0	0	0	0
05	B430	11-SEP-91jpcc	0	0		0	0	0	0
05	B430	15-JAN-92pad_ac	0	0		0	0	0	0
05	B430	05-DEC-94jpcc	1	3.4		0	0	0	0
05	B430	05-AUG-97jpcc	0	0		0	0	0	0
05	C410	11-MAR-91jpcc	0	0		0	0	0	0
05	C410	19-MAR-91pad_ac	0	0		0	0	0	0
05	C410	09-SEP-91jpcc	0	0.6		0	0	0	0
05	C410	29-OCT-91pad_ac	0	0		0	0	0	0
05	C410	06-DEC-94jpcc	0	0.8		0	0	0	0
05	C410	07-AUG-97jpcc	0	1		0	0	0	0
05	C430	11-MAR-91jpcc	0	0		2	3.7	0	0
05	C430	19-MAR-91pad_ac	0	0		0	0	0	0
05	C430	09-SEP-91jpcc	0	0		0	0	0	0
05	C430	29-OCT-91pad_ac	0	0		0	0	0	0
05	C430	06-DEC-94jpcc	0	0		1	1.5	0	0
05	C430	07-AUG-97jpcc	0	0		0	0	0	0
08	0213	23-APR-96jpcc	0	0		0	0	0	0
08	0213	03-MAY-96pad42_ac	0	2.6		1	1	0	0
08	0214	23-APR-96jpcc	0	0		0	0	0	0
08	0214	03-MAY-96pad42_ac	0	0		0	0	0	0
08	0215	24-APR-96jpcc	0	0		0	0	0	0

08	0215	03-MAY-96pad42_ac	0	3.2	0	0	0	0	0	0
08	0216	23-APR-96jpcc	0	0	0	0	0	0	0	0
08	0216	03-MAY-96pad42_ac	0	1.8	0	0	0	0	0	0
08	0217	24-APR-96jpcc	0	0	1	1	0.2	2	0	0
08	0217	03-MAY-96pad42_ac	0	1	2	0.6	0	0	0	0
08	0218	24-APR-96jpcc	0	0	1	3.7	0	0	0	0
08	0218	03-MAY-96pad42_ac	0	0	2	5	0	0	0	0
08	0219	24-APR-96jpcc	0	0	0	0	0	0	0	0
08	0219	03-MAY-96pad42_ac	1	2.4	1	1.3	0	0	0	0
08	0220	25-APR-96jpcc	0	0	0	0	0	0	0	0
08	0220	03-MAY-96pad42_ac	0	1.2	0	0	0	0	0	0
08	0221	26-APR-96jpcc	0	0	0	0	0	0	0	0
08	0221	03-MAY-96pad42_ac	0	0	0	0	0	0	0	0
08	0222	26-APR-96jpcc	0	0	0	0	0	0	0	0
08	0222	03-MAY-96pad42_ac	0	0	0	0	0	0	0	0
08	0223	24-APR-96jpcc	0	0	0	0	0	0	0	0
08	0223	26-APR-96jpcc	0	0	0	0	0	0	0	0
08	0223	03-MAY-96pad42_ac	0	0	2	1.5	0	0	0	0
08	0224	25-APR-96jpcc	0	0	0	0	0	0	0	0
08	0224	03-MAY-96pad42_ac	0	0	0	0	0	0	0	0
08	0811	30-APR-96jpcc	0	0	0	0	10	85	0	0
08	0811	07-MAY-96pad42_ac	0	3.1	0	0	0	0	0	0
08	0812	07-MAY-96pad42_ac	0	9.6	9	22.6	0	0	0	0
08	0812	30-SEP-96jpcc	0	0	0	0	0.5	2	0	0
09	4008	31-JUL-89pad_ac	0	0	0	0	0	0	0	0
09	4008	04-SEP-90pad_ac	0	0	0	0	0	0	0	0
09	4008	29-SEP-92pad42_ac	0	0	0	0	0	0	0	0
09	4008	20-JUN-95jpcc	0	0	0	0	0	0	0	0
09	4008	30-OCT-95pad42_ac	0	0	0	0	0	0	0	0
09	4008	31-MAR-98jpcc	0	0	0	0	0	0	0	0
09	4020	31-JUL-89pad_ac	1	0	0	0	0	0	0.382760522	
09	4020	04-SEP-90pad_ac	1	0	0	0	0	0	1.0433011	2
10	0202	08-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0202	30-JUN-97jpcc	0	0	0	0	0	0	0	0
10	0203	08-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0203	01-JUL-97jpcc	0	0	0	0	0	0	0	0
10	0204	06-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0204	23-JUN-97jpcc	0	0	0	0	0	0	0	0
10	0205	08-MAY-96jpcc	0	0	0	0	125.5	17	0	0
10	0205	26-JUN-97jpcc	0	15.1	4	14.8	100.3	14	0	0
10	0206	08-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0206	30-JUN-97jpcc	0	0	0	0	0	0	0	0
10	0207	08-MAY-96jpcc	0	26.2	0	0	0	0	0	0
10	0207	01-JUL-97jpcc	0	44.6	0	0	0	0	0	0
10	0208	08-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0208	24-JUN-97jpcc	0	0	0	0	0	0	0	0
10	0209	08-MAY-96jpcc	0	0	0	0	19.9	4	0	0
10	0209	25-JUN-97jpcc	0	0	0	0	19.8	5	0	0
10	0210	08-MAY-96jpcc	0	0	0	0	15.1	2	0	0
10	0210	24-JUN-97jpcc	0	0	0	0	17.2	2	0	0
10	0212	08-MAY-96jpcc	0	0	0	0	0	0	0	0
10	0212	24-JUN-97jpcc	0	0	0	0	0	0	0	0
10	1201	05-OCT-89pad_ac	0	0	1	0	0	0	0.1895222	1
10	1201	21-MAR-91pad_ac	0	0	1	0	0	0	0	0
10	1201	06-OCT-92pad42_ac	0	1.9	10	0	0	0	0	0
10	1201	06-NOV-95pad42_ac	0	1.7	15	0	0	0	0	0
10	4002	05-OCT-89pad_ac	0	0	0	0	0	0	0	0
10	4002	21-MAR-91pad_ac	1	0	0	0	0	0	0	0
10	4002	06-OCT-92pad42_ac	0	0	0	0	0	0	0	0
10	4002	01-DEC-94jpcc	0	0	0	0	0	0	0	0
12	3804	03-MAY-89pad_ac	0	0	0	0	0	0	0	0
12	3804	29-JAN-91pad_ac	0	0	0	0	0	0	0	0
12	3804	17-JUL-91jpcc	0	0	0	0	0	0	0	0
12	3804	30-SEP-91jpcc	0	0	0	0	0	0	0	0
12	3804	17-JAN-96pad42_ac	0	0	0	0	0	0	0	0
12	3811	28-APR-89pad_ac	0	0	9	0	0	0	0.096619161	
12	3811	07-JAN-91pad_ac	0	0	12	0	0	0	0	0
12	3811	03-OCT-91jpcc	0	3.6	14	0	0	0	0	0
12	3811	31-AUG-94jpcc	0	2.5	16	0	0	0	0	0
12	3811	16-JAN-96pad42_ac	0	0.9	16	0	0	0	0	0
12	3811	04-MAR-97jpcc	0	2.2	17	0	0	0	0	0
12	4000	13-APR-89pad_ac	1	0	0	0	0	0	0	0
12	4000	09-DEC-89pad_ac	1	0	0	0	0	0	0	0
12	4000	08-FEB-91pad_ac	1	0	0	0	0	0	0	0
12	4000	31-JUL-91jpcc	0	0	0	0	0	0	0	0
12	4000	05-OCT-91jpcc	0	0	0	0	0	0	0	0
12	4000	09-MAR-93jpcc	0	0	0	0	0	0	0	0
12	4000	22-JAN-96pad42_ac	0	0	0	0	0	0	0	0
12	4000	21-APR-97jpcc	0	0.9	0	0	0	0	0	0
12	4057	14-DEC-89pad_ac	0	0	0	0	0	0	0	0
12	4057	29-JAN-91pad_ac	0	0	0	0	0	0	0	0

12	4057	17-JUL-91jpcc	0	0	0	0	0	0	0	0
12	4057	30-SEP-91jpcc	0	0	0	0	0	0	0	0
12	4057	17-JAN-96pad42_ac	0	0	1	1.9	0	0	0	0
12	4059	09-DEC-89pad_ac	0	0	0	0	0	0	0	0
12	4059	08-FEB-91pad_ac	0	0	0	0	0	0	0	0
12	4059	15-OCT-91jpcc	0	0	0	0	0	0	0	0
12	4059	10-MAR-93jpcc	0	0	0	0	0	0	0	0
12	4059	22-JAN-96pad42_ac	0	0.8	1	0.6	0	0	0	0
12	4059	18-APR-97jpcc	0	0	0	0	0	0	0	0
12	4109	02-DEC-89pad_ac	0	0	0	0	0	0	0	0
12	4109	08-FEB-91pad_ac	0	0	0	0	0	0	0	0
12	4109	19-JUL-91jpcc	0	0	0	0	0	0	0	0
12	4109	05-OCT-91jpcc	0	0	0	0	0	0	0	0
12	4109	10-MAR-93jpcc	0	0	0	0	0	0	0	0
12	4109	22-JAN-96pad42_ac	0	0	0	0	0	0	0	0
12	4109	18-APR-97jpcc	0	0	0	0	0	0	0	0
12	4138	13-APR-89pad_ac					0	0	0	0
12	4138	08-FEB-91pad_ac					0	0	0	0
12	4138	01-AUG-91jpcc					51.3	1	0	0
12	4138	05-OCT-91jpcc					51.3	1	0	0
12	4138	09-MAR-93jpcc					44.6	1	0	0
12	4138	22-JAN-96pad42_ac					82.4	6	0	0
12	4138	21-APR-97jpcc					83.8	6	1.2	3
13	3007	28-MAR-89pad_ac	0	0	0	0	0	0	0	0
13	3007	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13	3007	12-APR-91jpcc	0	0	0	0	0	0	0	0
13	3007	23-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3007	24-OCT-94jpcc	0	0	0	0	0	0	0	0
13	3007	13-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3007	15-MAY-97jpcc	0	0	0	0	0	0	0	0
13	3011	08-MAY-89pad_ac	0	0	0	0	0	0	0	0
13	3011	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13	3011	24-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3011	28-OCT-94jpcc	1	0	0	0	0	0	0	0
13	3011	25-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3011	23-APR-97jpcc	0	0	0	0	0	0	0	0
13	3015	08-MAY-89pad_ac	0	0	0	0	0	0	0	0
13	3015	10-FEB-91pad_ac	0	0	0	0	0	0	0	0
13	3015	10-APR-91jpcc	0	0	0	0	0	0	0	0
13	3015	24-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3015	28-OCT-94jpcc	0	0	0	0	0	0	0	0
13	3015	25-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3015	23-APR-97jpcc	0	0	0	0	0	0	0	0
13	3016	29-MAR-89pad_ac	0	0	0	0	0	0	0	0
13	3016	12-FEB-91pad_ac	0	0	1	0.630936	0	0	0	0
13	3016	23-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3016	26-OCT-94jpcc	0	3.1	0	0	0	0	0	0
13	3016	10-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3017	17-MAR-89pad_ac	0	0	0	0	0	0	0	0
13	3017	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13	3017	10-APR-91jpcc	0	0	0	0	0	0	0	0
13	3017	24-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3017	25-OCT-94jpcc	0	0	0	0	0	0	0	0
13	3017	27-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3017	14-MAY-97jpcc	0	1.3	0	0	0	0	0	0
13	3018	17-MAR-89pad_ac	0	0	0	0	0	0	0	0
13	3018	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13	3018	10-APR-91jpcc	0	0	0	0	0	0	0	0
13	3018	24-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3018	25-OCT-94jpcc	0	0	1	0.6	0	0	0	0
13	3018	27-JAN-96pad42_ac	0	0	0	0	0	0	0	0
13	3018	14-MAY-97jpcc	0	0	1	0.7	0	0	0	0
13	3019	27-MAR-89pad_ac	0	0	0	0	0.190451231	0	0	0
13	3019	04-MAR-91pad_ac	0	0	0	0	0	0	0	0
13	3019	11-APR-91jpcc	0	0	0	0	0	0	0	0
13	3019	24-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3019	14-JUL-92jpcc	0	0	0	0	0.2	2	0	0
13	3019	14-JAN-93jpcc	0	0	0	0	0.2	2	0	0
13	3019	25-OCT-94jpcc	0	0	0	0	0	0	0	0
13	3019	01-AUG-95jpcc	0	0	0	0	0	0	0	0
13	3019	13-JAN-96pad42_ac	0	2	4	0	0	0	0	0
13	3019	24-APR-96jpcc	0	0	0	0	0	0	0	0
13	3019	16-OCT-96jpcc	0	0	0	0	0	0	0	0
13	3020	16-DEC-89pad_ac	0	0	0	0	0	0	0	0
13	3020	16-JAN-91pad_ac	0	0	0	0	0	0	0	0
13	3020	08-APR-91jpcc	0	0	0	0	0	0	0	0
13	3020	08-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3020	25-SEP-91jpcc	0	0	0	0	0	0	0	0
13	3020	06-JAN-93jpcc	0	0	0	0	0	0	0	0
13	3020	25-OCT-94jpcc	0	0	0	0	0	0	0	0
13	3020	15-JAN-96pad42_ac	0	0	0	0	0	0	0	0

13	3020	24-APR-97jpcc	0	0	0	0	0	0	0	0
17	4074	02-AUG-88jpcc	0	0	0	0	0	0	0	0
17	4074	25-JUN-89pad_ac	0	0	0	33.028128	0	0	0	0
17	4074	07-JUN-91pad_ac	0	0	0	45.860208	0	0	0	0
17	4074	29-APR-93pad42_ac	0	0	0	46.3	0	0	0	0
17	4074	03-JUL-96pad42_ac	0	0	0	46.4	0	0	0	0
17	4082	13-JUL-88jpcc	0	0	0	0	0	0	0	0
17	4082	23-JUN-89pad_ac	0	0	0	0	0	0	0	0
17	4082	07-MAY-91jpcc	0	0	0	0	0	0	0	0
17	4082	13-MAY-91pad_ac	0	0	0	0	0	0	0	0
17	4082	18-DEC-91pad_ac	0	0	0	0	0	0	0	0
17	4082	15-NOV-93pad42_ac	0	0	0	0	0	0	0	0
17	4082	25-MAR-96pad42_ac	0	0	0	0	0	0	0	0
18	3002	30-NOV-88jpcc	0	0	0	0	0	0	0	0
18	3002	28-JUN-89pad_ac	0	0	0	0	0	0	0	0
18	3002	04-NOV-92pad42_ac	0	0	0	0	0	0	0	0
18	3002	14-JUN-95jpcc	0	0	0	0	0	0	0	0
18	3002	26-JAN-96jpcc	1	0	0	0	0	0	0	0
18	3002	16-MAR-96pad42_ac	0	0	4	3.7	0	0	0	0
18	3003	15-JUL-88jpcc	0	0	0	0	0	0	0	0
18	3003	28-JUN-89pad_ac	0	0	0	0	0	0	0	0
18	3003	13-OCT-90pad_ac	0	0	0	0	0	0	0	0
18	3003	02-MAY-91jpcc	0	0	0	0	0	0	0	0
18	3003	28-APR-92pad_ac	0	0	1	3.447288	0	0	0	0
18	3030	15-JUL-88jpcc	0	0	0	0	0	0	0	0
18	3030	25-SEP-89pad_ac	0	0	0	0	0	0	0	0
18	3030	05-NOV-92pad42_ac	0	0	3	5.1	0	0	0	0
18	3030	22-JUL-94jpcc	0	0	0	0	0	0	0	0
18	3030	15-MAR-96pad42_ac	0	0	7	12.3	0	0	0	0
18	3031	26-JUL-88jpcc	0	0	0	0	0	0	0	0
18	3031	28-JUN-89pad_ac	0	0	0	0	0	0	0	0
18	3031	01-MAY-91jpcc	0	0	0	0	0	0	0	0
18	3031	09-MAY-91pad_ac	0	0	0	0	0	0	0	0
18	3031	06-OCT-92pad42_ac	0	0	3	4.1	0	0	0	0
18	3031	17-MAR-93jpcc	0	0	0	0	0	0	0	0
18	3031	16-JUN-95jpcc	0	0	0	0	0	0	0	0
18	3031	23-MAR-96pad42_ac	0	4.4	11	23.3	0	0	0	0
18	4021	13-JUL-88jpcc	2	0	0	0	0	0	0	0
18	4021	25-SEP-89pad_ac	0	0	0	0	0	0	0	0
18	4021	03-NOV-92pad42_ac	0	0	0	0	0	0	0.2	1
18	4021	26-JUL-94jpcc	0	0	0	0	0	0	0.6	2
18	4021	16-MAR-96pad42_ac	0	0	0	0	0	0	0.2	1
18	4042	26-JUL-88jpcc	0	0	2	0	0	0	0	0
18	4042	22-JUN-89pad_ac	0	0	1	4.757928	0	0	0	0
18	4042	09-MAY-91pad_ac	0	0	1	4.172712	0	0	0	0
18	4042	05-OCT-92pad42_ac	0	0	1	3.8	0	0	0	0
18	4042	23-MAR-96pad42_ac	0	0	1	4.1	0	0	0	0
18	9020	30-NOV-88jpcc	0	0	0	0	0	0	0	0
18	9020	25-SEP-89pad_ac	0	0	0	0	0	0	0	0
18	9020	10-FEB-92pad_ac	0	0	0	0	0	0	0	0
18	9020	05-NOV-92pad42_ac	0	1.8	1	3.7	0	0	0	0
18	9020	25-JUL-94jpcc	0	0	1	3.6	0	0	0	0
18	9020	15-MAR-96pad42_ac	0	0	1	3.8	0	0	0	0
18	A410	01-MAY-91jpcc	0	0	0	0	0	0	0	0
18	A410	15-MAR-93jpcc	0	0	0	0	0	0	0	0
18	A410	15-JUN-95jpcc	0	0	0	0	0	0	0	0
18	A430	01-MAY-91jpcc	0	0	0	0	0	0	0	0
18	A430	15-MAR-93jpcc	0	0	0	0	0	0	0	0
18	A430	15-JUN-95jpcc	0	0	0	0	0	0	0	0
19	0213	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0213	02-APR-96pad42_ac	0	3.3	0	0	0	0	0	0
19	0213	29-APR-97jpcc	0	2.6	0	0	0	0	0	0
19	0214	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0214	02-APR-96pad42_ac	0	0	3	11	0	0	0	0
19	0215	17-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0215	02-APR-96pad42_ac	0	0	1	3.8	0	0	0	0
19	0215	18-JUN-97jpcc	0	0	0	0	0	0	0	0
19	0216	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0216	02-APR-96pad42_ac	0	0	1	3.8	0	0	0	0
19	0216	18-JUN-97jpcc	0	0	0	0	0	0	0	0
19	0217	17-OCT-94jpcc	0	0	1	0	0	0	0	0
19	0217	02-APR-96pad42_ac	0	0	2	0	0	0	0	0
19	0217	28-APR-97jpcc	0	0	2	0	0	0	0	0
19	0218	17-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0218	02-APR-96pad42_ac	0	0	0	0	0	0	0	0
19	0218	17-JUN-97jpcc	0	0	1	0.3	0	0	0	0
19	0219	17-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0219	02-APR-96pad42_ac	0	0	2	4.5	0	0	0	0
19	0219	17-JUN-97jpcc	0	0	0	0	0	0	0	0
19	0220	17-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0220	02-APR-96pad42_ac	0	0	1	0.8	0	0	0	0

19	0220	17-JUN-97jpcc	0	0	0	0	0	0	0	0
19	0221	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0221	02-APR-96pad42_ac	0	0	0	0	0	0	0	0
19	0221	29-APR-97jpcc	0	0	0	0	0	0	0	0
19	0222	18-OCT-94jpcc	0	0	0	0	0.2	2	0	0
19	0222	02-APR-96pad42_ac	0	0	0	0	0	0	0	0
19	0223	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0223	02-APR-96pad42_ac	0	0	2	3.6	0	0	0	0
19	0224	18-OCT-94jpcc	0	0	0	0	0	0	0	0
19	0224	02-APR-96pad42_ac	0	0	0	0	0	0	0	0
19	3006	28-JUL-88jpcc	0	0	2	0	0	0	0	0
19	3006	22-SEP-89pad_ac	0	0	3	12.152376	0	0	0	0
19	3006	19-MAY-91pad_ac	1	0	3	12.271248	0	0	0	0
19	3006	25-APR-93pad42_ac	0	1.1	4	15.6	0	0	0	0
19	3006	27-MAR-96pad42_ac	0	1.2	5	19.3	0	0	0	0
19	3009	27-JUL-88jpcc	0	0	0	0	0	0	0	0
19	3009	21-SEP-89pad_ac	0	0	0	0	0	0	0	0
19	3009	17-JUN-90pad_ac	0	0	0	0	0	0	0	0
19	3009	04-NOV-91pad_ac	0	0	0	0	0	0	0	0
19	3009	26-APR-93pad42_ac	0	0	0	0	0	0	0	0
19	3009	21-SEP-93jpcc	0	0	0	0	0	0	0	0
19	3009	27-MAR-96pad42_ac	0	0	0	0	0	0	0	0
19	3028	27-JUL-88jpcc	0	0	0	0	0	0	0	0
19	3028	21-SEP-89pad_ac	0	0	0	0	0	0	0	0
19	3028	15-JUN-90pad_ac	0	0	0	0	0	0	0	0
19	3028	22-APR-93pad42_ac	0	0	0	0	0	0	0	0
19	3028	28-MAR-96pad42_ac	0	0	0	0	0	0	0	0
19	3033	27-JUL-88jpcc	0	0	0	0	0	0	0	0
19	3033	21-SEP-89pad_ac	0	0	0	0	0	0	0	0
19	3033	15-JUN-90pad_ac	0	0	0	0	0	0	0	0
19	3033	22-APR-93pad42_ac	0	0	0	0	0	0	0	0
19	3033	28-MAR-96pad42_ac	0	0	0	0	0	0	0	0
19	3055	20-JUL-88jpcc	0	0	0	0	0	0	0	0
19	3055	14-JUN-89pad_ac	0	0	0	0	0	0	0	0
19	3055	01-JUN-90pad_ac	0	0	0	0	0	0	0	0
19	3055	03-NOV-91pad_ac	0	0	0	0	0	0	0	0
19	3055	20-APR-93pad42_ac	0	0	0	0	0	0	0	0
19	3055	14-SEP-93jpcc	0	0	0	0	0	0	0	0
19	3055	02-APR-96pad42_ac	0	0	0	0	0	0	0	0
19	A410	03-NOV-91pad_ac	0	0	0	0	0	0	0	0
19	A410	15-SEP-93jpcc	0	0	0	0	0	0	0	0
19	B410	04-NOV-91pad_ac	0	0.64008	1	3.837432	0	0	0	0
19	B410	22-SEP-93jpcc	0	0	2	7.4	0	0	0	0
19	B430	04-NOV-91pad_ac	0	0	0	0	0	0	0	0
19	B430	22-SEP-93jpcc	0	0	1	1	0	0	0	0
20	0201	06-APR-93jpcc	0	0	0	0	0	0	0	0
20	0201	09-APR-96pad42_ac	0	2.1	1	1.3	0	0	0	0
20	0201	27-MAY-97jpcc	0	8.4	7	3.2	0	19.9	5	0
20	0202	07-APR-93jpcc	0	0	0	0	0	0	0	0
20	0202	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0202	27-MAY-97jpcc	0	11.1	4	0.6	0	0	0	0
20	0203	05-APR-93jpcc	0	0	0	0	0	0	0	0
20	0203	09-APR-96pad42_ac	0	1.4	0	0	0	0	0	0
20	0203	28-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0204	06-APR-93jpcc	0	0	0	0	0	0	0	0
20	0204	09-APR-96pad42_ac	0	0	0	0	0.4	2	0	0
20	0204	27-MAY-97jpcc	0	0	0	0	0	0	0.5	2
20	0205	08-APR-93jpcc	0	0	0	0	0	0	0	0
20	0205	09-APR-96pad42_ac	0	0.8	0	0	0	0	0	0
20	0205	27-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0206	07-APR-93jpcc	0	0	0	0	0	0	0	0
20	0206	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0206	28-MAY-97jpcc	0	1.9	0	0	0	0	0	0
20	0207	08-APR-93jpcc	0	0	0	0	0	0	0	0
20	0207	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0207	28-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0208	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0208	27-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0209	14-APR-93jpcc	0	0	0	0	0	0	0	0
20	0209	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0209	30-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0210	13-APR-93jpcc	0	0	0	0	0	0	0	0
20	0210	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0210	30-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0211	13-APR-93jpcc	0	0	0	0	0	0	0	0
20	0211	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0211	29-MAY-97jpcc	0	0	0	0	0	0	0	0
20	0212	09-APR-93jpcc	0	0	0	0	0	0	0	0
20	0212	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	0212	29-MAY-97jpcc	0	0	0	0	0	0	0	0
20	3013	23-AUG-88jpcc	0	0	0	0	0	0	0	0

20	3013	09-MAR-89pad_ac	0	0	1	2.901696	0	0	0	0
20	3013	07-NOV-90pad_ac	0	0	1	3.770376	0	0	0	0
20	3013	04-APR-93pad42_ac	0	0	1	2.6	0	0	0	0
20	3013	08-SEP-94jpcc	0	0	0	0	0	0	0	0
20	3013	09-APR-96pad42_ac	0	0	1	2.9	0	0	0	0
20	3015	25-AUG-88jpcc	0	0	0	0	0	0	0	0
20	3015	10-JAN-90pad_ac	0	0	0	0	0	0	0	0
20	3015	10-DEC-90pad_ac	0	0	0	0	0	0	0	0
20	3015	11-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	3015	24-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	3060	23-AUG-88jpcc	0	0	0	0	0	0	0	0
20	3060	09-MAR-89pad_ac	0	0	0	0	0	0	0	0
20	3060	07-NOV-90pad_ac	0	0	0	0	0	0	0	0
20	3060	04-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	3060	07-SEP-94jpcc	0	0	0	0	0	0	0	0
20	3060	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	4016	15-MAR-89jpcc	0	0	0	0	0	0	0	0
20	4016	04-MAY-89pad_ac	0	0	0	0	0	0	0	0
20	4016	05-DEC-90pad_ac	0	0	0	0	0	0	0	0
20	4016	01-MAY-91jpcc	0	0	0	0	0	0	0	0
20	4016	15-DEC-91pad_ac	0	0	0	0	0	0	0	0
20	4016	05-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	4016	27-APR-93jpcc	1	2.5	0	0	0	0	0	0
20	4016	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	4052	01-MAR-89jpcc	0	0	0	0	0	0	0	0
20	4052	09-MAY-89pad_ac	0	0	0	0	0	0	0	0
20	4052	29-NOV-90pad_ac	0	0	0	0	0	0	0	0
20	4052	04-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	4052	16-APR-93jpcc	0	0	0	0	0	0	0	0
20	4052	16-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	4053	16-MAR-89jpcc	0	0	0	0	1	0	0	0
20	4053	04-MAY-89pad_ac	0	0	0	16.547592	0	0	0	0
20	4053	07-NOV-90pad_ac	0	0	0	30.958536	0	0	0	0
20	4053	04-APR-93pad42_ac	0	0	0	34	0	0	0	0
20	4053	15-APR-96pad42_ac	0	0	0	42.5	0	0	0	0
20	4054	24-AUG-88jpcc	0	0	0	0	0	0	0	0
20	4054	04-MAY-89pad_ac	0	0	0	0	0	0	0	0
20	4054	05-DEC-90pad_ac	0	0	0	0	0	0	0	0
20	4054	05-NOV-91pad_ac	0	0	0	0	0	0	0	0
20	4054	05-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	4054	24-JAN-96jpcc	0	0	0	0	0	0	0	0
20	4054	09-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	4054	06-NOV-97jpcc	0	0	0	0	0	0	0.2	1
20	4063	16-MAR-89jpcc	0	0	0	0	0	0	0	0
20	4063	04-MAY-89pad_ac	0	0	0	0	0	0	0	0
20	4063	07-NOV-90pad_ac	0	0	0	0	0	0	0	0
20	4063	04-APR-93pad42_ac	0	0	0	0	0	0	0	0
20	4063	15-APR-96pad42_ac	0	0	0	0	0	0	0	0
20	4067	15-MAR-89jpcc	0	0	0	0	0	0	0	0
20	4067	02-MAY-89pad_ac	0	0	0	174.13224	0.106838491	0	0.214606021	0
20	4067	10-DEC-90pad_ac	0	0	0	262.9296240	0	0	0	0
20	9037	23-AUG-88jpcc	2.4	0	0	0	0	0	0	0
20	9037	10-MAR-89pad_ac	20.54352	0	0	0	0	0	0	0
20	9037	05-DEC-90pad_ac	38.261544	0	0	0	0	0	0	0
20	9037	05-APR-93pad42_ac	34.6	0	0	17.1	1	0	0	0
20	9037	12-MAY-94jpcc	40.1	0	0	16.5	1	0	0	0
20	9037	14-JUN-94pad42_ac	35	0	0	17.8	1	0	0	0
20	A410	30-APR-91jpcc	0	0	17	62.2	0	0	0	0
20	A410	05-NOV-91pad_ac	0	0	19	68.256912	0	0	0	0
20	B410	01-MAY-91jpcc	0	0	0	0	0	0	0	0
20	B410	15-DEC-91pad_ac	0	0	0	0	0	0	0	0
20	B410	27-APR-93jpcc	0	0	0	0	0	0	0	0
20	B410	09-NOV-95jpcc	0	0	0	0	0	0	0	0
20	B430	27-APR-93jpcc	0	6.5	23	64.4	0	0	0	0
20	B430	09-NOV-95jpcc	0	7.4	20	69	0	0	0	0
21	3016	16-NOV-88jpcc	0	0	0	0	0	0	0	0
21	3016	05-NOV-89pad_ac	0	0	0	0	0	0	0	0
21	3016	18-APR-91jpcc	0	0	0	0	0	0	0	0
21	3016	09-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	3016	01-OCT-92pad42_ac	0	0	0	0	0	0	0	0
21	3016	12-MAR-93jpcc	0	0	0	0	0	0	0.7	4
21	3016	22-MAR-96pad42_ac	0	0	0	0	0	0	0	0
21	3016	02-FEB-98jpcc	0	0	0	0	0	0	0	0
21	4025	15-NOV-88jpcc	0	0	19	0.5	2	0	0	0
21	4025	26-OCT-89pad_ac	0	0	21	0	0	0	1.234681392	0
21	4025	08-MAY-91pad_ac	0	0	26	0.098477221	0	0	1.1835847	3
21	4025	01-OCT-92pad42_ac	0	0	33	0	0	0	2.1	5
21	A410	18-APR-91jpcc	0	0	0	0	0	0	0	0
21	A410	09-MAY-91pad_ac	1	0	0	0	0	0	0	0
21	A410	10-MAR-93jpcc	1	0	0	0	0	0	0	0
21	A410	02-FEB-98jpcc	1	0.1	0	0	0	0	0	0

21	A430	18-APR-91jpcc	0	0	0	0	0	0	0	0
21	A430	09-MAY-91pad_ac	0	0	0	0	0	0	0	0
21	A430	10-MAR-93jpcc	0	0	0	0	0	0	0	0
21	A430	02-FEB-98jpcc	0	0	0	0	0	0	0	0
22	4001	26-MAY-89pad_ac	0	0	0	0	0	0	0	0
22	4001	14-JAN-91pad_ac	0	0	0	0	0	0	0	0
22	4001	04-NOV-91jpcc	0	0	0	0	0	0	0	0
22	4001	19-MAR-93pad42_ac	0	0	0	0	0	0	0	0
22	4001	11-JUL-94jpcc	0	3.7	0	0	0	0	0	0
22	4001	08-JAN-96pad42_ac	0	0	0	0	0	0	0	0
23	3013	10-AUG-89pad_ac	0	0	0	0	0	0	0	0
23	3013	28-APR-93pad42_ac	0	0	0	0	0	0	0	0
23	3013	17-AUG-95jpcc	0	0	0	0	0	0	0.1	1
23	3013	26-OCT-95pad42_ac	0	0	0	0	0	0	0	0
23	3014	10-AUG-89pad_ac	0	0	0	0	0	0	0	0
23	3014	28-APR-93pad42_ac	0	0	0	0	0	0	0	0
23	3014	13-OCT-94jpcc	0	0	0	0	0	0	0	0
23	3014	17-AUG-95jpcc	0	0	0	0	0	0	0	0
23	3014	26-OCT-95pad42_ac	0	0	0	0	0	0	0	0
26	0213	29-NOV-94jpcc	0	0	0	0	0	0	0	0
26	0213	22-MAY-95jpcc	0	0	0	0	0	0	0	0
26	0213	22-MAY-97jpcc	0	0	0	0	0	0	0	0
26	0214	19-NOV-93jpcc	1	0	0	0	0	0	0	0
26	0214	06-DEC-94jpcc	1	0	0	0	0	0	0	0
26	0214	06-JUN-95jpcc	0	0	0	0	0	0	0	0
26	0214	08-JUN-95pad42_ac	0	0	1	3.9	0	0	0	0
26	0215	16-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0215	02-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0215	05-JUN-95jpcc	0	0	0	0	0	0	0	0
26	0215	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0216	01-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0216	23-MAY-95jpcc	0	0	0	0	0	0	0	0
26	0217	16-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0217	29-NOV-94jpcc	0	0	0	0	0	0	0	0
26	0217	22-MAY-95jpcc	0	0	0	0	0	0	0	0
26	0217	18-JUN-95pad42_ac	0	1.3	0	0	0	0	0	0
26	0217	21-MAY-97jpcc	0	5.8	0	0	0	0	0	0
26	0218	19-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0218	06-DEC-94jpcc	0	0	11	38.3	0	0	0	0
26	0218	07-JUN-95jpcc	0	0	12	37.7	0	0	0	0
26	0218	18-JUN-95pad42_ac	0	0	13	44.1	0	0	0	0
26	0219	19-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0219	06-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0219	07-JUN-95jpcc	0	0	0	0	0	0	0	0
26	0219	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0220	16-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0220	01-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0220	23-MAY-95jpcc	0	0	0	0	0	0	0	0
26	0220	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0221	30-NOV-94jpcc	0	0	0	0	0	0	0	0
26	0221	23-MAY-95jpcc	0	0	0	0	0	0	0	0
26	0221	22-MAY-97jpcc	0	0	0	0	0	0	0	0
26	0222	18-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0222	02-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0222	05-JUN-95jpcc	0	0	0	0	0	0	0	0
26	0222	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0223	18-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0223	02-DEC-94jpcc	0	0	0	0	0	0	0	0
26	0223	05-JUN-95jpcc	0	0	0	0	0	0	0	0
26	0223	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0224	16-NOV-93jpcc	0	0	0	0	0	0	0	0
26	0224	30-NOV-94jpcc	0	0	0	0	0	0	0	0
26	0224	23-MAY-95jpcc	0	0	0	0	0.1	2	0	0
26	0224	18-JUN-95pad42_ac	0	0	0	0	0	0	0	0
26	0601	26-AUG-92jpcc	0	0	0	30.5	5	2.3	7	0
26	0601	03-JUN-93jpcc	0	0	0	33.7	5	2.2	7	0
26	0601	16-JUN-95pad42_ac	0	0	0	33.6	7	3.8	9	0
26	3068	18-JUL-88jpcc	0	0	0	0	0	0	0	0
26	3068	07-SEP-89pad_ac	0	0	0	0	0	16.598985345	0	0
26	3068	21-JUL-90pad_ac	0	0	0	0	0	28.650368	45	0
26	3069	18-JUL-88jpcc	0	0	0	0	0	0	0	0
26	3069	07-SEP-89pad_ac	0	0	0	0	0	0	0	0
26	3069	21-JUL-90pad_ac	0	0	0	0	0	0	0	0
26	3069	09-JUN-93pad42_ac	0	0	1	0.7	0	0	0	0
26	3069	05-JUL-96pad42_ac	0	15.3	4	9.4	0	0	0.7	2
26	4015	12-JUL-88jpcc	0	0	0	0	0	0	0	0
26	4015	31-AUG-89pad_ac	0	0	0	0	0	0	0	0
26	4015	24-JUL-90pad_ac	0	0	0	0	0	0	0	0
26	4015	02-JUN-93pad42_ac	0	0	0	0	0	0	0	0
26	4015	02-NOV-93jpcc	0	0	0	0	0	0	0	0
26	4015	08-JUL-96pad42_ac	0	0	6	13.8	0	0	0	0

26	9029	13-JUL-88jpcc	0	0	0	0	0	0	0	0
26	9029	26-SEP-89pad_ac	0	0	0	0	0	0	0	0
26	9029	23-JUL-90pad_ac	0	0	0	0	0	0	0	0
26	9029	10-JUN-93pad42_ac	0	0	0	0	0	0	0	0
26	9029	04-NOV-93jpcc	0	0	0	0	0	0	0	0
26	9029	08-JUL-96pad42_ac	0	2.4	4	8.3	0	0	0	0
26	9030	12-JUL-88jpcc	0	0	0	0	0	0	0	0
26	9030	31-AUG-89pad_ac	0	1.56972	0	0	0	0	0.287070392	0
26	9030	18-JUL-90pad_ac	0	0	0	9.150096	0	0	0	0
26	9030	02-JUN-93pad42_ac	0	2	0	15.1	0	0	0	0
26	9030	01-NOV-93jpcc	0	0	0	27.9	0	0	0	0
26	9030	16-JUN-95pad42_ac	0	2.2	0	61.8	0	0	0	0
27	3003	20-SEP-88jpcc	0	0	0	0	0	0	0	0
27	3003	19-MAY-89pad_ac	0	0	0	0	0	0	0	0
27	3003	14-NOV-90pad_ac	0	0	0	0	0	0	0	0
27	3003	10-MAY-93pad42_ac	0	0	0	0	0	0	0	0
27	3003	21-JUN-96pad42_ac	0	0	0	0	0	0	0	0
27	3005	15-JUN-94jpcc	0	0	0	0	0	0	0	0
27	3005	24-JUN-96pad42_ac	0	0	0	0	0	0	0	0
27	3007	15-JUN-94jpcc	0	0	0	0	0	0	0	0
27	3007	24-JUN-96pad42_ac	0	2.9	0	0	0	0	0	0
27	3010	14-JUN-94jpcc	0	0	0	0	0	0	0	0
27	3010	24-JUN-96pad42_ac	0	0	1	7.4	0	0	0	0
27	3012	14-JUN-94jpcc	0	0	0	0	0	0	0	0
27	3012	24-JUN-96pad42_ac	0	0	5	6.1	2.3	4	0	0
27	3013	13-OCT-88jpcc	0	0	0	0	0	0	0	0
27	3013	09-JUN-89pad_ac	0	0	0	0	0	0	0	0
27	3013	01-NOV-90pad_ac	0	0	0	0	0	0	0	0
27	3013	18-MAY-93pad42_ac	0	0	0	0	0	0	0	0
27	3013	25-JUN-96pad42_ac	0	0	0	0	0	0	0	0
27	4033	25-APR-89jpcc	0	0	0	0	0	0	0	0
27	4033	09-JUN-89pad_ac	0	0	1	0	0	0	0	0
27	4033	13-NOV-90pad_ac	0	0	1	0	0	0	0	0
27	4033	11-MAY-93pad42_ac	0	0.4	1	0	0	0	0	0
27	4033	06-OCT-94jpcc	0	1.4	2	0	0	0	0	0
27	4033	21-JUN-96pad42_ac	0	2.4	2	0	0	0	0	0
27	4034	13-OCT-88jpcc	0	0	0	0	0	0	0	0
27	4034	19-JUN-89pad_ac	0	0	0	0	0	0	0	0
27	4034	13-NOV-90pad_ac	0	0	0	0	0	0	0	0
27	4034	18-MAY-93pad42_ac	0	0.2	0	0	0	0	0	0
27	4034	25-JUN-96pad42_ac	0	0	1	3.8	2.5	9	0	0
27	4037	06-OCT-88jpcc	0	0	0	0	0	0	0	0
27	4037	09-JUN-89pad_ac	0	0	0	0	0	0	0	0
27	4037	29-OCT-90pad_ac	0	0	0	0	0	0	0	0
27	4037	16-SEP-93pad42_ac	0	0	0	0	0	0	0	0
27	4037	07-JUL-94jpcc	0	0	0	0	0	0	0	0
27	4037	21-JUN-96pad42_ac	0	0	0	0	0	0	0	0
27	4040	08-SEP-88jpcc	0	0	0	0	0	0	0	0
27	4040	22-JUN-89pad_ac	0	0	0	0	0	0	0	0
27	4040	22-OCT-90pad_ac	0	0	0	0	0	0	0	0
27	4040	02-JUN-93pad42_ac	0	0	0	0	0	0	0	0
27	4040	28-JUL-93jpcc	0	0	0	0	0	0	0	0
27	4040	17-FEB-94jpcc	0	0	0	0	0	0	0	0
27	4040	25-AUG-94jpcc	0	0	0	0	0	0	0	0
27	4040	31-MAR-95jpcc	0	0	0	0	0	0	0	0
27	4040	14-JUN-95pad42_ac	0	2.8	1	0.4	0	0	0	0
27	4040	09-OCT-96jpcc	0	0	0	0	0	0	0	0
27	4040	09-JUN-97jpcc	0	0	0	0	0	0	0	0
27	4040	09-SEP-97jpcc	0	0	0	0	0	0	0	0
27	4050	07-SEP-88jpcc	0	0	0	0	0	0	0	0
27	4050	22-OCT-90pad_ac	0	0	0	0	0	0	0	0
27	4050	03-JUN-93pad42_ac	0	0	0	0	0	0	0	0
27	4050	13-JUN-95pad42_ac	0	0	4	8.5	0.1	1	0	0
27	4054	21-SEP-88jpcc	0	0	0	0	0	0	0	0
27	4054	14-SEP-89pad_ac	0	0.94488	0	0	0	0	1.0572365	2
27	4054	19-FEB-92pad_ac	0	0	0	0	0	0	0.9689787	2
27	4054	07-MAY-93pad42_ac	0	0	1	1.3	0.8	3	0.2	2
27	4054	09-JUL-96pad42_ac	0	1.3	1	1.5	0.9	3	0.4	1
27	4055	28-SEP-88jpcc	0	0	0	0	0	0	0	0
27	4055	20-JUN-89pad_ac	0	0	0	0	0.096619161	0	0	0
27	4055	30-OCT-90pad_ac	0	0	0	0	0	0	0	0
27	4055	02-JUN-93pad42_ac	0	0	0	0	0.8	3	0	0
27	4055	20-JUN-96pad42_ac	0	0	0	0	0.7	2	0.2	1
27	4082	09-MAY-89jpcc	0	0	0	0	0	0	0	0
27	4082	15-JUN-89pad_ac	0	0	1	4.105656	0	0	15.983038920	0
27	4082	14-NOV-90pad_ac	0	0	1	3.806952	0	0	31.434672323	0
27	6300	17-JUL-89jpcc	0	0	0	0	0	0	0	0
27	6300	15-SEP-89pad_ac	0	0	0	0	0	0	0	0
27	6300	14-NOV-90pad_ac	0	0	0	0	0	0	0.387405671	0
27	6300	21-SEP-93pad42_ac	0	0	2	1.6	0	0	0.4	2
27	6300	03-APR-96pad42_ac	0	3.9	2	1.7	0	0	1.1	2

27	9075	20-SEP-88jpcc	0	0	0	0	0	0	0
27	9075	19-MAY-89pad_ac	0	0	0	0	0	0	0
27	9075	14-NOV-90pad_ac	0	0	0	0	0	0	0
27	9075	10-MAY-93pad42_ac	0	0	1	0.8	0	0	0
27	9075	21-JUN-96pad42_ac	0	0.2	3	4.5	0	0.1	1
28	3018	06-JUN-89pad_ac	0	0	0	0	0	0	0
28	3018	03-MAR-91pad_ac	0	0	0	0	0	0	0
28	3018	04-MAR-91jpcc	0	0	0	0	0	0	0
28	3018	01-NOV-91jpcc	0	0	0	0	0	0	0
28	3018	14-JUL-93jpcc	0	0	0	0	0	0	0
28	3018	14-NOV-95jpcc	0	0	0	0	0	0	0
28	3018	14-DEC-95pad42_ac	0	2.9	1	0.7	0	0	0
28	3019	06-JUN-89pad_ac	0	0	0	0	0	0	0
28	3019	03-MAR-91pad_ac	0	49.350168	0	0	0	0	0
28	3019	04-MAR-91jpcc	1	81.4	0	0	0	0	0
28	3019	01-NOV-91jpcc	1	81.4	0	0	0	0	0
28	3019	14-JUL-93jpcc	1	52	0	0	0	0	0
28	3019	30-NOV-95jpcc	2	72.8	0	0	0	0	0
28	3019	09-DEC-95pad42_ac	0	81.7	0	0	0	0	0
28	4024	16-NOV-89pad_ac	0	0	0	0	0	0	0
28	4024	04-JUN-90pad_ac	0	0	0	0	0	0	0
28	4024	06-MAR-91jpcc	0	0	0	0	0	0	0
28	4024	14-MAY-91jpcc	0	0	0	0	0	0	0
28	4024	11-SEP-91jpcc	0	0	0	0	0	0	0
28	4024	13-APR-92pad_ac	1	0	0	0	0	0	0
28	4024	15-JUL-93jpcc	0	0	0	0	0	0	0
28	4024	14-DEC-95pad42_ac	0	0	1	3.7	0	0	0
28	7012	15-JUL-93jpcc	0	0	0	0	0	0	0
28	7012	07-JAN-96pad42_ac	0	0	0	0	0	0	0
28	9030	27-MAY-89pad_ac	0	0	0	0	0	0	0
28	9030	14-FEB-91pad_ac	0	0	0	0	0	0	0
28	9030	06-MAR-91jpcc	0	0	0	0	0	0	0
28	9030	31-OCT-91jpcc	0	0	0	0	0	0	0
28	9030	15-JUL-93jpcc	0	0	0	0	0	0	0
28	9030	07-JAN-96pad42_ac	0	4.9	0	0	0	0	0
28	9030	05-AUG-97jpcc	0	0	0	0	0	0	0
28	A410	13-MAY-91jpcc	0	0	0	0	0	0	0
28	A410	11-SEP-91jpcc	0	0	0	0	0	0	0
28	A410	13-APR-92pad_ac	1	0	0	0	0	0	0
28	A410	15-JUL-93jpcc	0	0	0	0	0.1	1	0
28	A410	03-MAR-97jpcc	0	0	0	0	0	0	0
28	A430	11-SEP-91jpcc	0	0	0	0	0	0	0
28	A430	13-APR-92pad_ac	1	20.869656	0	0	0	0	0
28	A430	04-MAR-97jpcc	0	19.8	0	0	0	0	0
29	4036	16-AUG-88jpcc	0	0	0	0	0	0	0
29	4036	09-MAR-89pad_ac	0	0	0	0	0	0	0
29	4036	07-NOV-90pad_ac	0	0	0	0	0	0	0
29	4036	01-APR-93jpcc	1	0	0	0	0	0	0
29	4036	04-APR-93pad42_ac	0	0	0	0	0	0	0
29	4036	15-APR-96pad42_ac	0	0	0	0.1	1	0	0
29	4036	03-MAR-98jpcc	0	0	0	0	0	0	0
29	4069	09-MAR-89pad_ac	0	5.053584	23	0	0	0	0
29	4069	07-NOV-90pad_ac	0	4.75488	23	0	0	0	0
29	4069	04-FEB-91jpcc	1	5.5	24	0	0	0	0
29	5000	21-MAR-89jpcc	0	0	0	0	0	0	0
29	5000	09-MAY-89pad_ac	0	0	0	0	0	0	0
29	5000	02-JUN-90pad_ac	0	0	0	0	0	0	0
29	5000	14-MAY-91jpcc	0	0	0	0	0	0	0
29	5000	04-APR-93pad42_ac	0	0	0	0	0	0	0
29	5000	29-JUL-93jpcc	0	0	0	0	0	0	0
29	5000	18-JUL-95jpcc	0	0	0	0	0	0	0
29	5000	25-MAR-96jpcc	0	0	0	0	0	0	0
29	5000	15-APR-96pad42_ac	0	0	0	0	0	0	0
29	5058	21-MAR-89jpcc	0	0	0	0	0	0	0
29	5058	09-MAY-89pad_ac	0	0	0	0	0	0	0
29	5058	02-JUN-90pad_ac	0	0	0	0	0	0	0
29	5058	04-APR-93pad42_ac	0	0	0	0	0	0	0
29	5058	15-APR-96pad42_ac	0	0	0	0	0	0.2	1
29	5081	21-MAR-89jpcc	0	0	1	0	0	0	0
29	5081	09-MAY-89pad_ac	0	0	1	0	0	0	0
29	5081	02-JUN-90pad_ac	0	0	1	0	0	0	0
29	5081	04-APR-93pad42_ac	0	0	1	0	0	0	0
29	5081	15-APR-97pad42_ac	0	2.5	4	0	0	0.1	1
29	5081	05-MAR-98jpcc	0	9.6	7	0	0	1.1	3
29	5091	21-MAR-89jpcc	0	0	0	0	0	0	0
29	5091	09-MAY-89pad_ac	0	0	0	0	0	0	0
29	5091	02-JUN-90pad_ac	0	0	0	0	0	0	0
29	5091	04-APR-93pad42_ac	0	0	0	0	0	0	0
29	5091	15-APR-96pad42_ac	0	0	0	0	0	0.5	0
29	5091	05-MAR-98jpcc	0	0	0	0	0	3.8	0
29	5503	05-FEB-91jpcc	0	0	0	0	0	0	0

29	5503	16-DEC-91pad_ac	0	0	0	0	0	0	0	0
29	5503	05-MAR-93pad42_ac	0	0	0	0	0	0	0	0
29	5503	30-MAR-93jpcc	0	0	0	0	0	0	0	0
29	5503	17-APR-96pad42_ac	0	0	0	0	0	0	0	0
29	A410	14-MAY-91jpcc	0	0	0	0	0	0	0.4	0
29	A410	13-DEC-91pad_ac	0	0	0	0	0	0	0	0
29	A410	29-JUL-93jpcc	0	1.5	0	0	1	0	0.1	1
29	A410	18-JUL-95jpcc	0	0	0	0	1	0	0.5	2
29	A410	27-MAR-96jpcc	0	0	0	0	1	0	0	0
29	A430	14-MAY-91jpcc	0	0	0	0	0	0	0	0
29	A430	13-DEC-91pad_ac	0	0	0	0	0	0	0	0
29	A430	29-JUL-93jpcc	0	0	0	0	0	0	0	0
29	A430	18-JUL-95jpcc	0	0	0	0	0	0	0	0
29	B410	15-MAY-91jpcc	0	0	0	17	2	0	0	0
29	B410	16-DEC-91pad_ac	0	0	0	0	0	0	0	0
29	B410	25-MAR-96jpcc	0	0	0	0	0	0	0	0
29	B430	15-MAY-91jpcc	0	0	0	0	0	0	0	0
29	B430	16-DEC-91pad_ac	0	0	0	0	0	0	0	0
29	B430	25-MAR-96jpcc	0	0	0	16.2	0	0	0	0
31	3018	28-JUL-88jpcc	0	0	0	0	0	0	0	0
31	3018	10-MAY-89pad_ac	0	0	0	0	0	0	0	0
31	3018	14-APR-93pad42_ac	0	0	0	0	0	0	0	0
31	3018	03-NOV-93jpcc	0	0	0	0	0	0	0	0
31	3018	19-APR-95jpcc	0	0	0	0	0	0	0	0
31	3018	06-MAR-96jpcc	0	0	0	0	0	0	0	0
31	3018	06-APR-96pad42_ac	0	0	0	0	0	0	0	0
31	3018	04-NOV-97jpcc	0	0	0	0	0	0	0	0
31	3023	11-JUL-89jpcc	0	0	0	0	0	0	0	0
31	3023	19-SEP-89pad_ac	0	0	0	0	0	0	0	0
31	3023	16-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	3023	21-JUL-93jpcc	0	0	0	0	0	0	0	0
31	3023	26-JUL-94pad42_ac	0	0	0	0	0	0	0	0
31	3023	20-APR-95jpcc	0	0	0	0	0	0	0	0
31	3023	06-APR-96pad42_ac	0	0	0	0	0	0	0	0
31	3023	14-AUG-97jpcc	0	0	0	0	0	0	0	0
31	3024	28-JUL-88jpcc	0	0	0	0	0	0	0	0
31	3024	11-MAY-89pad_ac	0	0	0	0	0	0	0	0
31	3024	15-APR-93pad42_ac	0	0	0	0	0	0	0	0
31	3024	06-APR-96pad42_ac	0	0.7	0	0	0	0	0	0
31	3028	03-NOV-89jpcc	0	0	0	0	0	0	0	0
31	3028	11-JUN-91jpcc	0	0	0	0	0	0	0	0
31	3028	11-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	3028	16-APR-93pad42_ac	0	0	0	0	0	0	0	0
31	3028	04-AUG-95jpcc	0	0	0	0	0	0	0	0
31	3028	06-APR-96pad42_ac	0	2	0	0	0	0	0	0
31	3028	13-AUG-97jpcc	0	0	0	0	0	0	0	0
31	3033	27-JUL-88jpcc	2	0	0	0	0	0	0	0
31	3033	15-MAY-89pad_ac	1	0	0	0	0	0	0	0
31	3033	17-NOV-90pad_ac	2	0	0	0	0	0	0	0
31	3033	17-APR-93pad42_ac	0	0	0	0	0	0	0	0
31	3033	19-OCT-93jpcc	0	0	1	1	0	0	0	0
31	3033	04-APR-96pad42_ac	0	0	0	0	0	0	0	0
31	4019	10-JUL-89jpcc	0	0	0	0	0	0	0	0
31	4019	18-AUG-89pad_ac	0	0	0	0.096619161	0	0	0	0
31	4019	11-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	4019	19-JUL-93jpcc	0	0	0	0	0	0	0	0
31	4019	20-SEP-93pad42_ac	0	0	0	0	0	0	0.2	1
31	4019	12-AUG-97jpcc	1	0	0	0	0	0	0.4	2
31	6701	28-JUL-88jpcc	0	0	25	0	0	0	0	0
31	6701	11-MAY-89pad_ac	0	0	0	0	0	0	0	0
31	6701	15-APR-93pad42_ac	0	0	0	0	0	0	0	0
31	6701	06-APR-96pad42_ac	0	0	0	0	0	0	0	0
31	A410	11-JUN-91jpcc	0	0	0	0	0	0	0	0
31	A410	11-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	A410	28-JUL-93jpcc	0	0	0	0	0	0	0	0
31	A410	13-AUG-97jpcc	0	0	0	0	0	0	0	0
31	A430	11-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	A430	28-JUL-93jpcc	0	0	0	0	0	0	0	0
31	A430	13-AUG-97jpcc	0	0	0	0	0	0	0	0
31	B410	30-JUL-91jpcc	0	0	0	0	0	0	0	0
31	B410	16-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	B410	14-AUG-97jpcc	0	0	0	0	0	0	0	0
31	B430	30-JUL-91jpcc	0	2	0	2.4	0	0	0	0
31	B430	16-AUG-91pad_ac	0	0	0	0	0	0	0	0
31	B430	14-AUG-97jpcc	0	0	0	0	0	0	0	0
31	C410	31-JUL-91jpcc	0	0	0	0	0	0	0.1	1
31	C410	11-AUG-91pad_ac	0	0	0	0	0	0	0.387405671	
31	C410	20-JUL-93jpcc	0	0	0	0	0	0	0.3	1
31	C410	12-AUG-97jpcc	0	0	0	0	0	0	0.1	1
31	C430	31-JUL-91jpcc	0	0	0	0	0	0	0.2	1
31	C430	11-AUG-91pad_ac	0	0	0	0	0	0	0.389263731	

31	C430	20-JUL-93jpcc	0	0						0.6	1
31	C430	12-AUG-97jpcc	0	0						1.5	1
32	0201	26-MAR-96jpcc	0	0	6	16.2	0	0	0	0	0
32	0201	30-MAY-96pad42_ac	0	9.7	13	49.7	0	0	0	0	0
32	0202	27-MAR-96jpcc		157.4	51	139.1	0	0	0	0	0
32	0202	30-MAY-96pad42_ac		175.3	48	151.4	0	0	0	0	0
32	0202	02-JUN-97jpcc		169.7	55	153.4	0	0	0	0	3
32	0203	26-MAR-96jpcc	1	43.8	52	115.1	0	0	0	0	0
32	0203	30-MAY-96pad42_ac	0	43.1	44	183.7	0	0	0	0	0
32	0204	27-MAR-96jpcc	1		11	7	0	0	1.5	4	
32	0204	30-MAY-96pad42_ac	0		19	18.5	2	0	0	0	0
32	0204	08-OCT-96jpcc	0		15	18.8	4	0	0	0	0
32	0204	05-NOV-96jpcc	0		18	18.3	4	0	0	0	0
32	0204	12-MAR-97jpcc	0		19	17.8	3	0	0	0	0
32	0204	17-APR-97jpcc	0		15	19.2	4	0	0	0	0
32	0204	14-JUL-97jpcc	0		13	18.4	5	0	0	0	0
32	0204	09-SEP-97jpcc	0		23	18.8	6	0	0	0	0
32	0205	26-MAR-96jpcc	1	33	75	91.2	0	0	0	0	0
32	0205	30-MAY-96pad42_ac	0	26.8	30	83.3	0	0	0	0	0
32	0206	02-APR-96jpcc	0		202	193.7	0	0	0	0	0
32	0206	30-MAY-96pad42_ac	0	183.3	78	199.5	0	0	0	0	0
32	0206	03-JUN-97jpcc	0	273.3	125	253.1	0	0	1.2	2	
32	0207	26-MAR-96jpcc	0	0	0	0	0	0	0	0	0
32	0207	30-MAY-96pad42_ac	0	1.1	0	0	0	0	0	0	0
32	0208	27-MAR-96jpcc	0	8.3	28	17.9	0	0	1	2	
32	0208	30-MAY-96pad42_ac	0	3.9	53	53.5	0.3	2	0	0	0
32	0209	26-MAR-96jpcc	0	0		0	0	0	0	0	0
32	0209	30-MAY-96pad42_ac	0	0		0	0	0	0	0	0
32	0209	06-JUN-97jpcc	0	0		0	0	0	0	0	0
32	0210	27-MAR-96jpcc	0	0	8	22.5	0	0	0	0	0
32	0210	30-MAY-96pad42_ac	0	2.5	10	40.4	0	0	0	0	0
32	0210	04-JUN-97jpcc	0	11.8	31	58.2	0	0	0	0	0
32	0211	26-MAR-96jpcc	0	1.8	1	0.5	0	0	0	0	0
32	0211	30-MAY-96pad42_ac	0	1.7	0	0	0	0	0	0	0
34	4042	05-OCT-89pad_ac	0	0	0	0	0	0	0	0	0
34	4042	12-SEP-90pad_ac	0	0	0	0	0	0	0	0	0
34	4042	24-FEB-93pad42_ac	0	0	1	3.8	1.2	1	0	0	0
34	4042	04-NOV-95pad42_ac	0	0	1	3.8	1.2	1	0.7	1	
34	4042	10-OCT-96jpcc	0	0	0	0	0	0	2	2	
35	3010	05-DEC-89pad_ac	0	0	0	0	0	0	0	0	0
35	3010	22-JAN-91pad_ac	0	0	0	0	0	0	0	0	0
35	3010	27-MAR-91jpcc	0	0	0	0	0	0	0	0	0
35	3010	29-AUG-91jpcc	0	0	0	0	0	0	0	0	0
35	3010	20-OCT-92pad42_ac	0	0	0	0	0	0	0	0	0
35	3010	16-FEB-94jpcc	0	3.5	0	0	0	0	0	0	0
35	3010	15-MAR-95pad42_ac	0	0	0	0	0	0	0	0	0
36	4017	25-AUG-89pad_ac	0	0	27	91.049856	0	0	0	0	0
36	4017	17-JUL-90pad_ac	0	0	29	102.54996	0	0	0	0	0
36	4017	01-MAR-93pad42_ac	0	0	34	104.2	0	0	0	0	0
36	4017	17-JUL-96pad42_ac	0	0	35	123	0	0	0.9	1	
36	4017	08-AUG-96jpcc	0	0	48	127.8	0	0	0.8	2	
36	4018	08-AUG-89pad_ac	0	0		0	0	0	0	0	0
36	4018	10-SEP-90pad_ac	0	0		0	0	0	0.759946861		
36	4018	01-OCT-92pad42_ac	0	0		0	0	0	0	0	0
36	4018	23-AUG-94jpcc	1	0		0	0	0	0.4	1	
36	4018	08-OCT-95pad42_ac	0	0		0	0	0	0.6	3	
36	4018	19-SEP-96jpcc	1	0		0	0	0	2	6	
37	0201	27-NOV-95jpcc	0	0	0	0	0	0	0	0	0
37	0201	23-APR-96jpcc	0	0	0	0	0	0	0	0	0
37	0201	20-AUG-96jpcc	0	0	0	0	0	0	0	0	0
37	0201	17-MAR-97jpcc	0	0	0	0	0	0	0	0	0
37	0201	06-OCT-97jpcc	0	0	0	0	0	0	0	0	0
37	0201	12-MAR-98jpcc	0	0	0	0	0	0	0	0	0
37	0209	27-NOV-95jpcc	0	0	0	0	0	0	0	0	0
37	0209	17-MAR-97jpcc	0	0	0	0	0	0	0	0	0
37	0209	06-OCT-97jpcc	0	0	0	0	0	0	0	0	0
37	3008	09-MAR-89pad_ac	0	0	0	0	0	0	0	0	0
37	3008	07-MAR-91pad_ac	0	0	0	0	0	0	0	0	0
37	3008	15-OCT-92pad42_ac	0	0	0	0	0	0	0	0	0
37	3008	31-JAN-96jpcc	0	0	0	0	0	0	0	0	0
37	3008	31-JAN-96pad42_ac	0	1	4	0	0	0	0	0	0
37	3011	13-OCT-89pad_ac	0	0	0	0	0.192309292	0	0	0	0
37	3011	19-MAR-91pad_ac	0	0	0	0	0	0	0	0	0
37	3011	11-OCT-92pad42_ac	0	3.5	1	1.2	0	0	0	0	0
37	3011	09-FEB-96pad42_ac	0	0	1	1	0	0	0	0	0
37	3011	19-APR-96jpcc	0	0	0	0	0	0	0	0	0
37	3044	13-OCT-89pad_ac	0	0	0	0	0	0	0	0	0
37	3044	19-MAR-91pad_ac	0	0	0	0	0	0	0	0	0
37	3044	10-OCT-92pad42_ac	0	0	0	0	0	0	0	0	0
37	3044	17-JUL-95jpcc	1	0	1	3.7	0.3	1	0	0	0
37	3807	15-OCT-89pad_ac	0	0	1	3.77952	0	0	0	0	0

37	3807	18-MAR-91pad_ac	0	0	0	0	0	0	0	0
37	3807	20-OCT-92pad42_ac	0	0.7	2	3.6	0	0	0	0
37	3807	06-FEB-96pad42_ac	0	2	1	0.4	0	0	0	0
37	3807	12-AUG-97jpcc	0	0	2	3	0	0	0	0
37	3816	13-OCT-89pad_ac	0	0	0	0	0	0	0	0
37	3816	19-MAR-91pad_ac	0	0	0	0	0	0	0	0
37	3816	11-OCT-92pad42_ac	0	0	1	1.5	0	0	0	0
37	3816	20-DEC-95jpcc	0	0.5	0	0	0	0	0	0
37	3816	08-FEB-96pad42_ac	0	0	1	1.5	0	0	0	0
37	3816	12-DEC-96jpcc	0	0.5	0	0	0	0	0	0
38	0213	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0213	12-JUN-95pad42_ac	0	0	1	1.1	0	0	0	0
38	0213	28-JUL-97jpcc	0	0	0	0	0	0	0	0
38	0214	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0214	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0215	26-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0215	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0216	26-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0216	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0217	26-OCT-94jpcc	1	0	0	0	0	0	0	0
38	0217	12-JUN-95pad42_ac	0	1.1	0	0	0	0	0	0
38	0217	30-JUL-97jpcc	1	9.7	0	0	0	0	0	0
38	0218	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0218	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0219	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0219	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0220	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0220	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0221	26-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0221	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0221	31-JUL-97jpcc	0	0	0	0	0	0	0	0
38	0222	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0222	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0223	27-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0223	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	0224	26-OCT-94jpcc	0	0	0	0	0	0	0	0
38	0224	12-JUN-95pad42_ac	0	0	0	0	0	0	0	0
38	3005	02-JUL-88jpcc	0	0	0	0	0	0	0	0
38	3005	26-JUN-89pad_ac	0	0	0	0	0	0	0	0
38	3005	23-OCT-90pad_ac	0	0	0	0	0	0	0	0
38	3005	03-JUN-93pad42_ac	1	0	2	1.3	0	0	0	0
38	3005	30-SEP-93jpcc	0	0	0	0	0	0	0	0
38	3006	16-MAY-89jpcc	0	0	0	0	0	0	0	0
38	3006	26-JUN-89pad_ac	0	0	0	0	0	0	0	0
38	3006	23-OCT-90pad_ac	0	0	0	0	0	0	0	0
38	3006	20-MAY-91jpcc	0	0	0	0	0	0	0	0
38	3006	18-JUN-91pad_ac	0	0	0	0	0	0	0	0
38	3006	03-JUN-93pad42_ac	0	0	1	0.7	0	0	0	0
38	3006	01-OCT-93jpcc	0	0	0	0	0	0	0	0
38	3006	12-JUN-95pad42_ac	0	0	1	1.6	0	0	0	0
39	0809	08-DEC-94jpcc	0	0	0	0	0	0	0	0
39	0809	08-MAR-95jpcc	0	0	0	0	0	0	0	0
39	0809	21-AUG-96pad42_ac	0	0	1	1.2	0	0	0	0
39	0810	08-DEC-94jpcc	0	0	0	0	0	0	0	0
39	0810	08-MAR-95jpcc	0	0	0	0	0	0	0	0
39	0810	21-AUG-96pad42_ac	0	0	0	0	0	0	0	0
39	3013	18-AUG-88jpcc	0	0	0	0	0	0	0	0
39	3013	27-SEP-89pad_ac	0	0	0	0	0	1.248616848	0	0
39	3013	30-APR-91pad_ac	0	0	0	0	0	0	0	0
39	3013	11-MAR-93pad42_ac	0	0	0	0	0	0	0	0
39	3801	17-AUG-88jpcc	0	0	0	0	0	0	0	0
39	3801	30-JUN-89pad_ac	0	0	0	0	0	0	0	0
39	3801	29-APR-91jpcc	0	4.9	0	0	0	0	0	0
39	3801	01-MAY-91pad_ac	0	0	0	0	0	0	0	0
39	3801	01-MAY-92pad_ac	0	0	0	0	0	0	0	0
39	3801	07-MAR-93pad42_ac	0	0	0	0	0	0	0	0
39	3801	09-JUN-95jpcc	0	4.3	0	0	0	0	0	0
39	3801	14-MAR-96pad42_ac	0	0	4	1.6	0	0	0	0
39	4018	18-AUG-88jpcc	0	0	0	0	0	0	0	0
39	4018	27-SEP-89pad_ac	0	0	0	0	0	0	0	0
39	4018	24-APR-91pad_ac	0	0	0	0	0	0	0	0
39	4018	30-APR-91jpcc	0	0	0	0	0	0	0	0
39	4018	29-APR-92pad_ac	0	0	0	0	0	0	0	0
39	4018	11-MAR-93pad42_ac	0	0	0	0	0	0	0	0
39	4018	12-JUN-95jpcc	0	0	0	0	0	0	0	0
39	4018	15-MAR-96pad42_ac	0	0.7	0	0	0	0	0	0
39	4031	28-NOV-88jpcc	0	0	0	0	0	0	0	0
39	4031	29-JUN-89pad_ac	0	0	0	0	0	0	0	0
39	4031	30-APR-91pad_ac	0	0	0	0	0	0	0	0
39	4031	06-NOV-92pad42_ac	0	0	0	0	0	0	0	0
39	4031	15-MAR-96pad42_ac	0	0	0	0	0	0	0	0

39	5569	20-MAR-91jpcc	0	0	0	0	0	0	0	0
39	5569	21-APR-92jpcc	0	0	0	0	0	0	0	0
39	5569	11-MAR-93pad42_ac	0	3.8	3	5.5	0	0	0	0
39	5569	20-JUL-94jpcc	0	0	0	0	0	0	0	0
39	5569	15-MAR-96pad42_ac	0	0	10	23.1	0	0	0	0
39	9006	18-AUG-88jpcc	0	0	0	0	0	0	0	0
39	9006	27-SEP-89pad_ac	0	0	0	0	0	0	0	0
39	9006	24-APR-91pad_ac	0	0	0	0	0	0	0	0
39	9006	11-MAR-93pad42_ac	0	0	0	0	0	0	0	0
39	9006	15-MAR-96pad42_ac	0	0	0	0	0	0	0	0
39	9022	29-JUN-89pad_ac	0	0	0	0	0	0	0	0
39	9022	30-APR-91pad_ac	0	0	0	0	0	0	0	0
39	9022	06-NOV-92pad42_ac	0	0	3	2.7	0	0	0	0
39	9022	19-JUL-94jpcc	0	0	0	0	0	0	0	0
39	9022	15-MAR-96pad42_ac	0	0	6	12.9	0	0	0	0
39	A410	30-APR-91jpcc	0	0	36	120.1	0	0	0	0
39	A410	29-APR-92pad_ac	0	0	30	103.6441920	0	0	0	0
39	A430	30-APR-91jpcc	0	0	35	100.2	0	0	0	0
39	A430	29-APR-92pad_ac	0	0	26	89.114376	0	0	0.097548191	0
39	B410	29-APR-91jpcc	0	1.2	0	0	0	0	0	0
39	B410	01-MAY-92pad_ac	0	0	0	0	0	0	0	0
39	B410	08-JUN-95jpcc	0	4.2	0	0	0	0	0	0
39	B430	29-APR-91jpcc	0	0	0	0	0	0	0	0
39	B430	01-MAY-92pad_ac	0	0	1	0.618744	0	0	0	0
39	B430	08-JUN-95jpcc	0	0	0	0	0	0	0	0
40	0601	28-JUL-92jpcc	0	3	0	0	0	0	0.2	1
40	0601	05-NOV-92jpcc	0	3	0	3.6	0	0	0.2	1
40	0601	30-MAR-94jpcc	0	0	0	3.7	0	0	0.5	1
40	0601	02-NOV-94jpcc	0	3.8	0	3.7	0	0	0.5	1
40	0601	22-APR-96pad42_ac	0	3.7	0	9	0	0	0.8	3
40	0601	22-MAY-97jpcc	0	4.3	0	14.8	0	0	0.5	2
40	0602	28-JUL-92jpcc	0	0	0	0	10	0	0	0
40	0602	05-NOV-92jpcc	0	0	0	0	10	0	0.2	1
40	0602	30-MAR-94jpcc	0	0	0	0	7	0	0.3	1
40	0602	02-NOV-94jpcc	0	0	0	0	10	0	0.6	2
40	0602	22-APR-96pad42_ac	0	0	0	0	11	0	0.2	1
40	0602	22-MAY-97jpcc	0	0	0	0	10	0	1.5	5
40	0605	27-JUL-92jpcc	0	0	0	1	7	0	0	0
40	0605	05-NOV-92jpcc	1	0	0	1	7	0	0	0
40	0605	30-MAR-94jpcc	1	0	0	1.5	7	0	0.4	1
40	0605	02-NOV-94jpcc	0	0	0	1.5	7	0	0.6	3
40	0605	22-APR-96pad42_ac	0	0	0	5.2	7	0	0.9	3
40	0605	22-MAY-97jpcc	0	0	0	10	7	0	0	0
40	3018	23-JAN-90pad_ac	0	0	0	0	0	0	0	0
40	3018	17-MAR-91pad_ac	0	0	0	0	0	0	0	0
40	3018	08-OCT-91jpcc	0	2.4	0	0	0	0	0	0
40	3018	02-NOV-92jpcc	0	0	0	0	0	0	0	0
40	3018	03-NOV-94jpcc	0	0	0	0	0	0	0	0
40	3018	08-FEB-95pad42_ac	0	0	0	0	0	0	0	0
40	3018	19-AUG-97jpcc	0	0	0	0	0	0	0	0
40	4157	09-JAN-90pad_ac	0	0	0	0	0	0	0	0
40	4157	30-OCT-90pad_ac	0	0	0	0	0	0	0	0
40	4157	09-OCT-91jpcc	0	0	0	0	0	0	0	0
40	4157	04-NOV-92jpcc	0	0	0	0	0	0	0	0
40	4157	01-NOV-94jpcc	0	0	0	0	0	0	0	0
40	4157	20-APR-96pad42_ac	0	0	0	0	0	0	0	0
40	4157	21-MAY-97jpcc	0	0	0	0	0	0	0	0
40	4160	08-JAN-90pad_ac	0	0	0	0	0	0	0	0
40	4160	18-FEB-91jpcc	0	0	0	0	0	0	0	0
40	4160	12-MAR-91pad_ac	0	0	0	0	0	0	0	0
40	4160	14-OCT-91pad_ac	0	0	0	0	0	0	0	0
40	4160	16-OCT-91jpcc	0	0	0	0	0	0	0	0
40	4160	02-NOV-92jpcc	0	0	0	0	0	0	0	0
40	4160	31-OCT-94jpcc	0	0	0	0	0	0	0	0
40	4160	10-MAR-95pad42_ac	0	0	1	1	0	0	0.2	1
40	4160	19-AUG-97jpcc	0	0	0	0	0	0	0	0
40	4162	17-JAN-90pad_ac	0	0	0	0	0	0	0	0
40	4162	14-OCT-91jpcc	0	0	0	0	0	0	0	0
40	4162	06-NOV-92jpcc	0	0	0	0	0	0	0	0
40	4162	03-NOV-94jpcc	0	0	0	0	0	0	0	0
40	4162	09-FEB-95pad42_ac	0	0	0	0	0	0	0	0
40	4162	20-AUG-97jpcc	0	3	0	0	0	0	0	0
40	A410	18-FEB-91jpcc	0	0	0	0	0	0	0	0
40	A410	28-FEB-91jpcc	0	0	0	0	0	0	0	0
40	A410	12-MAR-91pad_ac	0	0	0	0	0	0	0	0
40	A410	14-OCT-91pad_ac	0	1.261872	0	0	0	0	0	0
40	A410	16-OCT-91jpcc	0	0	0	0	0	0	0	0
40	A410	02-NOV-92jpcc	0	0.8	0	0	0	0	0	0
40	A410	31-OCT-94jpcc	0	0.8	0	0	0	0	0	0
40	A410	19-AUG-97jpcc	0	0	0	0	0	0	0	0
40	A420	18-FEB-91jpcc	0	0	0	0	0	0	0	0

40	A420	21-FEB-91jpcc	0		0	0	0	0	0	0
40	A420	12-MAR-91pad_ac	0		0	0	0	0	0	0
40	A420	14-OCT-91pad_ac	0		0	0	0	0	0	0
40	A420	16-OCT-91jpcc	0		0	0	0	0	0	0
40	A420	02-NOV-92jpcc	0		0	0	0	0	0	0
40	A420	31-OCT-94jpcc	0		0	0	0	0	0	0
40	A420	19-AUG-97jpcc	0		0	0	0	0	0	0
40	A430	18-FEB-91jpcc	0	0	0	0	0	0	0	0
40	A430	06-MAR-91jpcc	0	0	0	0	0	0	0	0
40	A430	14-OCT-91pad_ac	0	0.637032	1	0.637032	0	0	0	0
40	A430	16-OCT-91jpcc	0	0	0	0	0	0	0	0
40	A430	02-NOV-92jpcc	0	0	0	0	0	0	0	0
40	A430	31-OCT-94jpcc	0	0	0	0	0	0	0	0
40	A430	19-AUG-97jpcc	0	0	0	0	0	0	0	0
42	0601	24-JUL-90jpcc	2	0	0	0	0	0	1.1	3
42	0601	16-JUN-94jpcc	0	0	0	0	12.3	2	8	16
42	0602	30-NOV-89jpcc	0	0	0	0	0	0	1.4	6
42	0602	24-JUL-90jpcc	0	12.8	8	25.7	0	0	0	0
42	0603	16-NOV-89jpcc	0	0	2	5.8	0	0	3	3
42	0603	24-JUL-90jpcc	2	0	4	14.8	11.1	1	3.5	7
42	0604	16-NOV-89jpcc	0	0	0	0	0	0	0.5	1
42	0604	25-JUL-90jpcc	0	0	1	3.7	0	0	2.3	5
42	0605	30-NOV-89jpcc	1	5.8						11
42	0605	24-JUL-90jpcc	1	3.7			32.7			9
42	0605	16-JUN-94jpcc	0	5.5			142.7			20
42	0605	21-AUG-97jpcc	0	6.5			145.1			13
42	0606	16-NOV-89jpcc	0	0	1	4.3	0	0	5.8	3
42	0606	24-JUL-90jpcc	1	2.4	6	19.5	8.9	1	5.5	15
42	0607	16-NOV-89jpcc	0	4	2	8.5	0	0	0	0
42	0607	24-JUL-90jpcc	2	4.3	6	17.1	12.3	1	6.4	13
42	0608	16-NOV-89jpcc	0	0	1	3.7	0	0	0	0
42	0608	25-JUL-90jpcc	0	0	4	10.4	11.1	1	0.8	2
42	1606	17-JUL-89pad_ac	0	0			0	0	0	0
42	1606	25-SEP-90pad_ac	0	0			0	0	0	0
42	1606	24-SEP-92pad42_ac	0	0			0	0	0	0
42	1606	07-APR-93jpcc	0	0			0	0	0	0
42	1606	10-AUG-95jpcc	0	0			0.1	1	0	0
42	1606	11-APR-96jpcc	0	0			0	0	0	0
42	1606	08-AUG-96jpcc	0	0			0	0	0	0
42	1606	18-AUG-96pad42_ac	0	0			0	0	0	0
42	1623	25-FEB-93pad42_ac	0	0			0	0	0	0
42	1623	18-JUL-96pad42_ac	0	0			0	0	0	0
42	1623	18-NOV-97jpcc	0	0			0	0	0	0
42	1627	29-AUG-89pad_ac	0	0	0	0	0	0	0.191380262	
42	1627	27-SEP-90pad_ac	0	0	0	0	0	0	0	0
42	1627	02-MAR-93pad42_ac	0	0	0	0	0	0	0	0
42	1627	31-AUG-95jpcc	0	0	0	0	0.2	2	0	0
42	1627	19-JUL-96pad42_ac	0	0.4	1	3.7	0	0	0	0
42	1627	25-MAR-98jpcc	0	1.5	0	0	0	0	0	0
42	1690	08-FEB-90pad_ac	0	0						
42	1690	26-SEP-90pad_ac	0	0						
42	1690	12-AUG-91pad_ac	0	0						
42	1690	25-FEB-93pad42_ac	0	0						
42	1690	29-AUG-95jpcc	0	0						
42	1690	18-JUL-96pad42_ac	0	0						
42	3044	08-FEB-90pad_ac	0	0	0	0	0	0	0	0
42	3044	04-APR-91pad_ac	0	0	0	0	0	0	0	0
42	3044	28-SEP-92pad42_ac	0	0	0	0	0	0	0	0
42	3044	27-AUG-96pad42_ac	0	0	1	1.1	0	0	0	0
42	9027	04-APR-91pad_ac	0	0	0	0	0	0	0	0
42	9027	28-SEP-92pad42_ac	0	0	0	0	0	0	0	0
42	9027	26-JUL-95jpcc	1	0	0	0	0	0	0	0
42	9027	08-OCT-95pad42_ac	0	0	0	0	0	0	0	0
42	A410	26-SEP-90pad_ac	0	0	1	3.800856	0	0	0	0
42	A410	12-AUG-91pad_ac	0	0	4	9.92124	0	0	0	0
42	A410	29-AUG-95jpcc	0	0	8	25.6	33.5	3	0.6	2
42	A430	12-AUG-91pad_ac	0	0	1	4.151376	0	0	2.434059592	
42	A430	30-AUG-95jpcc	0	3.1	7	7.7	38.1	1	8.4	12
42	C410	05-AUG-91pad_ac	1	0	1	3.837432	0	0	0	0
42	C410	07-APR-93jpcc	0	0	1	3.7	0	0	0	0
42	C410	10-AUG-95jpcc	0	0	1	3.6	0	0	0	0
42	C410	02-OCT-97jpcc	0	0	1	4	0	0	0	0
42	C430	02-AUG-91pad_ac	1	0	1	0	0	0	0	0
42	C430	07-APR-93jpcc	0	0	1	0	0	0	0	0
42	C430	10-AUG-95jpcc	0	0	2	0	0.1	1	0	0
42	C430	02-OCT-97jpcc	0	0	2	0	0	0	0	0
45	3012	14-MAR-89pad_ac	0	0	0	0	0	0	0	0
45	3012	05-MAR-91pad_ac	0	0	0	0	0	0	0	0
45	3012	16-MAR-92jpcc	0	2.1	0	0	0	0	0	0
45	3012	07-JUN-93jpcc	0	2.5	0	0	0	0	0	0
45	3012	29-JAN-96pad42_ac	0	0	0	0	0	0	0	0

45	3012	24-JUN-97jpcc	0	2.4	0	0	0	0	0	0
46	3009	14-JUL-88jpcc	0	0	0	0	0	0	0	0
46	3009	16-MAY-89pad_ac	0	0	0	0	0	0	0	0
46	3009	20-JUN-90jpcc	0	0	0	0	0	0	0	0
46	3009	06-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3009	22-SEP-93pad42_ac	0	0	0	0	0	0	0	0
46	3009	14-OCT-93jpcc	0	0	0	0	0	0	0	0
46	3009	18-JUN-96pad42_ac	0	0	0	0	0	0	0	0
46	3010	13-JUL-88jpcc	0	0	0	0	0	0	0	0
46	3010	16-MAY-89pad_ac	0	0	0	0	0	0	0	0
46	3010	06-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3010	13-SEP-93pad42_ac	0	0	0	0	0	0	0	0
46	3010	13-OCT-93jpcc	0	0	0	0	0	0	0	0
46	3010	19-JUN-96pad42_ac	0	0	1	3.7	0	0	0	0
46	3012	13-JUL-88jpcc	1	0	0	0	0	0	0	0
46	3012	08-OCT-89pad_ac	0	0	0	0	0	0	0	0
46	3012	11-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3012	04-OCT-93pad42_ac	0	0	0	0	0	0	0	0
46	3012	06-OCT-93jpcc	0	0	1	2.3	0	0	0	0
46	3012	14-JUN-96pad42_ac	0	0	2	10.1	0	0	0	0
46	3013	12-JUL-88jpcc	0	0	0	0	0	0	0	0
46	3013	08-OCT-89pad_ac	0	0	0	0	0	0	0	0
46	3013	13-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3013	04-OCT-93jpcc	0	0	0	0	0	0	0	0
46	3013	04-OCT-93pad42_ac	0	0	0	0	0	0	0	0
46	3013	14-JUN-96pad42_ac	0	0	0	0	0	0	0	0
46	3052	14-JUL-88jpcc	0	0	0	0	0	0	0	0
46	3052	15-MAY-89pad_ac	0	0	0	0	0	0	0	0
46	3052	10-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3052	22-SEP-93pad42_ac	0	0	0	0	0	0	0	0
46	3052	18-JUN-96pad42_ac	0	1.2	0	0	0	0	0	0
46	3053	13-JUL-88jpcc	0	0	0	0	0	0	0	0
46	3053	06-OCT-89pad_ac	0	0	0	0	0	0	0	0
46	3053	11-DEC-90pad_ac	0	0	0	0	0	0	0	0
46	3053	30-SEP-93pad42_ac	0	0	0	0	0	0	0	0
46	3053	07-OCT-93jpcc	0	0	0	0	0	0	0	0
46	3053	16-JUN-96pad42_ac	0	4.7	1	1.5	0	0	0	0
46	6600	29-JUL-91jpcc	0	0	0	0	0	0	0	0
46	6600	17-APR-93pad42_ac	0	0	0	0	0.4	1	0	0
46	6600	15-JUL-93jpcc	0	0	0	0	0.7	1	0	0
46	A410	28-OCT-92jpcc	0	0	0	0	0.9	4	0	0
46	A410	13-JUL-93jpcc	0	0	0	0	1.1	2	0	0
46	A410	02-AUG-94jpcc	0	0	0	0	1.1	2	0	0
46	A420	28-OCT-92jpcc	0	0	0	0	2.6	7	0	0
46	A420	13-JUL-93jpcc	0	0	0	0	3	6	0	0
48	3003	25-JAN-90pad_ac	0	0	0	0	0	0	0	0
48	3003	27-OCT-90pad_ac	0	0	0	0	0	0	0	0
48	3003	16-JUL-91jpcc	0	0	0	0	0	0	0	0
48	3003	22-JAN-92pad_ac	0	0	2	4.111752	0	0	0	0
48	3003	09-AUG-93jpcc	0	0	0	0	0.1	1	0	0
48	3003	07-MAR-95pad42_ac	0	0	0	0	0	0	0	0
48	3003	27-JUN-95jpcc	0	0	0	0	0	0	0	0
48	3010	08-MAR-90pad_ac	0	0	0	0	0	0	0	0
48	3010	26-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	3010	10-JUL-91jpcc	0	0	0	0	0	0	0	0
48	3010	02-APR-92jpcc	0	0	0	0	0	0	0	0
48	3010	28-APR-93jpcc	0	0	0	0	0	0	0	0
48	3010	25-FEB-95pad42_ac	0	0	2	2.5	0	0	0	0
48	3010	07-JUN-95jpcc	0	0	0	0	0	0	0	0
48	3589	25-JAN-90pad_ac	0	0	0	0	0	0	0	0
48	3589	20-JUN-91jpcc	0	0.6	0	0	0	0	0	0
48	3589	13-OCT-91pad_ac	0	0	0	0	0	0	0	0
48	3589	05-AUG-93jpcc	0	0	0	0	0	0	0	0
48	3589	10-MAY-94jpcc	0	0	0	0	0	0	0	0
48	3589	09-FEB-95pad42_ac	0	1.2	0	0	0	0	0	0
48	3589	26-JUN-96jpcc	0	0.3	0	0.5	1	0	0	0
48	3699	08-MAR-90pad_ac	0	0	0	0	0	0	0.774811356	0
48	3699	26-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	3699	09-JUL-91jpcc	0	0	0	0	0	0	0	0
48	3699	27-APR-93jpcc	0	0	0	0	0	0	0	0
48	3699	25-FEB-95pad42_ac	0	0	0	0	0	0	0	0
48	3699	06-JUN-95jpcc	0	0	0	0	0	0	0	0
48	4142	05-MAR-90pad_ac	1	0	0	0	0	0	0	0
48	4142	27-FEB-91pad_ac	0	0	0	0	0	0	0	0
48	4142	11-JUL-91jpcc	1	0	0	0	0	0	0	0
48	4142	30-JAN-92pad_ac	0	0	0	0	0	0	0	0
48	4142	03-APR-92jpcc	2	0	0	0	0	0	0	0
48	4142	30-APR-93jpcc	1	0	0	0	0	0	0	0
48	4142	11-JAN-95jpcc	1	0	0	0	0	0	0	0
48	4142	01-MAR-95pad42_ac	0	0	0	0	0	0	0	0
48	4142	11-APR-95jpcc	1	0	0	0	0	0	0	0

48	4142	08-JUN-95jpcc	1	0	0	0	0	0	0
48	4142	08-JUL-97jpcc	0	0	0	0	0	0	0
48	4142	26-SEP-97jpcc	0	0	0	0	0	0	0
48	4143	07-MAR-90pad_ac	0	0	0	0	0	0	0
48	4143	27-FEB-91pad_ac	0	0	0	0	0	0	0
48	4143	11-JUL-91jpcc	0	0	0	0	0	0	0
48	4143	23-MAR-92pad_ac	0	0	0	0	0	0	0
48	4143	03-APR-92jpcc	0	0	0	0	0	0	0
48	4143	29-APR-93jpcc	0	0	0	0	0	0	0
48	4143	10-JAN-95jpcc	0	0	0	0	0	0	0
48	4143	25-FEB-95pad42_ac	0	5	0	0	0	0	0
48	4143	10-APR-95jpcc	0	0	0	0	0	0	0
48	4143	08-JUN-95jpcc	0	0	0	0	0	0	0
48	4143	09-JUL-97jpcc	0	0	0	0	0	0	0
48	4143	25-SEP-97jpcc	0	1	0	0	0	0	0
48	4146	08-MAR-90pad_ac	0	0	0	0	0	0	0
48	4146	26-FEB-91pad_ac	0	0	0	0	0	0	0
48	4146	10-JUL-91jpcc	0	0	0	0	0	0	0
48	4146	02-APR-92jpcc	0	0	0	0	0	0	0
48	4146	28-APR-93jpcc	0	0	0	0	0	0	0
48	4146	25-FEB-95pad42_ac	0	0	0	0	0	0.4	1
48	4146	07-JUN-95jpcc	0	0	0	0	0	0	0
48	4152	08-MAR-90pad_ac	0	0	10	0	0	0.383689551	
48	4152	27-FEB-91pad_ac	0	0	10	0	0	0.385547611	
48	4152	10-JUL-91jpcc	0	0	10	0	0	0.3	1
48	4152	19-MAR-92pad_ac	0	0	10	0	0	0.385547611	
48	4152	02-APR-92jpcc	0	0	10	0	0	0.3	1
48	4152	28-APR-93jpcc	0	1.5	11	0	0	0.4	1
48	4152	25-FEB-95pad42_ac	0	0	11	0	0	0.7	2
48	4152	07-JUN-95jpcc	0	1.5	12	0	0	0.4	1
48	9167	22-MAR-89pad_ac	0	0	0	0	0	0	0
48	9167	08-MAR-91pad_ac	0	0	0	0	0	0	0
48	9167	16-JUL-91jpcc	0	0	0	0	0	0	0
48	9167	06-AUG-93jpcc	0	0	0	0	0.1	1	0
48	9167	16-FEB-95pad42_ac	0	0	0	0	0	0	0
48	9167	30-JUN-95jpcc	0	0	0	0	0	0	0
48	9355	24-FEB-90pad_ac	0	0	0	0	0	0	0
48	9355	26-OCT-90pad_ac	0	0	0	0	0	0	0
48	9355	15-JUL-91jpcc	0	0	0	0	0	0	0
48	9355	09-AUG-93jpcc	0	0.7	0	0	0	0	0
48	9355	16-FEB-95pad42_ac	0	0	0	0	0	0	0
48	9355	28-JUN-95jpcc	0	0	0	0	0	0	0
48	A410	25-JAN-90pad_ac	0	0	0	0	0	0	0
48	A410	27-OCT-90pad_ac	0	0	0	0	0	0	0
48	A410	16-JUL-91jpcc	0	0	0	0	0	0	0
48	A410	22-JAN-92pad_ac	0	0	0	0	0	0	0
48	A410	09-AUG-93jpcc	0	0	0	0	0	0	0
48	A410	27-JUN-95jpcc	0	0	0	0	0	0	0
48	A410	17-APR-98jpcc	0	0	0	0	0	0	0
48	A420	25-JAN-90pad_ac	0	0	0	0	0	0	0
48	A420	27-OCT-90pad_ac	0	0	0	0	0	0	0
48	A420	16-JUL-91jpcc	0	0	0	0	0	0	0
48	A420	22-JAN-92pad_ac	0	0	0	0	0	0	0
48	A420	09-AUG-93jpcc	0	0	0	0	0	0	0
48	A420	27-JUN-95jpcc	0	0	0	0	0	0	0
48	A420	17-APR-98jpcc	0	0.5	0	0	0	0	0
48	A430	25-JAN-90pad_ac	0	0	0	0	0	0	0
48	A430	27-OCT-90pad_ac	0	0	3	2.49936	0	0	0
48	A430	16-JUL-91jpcc	0	0	0	0	0	0	0
48	A430	22-JAN-92pad_ac	0	0	1	1.261872	0	0	0
48	A430	09-AUG-93jpcc	0	0	0	0	0	0	0
48	A430	27-JUN-95jpcc	0	0	0	0	0	0	0
48	A430	17-APR-98jpcc	0	0	0	0	0	0	0
48	B410	05-SEP-89jpcc	0	0	0	0	0	0	0
48	B410	29-JUN-90jpcc	0	0	0	0	0	0	0
48	B410	09-DEC-90jpcc	0	0	0	0	0	0	0
48	B410	27-FEB-91pad_ac	0	0	0	0	0	0	0
48	B410	11-JUL-91jpcc	0	0	0	0	0	0	0
48	B410	23-MAR-92pad_ac	0	0	0	0	0	0	0
48	B410	03-APR-92jpcc	0	0	0	0	0	0	0
48	B410	29-APR-93jpcc	0	0	0	0	0	0	0
48	B410	08-JUN-95jpcc	0	0	0	0	0	0	0
48	B410	14-MAY-98jpcc	0	0	0	0	0	0	0
48	B420	05-SEP-89jpcc	2	0	0	0	0	0	0
48	B420	29-JUN-90jpcc	2	0	0	0	0	0	0
48	B420	27-FEB-91pad_ac	0	0	1	0.932688	0	0	0
48	B420	11-JUL-91jpcc	0	0	0	0	0	0	0
48	B420	23-MAR-92pad_ac	0	0	0	0	0	0	0
48	B420	03-APR-92jpcc	0	0	0	0	0	0	0
48	B420	29-APR-93jpcc	0	0	0	0	0	0	0
48	B420	08-JUN-95jpcc	0	0	0	0	0	0	0

48 B420 14-MAY-98jpcc	0	0	0	0						
48 B430 05-SEP-89jpcc	2	0	0	0	0	0	0	0	0	0
48 B430 29-JUN-90jpcc	2	0	0	0	0	0	0	0	0	0
48 B430 27-FEB-91pad_ac	1	0	1	0.62484	0	0	0	0	0	0
48 B430 11-JUL-91jpcc	0	0	0	0	0	0	0	0	0	0
48 B430 23-MAR-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 B430 03-APR-92jpcc	0	0	0	0	0	0	0	0	0	0
48 B430 29-APR-93jpcc	0	0	0	0	0	0	0	0	0	0
48 B430 08-JUN-95jpcc	0	0	0	0	0	0	0	0	0	0
48 B430 14-MAY-98jpcc	0	1.2	0	0	0	0	0	0	0	0
48 C410 25-JAN-90pad_ac		0								
48 C410 03-DEC-90jpcc		0								
48 C410 20-JUN-91jpcc		0								
48 C410 13-OCT-91pad_ac		0								
48 C410 05-AUG-93jpcc		0								
48 C410 10-MAY-94jpcc		0								
48 C410 26-JUN-96jpcc		0.4								
48 C410 15-APR-98jpcc		0								
48 C420 25-JAN-90pad_ac		0.633984								
48 C420 03-DEC-90jpcc		0								
48 C420 20-JUN-91jpcc		0								
48 C420 13-OCT-91pad_ac		0.947928								
48 C420 05-AUG-93jpcc		0								
48 C420 10-MAY-94jpcc		0								
48 C420 26-JUN-96jpcc		2.7								
48 C420 15-APR-98jpcc		2.2								
48 C430 25-JAN-90pad_ac		0			0	0				
48 C430 03-DEC-90jpcc		0			0	0				
48 C430 20-JUN-91jpcc		0			0	0				
48 C430 13-OCT-91pad_ac		0			0.774811351					
48 C430 05-AUG-93jpcc		0			0	0				
48 C430 10-MAY-94jpcc		0			0.4	1				
48 C430 26-JUN-96jpcc		0			0.4	1				
48 C430 15-APR-98jpcc		0			0.5	1				
48 D410 29-JUN-90jpcc	0	0	0	0	0	0	0	0	0	0
48 D410 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 D410 10-JUL-91jpcc	0	0	0	0	0	0	0	0	0	0
48 D410 19-MAR-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 D410 02-APR-92jpcc	0	0	0	0	0	0	0	0	0	0
48 D410 28-APR-93jpcc	0	4	0	0	0	0	0	0	0	0
48 D410 07-JUN-95jpcc	0	4.3	0	0	0	0	0	0	0	0
48 D410 13-MAY-98jpcc	0	1.6	0	0	0	0	0	0	0	0
48 D420 29-JUN-90jpcc	0	0	0	0	0	0	0	0	0	0
48 D420 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 D420 10-JUL-91jpcc	0	0	0	0	0	0	0	0	0	0
48 D420 19-MAR-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 D420 02-APR-92jpcc	0	0	0	0	0	0	0	0	0	0
48 D420 28-APR-93jpcc	0	0.3	0	0	0	0	0	0	0	0
48 D420 07-JUN-95jpcc	0	1.4	0	0	0	0	0.2	1		
48 D420 13-MAY-98jpcc	0	0	0	0	0	0	0.1	1		
48 D430 29-JUN-90jpcc	0	0	0	0	0	0	0	0	0	0
48 D430 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 D430 10-JUL-91jpcc	0	0	0	0	0	0	0	0	0	0
48 D430 19-MAR-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 D430 02-APR-92jpcc	0	0	0	0	0	0	0	0	0	0
48 D430 28-APR-93jpcc	0	4	0	0	0	0	0	0	0	0
48 D430 07-JUN-95jpcc	0	4	0	0	0	0	0	0	0	0
48 D430 13-MAY-98jpcc	0	0.8	0	0	0	0	0	0	0	0
48 E410 28-JUN-90jpcc	0	0	0	0	0	0	0	0	0	0
48 E410 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 E410 11-JUL-91jpcc	0	0	0	0	0	0	0	0	0	0
48 E410 30-JAN-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 E410 03-APR-92jpcc	0	0	0	0	0	0	0	0	0	0
48 E410 30-APR-93jpcc	0	0	0	0	0	0	0	0	0	0
48 E410 08-JUN-95jpcc	0	0	0	0	0	0	0	0	0	0
48 E410 15-MAY-98jpcc	0	0	0	0	0	0	0	0	0	0
48 E420 28-JUN-90jpcc	0	0	0	0	0	0	0	0	0	0
48 E420 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 E420 11-JUL-91jpcc	0	0	0	0	0.3	1	0	0	0	0
48 E420 30-JAN-92pad_ac	0	0	0	0	0	0	0.574140786			
48 E420 03-APR-92jpcc	0	0	0	0	0.3	1	0	0	0	0
48 E420 30-APR-93jpcc	0	0	0	0	0.1	1	0	0	0	0
48 E420 08-JUN-95jpcc	0	0	0	0	0.1	1	0	0	0	0
48 E420 15-MAY-98jpcc	0	0	0	0	0	0	0	0	0	0
48 E430 28-JUN-90jpcc	1	0	0	0	0	0	0	0	0	0
48 E430 27-FEB-91pad_ac	0	0	0	0	0	0	0	0	0	0
48 E430 11-JUL-91jpcc	1	0	0	0	0	0	0	0	0	0
48 E430 30-JAN-92pad_ac	0	0	0	0	0	0	0	0	0	0
48 E430 03-APR-92jpcc	1	0	0	0	0	0	0	0	0	0
48 E430 30-APR-93jpcc	1	0	0	0	0	0	0	0	0	0
48 E430 08-JUN-95jpcc	1	0	0	0	0	0	0	0	0	0

48	E430	15-MAY-98jpcc	0				7.3	1	0.7	1
53	0201	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0201	21-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0202	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0202	20-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0203	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0203	20-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0204	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0204	21-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0205	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0205	22-MAY-97jpcc	0	0	1	1	0	0	0	0
53	0206	24-OCT-95jpcc	0	53	0	0	0	0	0	0
53	0206	22-MAY-97jpcc	0	0	2	7.4	0	0	0	0
53	0207	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0207	28-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0208	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0208	22-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0209	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0209	21-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0210	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0210	20-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0211	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0211	21-MAY-97jpcc	0	0	0	0	0	0	0	0
53	0212	24-OCT-95jpcc	0	0	0	0	0	0	0	0
53	0212	21-MAY-97jpcc	0	0	0	0	0	0	0	0
54	4003	29-SEP-92pad42_ac	0	0	0	0	0	0	0	0
54	4003	26-OCT-95jpcc	0	0	0	0	0	0	0	0
54	4003	19-AUG-96pad42_ac	0	1.2	0	0	0	0	0	0
54	4003	17-MAR-98jpcc	0	0	0	0	0	0	0	0
54	4004	28-SEP-89pad_ac	0	0	0	0	0	0	0	0
54	4004	02-MAY-91pad_ac	0	0	0	0	0	0	0	0
54	4004	26-OCT-95jpcc	0	0	0	0	0	0	7.5	14
54	4004	04-JUN-96jpcc	0	0	0	0	0	0	5.8	12
55	3008	17-AUG-88jpcc	0	0	0	0	0	0	0	0
55	3008	12-SEP-89pad_ac	0	0	1	4.117848	0	0	0	0
55	3008	05-MAY-93pad42_ac	0	0	1	4.5	0	0	0	0
55	3008	09-NOV-94jpcc	0	0	1	4	0	0	0	0
55	3008	03-JUL-96pad42_ac	0	0	1	4.3	0	0	0	0
55	3009	18-AUG-88jpcc	0	0	0	0	0	0	0	0
55	3009	05-MAY-93pad42_ac	0	0	0	0	0	0	0	0
55	3009	04-NOV-94jpcc	0	0	0	0	0	0	0	0
55	3009	04-MAY-95jpcc	1	0	0	0	0.3	1	0	0
55	3010	18-AUG-88jpcc	0	0	0	0	0	0	0	0
55	3010	12-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	3010	05-MAY-93pad42_ac	0	0	0	0	0	0	0	0
55	3010	08-NOV-94jpcc	0	0	0	0	0	0	0	0
55	3010	03-JUL-96pad42_ac	0	0	0	0	0	0	0	0
55	3012	24-AUG-88jpcc	2	0	0	0	0	0	0	0
55	3012	11-MAY-93pad42_ac	0	4	0	0	0	0	0	0
55	3012	25-JUN-96pad42_ac	0	4.1	0	0	0	0	0	0
55	3014	17-AUG-88jpcc	1	0	0	0	0	0	0	0
55	3014	11-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	3014	29-APR-93pad42_ac	0	0	0	0	0	0	0	0
55	3014	28-JUL-94pad42_ac	0	0	0	0	0	0	0	0
55	3014	02-JUL-96pad42_ac	0	0	0	0	0	0	0	0
55	3015	25-AUG-88jpcc	0	0	0	0	0	0	0	0
55	3015	14-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	3015	06-MAY-93pad42_ac	0	0	0	0	0	0	0	0
55	3015	02-JUL-96pad42_ac	0	0	0	0	0	0	0	0
55	3016	16-AUG-89jpcc	0	0	0	0	0	0	0	0
55	3016	14-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	3016	06-MAY-93pad42_ac	0	0	0	0	0	0	0	0
55	3016	03-NOV-94jpcc	0	0	0	0	0	0	0	0
55	3016	02-JUL-96pad42_ac	0	0	0	0	0	0	0	0
55	3019	23-AUG-88jpcc	0	0	0	0	0	0	0	0
55	3019	19-JUN-89pad_ac	0	0	0	0	0	0	0.288928453	0
55	3019	19-OCT-90pad_ac	0	0	0	0	0	0	0	0
55	3019	12-MAY-93pad42_ac	0	0	0	0	0	0	0	0
55	3019	14-JUN-95pad42_ac	0	0	0	0	0	0	0	0
55	6351	15-AUG-89jpcc	0	0	0	0	0	0	0	0
55	6351	11-SEP-89pad_ac	0	0	0	0.095690131	0	0	0	0
55	6351	28-APR-93pad42_ac	0	0	1	3.7	0	0	0	0
55	6351	02-JUL-96pad42_ac	0	0	1	3.6	0	0	0	0
55	6352	15-AUG-89jpcc	0	0	0	0	0	0	0	0
55	6352	11-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	6352	28-APR-93pad42_ac	0	0.4	1	4	0	0	0	0
55	6352	02-JUL-96pad42_ac	0	1.5	6	18.1	0	0	0	0
55	6353	15-AUG-89jpcc	0	0	0	0	0	0	0	0
55	6353	11-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	6353	28-APR-93pad42_ac	0	0	1	4	0	0	0	0
55	6353	01-NOV-94jpcc	0	0	0	0	0	0	0	0

55	6353	02-JUL-96pad42_ac	0		1	3.8	0	0	0	0
55	6354	15-AUG-89jpcc	0		0	0	0	0	0	0
55	6354	11-SEP-89pad_ac	0		0	0	0	0	0	0
55	6354	28-APR-93pad42_ac	0		0	0	0	0	0	0
55	6354	02-NOV-94jpcc	0		0	0	0	0	0	0
55	6354	02-JUL-96pad42_ac	0		0	0	0	0	0	0
55	6355	14-AUG-89jpcc	0	0	0	0	0	0	0	0
55	6355	11-SEP-89pad_ac	0	0	0	0	0	0	0	0
55	6355	28-APR-93pad42_ac	0	0	0	0	0	0	0	0
55	6355	02-JUL-96pad42_ac	0	0	1	1.2	0	0	0	0
72	3008	22-JAN-90jpcc	0	0	0	0	0	0	0	0
72	3008	04-MAR-91jpcc	0	0	0	0	0	0	0	0
72	3008	09-FEB-93jpcc	0	0	0	0	0	0	0	0
72	3008	14-MAR-94jpcc	0	0	0	0	0	0	0	0
72	4121	18-JAN-90jpcc	0	8.5	17	54	0	0	0	0
72	4121	28-FEB-91jpcc	0	8.8	18	52.1	0	0	0	0
72	4121	10-FEB-93jpcc	0	8.6	21	74.2	0	0	0	0
83	3802	13-SEP-88jpcc	0	0	0	0	0	0	0	0
83	3802	27-JUN-89pad_ac	1	0	0	0	0	0	0	0
83	3802	15-MAY-90pad_ac	0	0	0	0	0	0	0	0
83	3802	09-JUN-93jpcc	1	0	0	0	0	0	0	0
83	3802	22-AUG-94jpcc	0	1.8	0	0	0	0	0	0
83	3802	29-MAR-95jpcc	1	0	0	0	0	0	0	0
83	3802	08-JUN-95pad42_ac	0	1.9	0	0	0	0	0	0
83	3802	19-JUN-95jpcc	1	0	0	0	0	0	0	0
83	3802	15-OCT-96jpcc	0	1.6	0	0	0	0	0	0
83	3802	20-JUN-97jpcc	0	1.5	0	0	0	0	0	0
83	3802	15-SEP-97jpcc	0	1.5	0	0	0	0	2.3	1
84	3803	16-AUG-89pad_ac	0	4.154424	1	1.277112	0	0	0.292644571	0
84	3803	27-AUG-90pad_ac	0	9.396984	1	0.938784	0	0	0	0
84	3803	09-MAY-93pad42_ac	0	13.2	1	0.9	0	0	1.1	1
84	3803	03-AUG-95jpcc	0	23.8	2	1.4	0	0	0.8	18
84	3803	20-OCT-95pad42_ac	0	23.8	2	1.5	0	0	0	0
89	3001	23-AUG-89pad_ac	0	5.032248	0	0	0	0	0	0
89	3001	14-AUG-90pad_ac	0	7.525512	0	0	0	0	0	0
89	3001	18-MAY-93pad42_ac	0	5.7	0	0	0	0	0	0
89	3001	17-OCT-95pad42_ac	0	8.9	2	3.3	0	0	0	0
89	3001	11-SEP-96jpcc	0	8.5	1	2.2	0	0	0	0
89	3001	15-JUL-97jpcc	0	8.6	1	2.3	0	0	0	0
89	3002	23-AUG-89pad_ac	0	0	0	0	0	0	0	0
89	3002	08-AUG-90pad_ac	0	0	0	0	0	0	0.191380261	0
89	3002	21-MAY-93pad42_ac	0	0	0	0	0	0	0	0
89	3002	16-OCT-95pad42_ac	0	0	0	0	0	0	0	0
89	3015	23-AUG-89pad_ac	1	0	0	0	0	0	0	0
89	3015	17-MAY-93pad42_ac	0	0	0	0	0	0	0	0
89	3015	19-MAY-94jpcc	2	0	0	0	0	0	0	0
89	3015	11-AUG-94jpcc	2	0	0	0	0	0	0	0
89	3015	13-JUN-95jpcc	0	0	0	0	0	0	0	0
89	3015	17-OCT-95pad42_ac	0	0	0	0	0	0	0	0
89	3015	19-NOV-96jpcc	0	0	0	0	0	0	0	0
89	3015	20-MAY-97jpcc	0	0	0	0	0	0	0	0
89	3015	23-SEP-97jpcc	0	0	0	0	0	0	0	0
89	3016	23-AUG-89pad_ac	0	0	0	0	0	0	0	0
89	3016	14-AUG-90pad_ac	0	0	0	0	0	0	0	0
89	3016	17-MAY-93pad42_ac	0	0	0	0	0	0	0	0
89	3016	18-OCT-95pad42_ac	0	0	0	0	0	0	0	0
89	9018	23-AUG-89pad_ac	0	0	0	0	0	0	0	0
89	9018	14-AUG-90pad_ac	0	0	0	0	0	0	0	0
89	9018	17-MAY-93pad42_ac	1	0	1	1.9	0	0	0	0
89	9018	12-JUN-95jpcc	1	0	0	0	0	0	0	0
89	9018	17-OCT-95pad42_ac	3	0	0	0	0	0	0	0

APPENDIX E. CRC CONSOLIDATED DATA SET

St	SHRP	Survey	Type	Punch	Long	Trans N	Trans L	Rig	Pat A	Rig	Pat N	Flx	Pat A	Flx	Pat N
01	3998	24-MAY-89	pad_crc	0	0	50	207.32496	30.379294	2			1.4604357	1		
01	3998	16-APR-90	pad_crc	0	0.950976	61	237.93907	31.385434	2			1.6415967	1		
01	5008	29-MAR-89	pad_crc		24.90216	114			0	0		0		0	
01	5008	12-FEB-90	pad_crc		31.312104	118			0	0		0		0	
01	5008	10-JAN-96	pad42_crc		42.8	138			0	0		0		0	
01	5008	03-MAR-98	crc		131.5	155			0	0		0		0	
05	5803	14-NOV-89	pad_crc		0				0	0		0		0	
05	5803	27-FEB-91	pad_crc		2.212848				0	0		0		0	
05	5803	10-SEP-91	crc		0				0	0		0		0	
05	5803	29-NOV-94	crc		0				0	0		0		0	
05	5803	06-DEC-95	pad42_crc		2.4				0	0		0		0	
05	5803	09-JUN-97	crc		0				0	0		0		0	
05	5805	14-NOV-89	pad_crc	0	0				0	0		0		0	
05	5805	27-FEB-91	pad_crc	0	0				0	0		0		0	
05	5805	10-SEP-91	crc	0	0				0	0		0		0	
05	5805	28-NOV-94	crc	0	0				0	0		0		0	
05	5805	06-DEC-95	pad42_crc	2	4.2				0	0		0		0	
05	5805	04-AUG-97	crc	0	2.3				0	0		0		0	
09	5001	31-JUL-89	pad_crc	0	0				0	0		0		0	
09	5001	04-SEP-90	pad_crc	0	0				0	0		0		0	
09	5001	29-SEP-92	pad42_crc	1	2				0	0		0		0	
09	5001	27-JUL-95	crc	0	0				0	0		0		0	
09	5001	30-OCT-95	pad42_crc	2	3.9				0	0		0		0	
09	5001	09-APR-96	crc	0	0				0	0		0		0	
10	5004	05-OCT-89	pad_crc		0				0	0		0		0	
10	5004	21-MAR-91	pad_crc		0				0	0		0		0	
10	5004	06-OCT-92	pad42_crc		0				0	0		0		0	
10	5004	16-MAR-93	crc		0				0	0		0		0	
10	5005	05-OCT-89	pad_crc	0	0	99			0	0		0		0	
10	5005	21-MAR-91	pad_crc	0	6.358128	99			0	0		0		0	
10	5005	06-OCT-92	pad42_crc	37	79	149			0	0		0		0	
13	4118	06-APR-89	pad_crc		0	115	378.3604240		0	0		0		0	
13	4118	08-APR-91	crc		0	148	446.8		0	0		0		0	
13	4118	26-OCT-94	crc		1	154	486.2		0	0		0		0	
13	4118	14-JAN-96	pad42_crc		33.9	136	487.8		0	0		0		0	
13	4118	13-MAY-97	crc		135.5	207	477		0	0		0		0	
13	5023	12-APR-89	pad_crc		0				0	0		0		0	
13	5023	09-FEB-91	pad_crc		0				0	0		0		0	
13	5023	09-APR-91	crc		0				0	0		0		0	
13	5023	27-OCT-94	crc		0				0	0		0		0	
13	5023	25-JAN-96	pad42_crc		2.6				0	0		0		0	
13	5023	22-APR-98	crc		6				0	0		0		0	
17	5020	15-JUL-88	crc	0	0				0	0		0		0	
17	5020	23-JUN-89	pad_crc	0	0				0	0		0		0	
17	5020	13-MAY-91	pad_crc	0	0				0	0		0		0	
17	5020	15-JUL-91	crc	0	0				0	0		0		0	
17	5020	15-NOV-93	pad42_crc	0	0				0	0		0		0	
17	5020	25-MAR-96	pad42_crc	10	6.8				0	0		0		0	
17	5843	02-AUG-88	crc	0	0				0	0		0		0	
17	5843	25-JUN-89	pad_crc	0	0				0	0		0		0	
17	5843	15-OCT-90	pad_crc	0	0				0	0		0		0	
17	5843	29-APR-93	pad42_crc	0	0				0	0		0		0	
17	5843	03-JUL-96	pad42_crc	0	0				0	0		0		0	
17	5849	04-AUG-88	crc	0	0				0	0		0		0	
17	5849	24-JUN-89	pad_crc	0	0				0	0		0		0	
17	5849	29-JUL-94	pad42_crc	11					0	0		0.2		1	
17	5849	26-MAR-96	pad42_crc	48					0	0		0		0	
17	5854	04-AUG-88	crc	0	0				0	0		0		0	
17	5854	24-JUN-89	pad_crc	0	0				0	0		0		0	
17	5854	28-JUL-94	pad42_crc	4	59.1				0	0		0		0	
17	5854	27-MAR-96	pad42_crc	9	120				0	0		0.1		1	
17	5869	04-AUG-88	crc	0	0				0	0		0		0	
17	5869	24-JUN-89	pad_crc	0	0				0	0		0		0	
17	5869	28-JUL-94	pad42_crc	1					0	0		0		0	
17	5869	27-MAR-96	pad42_crc	1					0	0		0		0	
17	5908	30-OCT-89	crc	0	0				0	0		0		0	
17	5908	13-NOV-89	pad_crc	0	0				0	0		0		0	
17	5908	10-MAY-91	pad_crc	0	0				0	0		0		0	
17	5908	24-MAR-93	crc	0	0				0	0		0		0	
17	5908	31-MAY-94	pad42_crc	0	0				0	0		0		0	
17	5908	23-MAR-96	pad42_crc	0	3.2				0	0		0		0	
17	9267	07-JUL-89	crc	0	0				0	0		0		0	
17	9267	22-SEP-89	pad_crc	0	0				0	0		0		0	
17	9267	07-MAY-90	pad_crc	0	0				0	0		0		0	
17	9267	22-APR-93	pad42_crc	3	5.8				0	0		0		0	
18	5022	13-JUL-88	crc	0	0	77	0		0	0		0		0	
18	5022	25-SEP-89	pad_crc	0	0	75	277.0479540		0	0		0		0	

18	5043	22-JUN-89pad_crc	0	0	117	426.8693520	0	0	0
18	5043	09-MAY-91pad_crc	0	0	119	432.24602	0	0	0
18	5043	05-OCT-92pad42_crc	0	1.2	110	402.6	0	0	0
18	5043	23-MAR-96pad42_crc	3	4.5	124	452.3	0	0	0
18	5518	01-DEC-88crc	0	0	165	0	0	0	0
18	5518	01-DEC-89crc	0	0	165	0	0	0	0
18	5518	15-MAY-93crc	0	0	180	607.4	6.4	1	0
19	0702	26-AUG-92crc	0	0	37	129.5	0	0	0
19	0702	24-AUG-93crc	0	0	71	193.9	0	0	0
19	0702	02-APR-96pad42_crc	2	2.1	114	310.2	0	0	0
19	0703	26-AUG-92crc	0	0	0	21	0	0	0
19	0703	24-AUG-93crc	0	0.8	0	138.7	0	0	0
19	0703	02-APR-96pad42_crc	2	3.7	0	195.5	0	0	0
19	0704	08-JUL-92crc	0	5	123	287.6	80.5	5	0
19	0704	26-AUG-92crc	0	0	6	21	0	0	0
19	0704	26-AUG-93crc	0	0	50	159.7	0	0	0
19	0704	02-APR-96pad42_crc	1	2.2	64	201.6	0	0	0
19	0705	08-JUL-92crc	0	4.5	204	403.4	13.3	6	0
19	0705	26-AUG-92crc	0	0	1	3.5	0	0	0
19	0705	26-AUG-93crc	0	0	36	118.2	0	0	0
19	0705	02-APR-96pad42_crc	0	0	58	205.9	0	0	0
19	0706	08-JUL-92crc	0	0	129	338.6	0.3	1	0
19	0706	26-AUG-92crc	0	0	39	136.5	0	0	0
19	0706	26-AUG-93crc	0	0	96	260.3	0	0	0
19	0706	02-APR-96pad42_crc	0	0	54	182.4	0	0	0
19	0707	08-JUL-92crc	0	2.8	111	256.2	73.8	2	0
19	0707	26-AUG-92crc	0	0	52	182	0	0	0
19	0707	25-AUG-93crc	0	0	52	174.2	0	0	0
19	0707	02-APR-96pad42_crc	0	2.3	54	184.4	0	0	0
19	0708	26-AUG-92crc	0	3	0	0	0	0	0
19	0708	25-AUG-93crc	0	0	0	0	0	0	0
19	0708	02-APR-96pad42_crc	0	0	0	0	0	0	0
19	0709	26-AUG-92crc	0	0	0	0	0	0	0
19	0709	24-AUG-93crc	0	0	0	0	0	0	0
19	0709	02-APR-96pad42_crc	0	1.1	0	0	0	0	0
19	5042	07-SEP-89crc	0	0	0	0	0	0	0
19	5042	21-SEP-89pad_crc	0	0	0	0	0	0	0
19	5042	18-MAY-91pad_crc	0	0	0	0	0	0	0
19	5042	20-APR-93pad42_crc	0	0	0	0	0	0	0
19	5042	31-AUG-94crc	0	0.6	0	0	0	0.4	2
19	5042	02-APR-96pad42_crc	3	7.1	0	0	0	0	0
19	5046	20-JUL-88crc	0	0	0	0	0	0	0
19	5046	14-JUN-89pad_crc	0	0	0	0	0	0	0
19	5046	18-MAY-91pad_crc	0	0	0	0	0	0	0
19	5046	20-APR-93pad42_crc	0	0.8	0	0	0	0.3	1
19	5046	30-AUG-94crc	0	0	0	0	0	0.1	1
19	5046	02-APR-96pad42_crc	0	0.4	0	0	0	0.2	2
19	9116	28-JUL-89crc	0	0	210	0	0	0	0
24	5807	11-OCT-89pad_crc	0	0	0	0	0	0	0
24	5807	18-APR-91pad_crc	0	0	0	0	0	0	0
24	5807	05-OCT-92pad42_crc	0	0	0	0	0	0	0
24	5807	08-NOV-95pad42_crc	0	0	0	0	0	0	0
24	5807	18-NOV-97crc	0	0	0	0	0	0	0
26	5363	05-SEP-89pad_crc	0	0	0	0.221109232	0	0	0
26	5363	18-JUL-90pad_crc	0	0	0	0	0	0	0
26	5363	21-MAY-93crc	0	0	0	0	0	0	0
26	5363	16-JUN-95pad42_crc	0	0	0	0	0	0	0
26	5363	19-MAY-97crc	0	0	0	0	0	0	0
27	5076	09-JUN-89pad_crc	0	0	227	862.13289	0	0	0
28	3099	25-MAY-89pad_crc	0	0	0	0	0	0	0
28	3099	14-FEB-91pad_crc	0	0	0	0	0	0	0
28	3099	07-MAR-91crc	0	0	238	824.8	0	0	0
28	5006	10-JAN-90pad_crc	0	0	0	0	0	0	0
28	5006	03-MAR-91pad_crc	0	0	0	0	0	0	0
28	5006	04-MAR-91crc	0	0	0	0	0	0	0
28	5006	14-JUL-93crc	0	0	0	0	0	0	0
28	5006	16-NOV-95crc	0	0	0	0	0	0	0
28	5006	11-DEC-95pad42_crc	5	10.2	0	0	0	0	0
28	5025	27-MAY-89pad_crc	0	0	0	0	0	0	0
28	5025	14-JAN-91pad_crc	0	0	0	0	0	0	0
28	5025	06-MAR-91crc	0	0	0	0	0	0	0
28	5025	13-JUL-93crc	0	0	0	0	0	0	0
28	5025	07-JAN-96pad42_crc	1	1.3	0	0	0	0	0
28	5803	10-JAN-90pad_crc	0	0	0	0	0	0	0
28	5803	28-FEB-91pad_crc	0	0	0	0	0	0	0
28	5803	05-MAR-91crc	0	0	0	0	0	0	0
28	5803	14-JUL-93crc	0	0	1	2	0.5	1	1
28	5803	29-NOV-95crc	2	0	0	0	0	0	0
28	5803	09-DEC-95pad42_crc	7	11	0	0	0	0.3	1
28	5805	26-MAY-89pad_crc	0	0	0	0	0	0.291715541	0
28	5805	15-JAN-91pad_crc	0	0	0	0	0	0	0

28	5805	07-MAR-91crc	0	0	0	0	0	0
28	5805	08-JAN-96pad42_crc	2	0.8	0	0	0	0
29	5047	19-AUG-88crc	0	0	0	0	0	0
29	5047	22-JUN-89pad_crc	0	0	0	0	0	0
29	5047	20-JUN-90pad_crc	0	0	0	0	0	0
29	5047	28-MAR-93pad42_crc	0	0	0	0	0	0
29	5047	25-MAR-96pad42_crc	1	0.6	0	0	0	0
31	5052	26-JUL-88crc	0	0	0	0	0	0
31	5052	15-MAY-89pad_crc	0	0	0	0	0	0
31	5052	16-APR-93pad42_crc	0	0	0	0	0	0
31	5052	19-APR-93crc	0	0	0	0	0	0
31	5052	06-APR-96pad42_crc	0	0	0	0.2	1	0
37	5037	03-NOV-89pad_crc	0	0	0	0	0	0
37	5037	10-MAR-91pad_crc	0	0	0	0	0	0
37	5037	14-OCT-92pad42_crc	0	0	0	0	0	0
37	5037	29-JAN-96crc	0	0	0	0	0	0
37	5037	31-JAN-96pad42_crc	8	0	0	0	0	0
37	5826	15-OCT-89pad_crc	0	0	0	0	0	0
37	5826	11-MAR-91pad_crc	0	0	0	0	0	0
37	5826	20-OCT-92pad42_crc	0	0	0	0	0	0
37	5827	13-OCT-89pad_crc	0	0	0	0	0	0
37	5827	19-MAR-91pad_crc	0	0	0	0	0	0
37	5827	07-FEB-96pad42_crc	0	0	0	0	0	0
37	5827	03-APR-96crc	1	0	0	0	0	0
37	5827	15-OCT-97pad42_crc	0	0	0	0	0	0
38	5002	15-SEP-89pad_crc	0	0	0	0	0	0
38	5002	06-DEC-90pad_crc	0	0	0	0	0	0
38	5002	01-JUN-93pad42_crc	2	1	0	0	0	0
39	5003	19-AUG-88crc	0	0	0	0	0	0
39	5003	30-AUG-89pad_crc	0	0	0	0	0	0
39	5003	03-OCT-90pad_crc	0	0	0	0	0	0
39	5003	05-NOV-92pad42_crc	0	0	0	0	0	0
39	5003	13-JUL-94crc	0	0	0	0	0	0
39	5003	18-JUN-95pad42_crc	0	0	0	0	0	0
39	5010	29-NOV-88crc	0	0	141	0	0	0
40	4158	14-MAR-91pad_crc	0	0	0	0	0	0
40	4158	10-OCT-91crc	0	0	0	0	0	0
40	4158	04-NOV-92crc	0	0	0	0	0	0
40	4158	01-NOV-94crc	0	0	0	0	0	0
40	4158	19-APR-96pad42_crc	0	0	0	0	0	0
40	4158	21-MAY-97crc	0	0	0	0	0	0
40	4166	30-OCT-90pad_crc	0	0	0	0	0	0
40	4166	09-OCT-91crc	0	0	0	0	0	0
40	4166	03-NOV-92crc	0	0	0	0	0	0
40	4166	01-NOV-94crc	0	0	0	0	0	0
40	4166	09-MAR-95pad42_crc	0	0	0	0	0	0
40	4166	18-AUG-97crc	0	1.8	0	0	0	0
40	5021	14-MAR-89pad_crc	0	0	0	0	0	0
40	5021	30-OCT-90pad_crc	0	0	0	0	0	0
40	5021	09-OCT-91crc	0	0	0	0	0	0
40	5021	04-NOV-92crc	0	0	0	0	0	0
40	5021	01-NOV-94crc	0	0	0	0	0	0
40	5021	20-APR-96pad42_crc	0	4.9	0	0	0	0
40	5021	21-MAY-97crc	0	0	0	0	0	0
42	1598	18-JUL-89pad_crc	0	0	0	0	0	0
42	1598	25-MAR-90pad_crc	0	0	0	0	0	0
42	1598	17-NOV-92pad42_crc	1	0	0	0	0	0
42	1598	27-JUL-95crc	0	0	0	0	2	0
42	1598	07-OCT-95pad42_crc	0	0	0	0	2	0
42	5020	28-JUL-90pad_crc	0	0	0	0	0	0
42	5020	12-SEP-90pad_crc	0	0	0	0	0	0
42	5020	24-FEB-93pad42_crc	0	0	0	0	0	0
42	5020	04-NOV-95pad42_crc	0	0	0	0	0	0
42	5020	13-NOV-97crc	1	0.8	0	0	0	0
45	5017	09-JAN-90pad_crc	0	0	0	0	0	0
45	5017	05-MAR-91pad_crc	0	0	0	0	0	0
45	5017	16-MAR-92crc	0	0	0	0	0	0
45	5017	07-JUN-93crc	0	0	0	0	0	0
45	5017	29-JAN-96pad42_crc	0	0	0	0	0	0
45	5017	24-JUN-97crc	0	0	0	0	0	0
45	5034	15-MAR-89pad_crc	0	0	0	0	0	0
45	5034	05-MAR-91pad_crc	0	0	0	0	0	0
45	5034	17-MAR-92crc	0	0	0	0	0	0
45	5034	08-JUN-93crc	0	0	0	0	0	0
45	5034	29-JAN-96pad42_crc	0	0	0	0	0	0
45	5034	25-JUN-97crc	0	0	0	0	0	0
45	5035	15-MAR-89pad_crc	0	0	0	0	0	0
45	5035	05-JUN-90pad_crc	0	0	0	0	0	0
45	5035	17-MAR-92crc	0	0	0	0	0	0
45	5035	08-JUN-93crc	0	0	0.1	1	0	0
45	5035	29-JAN-96pad42_crc	0	0	0	0	0	0

45	5035	25-JUN-97crc				0	0	0	0
46	5020	08-OCT-89pad_crc		205	717.3498480	0	0	0	0
46	5020	11-DEC-90pad_crc		226	830.644	0	0	0	0
46	5020	04-OCT-93pad42_crc		226	821.9	0	0	0	0
46	5020	05-OCT-93crc		249	736.5	0	0	0	0
46	5020	14-JUN-96pad42_crc		242	822.5	0	0	0	0
46	5025	02-MAY-89crc	0	0	0	0	0	0	0
46	5025	06-OCT-89pad_crc	0	0	0	0	0	0	0
46	5025	17-DEC-90pad_crc	0	0	0	0	0	0	0
46	5040	19-MAY-89pad_crc	0	5.998464	327	1161.5348	0	0	0
46	5040	15-DEC-90pad_crc	0	2.923032	330	1229.8405	0	0	0
48	3569	23-MAR-89pad_crc				130.5824080	0	0	0
48	3569	10-MAR-91pad_crc				132.84403	0	0	0
48	3569	26-JUN-91crc				313.9	0	0	0
48	3569	13-AUG-93crc				316.5	0	0	0
48	3569	05-MAR-95pad42_crc				331.1	0	0	0
48	3569	21-JUL-95crc				340.8	0	0	0
48	3569	16-JUL-97crc				347.6	0	0	0
48	3719	07-MAR-90pad_crc	0	0	0	0	0	0	0
48	3719	27-FEB-91pad_crc	0	0	0	0	0	0	0
48	3719	09-JUL-91crc	0	0	0	0	0	0	0
48	3719	01-APR-92crc	0	0	0	0	0	0	0
48	3719	29-APR-93crc	0	0	0	0	0	0	0
48	3719	25-FEB-95pad42_crc	4.8	0	0	0	0	0.3	1
48	3719	08-JUN-95crc	0	0	0	0	0	0	0
48	3719	14-MAY-98crc	0	0	0	0	0	0.2	1
48	3779	01-DEC-89pad_crc				0	0	0	0
48	3779	11-SEP-90pad_crc				0	0	0	0
48	3779	09-JUL-93crc				0	0	0	0
48	3779	20-MAR-95pad42_crc				0	0	0.2	1
48	3779	07-NOV-95crc				0	0	0	0
48	3779	12-JUN-97crc				0	0	0	0
48	3845	08-JAN-90pad_crc	0	0	0	0	0	0	0
48	3845	11-MAR-91pad_crc	0	0	0	0	0	0	0
48	3845	20-JUN-91crc	0	0	0	0	0	0	0
48	3845	05-AUG-93crc	0	0	0	0	0	0	0
48	3845	15-FEB-95pad42_crc	0	0	0	0	0	0	0
48	3845	14-APR-98crc	0	0	0	0	0	0	0
48	5024	11-APR-89pad_crc	0	0	0	0	0	0	0
48	5024	12-OCT-90pad_crc	0	0	0	0	0	0	0
48	5024	15-MAY-91crc	0	1.2	0	0	0	0	0
48	5024	26-APR-93crc	0	0	0	0	0	0	0
48	5024	23-FEB-95pad42_crc	0	1.4	0	0	0	0	0
48	5024	10-JUL-95crc	0	0.8	0	0	0	0	0
48	5024	03-JUN-97crc	0	1	0	0	0	0	0
48	5026	13-JUN-90pad_crc	0	0	0	0	0	0	0
48	5026	26-FEB-91pad_crc	0	0	0	0	0	0	0
48	5026	08-JUL-91crc	0	0	0	0	0	0	0
48	5026	27-APR-93crc	0	0	0	0	0	0	0
48	5026	25-FEB-95pad42_crc	3.4	0	0	0	0	0	0
48	5026	06-JUN-95crc	0	0	0	0	0	0	0
48	5026	12-MAY-98crc	0	0	0	0	0	0	0
48	5035	25-JAN-90pad_crc	0	0	0	0	0	0	0
48	5035	27-OCT-90pad_crc	0	86	0	0	0	0	0
48	5035	29-JAN-92crc	0	135	0	0	0	0	0
48	5035	06-AUG-93crc	0	140	0	0	0	0	0
48	5035	07-MAR-95pad42_crc	1.4	127	0	0	0	0	0
48	5035	30-JUN-95crc	0	139	0	0	0	0	0
48	5154	11-APR-89pad_crc	0	0	0	0	0	0	0
48	5154	12-OCT-90pad_crc	0	0	0	0	0	0	0
48	5154	15-MAY-91crc	0	0	0	0	0	0	0
48	5154	26-APR-93crc	0	0	0	0	0	0	0
48	5154	23-FEB-95pad42_crc	1	0.2	0	0	0	0	0
48	5154	10-JUL-95crc	0	0	0	0	0	0	0
48	5154	03-JUN-97crc	0	0	0	0	0	0	0
48	5274	21-MAR-89pad_crc	0	0	0	0	0	0	0
48	5274	29-OCT-90pad_crc	0	0	0	0	0	0	0
48	5274	16-APR-91crc	0	0	0	0	0	0	0
48	5274	04-AUG-93crc	0	0	0	0	0	0	0
48	5274	15-FEB-95pad42_crc	0	0	0	0	0	0	0
48	5274	11-FEB-97crc	0	0	0	0	0	0	0
48	5278	06-DEC-89pad_crc				0	0	0	0
48	5278	24-JAN-91pad_crc				0	0	0	0
48	5278	20-MAY-91crc				0	0	0	0
48	5278	08-JUL-93crc				0	0	0	0
48	5278	15-MAR-95pad42_crc				0	0	0	0
48	5278	05-JUN-95crc				0	0	0	0
48	5278	11-JUN-97crc				0	0	0	0
48	5283	22-MAR-89pad_crc	0	0	0	0	0	0	0
48	5283	27-OCT-90pad_crc	0	0	0	0	0	0	0
48	5283	15-APR-91crc	0	0	0	0	0	0	0

48	5283	03-AUG-93crc	0	0	0	0	0	0	0
48	5283	06-MAR-95pad42_crc	0	0	0	0	0	0	0
48	5283	13-FEB-97crc	0	0	0	0	0	0	0
48	5284	22-MAR-89pad_crc	0	0	0	0	0	0	0
48	5284	27-OCT-90pad_crc	0	0	0	0	0	0	0
48	5284	15-APR-91crc	0	0	0	0	0	0	0
48	5284	03-AUG-93crc	0	0	0.1	1	0	0	0
48	5284	06-MAR-95pad42_crc	0	1.7	0	0	0	0	0
48	5284	13-FEB-97crc	0	0	0	0	0	0	0
48	5287	21-MAR-89pad_crc	0	0	0	0	0	0	0
48	5287	27-OCT-90pad_crc	0	0	0	0	0	0	0
48	5287	15-APR-91crc	0	0	0	0	0	0	0
48	5287	03-AUG-93crc	0	0	0	0	0.3	2	
48	5287	15-FEB-95pad42_crc	0	0	0	0	0.3	1	
48	5287	14-FEB-97crc	0	0	0	0	0	0	
48	5301	21-MAR-89pad_crc	0	0	0	0	0.3883347	1	
48	5301	27-OCT-90pad_crc	0	0	0	0	0.390192761		
48	5301	16-APR-91crc	0	0	0	0	0.1	1	
48	5301	04-AUG-93crc	0	0	0	0	0	0	
48	5301	15-FEB-95pad42_crc	0	0	0.4	1	0	0	
48	5301	13-FEB-97crc	0	0	0	0	0.2	1	
48	5310	21-MAR-89pad_crc	0	0	0	0	0	0	
48	5310	11-MAR-91pad_crc	0	0	0	0	0	0	
48	5310	17-APR-91crc	0	0	0	0	0	0	
48	5310	03-AUG-93crc	0	0	0	0	0.6	6	
48	5310	09-FEB-95pad42_crc	0	3.5	0	0	0	0	
48	5310	11-FEB-97crc	0	0	0	0	0	0	
48	5317	21-MAR-89pad_crc	0	0	0	0	0	0	
48	5317	29-OCT-90pad_crc	0	0	0	0	0	0	
48	5317	16-APR-91crc	1	0	0	0	0	0	
48	5317	04-AUG-93crc	0	0	0.2	1	0.4	1	
48	5317	16-FEB-95pad42_crc	0	0	0	0	0.2	1	
48	5317	11-FEB-97crc	0	0	0	0	0.5	1	
48	5323	24-APR-89pad_crc	0	0	0	0	0	0	
48	5323	11-JUN-91crc	17	0	0	0	0	0	
48	5323	19-MAY-93crc	22	0	0	0	0	0	
48	5323	13-MAR-95pad42_crc	33	0	0	0	0	0	
48	5323	10-AUG-95crc	23	0	0	0	0	0	
48	5323	14-MAY-97crc	39	0	0	0	0	0	
48	5328	21-MAR-89pad_crc	0	0	0	0	0	0	
48	5328	11-MAR-91pad_crc	0	0	0	0	0	0	
48	5328	20-JUN-91crc	0	0	0	0	0	0	
48	5328	05-AUG-93crc	0	0	0.1	1	0	0	
48	5328	09-FEB-95pad42_crc	2	2.3	0	0	0	0	
48	5328	15-APR-98crc	0	0	0	0	0	0	
48	5334	25-APR-89pad_crc	0	0	0	0	0	0	
48	5334	07-NOV-91crc	0	0	0	0	0	0	
48	5334	20-MAY-93crc	0	0	0	0	0	0	
48	5334	10-MAR-95pad42_crc	0	0	0	0	0	0	
48	5334	11-AUG-95crc	0	0	0	0	0	0	
48	5334	15-MAY-97crc	0	0	0	0	0	0	
48	5335	24-APR-89pad_crc	0	0	0	0	0	0	
48	5335	11-JUN-91crc	0	0	0	0	0	0	
48	5335	19-MAY-93crc	0	0	0	0	0	0	
48	5335	13-MAR-95pad42_crc	0	0	0	0	0	0	
48	5335	10-AUG-95crc	0	0	0	0	0	0	
48	5335	14-MAY-97crc	0	0	0	0	0	0	
48	5336	11-JAN-90pad_crc	0	0	0	0	0	0	
48	5336	10-JUN-91crc	0	0	0	0	0	0	
48	5336	17-MAY-93crc	0	0	0	0	0	0	
48	5336	13-MAR-95pad42_crc	0	0.5	0	0	0	0	
48	5336	08-AUG-95crc	4	0	0	0	0	0	
48	5336	12-MAY-97crc	16.5	0	0	0	0	0	
51	2564	12-OCT-89pad_crc	0	0	218	823.6397	0	0	0
51	2564	20-MAR-91pad_crc	0	0	166	684.8033	0	0	0
51	5008	12-OCT-89pad_crc	0	0	191	720.39175	0	0	0
51	5008	20-MAR-91pad_crc	0	0	156	634.36804	0	0	0
51	5009	12-OCT-89pad_crc	0	0	0	0	0	0	0
51	5009	20-MAR-91pad_crc	0	0	0	0	0	0	0
51	5009	08-OCT-92pad42_crc	0	0	0	0	0	0	0
51	5009	09-FEB-96pad42_crc	2	0	0	0	0	0	0
51	5009	18-DEC-96crc	3	0	0	0	0.1	1	
51	5010	12-OCT-89pad_crc	0	0	0	0	0	0	0
51	5010	20-MAR-91pad_crc	0	0	25	100.87965	0	0	0
51	5010	08-OCT-92pad42_crc	0	0	92	334	0	0	0
51	5010	09-FEB-96pad42_crc	2	0.6	136	493.2	0	0	0
51	5010	20-NOV-97crc	0	3.6	149	556.9	0	0	0
54	5007	29-JUN-89pad_crc	16	47.679864	172	649.03197	0	1.8784994	2
54	5007	01-MAY-91pad_crc	136	199.320904212		717.8161880	0	14.96667927	
55	5037	24-AUG-88crc	0	0	0	0	0	0	0
55	5037	19-JUN-89pad_crc	0	0	0	0	0	0	0

55	5037	19-OCT-90pad_crc	0	0	0	0	0
55	5037	12-MAY-93pad42_crc	1	0.7	0	0	0
55	5037	10-JUL-96pad42_crc	0	1.9	0	0	0
55	5040	18-AUG-88crc			0	0	0
55	5040	12-SEP-89pad_crc			0	0	0
55	5040	05-MAY-93pad42_crc			0	0	0
55	5040	07-NOV-94crc			0	0	0
55	5040	03-JUL-96pad42_crc			0	0	0

APPENDIX F. DISCREPANCIES IN HMA DISTRESS

St	SHRP	CN	Survey	Type	Distress	Qty	Error
01	0101	1	10-JAN-96pad42_ac		Long_Crack_NWP	103.6	Error Undeterminable - Negative Slope
01	0102	1			fatigue		Error Undeterminable
01	0102	1			long_crack_wp		Error Undeterminable
01	0102	1	10-JAN-96pad42_ac		Long_Crack_NWP	87.6	Error Undeterminable - Negative Slope
01	0103	1			Long_Crack_NWP		Error Undeterminable
01	0105	1			Long_Crack_NWP		Error Undeterminable
01	0109	1			Long_Crack_NWP		Error Undeterminable
01	0112	1			Long_Crack_NWP		Error Undeterminable
01	0508	2	20-JUL-95ac_rev		long_crack_wp	10	Only 2 Points, Negative Slope
01	0508	2	20-JUL-95ac_rev		trans_crack_no	1	Only 2 Points, Negative Slope
01	0508	2	20-JUL-95ac_rev		trans_crack_l	0.6	Only 2 Points, Negative Slope
01	0508	2	28-JAN-98ac_rev		long_crack_wp	8.5	Only 2 Points, Negative Slope
01	0508	2	28-JAN-98ac_rev		trans_crack_no	0	Only 2 Points, Negative Slope
01	0508	2	28-JAN-98ac_rev		trans_crack_l	0	Only 2 Points, Negative Slope
01	1001	1	12-FEB-91pad_ac		Long_Crack_NWP	7.86384	Error Undeterminable - Negative Slope
01	1001	2	09-JAN-96pad42_ac		long_crack_nwp	1.3	Only 2 Points, Negative Slope
01	1001	2	28-FEB-97ac_rev		long_crack_nwp	0.7	Only 2 Points, Negative Slope
01	1011	1	09-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	1019	1			fatigue		Error Undeterminable
01	1019	1			long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on another
01	1019	1			Long_Crack_NWP		Error Undeterminable
01	1019	1			trans_crack_no		Error Undeterminable
01	1019	1			trans_crack_l		Error Undeterminable
01	1021	1			fatigue		Error Undeterminable
01	1021	1			Long_Crack_NWP		Error Undeterminable
01	1021	1	09-JAN-96pad42_ac		trans_crack_no	5	Error Undeterminable
01	1021	1	09-JAN-96pad42_ac		trans_crack_l	8.6	Error Undeterminable
01	4073	1			fatigue		Error Undeterminable
01	4073	1			long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on another
01	4073	1			Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on another
01	4073	1	02-DEC-95pad42_ac		trans_crack_no	61	Error Undeterminable
01	4073	1	02-DEC-95pad42_ac		trans_crack_l	56.7	Error Undeterminable
01	4125	1			fatigue		Error Undeterminable
01	4125	1			long_crack_wp		Error Undeterminable
01	4125	1			Long_Crack_NWP		Error Undeterminable - Negative Slope
01	4125	1			trans_crack_no		Error Undeterminable
01	4125	1			trans_crack_l		Error Undeterminable
01	4126	1			Long_Crack_NWP		Error Undeterminable
01	4126	1			trans_crack_no		Error Undeterminable
01	4126	1			trans_crack_l		Error Undeterminable
01	4127	2	03-APR-89pad_ac		fatigue	372.83939	Error Undeterminable - Negative Slope
01	4127	2			Long_Crack_NWP		Error Undeterminable - Negative Slope
01	4127	2			trans_crack_no		Error Undeterminable - Negative Slope
01	4127	2			trans_crack_l		Error Undeterminable - Negative Slope
01	4129	2			Long_Crack_NWP		Error Undeterminable
01	4129	2			trans_crack_no		Error Undeterminable
01	4129	2	19-SEP-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4129	2			trans_crack_l		Apparent Summarization Error in Trans Cracking
01	4155	1			fatigue		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
01	4155	1			block		Error Undeterminable
01	4155	1			Long_Crack_NWP		Error Undeterminable - Negative Slope
01	4155	1			trans_crack_no		Error Undeterminable
01	4155	1			trans_crack_l		Error Undeterminable
01	6012	1			fatigue		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
01	6012	1			Long_Crack_NWP		Error Undeterminable - Negative Slope
01	A310	2			fatigue		Error Undeterminable
01	A310	2			long_crack_wp		Error Undeterminable
01	A320	2			fatigue		Error Undeterminable
01	A320	2			long_crack_wp		Error Undeterminable
01	A320	2			trans_crack_no		Error Undeterminable
01	A320	2			trans_crack_l		Error Undeterminable
01	A330	1			fatigue		Error Undeterminable
01	A330	1			long_crack_wp		Error Undeterminable - Negative Slope
01	A330	1	02-APR-92pad_ac		Long_Crack_NWP	39.22776	Distress Classified as Long WP on 1 Survey & Long NWP on another
01	A330	1			trans_crack_no		Error Undeterminable
01	A330	1			trans_crack_l		Error Undeterminable
01	A340	1			fatigue		Error Undeterminable
01	A340	1			long_crack_wp		Error Undeterminable
01	A340	1			Long_Crack_NWP		Error Undeterminable - Negative Slope
01	A350	2			long_crack_wp		Error Undeterminable
01	A350	2	02-APR-92pad_ac		Long_Crack_NWP	5.020056	Error Undeterminable - Negative Slope

01 B320 2	29-MAR-93ac_rev	long_crack_wp	22.8	Error Undeterminable - Negative Slope
01 B320 2		Long_Crack_NWP		Error Undeterminable
01 B330 1		fatigue		Error Undeterminable
01 B330 1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another				
01 B330 1		Long_Crack_NWP		Error Undeterminable
01 B330 1		trans_crack_no		Error Undeterminable
01 B330 1		trans_crack_l		Error Undeterminable
01 B340 1		fatigue		Error Undeterminable
01 B340 1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another				
01 B340 1		Long_Crack_NWP		Error Undeterminable
01 C310 2		fatigue		Error Undeterminable
01 C310 2	20-JUN-91ac_rev	trans_crack_l	2.4	Error Undeterminable
01 C320 2	12-DEC-90ac_rev	long_crack_wp	64.3	Error Undeterminable - Negative Slope
01 C320 2	01-APR-92pad_ac	Long_Crack_NWP	5.675376	Distress Classified as Long WP on 1 Survey & Long NWP on
another				
01 C320 2	01-APR-93ac_rev	trans_crack_no	5	Error Undeterminable
01 C320 2	01-APR-93ac_rev	trans_crack_l	4.8	Error Undeterminable
01 C330 1		fatigue		Error Undeterminable
01 C330 1		long_crack_wp		Error Undeterminable - Negative Slope
01 C330 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
01 C330 1		trans_crack_no		Error Undeterminable - Negative Slope
01 C330 1		trans_crack_l		Error Undeterminable - Negative Slope
01 C330 1		patch_a		Error Undeterminable
01 C330 1		patch_no		Error Undeterminable
01 C340 1		fatigue		Error Undeterminable
01 C340 1		long_crack_wp		Error Undeterminable - Negative Slope
01 C340 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
01 C340 1	01-APR-92pad_ac	trans_crack_no	4	Error Undeterminable
01 C340 1		trans_crack_l		Error Undeterminable
01 C350 2		long_crack_wp		Error Undeterminable
01 C350 2		trans_crack_no		Error Undeterminable
01 C350 2		trans_crack_l		Error Undeterminable
04 0113 1		long_crack_wp		Error Undeterminable
04 0113 1		Long_Crack_NWP		Error Undeterminable
04 0114 1		long_crack_wp		Error Undeterminable
04 0115 1		Fatigue		Error Undeterminable - Negative Slope
04 0115 1		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0116 1		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0120 1		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0120 1		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0121 1		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0121 1		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0123 1		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0123 1		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0124 1		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0124 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0124 1		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0124 1		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0501 1		fatigue		Error Undeterminable
04 0501 1		block		Discrepancy between Block and Long & Trans Cracking
04 0501 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0501 1		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0501 1	15-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
04 0501 1		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0502 2		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0502 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0502 2		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0502 2		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0503 2		long_crack_wp		Error Undeterminable
04 0503 2	22-MAR-95pad42_ac	Long_Crack_NWP	11.5	Error Undeterminable - Negative Slope
04 0503 2	22-MAR-95pad42_ac	trans_crack_no	22	Error Undeterminable
04 0503 2		trans_crack_l		Error Undeterminable
04 0504 2		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0504 2		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0505 2		fatigue		Error Undeterminable
04 0505 2		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0505 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0505 2		trans_crack_no		Error Undeterminable
04 0505 2		trans_crack_l		Error Undeterminable
04 0506 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0506 2		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0506 2		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0507 2		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0507 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0507 2		Trans_Crack_No		Error Undeterminable - Negative Slope
04 0507 2		Trans_Crack_L		Error Undeterminable - Negative Slope
04 0508 2		Long_Crack_WP		Error Undeterminable - Negative Slope
04 0508 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
04 0508 2		Trans_Crack_No		Error Undeterminable - Negative Slope

04	0508	2	Trans_Crack_L		Error Undeterminable - Negative Slope
04	0603	2	Long_Crack_NWP		Error Undeterminable
04	0603	2	Trans_Crack_No		Error Undeterminable - Negative Slope
04	0603	2	Trans_Crack_L		Error Undeterminable - Negative Slope
04	0604	2	Trans_Crack_No		Error Undeterminable - Negative Slope
04	0604	2	Trans_Crack_L		Error Undeterminable - Negative Slope
04	0606	2	Long_Crack_NWP		Error Undeterminable
04	0606	2	trans_crack_no		Error Undeterminable
04	0606	2	27-OCT-97	Trans_Crack	Apparent Summarization Error in Trans Cracking
04	0606	2	trans_crack_l		Apparent Summarization Error in Trans Cracking
04	0607	2	trans_crack_no		Error Undeterminable
04	0607	2	trans_crack_l		Error Undeterminable
04	0608	2	trans_crack_no		Error Undeterminable
04	0608	2	trans_crack_l		Error Undeterminable
05	0113	1	05-DEC-95pad42_ac	trans_crack_no 2	Only 2 Points, Negative Slope
05	0113	1	05-DEC-95pad42_ac	trans_crack_l 2.2	Only 2 Points, Negative Slope
05	0113	1	12-JUN-97ac_rev	trans_crack_no 0	Only 2 Points, Negative Slope
05	0113	1	12-JUN-97ac_rev	trans_crack_l 0	Only 2 Points, Negative Slope
05	0117	1	05-DEC-95pad42_ac	trans_crack_no 1	Only 2 Points, Negative Slope
05	0117	1	05-DEC-95pad42_ac	trans_crack_l 3.6	Only 2 Points, Negative Slope
05	0117	1	12-JUN-97ac_rev	trans_crack_no 0	Only 2 Points, Negative Slope
05	0117	1	12-JUN-97ac_rev	trans_crack_l 0	Only 2 Points, Negative Slope
05	0118	1	05-DEC-95pad42_ac	trans_crack_no 1	Only 2 Points, Negative Slope
05	0118	1	05-DEC-95pad42_ac	trans_crack_l 1.7	Only 2 Points, Negative Slope
05	0118	1	12-JUN-97ac_rev	trans_crack_no 0	Only 2 Points, Negative Slope
05	0118	1	12-JUN-97ac_rev	trans_crack_l 0	Only 2 Points, Negative Slope
05	0119	1	05-DEC-95pad42_ac	long_crack_nwp 117.1	Only 2 Points, Negative Slope
05	0119	1	11-JUN-97ac_rev	long_crack_nwp 24.8	Only 2 Points, Negative Slope
05	0124	1	05-DEC-95pad42_ac	trans_crack_no 1	Only 2 Points, Negative Slope
05	0124	1	05-DEC-95pad42_ac	trans_crack_l 0.9	Only 2 Points, Negative Slope
05	0124	1	12-JUN-97ac_rev	trans_crack_no 0	Only 2 Points, Negative Slope
05	0124	1	12-JUN-97ac_rev	trans_crack_l 0	Only 2 Points, Negative Slope
05	2042	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
05	2042	1	Trans_Crack_No		Error Undeterminable - Negative Slope
05	2042	1	Trans_Crack_L		Error Undeterminable - Negative Slope
05	3048	1	block		Error Undeterminable
05	3048	1	04-AUG-97ac_rev	long_crack_wp 4.8	Error Undeterminable
05	3048	1	Long_Crack_NWP		Error Undeterminable
05	3048	1	trans_crack_no		Error Undeterminable
05	3048	1	trans_crack_l		Error Undeterminable
05	3048	1	patch_no		Error Undeterminable
05	3058	1	fatigue		Error Undeterminable
05	3058	1	10-SEP-91ac_rev	long_crack_wp 0	Distress Classified as Long WP on 1 Survey & Long NWP on another
05	3058	1	another	Long_Crack_NWP	Distress Classified as Long WP on 1 Survey & Long NWP on another
05	3058	1	another		
05	3058	1	trans_crack_no		Error Undeterminable
05	3058	1	trans_crack_l		Error Undeterminable
05	3071	1	Long_Crack_NWP		Error Undeterminable
05	3071	1	19-APR-96pad42_ac	trans_crack_no 16	Error Undeterminable
05	3071	1	19-APR-96pad42_ac	trans_crack_l 43.9	Error Undeterminable
05	A310	2	Long_Crack_NWP		Error Undeterminable
05	A320	2	18-MAR-91pad_ac	trans_crack_no 6	Error Undeterminable
05	A320	2	18-MAR-91pad_ac	trans_crack_l 7.248144	Error Undeterminable
08	0501	2	fatigue		Error Undeterminable
08	0501	2	long_crack_wp		Error Undeterminable
08	0501	2	trans_crack_no		Error Undeterminable
08	0502	2	Long_Crack_WP		Error Undeterminable - Negative Slope
08	0503	2	fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
08	0504	2	Cracking on another		
08	0504	2	long_crack_wp		Error Undeterminable
08	0505	2	fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
08	0505	2	Cracking on another		
08	0505	2	Long_Crack_WP		Error Undeterminable - Negative Slope
08	0506	2	fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
08	0506	2	Cracking on another		
08	0506	2	block		Error Undeterminable
08	0506	2	Long_Crack_WP		Error Undeterminable - Negative Slope
08	0507	2	fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
08	0507	2	Cracking on another		
08	0507	2	Long_Crack_WP		Error Undeterminable - Negative Slope
08	0508	2	fatigue		Error Undeterminable
08	0508	2	long_crack_wp		Error Undeterminable
08	0509	2	fatigue		Error Undeterminable
08	0509	2	long_crack_wp		Error Undeterminable
09	1803	1	fatigue		Error Undeterminable
09	1803	1	long_crack_wp		Error Undeterminable
09	1803	1	Long_Crack_NWP		Error Undeterminable
09	1803	1	trans_crack_no		Error Undeterminable
09	1803	1	trans_crack_l		Error Undeterminable
10	0102	1	Fatigue		Error Undeterminable - Negative Slope

12	1030	1	fatigue		Error Undeterminable - Negative Slope
12	1030	1	block		Error Undeterminable
12	1030	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	1030	1	trans_crack_no		Error Undeterminable - Negative Slope
12	1030	1	trans_crack_l		Error Undeterminable - Negative Slope
12	1370	1	Long_Crack_NWP		Error Undeterminable
12	3995	1	long_crack_wp		Error Undeterminable
12	3995	1	trans_crack_no		Error Undeterminable
12	3995	1	trans_crack_l		Error Undeterminable
12	3996	1	fatigue		Error Undeterminable
12	3996	1	long_crack_wp		Error Undeterminable
12	3996	1	Long_Crack_NWP		Error Undeterminable
12	3996	1	trans_crack_no	6	Error Undeterminable
12	3997	1	fatigue	107.95426	Error Undeterminable
12	3997	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	3997	1	trans_crack_no		Error Undeterminable - Negative Slope
12	3997	1	trans_crack_l		Error Undeterminable - Negative Slope
12	4100	1	trans_crack_no		Error Undeterminable
12	4100	1	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4100	1	trans_crack_l		Apparent Summarization Error in Trans Cracking
12	4102	1	Fatigue	245.539942	Only 2 Points, Negative Slope
12	4102	1	long_crack_nwp	25.996392	Only 2 Points, Negative Slope
12	4102	1	patch_a	32.458463	Only 2 Points, Negative Slope
12	4102	1	Fatigue	243.9	Only 2 Points, Negative Slope
12	4102	1	long_crack_nwp	0	Only 2 Points, Negative Slope
12	4102	1	patch_a	20.6	Only 2 Points, Negative Slope
12	4103	1	long_crack_wp		Error Undeterminable
12	4103	1	Long_Crack_NWP		Error Undeterminable
12	4103	1	trans_crack_no		Error Undeterminable
12	4103	1	trans_crack_l		Error Undeterminable
12	4105	1	Fatigue		Error Undeterminable - Negative Slope
12	4105	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	4106	1	fatigue		Error Undeterminable
12	4106	1	Long_Crack_NWP		Error Undeterminable
12	4106	1	trans_crack_no		Error Undeterminable
12	4106	1	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4106	1	trans_crack_l		Apparent Summarization Error in Trans Cracking
12	4107	1	long_crack_wp		Error Undeterminable - Negative Slope
12	4107	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	4107	1	trans_crack_no		Error Undeterminable
12	4107	1	trans_crack_l		Error Undeterminable
12	4135	1	trans_crack_no	77	Only 2 Points, Negative Slope
12	4135	1	trans_crack_no	58	Only 2 Points, Negative Slope
12	4136	1	trans_crack_no	72	Only 2 Points, Negative Slope
12	4136	1	trans_crack_l	63.23076	Only 2 Points, Negative Slope
12	4136	1	trans_crack_no	25	Only 2 Points, Negative Slope
12	4136	1	trans_crack_l	38.164008	Only 2 Points, Negative Slope
12	4137	1	long_crack_nwp	103.948992	Only 2 Points, Negative Slope
12	4137	1	long_crack_nwp	97.895664	Only 2 Points, Negative Slope
12	4153	1	fatigue		Error Undeterminable
12	4153	1	long_crack_wp	19.2	Error Undeterminable - Negative Slope
12	4154	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	4154	1	trans_crack_no	19	Error Undeterminable
12	4154	1	trans_crack_l		Error Undeterminable - Negative Slope
12	4154	1	patch_a		Error Undeterminable
12	4154	1	patch_no		Error Undeterminable
12	9054	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	A310	1	Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on another
12	A310	1	trans_crack_no		Error Undeterminable
12	A310	1	trans_crack_l		Error Undeterminable
12	A310	2	Long_Crack_NWP	23.707344	Error Undeterminable - Negative Slope
12	A320	2	long_crack_wp		Error Undeterminable - Negative Slope
12	A320	2	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	A320	2	trans_crack_l		Error Undeterminable - Negative Slope
12	A320	2	patch_a	3.2	Error Undeterminable - Negative Slope
12	A320	2	patch_no	2	Error Undeterminable - Negative Slope
12	A330	1	fatigue		Error Undeterminable
12	A330	1	block	3.5	Error Undeterminable - Negative Slope
12	A330	1	long_crack_wp		Error Undeterminable
12	A330	1	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	A330	1	trans_crack_no		Error Undeterminable
12	A330	1	trans_crack_l		Error Undeterminable
12	A350	2	long_crack_wp		Error Undeterminable - Negative Slope
12	A350	2	Patching		Apparent Summarization Error in Patching
12	B310	2	fatigue		Error Undeterminable - Negative Slope
12	B310	2	long_crack_wp	36.9	Error Undeterminable - Negative Slope
12	B310	2	Long_Crack_NWP		Error Undeterminable - Negative Slope
12	B310	2	trans_crack_no		Error Undeterminable - Negative Slope
12	B310	2	trans_crack_l		Error Undeterminable - Negative Slope
12	B320	2	fatigue		Error Undeterminable

12	B320	2		trans_crack_l		Error	Undeterminable	
12	B330	1		fatigue		Error	Undeterminable	
12	B330	1		Long_Crack_NWP		Error	Undeterminable	- Negative Slope
12	B330	1		trans_crack_no		Error	Undeterminable	- Negative Slope
12	B330	1		trans_crack_l		Error	Undeterminable	- Negative Slope
12	B350	2		fatigue		Error	Undeterminable	- Negative Slope
12	C310	2		fatigue		Error	Undeterminable	- Negative Slope
12	C310	2	09-DEC-89pad_ac	Long_Crack_NWP	87.148416	Error	Undeterminable	- Negative Slope
12	C310	2	28-JAN-98ac_rev	Long_Crack_NWP	28.8	Error	Undeterminable	- Negative Slope
12	C310	2		trans_crack_no		Error	Undeterminable	- Negative Slope
12	C310	2		trans_crack_l		Error	Undeterminable	- Negative Slope
12	C310	2		patch_a		Error	Undeterminable	- Negative Slope
12	C310	2		patch_no		Error	Undeterminable	- Negative Slope
12	C320	2		fatigue		Error	Undeterminable	- Negative Slope
Cracking on another								
12	C320	2		long_crack_wp		Error	Undeterminable	- Negative Slope
12	C320	2		Long_Crack_NWP		Error	Undeterminable	
12	C320	2		trans_crack_no		Error	Undeterminable	
12	C320	2		trans_crack_l		Error	Undeterminable	
12	C320	2	17-AUG-90ac_rev	patch_a	5	Error	Undeterminable	
12	C320	2	17-AUG-90ac_rev	patch_no	3	Error	Undeterminable	
12	C330	1		long_crack_wp		Error	Undeterminable	- Negative Slope
12	C330	1		Long_Crack_NWP		Error	Undeterminable	- Negative Slope
12	C330	1		trans_crack_no		Error	Undeterminable	
12	C330	1		trans_crack_l		Error	Undeterminable	- Negative Slope
12	C350	2	17-AUG-90ac_rev	fatigue	28.4	Error	Undeterminable	- Negative Slope
12	C350	2	17-AUG-90ac_rev	Long_Crack_NWP	12.5	Error	Undeterminable	- Negative Slope
12	C350	2	17-AUG-90ac_rev	trans_crack_no	26	Error	Undeterminable	- Negative Slope
12	C350	2	17-AUG-90ac_rev	trans_crack_l	75.9	Error	Undeterminable	- Negative Slope
12	C350	2	10-AUG-95ac_rev	trans_crack_l	0.3	Error	Undeterminable	- Negative Slope
13	0502	2		Trans_Crack_No		Error	Undeterminable	- Negative Slope
13	0502	2	10-JAN-96	Trans_Crack		Error	Undeterminable	- Negative Slope
13	0502	2		Trans_Crack_L		Error	Undeterminable	- Negative Slope
13	1001	1		long_crack_wp		Error	Undeterminable	
13	1001	1		Long_Crack_NWP		Error	Undeterminable	
13	1004	1		fatigue		Error	Undeterminable	
13	1004	1		long_crack_wp		Error	Undeterminable	- Negative Slope
another								
13	1004	1		Long_Crack_NWP		Error	Undeterminable	
13	1005	1		long_crack_wp		Error	Undeterminable	
13	1005	1		Long_Crack_NWP		Error	Undeterminable	
13	1005	1		trans_crack_no		Error	Undeterminable	
13	1005	1		trans_crack_l		Error	Undeterminable	
13	1031	1		Long_Crack_NWP		Error	Undeterminable	
13	1031	1		trans_crack_no		Error	Undeterminable	
13	1031	1		trans_crack_l		Error	Undeterminable	
13	4092	1		Long_Crack_NWP		Error	Undeterminable	
13	4093	1		Long_Crack_NWP		Error	Undeterminable	
13	4096	1		Long_Crack_NWP		Error	Undeterminable	
13	4096	1		trans_crack_no		Error	Undeterminable	
13	4096	1	26-OCT-94ac_rev	trans_crack_l	1.1	Error	Undeterminable	
13	4112	1		Long_Crack_NWP		Error	Undeterminable	
13	4112	1	27-OCT-94ac_rev	patch_a	53.7	Error	Undeterminable	
13	4112	1	27-OCT-94ac_rev	patch_no	1	Error	Undeterminable	
13	4113	1	27-OCT-94	Patching		Error	Undeterminable	- Negative Slope
13	4113	1	27-OCT-94ac_rev	patch_a	108	Error	Undeterminable	- Negative Slope
13	4113	1	27-OCT-94ac_rev	patch_no	1	Error	Undeterminable	- Negative Slope
13	4119	1		Long_Crack_NWP		Error	Undeterminable	
13	4420	1		long_crack_wp		Error	Undeterminable	
13	4420	1		Long_Crack_NWP		Error	Undeterminable	
13	4420	1		trans_crack_no		Error	Undeterminable	
13	4420	1		trans_crack_l		Error	Undeterminable	
13	4420	1		long_crack_wp		Error	Undeterminable	
13	4420	2		trans_crack_l		Error	Undeterminable	
13	7028	1	13-JAN-96pad42_ac	Long_Crack_NWP	5.6	Error	Undeterminable	- Negative Slope
13	7028	1		trans_crack_no		Error	Undeterminable	
13	7028	1		trans_crack_l		Error	Undeterminable	
17	1002	1		long_crack_wp		Error	Undeterminable	
17	1003	1	23-JUN-89pad_ac	Long_Crack_NWP	0	Error	Undeterminable	
17	1003	1	22-JUN-90pad_ac	Long_Crack_NWP	11.076432	Error	Undeterminable	
17	1003	1	26-JUN-95ac_rev	trans_crack_no	1	Error	Undeterminable	
17	1003	1	15-NOV-93pad42_ac	trans_crack_l	3.7	Error	Undeterminable	
17	1003	1	26-JUN-95ac_rev	trans_crack_l	0.8	Error	Undeterminable	
17	5151	1	22-SEP-89pad_ac	long_crack_nwp	2.80416	Only 2 Points,	Negative Slope	
17	5151	1	22-SEP-89pad_ac	trans_crack_no	133	Only 2 Points,	Negative Slope	
17	5151	1	22-SEP-89pad_ac	trans_crack_l	397.273268	Only 2 Points,	Negative Slope	
17	5151	1	07-MAY-90pad_ac	long_crack_nwp	0	Only 2 Points,	Negative Slope	
17	5151	1	07-MAY-90pad_ac	trans_crack_no	0	Only 2 Points,	Negative Slope	
17	5151	1	07-MAY-90pad_ac	trans_crack_l	0	Only 2 Points,	Negative Slope	
17	5151	2		Trans_Crack_No		Error	Undeterminable	- Negative Slope
17	5151	2	19-MAY-91	Trans_Crack		Error	Undeterminable	- Negative Slope

17	5151	2		Trans_Crack_L		Error Undeterminable - Negative Slope
17	5217	1	24-SEP-89pad_ac	trans_crack_no	20	Only 2 Points, Negative Slope
17	5217	1	24-SEP-89pad_ac	trans_crack_l	77.748384	Only 2 Points, Negative Slope
17	5217	1	07-MAY-90pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
17	5217	1	07-MAY-90pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
17	5217	2	29-JUL-94pad42_ac	trans_crack_no	14	Only 2 Points, Negative Slope
17	5217	2	29-JUL-94pad42_ac	trans_crack_l	37.1	Only 2 Points, Negative Slope
17	5217	2	26-MAR-96pad42_ac	trans_crack_no	0	Only 2 Points, Negative Slope
17	5217	2	26-MAR-96pad42_ac	trans_crack_l	0	Only 2 Points, Negative Slope
17	5423	1		Long_Crack_WP		Error Undeterminable - Negative Slope
17	5423	1		Trans_Crack_No		Error Undeterminable - Negative Slope
17	5423	1		Trans_Crack_L		Error Undeterminable - Negative Slope
17	5453	1		block		Error Undeterminable
17	5453	1		long_crack_wp		Error Undeterminable
17	5453	1		Long_Crack_NWP		Error Undeterminable
17	5453	1	13-MAY-91pad_ac	trans_crack_no	3	Error Undeterminable
17	5453	1	15-NOV-93pad42_ac	trans_crack_l	49	Error Undeterminable
17	6050	1	25-MAR-96pad42_ac	Long_Crack_NWP	40.2	Distress Classified as Long WP on 1 Survey & Long NWP on
another						
17	6050	1		trans_crack_no		Error Undeterminable
17	6050	1	15-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	6050	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
17	7937	1		trans_crack_no		Error Undeterminable
17	7937	1	03-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	7937	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
17	9327	1	24-SEP-89pad_ac	trans_crack_no	26	Only 2 Points, Negative Slope
17	9327	1	24-SEP-89pad_ac	trans_crack_l	103.580184	Only 2 Points, Negative Slope
17	9327	1	07-MAY-90pad_ac	trans_crack_no	12	Only 2 Points, Negative Slope
17	9327	1	07-MAY-90pad_ac	trans_crack_l	10.45464	Only 2 Points, Negative Slope
17	9327	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
17	9327	2		Trans_Crack_No		Error Undeterminable - Negative Slope
17	9327	2		Trans_Crack_L		Error Undeterminable - Negative Slope
17	A310	1		Long_Crack_NWP		Error Undeterminable
17	A320	2		long_crack_wp		Error Undeterminable
17	A320	2		Long_Crack_NWP		Error Undeterminable
17	A330	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
17	A330	1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
17	A340	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
17	A340	1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
17	A340	1	02-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	A340	1	02-NOV-90ac_rev	trans_crack_l	30.5	Error Undeterminable
17	A340	1	04-MAY-92	Patching		Apparent Summarization Error in Patching
17	B310	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
17	B310	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
17	B320	2		trans_crack_no		Error Undeterminable
17	B320	2	17-AUG-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	B350	2	16-SEP-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	1028	1		fatigue		Error Undeterminable
18	1028	1		long_crack_wp		Error Undeterminable
18	1028	1		Long_Crack_NWP		Error Undeterminable
18	1028	1		trans_crack_no		Error Undeterminable
18	1028	1	27-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	1028	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
18	1037	1		block		Error Undeterminable
18	1037	1		long_crack_wp		Error Undeterminable
18	1037	1	27-MAY-94pad42_ac	Long_Crack_NWP	52.5	Distress Classified as Long WP on 1 Survey & Long NWP on
another						
18	1037	1		trans_crack_no		Error Undeterminable - Negative Slope
18	1037	1	27-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	1037	1	15-NOV-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	1037	1		trans_crack_l		Error Undeterminable - Negative Slope
18	2008	2		fatigue		Error Undeterminable
18	2008	2		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
18	2008	2		Long_Crack_NWP		Error Undeterminable
18	2008	2		trans_crack_no		Error Undeterminable - Negative Slope
18	2008	2		trans_crack_l		Error Undeterminable - Negative Slope
18	2009	1		fatigue		Error Undeterminable
18	2009	1		long_crack_wp		Error Undeterminable
18	5022	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
18	5022	2		Trans_Crack_No		Error Undeterminable - Negative Slope
18	5022	2		Trans_Crack_L		Error Undeterminable - Negative Slope
18	5518	2		Long_Crack_NWP		Error Undeterminable
18	5538	2		Trans_Crack_No		Error Undeterminable - Negative Slope
18	5538	2	05-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	5538	2		Trans_Crack_L		Error Undeterminable - Negative Slope
18	6012	1		long_crack_wp		Error Undeterminable

18	6012	1	23-MAR-93ac_rev	Long_Crack_NWP	0	Error Undeterminable
18	6012	1	25-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	A310	1		fatigue		Error Undeterminable
18	A310	1	04-APR-90ac_rev	long_crack_wp	51.2	Error Undeterminable - Negative Slope
18	A310	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
18	A310	1		trans_crack_no		Error Undeterminable - Negative Slope
18	A310	1		trans_crack_l		Error Undeterminable - Negative Slope
18	A320	2		fatigue		Error Undeterminable
18	A320	2		long_crack_wp		Error Undeterminable
18	A320	2		Long_Crack_NWP		Error Undeterminable
18	A320	2		trans_crack_no		Error Undeterminable
18	A320	2	20-DEC-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	A320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
18	A330	1		fatigue		Error Undeterminable
18	A330	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
18	A330	1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
18	A330	1		trans_crack_no		Error Undeterminable
18	A330	1	04-APR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	A330	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
18	A340	1		Long_Crack_NWP		Error Undeterminable
18	A340	1		trans_crack_no		Error Undeterminable
18	A340	1		trans_crack_l		Error Undeterminable
18	A350	1	04-APR-90ac_rev	long_crack_nwp	152.5	Only 2 Points, Negative Slope
18	A350	1	28-JUN-90pad_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
18	A350	2	20-DEC-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	0101	1		Fatigue		Error Undeterminable - Negative Slope
19	0109	1	11-SEP-95ac_rev	long_crack_wp	12	Only 2 Points, Negative Slope
19	0109	1	29-MAR-96pad42_ac	long_crack_wp	6.8	Only 2 Points, Negative Slope
19	1044	1		fatigue		Error Undeterminable
19	1044	1		long_crack_wp		Error Undeterminable
19	1044	1		trans_crack_no		Error Undeterminable - Negative Slope
19	1044	1	17-JUN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	1044	1		trans_crack_l		Error Undeterminable - Negative Slope
19	1044	1	01-SEP-94ac_rev	patch_a	12	Error Undeterminable
19	6049	1		trans_crack_no		Error Undeterminable
19	6049	1	25-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	6049	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
19	6150	1		fatigue		Error Undeterminable
19	6150	1		block		Error Undeterminable - Negative Slope
19	6150	1	02-MAY-91ac_rev	long_crack_wp	156.1	Error Undeterminable - Negative Slope
19	6150	1	02-MAY-91ac_rev	Long_Crack_NWP	0	Error Undeterminable
19	6150	1		trans_crack_no		Error Undeterminable
19	6150	1	05-APR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	6150	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
19	9116	2		Long_Crack_NWP		Error Undeterminable
19	9116	2		trans_crack_no		Error Undeterminable
19	9116	2	15-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	9116	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
19	A310	2		long_crack_wp		Error Undeterminable
19	A320	2		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another						
19	A320	2		block		Error Undeterminable - Negative Slope
19	A320	2	19-NOV-90ac_rev	long_crack_wp	7.3	Error Undeterminable - Negative Slope
19	A320	2		Long_Crack_NWP		Error Undeterminable
19	A320	2		trans_crack_no		Error Undeterminable
19	A320	2		trans_crack_l		Error Undeterminable
19	A330	1		fatigue		Error Undeterminable
19	A330	1	02-MAY-91ac_rev	block	71.8	Error Undeterminable - Negative Slope
19	A330	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
19	A330	1		Long_Crack_NWP		Error Undeterminable
19	A330	1		trans_crack_l		Error Undeterminable - Negative Slope
19	A340	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another						
19	A340	1		block		Error Undeterminable - Negative Slope
19	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
19	A340	1		trans_crack_no		Error Undeterminable
19	A340	1		trans_crack_l		Error Undeterminable
19	A350	2		block		Error Undeterminable
19	A350	2		long_crack_wp		Error Undeterminable
19	A350	2		trans_crack_no		Error Undeterminable
19	A350	2	18-MAY-91pad_ac	trans_crack_l	155.673544	Error Undeterminable
20	0101	1		fatigue		Error Undeterminable
20	0101	1		long_crack_wp		Error Undeterminable
20	0102	1		fatigue		Error Undeterminable
20	0102	1		long_crack_wp		Error Undeterminable
20	0102	1		Long_Crack_NWP		Error Undeterminable
20	0102	1		trans_crack_no		Error Undeterminable
20	0102	1		trans_crack_l		Error Undeterminable

20	0103	1		Long_Crack_NWP		Error Undeterminable
20	0103	1	23-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	0103	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	0104	1		long_crack_wp		Error Undeterminable
20	0104	1	23-APR-96pad42_ac	trans_crack_no	7	Error Undeterminable
20	0104	1	23-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	0104	1	23-APR-96pad42_ac	trans_crack_l	28.6	Error Undeterminable
20	0105	1		long_crack_wp		Error Undeterminable
20	0105	1		trans_crack_no		Error Undeterminable
20	0105	1	23-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	0105	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	0106	1		fatigue		Error Undeterminable
20	0106	1		long_crack_wp		Error Undeterminable
20	0106	1		Long_Crack_NWP		Error Undeterminable
20	0106	1	23-APR-96pad42_ac	trans_crack_no	9	Error Undeterminable
20	0106	1	23-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	0106	1	23-APR-96pad42_ac	trans_crack_l	35.2	Error Undeterminable
20	0107	1		fatigue		Error Undeterminable
20	0107	1		long_crack_wp		Error Undeterminable
20	0107	1	23-APR-96pad42_ac	trans_crack_no	25	Error Undeterminable
20	0107	1	23-APR-96pad42_ac	trans_crack_l	80.6	Error Undeterminable
20	0108	1		long_crack_wp		Error Undeterminable
20	0108	1	23-APR-96pad42_ac	trans_crack_no	11	Error Undeterminable
20	0108	1	23-APR-96pad42_ac	trans_crack_l	40.7	Error Undeterminable
20	0109	1		long_crack_wp		Error Undeterminable
20	0109	1		Long_Crack_NWP		Error Undeterminable
20	0109	1	23-APR-96pad42_ac	trans_crack_no	15	Error Undeterminable
20	0109	1	23-APR-96pad42_ac	trans_crack_l	44.8	Error Undeterminable
20	0110	1		long_crack_wp		Error Undeterminable
20	0110	1		Long_Crack_NWP		Error Undeterminable
20	0110	1	23-APR-96pad42_ac	trans_crack_no	11	Error Undeterminable
20	0110	1	23-APR-96pad42_ac	trans_crack_l	38.9	Error Undeterminable
20	0111	1		fatigue		Error Undeterminable
20	0112	1		long_crack_wp		Error Undeterminable
20	0112	1		Long_Crack_NWP		Error Undeterminable
20	0112	1	23-APR-96pad42_ac	trans_crack_no	5	Error Undeterminable
20	0112	1	23-APR-96pad42_ac	trans_crack_l	16.7	Error Undeterminable
20	1005	1		fatigue		Error Undeterminable
20	1005	1		block		Error Undeterminable
20	1005	1		long_crack_wp		Error Undeterminable
20	1005	1		trans_crack_no		Error Undeterminable
20	1005	1	23-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	1005	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	1006	1		long_crack_wp		Error Undeterminable
20	1006	1	26-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	1006	1	26-AUG-88ac_rev	trans_crack_l	0	Error Undeterminable
20	1009	1		fatigue		Error Undeterminable - Negative Slope
20	1009	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
20	1009	1		trans_crack_no		Error Undeterminable
20	1009	1		trans_crack_l		Error Undeterminable
20	1010	1		fatigue		Error Undeterminable
20	1010	1		long_crack_wp		Error Undeterminable
20	1010	1		Long_Crack_NWP		Error Undeterminable
20	1010	1		trans_crack_no		Error Undeterminable
20	1010	1	25-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	1010	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	6026	2	15-JUN-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	6026	2	23-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	7073	1		Fatigue		Error Undeterminable - Negative Slope
20	7073	1		trans_crack_no		Error Undeterminable
20	7073	1	04-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	7073	1		Trans_Crack_L		Error Undeterminable - Negative Slope
20	7073	2	16-MAY-94ac_rev	long_crack_nwp	49.5	Only 2 Points, Negative Slope
20	7073	2	16-MAY-94ac_rev	trans_crack_no	9	Only 2 Points, Negative Slope
20	7073	2	16-MAY-94ac_rev	trans_crack_l	8.7	Only 2 Points, Negative Slope
20	7073	2	14-JUN-94pad42_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
20	7073	2	14-JUN-94pad42_ac	trans_crack_no	0	Only 2 Points, Negative Slope
20	7073	2	14-JUN-94pad42_ac	trans_crack_l	0	Only 2 Points, Negative Slope
20	7085	1		fatigue		Error Undeterminable
20	7085	1		trans_crack_no		Error Undeterminable
20	7085	1	24-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	7085	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	A310	2	05-DEC-90pad_ac	trans_crack_no	4	Error Undeterminable
20	A310	2		trans_crack_l		Error Undeterminable
20	A320	2		long_crack_wp		Error Undeterminable
20	A320	2	18-APR-91ac_rev	Long_Crack_NWP	42	Error Undeterminable
20	A320	2		trans_crack_no		Error Undeterminable - Negative Slope
20	A330	1		long_crack_wp		Error Undeterminable - Negative Slope
20	A330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
20	A330	1		trans_crack_no		Error Undeterminable - Negative Slope
20	A330	1		trans_crack_l		Error Undeterminable - Negative Slope

20	A340	1		block		Error Undeterminable
20	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
20	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
20	A340	1		trans_crack_no		Error Undeterminable - Negative Slope
20	A350	2		long_crack_wp		Error Undeterminable
20	A350	2	18-APR-91ac_rev	Long_Crack_NWP	42	Error Undeterminable
20	A350	2		trans_crack_no		Error Undeterminable - Negative Slope
20	A350	2		trans_crack_l		Error Undeterminable - Negative Slope
20	B310	2		Long_Crack_NWP		Error Undeterminable
20	B310	2		trans_crack_no		Error Undeterminable
20	B310	2	29-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B310	2	29-APR-91ac_rev	trans_crack_l	36	Error Undeterminable
20	B320	2	28-NOV-90ac_rev	long_crack_wp	23	Error Undeterminable - Negative Slope
20	B320	2		Long_Crack_NWP		Error Undeterminable
20	B320	2		trans_crack_no		Error Undeterminable
20	B320	2	28-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	B320	2	22-APR-93	Patching		Apparent Summarization Error in Patching
20	B320	2	13-APR-95	Patching		Apparent Summarization Error in Patching
20	B320	2	24-MAR-97	Patching		Apparent Summarization Error in Patching
20	B320	2		patch_a		Error Undeterminable
20	B330	1		fatigue		Error Undeterminable
20	B330	1	29-APR-91ac_rev	long_crack_wp	15	Error Undeterminable - Negative Slope
20	B330	1		Long_Crack_NWP		Error Undeterminable
20	B330	1		trans_crack_no		Error Undeterminable
20	B330	1	28-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B330	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
20	B340	1		fatigue		Error Undeterminable
20	B340	1		long_crack_wp		Error Undeterminable
20	B340	1	10-DEC-90pad_ac	Long_Crack_NWP	6.94944	Error Undeterminable - Negative Slope
20	B340	1		trans_crack_l		Error Undeterminable - Negative Slope
20	B350	2	10-DEC-90pad_ac	Long_Crack_NWP	5.690616	Error Undeterminable - Negative Slope
20	B350	2		trans_crack_no		Error Undeterminable
20	B350	2	28-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B350	2	29-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B350	2	26-OCT-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B350	2	03-MAR-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B350	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
21	1010	1	09-JUL-91	Patching		Apparent Summarization Error in Patching
21	1010	1	09-MAR-93	Patching		Apparent Summarization Error in Patching
21	1014	1		trans_crack_no		Error Undeterminable
21	1014	1	03-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
21	1034	1		Long_Crack_NWP		Error Undeterminable
21	1034	1		patch_a		Error Undeterminable
21	1034	2		Long_Crack_NWP		Error Undeterminable
21	6043	1		Long_Crack_NWP		Error Undeterminable
21	A320	1	23-JAN-90ac_rev	trans_crack_no	1	Only 2 Points, Negative Slope
21	A320	1	23-JAN-90ac_rev	trans_crack_l	3.7	Only 2 Points, Negative Slope
21	A320	1	28-JUN-90pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
21	A320	1	28-JUN-90pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
21	A320	2	18-AUG-92ac_rev	long_crack_wp	18.9	Error Undeterminable - Negative Slope
21	A320	2		trans_crack_no		Error Undeterminable
21	A320	2		trans_crack_l		Error Undeterminable
21	A330	1		long_crack_wp		Error Undeterminable
21	A330	1		Long_Crack_NWP		Error Undeterminable
21	A330	1		trans_crack_no		Error Undeterminable
21	A330	1		trans_crack_l		Error Undeterminable
21	A340	1		fatigue		Error Undeterminable - Negative Slope
21	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
21	A340	1	08-MAY-91pad_ac	Long_Crack_NWP	9.689592	Distress Classified as Long WP on 1 Survey & Long NWP on another
21	A340	1	09-MAR-93	Patching		Apparent Summarization Error in Patching
21	A340	1	14-DEC-94	Patching		Apparent Summarization Error in Patching
21	A340	1		patch_no		Error Undeterminable
21	A350	1	23-JAN-90ac_rev	Fatigue	2.8	Only 2 Points, Negative Slope
21	A350	1	28-JUN-90pad_ac	Fatigue	0	Only 2 Points, Negative Slope
21	B310	2		Long_Crack_NWP		Error Undeterminable
21	B320	2		Long_Crack_NWP		Error Undeterminable
21	B330	1		Long_Crack_NWP		Error Undeterminable
21	B340	1	28-JUN-90pad_ac	Long_Crack_NWP	27.008328	Error Undeterminable
21	B340	1	10-MAR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
21	B340	1	12-DEC-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
21	B350	1	06-APR-90ac_rev	long_crack_nwp	109.7	Only 2 Points, Negative Slope
21	B350	1	06-APR-90ac_rev	trans_crack_no	1	Only 2 Points, Negative Slope
21	B350	1	06-APR-90ac_rev	trans_crack_l	0.6	Only 2 Points, Negative Slope
21	B350	1	28-JUN-90pad_ac	long_crack_nwp	23.030688	Only 2 Points, Negative Slope
21	B350	1	28-JUN-90pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
21	B350	1	28-JUN-90pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
22	3056	1		fatigue		Error Undeterminable
22	3056	1		trans_crack_no		Error Undeterminable
22	3056	1		trans_crack_l		Error Undeterminable

23	0501	1	Long_Crack_NWP		Error Undeterminable - Negative Slope	
23	0501	1	Trans_Crack_No		Error Undeterminable - Negative Slope	
23	0501	1	Trans_Crack_L		Error Undeterminable - Negative Slope	
23	0509	2	Long_Crack_WP		Error Undeterminable - Negative Slope	
23	1001	1	Long_Crack_NWP		Error Undeterminable - Negative Slope	
23	1001	1	trans_crack_no		Error Undeterminable	
23	1001	1	trans_crack_l		Error Undeterminable	
23	1001	1	11-AUG-89	Patching	Apparent Summarization Error in Patching	
23	1001	1		Patch_A	Error Undeterminable - Negative Slope	
23	1001	1		patch_no	Error Undeterminable	
23	1009	1	Long_Crack_NWP		Error Undeterminable - Negative Slope	
23	1009	1	trans_crack_no		Error Undeterminable	
23	1009	1	trans_crack_l		Error Undeterminable	
23	1009	2	26-OCT-95pad42_ac	trans_crack_l	14.3	Only 2 Points, Negative Slope
23	1009	2	18-AUG-97ac_rev	trans_crack_l	13	Only 2 Points, Negative Slope
23	1026	1	30-AUG-90pad_ac	trans_crack_no	7	Error Undeterminable
23	1026	1	30-AUG-90pad_ac	trans_crack_l	12.804648	Error Undeterminable
23	1026	2		trans_crack_no		Error Undeterminable
23	7023	1		fatigue		Error Undeterminable
23	7023	1		long_crack_wp		Error Undeterminable
23	7023	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
23	7023	1	28-APR-93pad42_ac	trans_crack_no	10	Error Undeterminable
23	7023	1		trans_crack_l		Error Undeterminable - Negative Slope
24	0501	1		fatigue		Error Undeterminable
24	0501	1		block		Error Undeterminable - Negative Slope
24	0501	1		long_crack_wp		Error Undeterminable - Negative Slope
24	0501	1		Long_Crack_NWP		Error Undeterminable
24	0501	1	08-NOV-95pad42_ac	trans_crack_no	15	Error Undeterminable
24	0501	1		trans_crack_l		Error Undeterminable
24	0501	1		patch_a		Error Undeterminable
24	0502	1	15-MAY-90ac_rev	patch_no	3	Only 2 Points, Negative Slope
24	0502	1	15-MAY-90ac_rev	patch_a	2.6	Only 2 Points, Negative Slope
24	0502	1	20-FEB-92ac_rev	patch_no	2	Only 2 Points, Negative Slope
24	0502	1	20-FEB-92ac_rev	patch_a	1.2	Only 2 Points, Negative Slope
24	0502	2		Long_Crack_NWP		Error Undeterminable
24	0502	2		Trans_Crack_No		Error Undeterminable - Negative Slope
24	0502	2	07-MAY-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	0502	2		Trans_Crack_L		Error Undeterminable - Negative Slope
24	0503	1	15-MAY-90ac_rev	long_crack_wp	64.9	Only 2 Points, Negative Slope
24	0503	1	15-MAY-90ac_rev	trans_crack_l	35.4	Only 2 Points, Negative Slope
24	0503	1	20-FEB-92ac_rev	long_crack_wp	3	Only 2 Points, Negative Slope
24	0503	1	20-FEB-92ac_rev	trans_crack_l	34.2	Only 2 Points, Negative Slope
24	0503	2		Trans_Crack_No		Error Undeterminable - Negative Slope
24	0503	2		Trans_Crack_L		Error Undeterminable - Negative Slope
24	0504	1	15-MAY-90ac_rev	long_crack_wp	69.8	Only 2 Points, Negative Slope
24	0504	1	15-MAY-90ac_rev	trans_crack_no	11	Only 2 Points, Negative Slope
24	0504	1	15-MAY-90ac_rev	trans_crack_l	32.3	Only 2 Points, Negative Slope
24	0504	1	20-FEB-92ac_rev	long_crack_wp	3	Only 2 Points, Negative Slope
24	0504	1	20-FEB-92ac_rev	trans_crack_no	9	Only 2 Points, Negative Slope
24	0504	1	20-FEB-92ac_rev	trans_crack_l	31.3	Only 2 Points, Negative Slope
24	0505	1	15-MAY-90ac_rev	long_crack_wp	83.5	Only 2 Points, Negative Slope
24	0505	1	15-MAY-90ac_rev	long_crack_nwp	5.5	Only 2 Points, Negative Slope
24	0505	1	15-MAY-90ac_rev	trans_crack_l	36.6	Only 2 Points, Negative Slope
24	0505	1	20-FEB-92ac_rev	long_crack_wp	0	Only 2 Points, Negative Slope
24	0505	1	20-FEB-92ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
24	0505	1	20-FEB-92ac_rev	trans_crack_l	35.4	Only 2 Points, Negative Slope
24	0505	2	16-OCT-95ac_rev	long_crack_nwp	65.1	Only 2 Points, Negative Slope
24	0505	2	08-NOV-95pad42_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
24	0506	1	15-MAY-90ac_rev	long_crack_wp	35.4	Only 2 Points, Negative Slope
24	0506	1	21-FEB-92ac_rev	long_crack_wp	5.8	Only 2 Points, Negative Slope
24	0506	2	17-OCT-95ac_rev	long_crack_nwp	46.7	Only 2 Points, Negative Slope
24	0506	2	08-NOV-95pad42_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
24	0507	1	15-MAY-90ac_rev	long_crack_wp	54.3	Only 2 Points, Negative Slope
24	0507	1	20-FEB-92ac_rev	long_crack_wp	21.1	Only 2 Points, Negative Slope
24	0508	1	15-MAY-90ac_rev	long_crack_wp	46	Only 2 Points, Negative Slope
24	0508	1	21-FEB-92ac_rev	long_crack_wp	0	Only 2 Points, Negative Slope
24	0508	2		Long_Crack_NWP		Error Undeterminable
24	0509	1	15-MAY-90ac_rev	long_crack_wp	89	Only 2 Points, Negative Slope
24	0509	1	15-MAY-90ac_rev	trans_crack_l	21.9	Only 2 Points, Negative Slope
24	0509	1	21-FEB-92ac_rev	long_crack_wp	0	Only 2 Points, Negative Slope
24	0509	1	21-FEB-92ac_rev	trans_crack_l	19.5	Only 2 Points, Negative Slope
24	0509	2		Long_Crack_WP		Error Undeterminable - Negative Slope
24	0509	2		Trans_Crack_No		Error Undeterminable - Negative Slope
24	0509	2	13-MAY-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	0509	2		Trans_Crack_L		Error Undeterminable - Negative Slope
24	1632	1		fatigue		Error Undeterminable
24	1632	1		Long_Crack_NWP		Error Undeterminable
24	1632	1		trans_crack_no		Error Undeterminable
24	1632	1		trans_crack_l		Error Undeterminable
24	1634	1		fatigue		Error Undeterminable
24	1634	1		long_crack_wp		Error Undeterminable

24	1634	1		Long_Crack_NWP		Error Undeterminable
24	1634	1		trans_crack_no		Error Undeterminable
24	1634	1	17-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	1634	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
24	2805	2	08-NOV-95pad42_ac	long_crack_nwp	19.1	Only 2 Points, Negative Slope
24	2805	2	08-NOV-95pad42_ac	trans_crack_no	2	Only 2 Points, Negative Slope
24	2805	2	08-NOV-95pad42_ac	trans_crack_l	5.8	Only 2 Points, Negative Slope
24	2805	2	06-MAY-97ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
24	2805	2	06-MAY-97ac_rev	trans_crack_no	0	Only 2 Points, Negative Slope
24	2805	2	06-MAY-97ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
24	A310	1	31-OCT-89ac_rev	block	3.1	Only 2 Points, Negative Slope
24	A310	1	02-JUL-90pad_ac	block	0	Only 2 Points, Negative Slope
24	A310	2	07-APR-98	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	A320	1	31-OCT-89ac_rev	block	2.2	Error Undeterminable - Negative Slope
24	A320	1		Long_Crack_NWP		Error Undeterminable
24	A320	1		trans_crack_no		Error Undeterminable
24	A320	1	03-DEC-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	A320	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
24	A330	1		fatigue		Error Undeterminable
24	A330	1	28-NOV-90ac_rev	block	9.3	Error Undeterminable - Negative Slope
24	A330	1	13-MAY-92ac_rev	long_crack_wp	10.9	Error Undeterminable - Negative Slope
24	A330	1		Long_Crack_NWP		Error Undeterminable
24	A330	1		trans_crack_no		Error Undeterminable - Negative Slope
24	A330	1		trans_crack_l		Error Undeterminable - Negative Slope
24	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
24	A340	1		Long_Crack_NWP		Error Undeterminable
24	A340	1		trans_crack_no		Error Undeterminable
24	A340	1	03-DEC-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
24	A340	1		trans_crack_l		Error Undeterminable - Negative Slope
24	A350	1	31-OCT-89ac_rev	block	13.4	Error Undeterminable - Negative Slope
24	A350	1		Long_Crack_NWP		Error Undeterminable
24	A350	1	02-JUL-90pad_ac	trans_crack_no	18	Error Undeterminable - Negative Slope
24	A350	1	02-JUL-90pad_ac	trans_crack_l	12.030456	Error Undeterminable - Negative Slope
25	1002	1		fatigue		Error Undeterminable
25	1002	1		block		Error Undeterminable
25	1002	1		long_crack_wp		Error Undeterminable
25	1002	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
25	1002	1		trans_crack_no		Error Undeterminable
25	1002	1		trans_crack_l		Error Undeterminable
25	1003	1		fatigue		Error Undeterminable
25	1003	1		long_crack_wp		Error Undeterminable
25	1003	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
25	1003	1		trans_crack_no		Error Undeterminable
25	1003	1		trans_crack_l		Error Undeterminable
26	0603	2		Long_Crack_NWP		Error Undeterminable
26	0603	2	25-AUG-92ac_rev	trans_crack_no	3	Error Undeterminable
26	0603	2		trans_crack_l		Error Undeterminable
26	0604	2		long_crack_wp		Error Undeterminable
26	0604	2	26-AUG-95ac_rev	Long_Crack_NWP	0	Apparent Maint or Rehab on Section
26	0604	2		trans_crack_no		Error Undeterminable
26	0604	2		trans_crack_l		Error Undeterminable
26	0606	2		trans_crack_no		Error Undeterminable
26	0606	2		trans_crack_l		Error Undeterminable
26	0607	2		trans_crack_no		Error Undeterminable
26	0607	2		trans_crack_l		Error Undeterminable
26	0608	2		trans_crack_no		Error Undeterminable
26	0608	2	17-MAY-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	1001	1		fatigue		Error Undeterminable
26	1001	1		long_crack_wp		Error Undeterminable
26	1001	1		Long_Crack_NWP		Error Undeterminable
26	1001	1		trans_crack_no		Error Undeterminable
26	1001	1	12-MAY-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	1001	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
26	1004	1		fatigue		Error Undeterminable
26	1004	1		trans_crack_no		Error Undeterminable
26	1004	1		trans_crack_l		Error Undeterminable
26	1010	1		fatigue		Error Undeterminable - Negative Slope
26	1010	1		long_crack_wp		Error Undeterminable
26	1010	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	1010	1		trans_crack_no		Error Undeterminable
26	1010	1		trans_crack_l		Error Undeterminable
26	1012	1		fatigue		Error Undeterminable
26	1012	1		long_crack_wp		Error Undeterminable
26	1012	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	1012	1		trans_crack_no		Error Undeterminable
26	1012	1	18-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	1012	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
26	1012	1	09-JUN-93pad42_ac	patch_a	19	Error Undeterminable
26	1012	1	09-JUN-93pad42_ac	patch_no	16	Error Undeterminable
26	1013	1		fatigue		Error Undeterminable
26	1013	1	17-JUL-91ac_rev	Long_Crack_NWP	75.5	Error Undeterminable

26	1013	1	09-JUN-93ac_rev	Long_Crack_NWP	8.5	Distress Classified as Long WP on 1 Survey & Long NWP on another
26	1013	1		trans_crack_no		Error Undeterminable
26	1013	1	17-JUL-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	1013	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
26	6016	1		block		Error Undeterminable
26	6016	1		long_crack_wp		Error Undeterminable
26	6016	1	08-JUL-94ac_rev	Long_Crack_NWP	66	Error Undeterminable
26	6016	1	20-JUL-88ac_rev	trans_crack_no	7	Discrepancy between Block and Long & Trans Cracking
26	6016	1	20-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	6016	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
26	7072	1		Long_Crack_NWP		Error Undeterminable
26	A310	2		fatigue		Error Undeterminable
26	A310	2		long_crack_wp		Error Undeterminable
26	A310	2		Long_Crack_NWP		Error Undeterminable
26	A310	2		trans_crack_no		Error Undeterminable
26	A310	2		trans_crack_l		Error Undeterminable
26	A320	2		fatigue		Error Undeterminable
26	A320	2		long_crack_wp		Error Undeterminable - Negative Slope
26	A320	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	A320	2	12-OCT-90ac_rev	trans_crack_no	5	Error Undeterminable
26	A320	2	12-OCT-90ac_rev	trans_crack_l	12.2	Error Undeterminable
26	A330	1		fatigue		Error Undeterminable
26	A330	1		long_crack_wp		Error Undeterminable
26	A330	1		Long_Crack_NWP		Error Undeterminable
26	A330	1		trans_crack_no		Error Undeterminable
26	A330	1		trans_crack_l		Error Undeterminable
26	A340	1		long_crack_wp		Error Undeterminable
26	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	A340	1	11-OCT-90pad_ac	trans_crack_no	24	Error Undeterminable
26	A340	1	14-FEB-90ac_rev	trans_crack_l	32.9	Error Undeterminable
26	A340	1	03-SEP-92	Patching		Apparent Summarization Error in Patching
26	A350	2		long_crack_wp		Error Undeterminable - Negative Slope
26	A350	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	A350	2		trans_crack_no		Error Undeterminable - Negative Slope
26	A350	2		trans_crack_l		Error Undeterminable - Negative Slope
26	B310	2		long_crack_wp		Error Undeterminable
26	B310	2		Long_Crack_NWP		Error Undeterminable
26	B310	2	02-SEP-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	B320	2		fatigue		Error Undeterminable
26	B320	2		long_crack_wp		Error Undeterminable
26	B320	2	27-SEP-91pad_ac	Long_Crack_NWP	30.010608	Error Undeterminable - Negative Slope
26	B320	2		trans_crack_no		Error Undeterminable
26	B320	2	15-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	B320	2	18-JUL-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	B320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
26	B330	1		fatigue		Error Undeterminable
26	B330	1		long_crack_wp		Error Undeterminable - Negative Slope
26	B330	1		Long_Crack_NWP		Error Undeterminable
26	B330	1		trans_crack_no		Error Undeterminable
26	B330	1		trans_crack_l		Error Undeterminable
26	B340	1		fatigue		Error Undeterminable
26	B340	1		long_crack_wp		Error Undeterminable
26	B340	1		Long_Crack_NWP		Error Undeterminable
26	B340	1		trans_crack_no		Error Undeterminable
26	B340	1		trans_crack_l		Error Undeterminable
26	B350	2		fatigue		Error Undeterminable
26	B350	2		long_crack_wp		Error Undeterminable
26	B350	2		Long_Crack_NWP		Error Undeterminable
26	B350	2		trans_crack_no		Error Undeterminable
26	B350	2		trans_crack_l		Error Undeterminable
26	C330	1		fatigue		Error Undeterminable
26	C330	1		long_crack_wp		Error Undeterminable
26	C330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	C330	1	27-SEP-91pad_ac	trans_crack_no	8	Error Undeterminable
26	C330	1	27-SEP-91pad_ac	trans_crack_l	7.687056	Error Undeterminable
26	C340	1		fatigue		Error Undeterminable - Negative Slope
26	C340	1		long_crack_wp		Error Undeterminable
26	C340	1		trans_crack_no		Error Undeterminable
26	C340	1		trans_crack_l		Error Undeterminable
26	D310	2		long_crack_wp		Error Undeterminable
26	D310	2		Long_Crack_NWP		Error Undeterminable
26	D310	2		trans_crack_no		Error Undeterminable
26	D320	1	23-MAY-90ac_rev	long_crack_nwp	79.2	Only 2 Points, Negative Slope
26	D320	1	23-JUL-90pad_ac	long_crack_nwp	55.245	Only 2 Points, Negative Slope
26	D320	2	17-OCT-90ac_rev	fatigue	4.5	Error Undeterminable - Negative Slope
26	D320	2		long_crack_wp		Error Undeterminable
26	D320	2	31-AUG-92ac_rev	Long_Crack_NWP	0	Error Undeterminable
26	D320	2		trans_crack_no		Error Undeterminable
26	D320	2	17-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	D320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking

26	D330	1		long_crack_wp		Error Undeterminable
26	D330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
26	D330	1		trans_crack_no		Error Undeterminable
26	D330	1		trans_crack_l		Error Undeterminable
26	D340	1		fatigue		Error Undeterminable - Negative Slope
26	D340	1		long_crack_wp		Error Undeterminable
26	D340	1		Long_Crack_NWP		Error Undeterminable
26	D340	1		trans_crack_no		Error Undeterminable
26	D340	1		trans_crack_l		Error Undeterminable
26	D350	2		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on another
26	D350	2	31-AUG-92ac_rev	Long_Crack_NWP	17.4	Error Undeterminable
26	D350	2		trans_crack_no		Error Undeterminable
26	D350	2		trans_crack_l		Error Undeterminable
27	0501	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	0501	1		trans_crack_no		Error Undeterminable
27	0501	1	05-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0501	1	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0501	1		trans_crack_l		Error Undeterminable - Negative Slope
27	0502	2	09-NOV-94ac_rev	Long_Crack_NWP	0	Error Undeterminable
27	0502	2		trans_crack_no		Error Undeterminable
27	0502	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0502	2	24-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0502	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0503	2		Long_Crack_NWP		Error Undeterminable
27	0503	2		trans_crack_no		Error Undeterminable
27	0503	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0503	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0504	2		Long_Crack_NWP		Error Undeterminable
27	0504	2	13-JUN-95pad42_ac	trans_crack_no	19	Error Undeterminable
27	0504	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0504	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0505	2		trans_crack_no		Error Undeterminable
27	0505	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0505	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0506	2	17-JUN-92ac_rev	long_crack_wp	13.7	Error Undeterminable - Negative Slope
27	0506	2		Long_Crack_NWP		Error Undeterminable
27	0506	2	13-JUN-95pad42_ac	trans_crack_no	25	Error Undeterminable
27	0506	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0506	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0507	2		Long_Crack_NWP		Error Undeterminable
27	0507	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0507	2	23-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0507	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0508	2		Long_Crack_NWP		Error Undeterminable
27	0508	2		trans_crack_no		Error Undeterminable
27	0508	2	13-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0508	2	24-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	0508	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	0509	2	17-JUN-92ac_rev	long_crack_wp	17.1	Error Undeterminable - Negative Slope
27	0509	2		Long_Crack_NWP		Error Undeterminable
27	0509	2	17-JUN-92ac_rev	trans_crack_no	17	Error Undeterminable
27	0509	2	17-JUN-92ac_rev	trans_crack_l	52.4	Error Undeterminable
27	1016	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
27	1016	1		block		Error Undeterminable
27	1016	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	1016	1		trans_crack_no		Error Undeterminable - Negative Slope
27	1016	1		trans_crack_l		Error Undeterminable - Negative Slope
27	1018	1		block		Error Undeterminable
27	1018	1		trans_crack_no		Error Undeterminable - Negative Slope
27	1018	1	24-APR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1018	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	1018	2	13-JUN-95ac_rev	block	55	Error Undeterminable - Negative Slope
27	1018	2		long_crack_wp		Error Undeterminable - Negative Slope
27	1018	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	1018	2		trans_crack_no		Error Undeterminable - Negative Slope
27	1018	2	20-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1018	2		trans_crack_l		Error Undeterminable - Negative Slope
27	1019	1		fatigue		Error Undeterminable - Negative Slope
27	1019	1		block		Error Undeterminable
27	1019	1		Long_Crack_NWP		Error Undeterminable
27	1019	1		trans_crack_no		Error Undeterminable
27	1019	1	07-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1019	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	1023	1		long_crack_wp		Error Undeterminable
27	1023	1	24-APR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1023	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	1023	1	27-SEP-93	Patching		Apparent Summarization Error in Patching
27	1028	1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on another

27	1028	1	08-SEP-88ac_rev	trans_crack_no	25	Error Undeterminable
27	1028	1	08-SEP-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1028	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	1028	1	09-AUG-94ac_rev	patch_a	25	Error Undeterminable
27	1028	1	09-AUG-94ac_rev	patch_no	19	Error Undeterminable
27	1085	1	09-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1087	1		Long_Crack_NWP		Error Undeterminable
27	1087	1	06-OCT-88ac_rev	trans_crack_no	10	Error Undeterminable
27	1087	1	06-OCT-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	1087	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	6064	1	27-SEP-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	6064	2	02-JUN-93pad42_ac	trans_crack_no	21	Only 2 Points, Negative Slope
27	6064	2	02-JUN-93pad42_ac	trans_crack_l	84.2	Only 2 Points, Negative Slope
27	6064	2	20-JUN-96pad42_ac	trans_crack_no	20	Only 2 Points, Negative Slope
27	6064	2	20-JUN-96pad42_ac	trans_crack_l	73.8	Only 2 Points, Negative Slope
27	6251	1		fatigue		Error Undeterminable
27	6251	1		long_crack_wp		Error Undeterminable
27	6251	1	01-MAY-90ac_rev	trans_crack_no	30	Error Undeterminable
27	6251	1	01-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	6251	1	01-MAY-90ac_rev	trans_crack_l	0	Error Undeterminable
27	6251	1	30-MAY-90pad_ac	trans_crack_l	139.25702	Error Undeterminable
27	7090	1	11-MAY-93pad42_ac	trans_crack_no	5	Error Undeterminable - Negative Slope
27	7090	1	20-SEP-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	7090	1	15-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	7090	1	08-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	7090	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	7090	1	20-SEP-88	Patching		Apparent Summarization Error in Patching
27	7090	1	15-JUN-89	Patching		Apparent Summarization Error in Patching
27	A310	2		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on another
27	A310	2		trans_crack_no		Error Undeterminable
27	A310	2		trans_crack_l		Error Undeterminable
27	A320	2		long_crack_wp		Discrepancy between Block and Long & Trans Cracking
27	A320	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	A320	2		Trans_Crack_No		Error Undeterminable - Negative Slope
27	A320	2		Trans_Crack_L		Error Undeterminable - Negative Slope
27	A330	1		long_crack_wp		Discrepancy between Block and Long & Trans Cracking
27	A330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	A330	1		Trans_Crack_No		Error Undeterminable - Negative Slope
27	A330	1		Trans_Crack_L		Error Undeterminable - Negative Slope
27	A340	1		long_crack_wp		Discrepancy between Block and Long & Trans Cracking
27	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	A340	1		Trans_Crack_No		Error Undeterminable - Negative Slope
27	A340	1		Trans_Crack_L		Error Undeterminable - Negative Slope
27	A350	2		long_crack_wp		Discrepancy between Block and Long & Trans Cracking
27	A350	2		Long_Crack_NWP		Error Undeterminable
27	A350	2		Trans_Crack_No		Error Undeterminable - Negative Slope
27	A350	2	08-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	A350	2		Trans_Crack_L		Error Undeterminable - Negative Slope
27	B310	2	18-JUN-91pad_ac	long_crack_wp	0	Error Undeterminable
27	B310	2	18-JUN-91pad_ac	trans_crack_no	29	Error Undeterminable
27	B310	2	18-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	B310	2	18-JUN-91pad_ac	trans_crack_l	109.16716	Error Undeterminable
27	B320	2	02-AUG-95ac_rev	Long_Crack_NWP	95.2	Error Undeterminable
27	B330	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another						
27	B330	1		long_crack_wp		Error Undeterminable
27	B330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	B330	1		trans_crack_l		Error Undeterminable - Negative Slope
27	B340	1		block		Error Undeterminable
27	B340	1		long_crack_wp		Error Undeterminable
27	B340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	B350	2	02-AUG-95ac_rev	Long_Crack_NWP	64.2	Error Undeterminable
27	B350	2		trans_crack_no		Error Undeterminable - Negative Slope
27	B350	2	02-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	B350	2	02-AUG-95ac_rev	trans_crack_l	119.1	Error Undeterminable
27	C310	2	15-JUN-92ac_rev	long_crack_wp	152.6	Error Undeterminable - Negative Slope
27	C310	2		Long_Crack_NWP		Error Undeterminable
27	C310	2		trans_crack_no		Error Undeterminable - Negative Slope
27	C310	2	01-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	C310	2	01-AUG-95ac_rev	trans_crack_l	116	Error Undeterminable
27	C320	2		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another						
27	C320	2		block		Error Undeterminable
27	C320	2		long_crack_wp		Error Undeterminable
27	C320	2		Long_Crack_NWP		Error Undeterminable
27	C320	2		Trans_Crack_No		Error Undeterminable - Negative Slope
27	C320	2	01-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	C320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
27	C330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
27	C330	1		trans_crack_no		Error Undeterminable - Negative Slope

27	C330	1	27-JUL-93	Trans_Crack			Apparent Summarization Error in Trans Cracking
27	C330	1		trans_crack_l			Error Undeterminable - Negative Slope
27	C340	1		fatigue			Error Undeterminable - Negative Slope
27	C340	1		long_crack_wp			Error Undeterminable
27	C340	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
27	C350	2		Long_Crack_NWP			Error Undeterminable
27	C350	2		Trans_Crack_No			Error Undeterminable - Negative Slope
27	C350	2		Trans_Crack_L			Error Undeterminable - Negative Slope
27	D310	1	30-MAY-90pad_ac	Fatigue	223.030468	Only 2 Points, Negative Slope	
27	D310	1	30-MAY-90pad_ac	long_crack_nwp	102.321356	Only 2 Points, Negative Slope	
27	D310	1	30-MAY-90pad_ac	trans_crack_no	16	Only 2 Points, Negative Slope	
27	D310	1	30-MAY-90pad_ac	trans_crack_l	38.212776	Only 2 Points, Negative Slope	
27	D310	1	13-JUN-91pad_ac	Fatigue	173.725889	Only 2 Points, Negative Slope	
27	D310	1	13-JUN-91pad_ac	long_crack_nwp	10.5918	Only 2 Points, Negative Slope	
27	D310	1	13-JUN-91pad_ac	trans_crack_no	8	Only 2 Points, Negative Slope	
27	D310	1	13-JUN-91pad_ac	trans_crack_l	28.23972	Only 2 Points, Negative Slope	
27	D320	2		fatigue			Error Undeterminable
27	D320	2		long_crack_wp			Error Undeterminable
27	D320	2		trans_crack_l			Error Undeterminable
27	D330	1		Fatigue			Error Undeterminable - Negative Slope
27	D330	1		Long_Crack_WP			Error Undeterminable - Negative Slope
27	D330	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
27	D330	1		trans_crack_no			Error Undeterminable
27	D330	1		trans_crack_l			Error Undeterminable
27	D340	1		block			Error Undeterminable
27	D340	1	24-SEP-90ac_rev	long_crack_wp	39.3	Error Undeterminable - Negative Slope	
27	D340	1		Long_Crack_NWP			Error Undeterminable
27	D340	1		trans_crack_no			Error Undeterminable
27	D340	1	24-SEP-90	Trans_Crack			Apparent Summarization Error in Trans Cracking
27	D340	1		trans_crack_l			Error Undeterminable - Negative Slope
27	D350	2		long_crack_wp			Error Undeterminable
27	D350	2		Long_Crack_NWP			Error Undeterminable
28	0501	1	26-FEB-97ac_rev	long_crack_wp	3		oDistress Classified as Long WP on 1 Survey & Long NWP on another
28	0501	1		Long_Crack_NWP			Error Undeterminable
28	0501	1		trans_crack_l			Error Undeterminable
28	0506	2		long_crack_wp			Error Undeterminable
28	0507	2		trans_crack_no			Error Undeterminable
28	0507	2		trans_crack_l			Error Undeterminable
28	0509	2		Long_Crack_WP			Error Undeterminable - Negative Slope
28	0509	2		Long_Crack_NWP			Distress Classified as Long WP on 1 Survey & Long NWP on another
28	1001	1	03-MAR-91pad_ac	fatigue	0		Error Undeterminable
28	1001	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
28	1016	1		long_crack_wp			Error Undeterminable
28	1016	1	04-JAN-96pad42_ac	trans_crack_no	4		Error Undeterminable
28	1016	1	04-JAN-96pad42_ac	trans_crack_l	9.8		Error Undeterminable
28	1802	1	11-JUN-90pad_ac	fatigue	0		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
28	1802	1	14-JAN-91pad_ac	fatigue	0		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
28	1802	1		long_crack_wp			Error Undeterminable
28	1802	1		Long_Crack_NWP			Error Undeterminable
28	1802	1	19-JUL-95ac_rev	trans_crack_no	28		Error Undeterminable
28	1802	1	19-JUL-95ac_rev	trans_crack_l	64.8		Error Undeterminable
28	2807	1		Fatigue			Error Undeterminable - Negative Slope
28	2807	2	01-DEC-95ac_rev	long_crack_nwp	17.7	Only 2 Points, Negative Slope	
28	2807	2	01-DEC-95ac_rev	trans_crack_no	41	Only 2 Points, Negative Slope	
28	2807	2	09-DEC-95pad42_ac	long_crack_nwp	0.7	Only 2 Points, Negative Slope	
28	2807	2	09-DEC-95pad42_ac	trans_crack_no	28	Only 2 Points, Negative Slope	
28	3081	1		fatigue			Error Undeterminable
28	3081	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
28	3082	1		block			Error Undeterminable
28	3082	1		long_crack_wp			Error Undeterminable
28	3082	1		Long_Crack_NWP			Error Undeterminable
28	3082	1		trans_crack_no			Error Undeterminable
28	3082	1		trans_crack_l			Error Undeterminable
28	3083	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
28	3083	1		trans_crack_no			Error Undeterminable - Negative Slope
28	3083	1		trans_crack_l			Error Undeterminable - Negative Slope
28	3085	1		fatigue			Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
28	3085	1	09-NOV-95ac_rev	block	0		Error Undeterminable
28	3085	1		long_crack_wp			Discrepancy between Block and Long & Trans Cracking
28	3085	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
28	3085	1		trans_crack_no			Error Undeterminable
28	3085	1		trans_crack_l			Error Undeterminable - Negative Slope
28	3087	1		fatigue			Error Undeterminable
28	3087	1		long_crack_wp			Error Undeterminable
28	3087	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
28	3087	1	14-JUL-93ac_rev	trans_crack_no	26		Error Undeterminable

28	3089	1		long_crack_wp		Error Undeterminable
28	3089	1	09-DEC-95pad42_ac	Long_Crack_NWP	53.3	Error Undeterminable
28	3089	1		trans_crack_no		Error Undeterminable
28	3089	1		trans_crack_l		Error Undeterminable
28	3090	1		fatigue		Error Undeterminable
28	3090	1		long_crack_wp		Error Undeterminable
28	3090	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
28	3090	1		trans_crack_no		Error Undeterminable - Negative Slope
28	3090	1		trans_crack_l		Error Undeterminable - Negative Slope
28	3091	1		Fatigue		Error Undeterminable - Negative Slope
28	3091	1		block		Discrepancy between Block and Long & Trans Cracking
28	3091	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
28	3091	1		Trans_Crack_No		Error Undeterminable - Negative Slope
28	3091	1		Trans_Crack_L		Error Undeterminable - Negative Slope
28	3093	2		Long_Crack_NWP		Error Undeterminable
28	3093	2		trans_crack_no		Error Undeterminable
28	3093	2		trans_crack_l		Error Undeterminable
28	3097	1		Long_Crack_WP		Error Undeterminable - Negative Slope
28	3097	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
28	7012	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
28	7012	1		Patch_A		Error Undeterminable - Negative Slope
28	7012	1		Patch_No		Error Undeterminable - Negative Slope
28	A310	2		trans_crack_no		Error Undeterminable
28	A310	2	14-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
28	A310	2	30-MAR-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
28	A310	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
28	A320	2		fatigue		Error Undeterminable
28	A320	2		long_crack_wp		Error Undeterminable
28	A320	2	14-JAN-91pad_ac	Long_Crack_NWP	57.963816	Error Undeterminable - Negative Slope
28	A320	2		trans_crack_no		Error Undeterminable
28	A320	2		trans_crack_l		Error Undeterminable
28	A330	1	14-JAN-91pad_ac	fatigue	0	Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
28	A330	1		long_crack_wp		Error Undeterminable
28	A330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
28	A330	1	14-JAN-91pad_ac	trans_crack_no	4	Error Undeterminable
28	A330	1	14-JAN-91pad_ac	trans_crack_l	8.616696	Error Undeterminable
28	A350	2		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
28	A350	2		trans_crack_no		Error Undeterminable - Negative Slope
28	A350	2		trans_crack_l		Error Undeterminable - Negative Slope
29	1002	1		fatigue		Error Undeterminable
29	1002	1		long_crack_wp		Error Undeterminable
29	1002	1	04-MAY-93ac_rev	Long_Crack_NWP	30.5	Distress Classified as Long WP on 1 Survey & Long NWP on another
29	1002	1	06-MAY-92ac_rev	trans_crack_no	68	Error Undeterminable
29	1005	1		fatigue		Error Undeterminable - Negative Slope
29	1005	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
29	1005	1	17-APR-91ac_rev	trans_crack_no	16	Error Undeterminable
29	1005	1	17-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
29	1005	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
29	1008	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP Cracking on another
29	1008	1		long_crack_wp		Error Undeterminable
29	1008	1		Long_Crack_NWP		Error Undeterminable
29	1008	1	05-MAR-93pad42_ac	trans_crack_no	13	Error Undeterminable
29	1008	1	05-MAR-93pad42_ac	trans_crack_l	8.7	Error Undeterminable
29	1010	1	26-MAR-93ac_rev	Long_Crack_NWP	63.1	Error Undeterminable
29	1010	1	18-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
29	5393	2		trans_crack_no		Error Undeterminable
29	5393	2		trans_crack_l		Error Undeterminable
29	5403	1	20-OCT-88ac_rev	block	325.5	Only 2 Points, Negative Slope
29	5403	1	07-JUN-89pad_ac	block	152.871945	Only 2 Points, Negative Slope
29	5403	2	15-JAN-93pad42_ac	trans_crack_no	9	Error Undeterminable
29	5413	1	21-DEC-88ac_rev	patch_no	11	Only 2 Points, Negative Slope
29	5413	1	21-DEC-88ac_rev	patch_a	3	Only 2 Points, Negative Slope
29	5413	1	07-JUN-89pad_ac	patch_no	0	Only 2 Points, Negative Slope
29	5413	1	07-JUN-89pad_ac	patch_a	0	Only 2 Points, Negative Slope
29	5413	2	17-FEB-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
29	5473	1		Trans_Crack_No		Error Undeterminable - Negative Slope
29	5473	1		Trans_Crack_L		Error Undeterminable - Negative Slope
29	5483	1	04-MAY-89pad_ac	trans_crack_no	33	Only 2 Points, Negative Slope
29	5483	1	04-MAY-89pad_ac	trans_crack_l	92.403168	Only 2 Points, Negative Slope
29	5483	1	14-MAY-91pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
29	5483	1	14-MAY-91pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
29	5483	2		Long_Crack_NWP		Error Undeterminable
29	6067	1		block		Error Undeterminable
29	6067	1		long_crack_wp		Error Undeterminable
29	6067	1		trans_crack_no		Error Undeterminable
29	6067	1	18-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
29	6067	1		trans_crack_l		Apparent Summarization Error in Trans Cracking

29	7054	1	Long_Crack_NWP	Error Undeterminable - Negative Slope
29	7054	1	trans_crack_no	Error Undeterminable
29	7054	1	17-AUG-88 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	7054	1	30-OCT-90 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	7054	1	trans_crack_l	Apparent Summarization Error in Trans Cracking
29	7073	1	fatigue	Error Undeterminable - Negative Slope
29	7073	1	block	Error Undeterminable
29	7073	1	long_crack_wp	Error Undeterminable
29	7073	1	Long_Crack_NWP	Error Undeterminable - Negative Slope
29	7073	1	trans_crack_no	Error Undeterminable - Negative Slope
29	7073	1	trans_crack_l	Error Undeterminable - Negative Slope
29	A310	2	fatigue	Error Undeterminable
29	A310	2	long_crack_wp	Error Undeterminable
29	A310	2	Long_Crack_NWP	Error Undeterminable
29	A310	2	trans_crack_no	Error Undeterminable
29	A310	2	trans_crack_l	Error Undeterminable
29	A320	2	long_crack_wp	Error Undeterminable
29	A320	2	Long_Crack_NWP	Error Undeterminable - Negative Slope
29	A320	2	trans_crack_no	Error Undeterminable
29	A320	2	trans_crack_l	Error Undeterminable
29	A330	1	fatigue	Error Undeterminable
29	A330	1	long_crack_wp	Error Undeterminable
29	A330	1	Long_Crack_NWP	Error Undeterminable - Negative Slope
29	A330	1	trans_crack_no	Error Undeterminable - Negative Slope
29	A330	1	trans_crack_l	Error Undeterminable - Negative Slope
29	A340	1	fatigue	Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
29	A340	1	long_crack_wp	Error Undeterminable
29	A340	1	Long_Crack_NWP	Error Undeterminable - Negative Slope
29	A340	1	trans_crack_no	Error Undeterminable - Negative Slope
29	A340	1	trans_crack_l	Error Undeterminable - Negative Slope
29	A340	1	03-SEP-92 Patching	Apparent Summarization Error in Patching
29	A350	2	long_crack_wp	Error Undeterminable
29	A350	2	Long_Crack_NWP	Error Undeterminable
29	A350	2	trans_crack_no	Error Undeterminable
29	A350	2	05-MAY-92 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	A350	2	trans_crack_l	Apparent Summarization Error in Trans Cracking
29	B310	2	long_crack_wp	Error Undeterminable
29	B310	2	06-MAY-92ac_rev Long_Crack_NWP 137.2	Error Undeterminable - Negative Slope
29	B310	2	17-APR-91 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	B310	2	trans_crack_l	Error Undeterminable - Negative Slope
29	B320	2	fatigue	Error Undeterminable
29	B320	2	long_crack_wp	Error Undeterminable
29	B320	2	Long_Crack_NWP	Error Undeterminable
29	B320	2	trans_crack_no	Error Undeterminable
29	B320	2	17-APR-91 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	B320	2	trans_crack_l	Apparent Summarization Error in Trans Cracking
29	B330	1	long_crack_wp	Error Undeterminable
29	B330	1	trans_crack_no	Error Undeterminable
29	B330	1	17-APR-91 Trans_Crack	Apparent Summarization Error in Trans Cracking
29	B330	1	trans_crack_l	Apparent Summarization Error in Trans Cracking
29	B340	1	long_crack_wp	Error Undeterminable
29	B340	1	06-MAY-92ac_rev Long_Crack_NWP 19.2	Error Undeterminable - Negative Slope
29	B340	1	trans_crack_no	Error Undeterminable
29	B340	1	trans_crack_l	Error Undeterminable
29	B350	2	long_crack_wp	Error Undeterminable
29	B350	2	Long_Crack_NWP	Error Undeterminable
30	0806	1	long_crack_wp	Error Undeterminable
31	1030	2	Long_Crack_NWP	Error Undeterminable
31	1030	2	16-AUG-91pad_ac trans_crack_no 20	Error Undeterminable
31	7005	1	Long_Crack_NWP	Error Undeterminable - Negative Slope
31	7005	1	trans_crack_no	Error Undeterminable
31	7005	1	26-JUL-88 Trans_Crack	Apparent Summarization Error in Trans Cracking
31	7005	1	trans_crack_l	Apparent Summarization Error in Trans Cracking
31	7005	2	21-APR-95ac_rev trans_crack_no 2	Only 2 Points, Negative Slope
31	7005	2	21-APR-95ac_rev trans_crack_l 5.6	Only 2 Points, Negative Slope
31	7005	2	06-APR-96pad42_ac trans_crack_no 0	Only 2 Points, Negative Slope
31	7005	2	06-APR-96pad42_ac trans_crack_l 0	Only 2 Points, Negative Slope
31	7017	1	Long_Crack_NWP	Error Undeterminable
31	7040	1	15-MAY-89pad_ac trans_crack_no 35	Only 2 Points, Negative Slope
31	7040	1	15-MAY-89pad_ac trans_crack_l 121.21896	Only 2 Points, Negative Slope
31	7040	1	15-MAY-89pad_ac patch_no 17	Only 2 Points, Negative Slope
31	7040	1	15-MAY-89pad_ac patch_a 1.81439633	Only 2 Points, Negative Slope
31	7040	1	10-MAY-90pad_ac trans_crack_no 26	Only 2 Points, Negative Slope
31	7040	1	10-MAY-90pad_ac trans_crack_l 87.23376	Only 2 Points, Negative Slope
31	7040	1	10-MAY-90pad_ac patch_no 1	Only 2 Points, Negative Slope
31	7040	1	10-MAY-90pad_ac patch_a 0.28985748	Only 2 Points, Negative Slope
31	7040	2	Trans_Crack_No	Error Undeterminable - Negative Slope
31	7040	2	Trans_Crack_L	Error Undeterminable - Negative Slope
31	7050	1	16-APR-93pad42_ac Long_Crack_NWP 0	Error Undeterminable
31	7050	1	trans_crack_no	Error Undeterminable

31	7050	1	26-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
31	7050	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
31	A310	2		fatigue		Error Undeterminable
31	A310	2	20-APR-93ac_rev	trans_crack_no	15	Error Undeterminable
31	A310	2	20-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
31	A310	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
31	A320	2		long_crack_wp		Error Undeterminable
31	A320	2		Long_Crack_NWP		Error Undeterminable
31	A330	1		long_crack_wp		Error Undeterminable
31	A330	1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another						
31	A330	1	29-NOV-90ac_rev	trans_crack_l	16.8	Error Undeterminable
31	A340	1		Long_Crack_NWP		Error Undeterminable
33	1001	1		fatigue		Error Undeterminable
33	1001	1		long_crack_wp		Error Undeterminable
33	1001	1	04-SEP-90pad_ac	Long_Crack_NWP	7.196328	Error Undeterminable - Negative Slope
33	1001	1		trans_crack_no		Error Undeterminable
33	1001	1		trans_crack_l		Error Undeterminable
34	0501	1		Fatigue		Error Undeterminable - Negative Slope
34	0501	1		Block		Error Undeterminable - Negative Slope
34	0501	1		long_crack_wp		Error Undeterminable
34	0501	1		trans_crack_l		Error Undeterminable
34	0501	1		Patch_A		Error Undeterminable - Negative Slope
34	0501	1		Patch_No		Error Undeterminable - Negative Slope
34	0506	2	04-NOV-95pad42_ac	trans_crack_no	1	Only 2 Points, Negative Slope
34	0506	2	04-NOV-95pad42_ac	trans_crack_l	1.4	Only 2 Points, Negative Slope
34	0506	2	28-AUG-96ac_rev	trans_crack_no	0	Only 2 Points, Negative Slope
34	0506	2	28-AUG-96ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
34	1003	1		Fatigue		Error Undeterminable - Negative Slope
34	1011	1		trans_crack_no		Error Undeterminable
34	1011	1		trans_crack_l		Error Undeterminable
34	1030	1	11-SEP-90pad_ac	Fatigue	227.754588	Only 2 Points, Negative Slope
34	1030	1	11-SEP-90pad_ac	long_crack_nwp	51.700176	Only 2 Points, Negative Slope
34	1030	1	11-SEP-90pad_ac	trans_crack_no	25	Only 2 Points, Negative Slope
34	1030	1	11-SEP-90pad_ac	trans_crack_l	42.068496	Only 2 Points, Negative Slope
34	1030	1	22-JUL-97ac_rev	Fatigue	0	Only 2 Points, Negative Slope
34	1030	1	22-JUL-97ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
34	1030	1	22-JUL-97ac_rev	trans_crack_no	0	Only 2 Points, Negative Slope
34	1030	1	22-JUL-97ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
34	1031	1		Fatigue		Error Undeterminable - Negative Slope
34	1031	1		block		Error Undeterminable
34	1031	1		long_crack_wp		Error Undeterminable
34	1031	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
34	1031	1		Trans_Crack_No		Error Undeterminable - Negative Slope
34	1031	1		Trans_Crack_L		Error Undeterminable - Negative Slope
34	1033	1	05-OCT-89pad_ac	fatigue	2.2649761	Error Undeterminable - Negative Slope
34	1033	1		long_crack_wp		Error Undeterminable
34	1033	1		Long_Crack_NWP		Error Undeterminable
34	1033	1		trans_crack_no		Error Undeterminable - Negative Slope
34	1033	1		trans_crack_l		Error Undeterminable - Negative Slope
34	1034	1	12-SEP-90pad_ac	Long_Crack_NWP	0	Error Undeterminable
34	1638	1		long_crack_wp		Error Undeterminable
34	6057	1		long_crack_wp		Error Undeterminable
34	6057	1		Long_Crack_NWP		Error Undeterminable
34	6057	1		trans_crack_no		Error Undeterminable
34	6057	1		trans_crack_l		Error Undeterminable
35	1002	1		Long_Crack_NWP		Error Undeterminable
35	1002	1	17-MAR-95pad42_ac	trans_crack_no	4	Error Undeterminable
35	1002	1		trans_crack_l		Error Undeterminable
35	1003	1		fatigue		Error Undeterminable
35	1003	1		long_crack_wp		Error Undeterminable
35	1003	1		Long_Crack_NWP		Error Undeterminable
35	1003	1	27-JAN-93pad42_ac	trans_crack_l	41.2	Error Undeterminable
35	1005	1	18-MAR-95pad42_ac	trans_crack_no	6	Error Undeterminable
35	1005	1		trans_crack_l		Error Undeterminable
35	1022	1	26-MAR-91ac_rev	Long_Crack_NWP	0	Error Undeterminable
35	1022	1		trans_crack_no		Error Undeterminable
35	1022	1	24-OCT-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
35	1022	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
35	1112	1	15-MAR-95pad42_ac	trans_crack_no	11	Error Undeterminable
35	1112	1	27-JAN-93pad42_ac	trans_crack_l	0.6	Error Undeterminable
35	1112	1	15-MAR-95pad42_ac	trans_crack_l	30.6	Error Undeterminable
35	2006	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
35	2006	1		Trans_Crack_No		Error Undeterminable - Negative Slope
35	2006	1		Trans_Crack_L		Error Undeterminable - Negative Slope
35	2007	2		Trans_Crack_No		Error Undeterminable - Negative Slope
35	2007	2		trans_crack_l		Error Undeterminable - Negative Slope
35	2118	1	27-MAR-91ac_rev	Long_Crack_NWP	0	Distress Classified as Long WP on 1 Survey & Long NWP on
another						
35	2118	1		trans_crack_no		Error Undeterminable
35	2118	1		trans_crack_l		Error Undeterminable

35	6033	1		fatigue		Error	Undeterminable
35	6033	1		long_crack_wp		Error	Undeterminable - Negative Slope
35	6033	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
35	6033	1	28-MAR-91ac_rev	trans_crack_no	15	Error	Undeterminable
35	6035	1	31-AUG-90pad_ac	fatigue	0	Error	Undeterminable
35	6035	1	31-AUG-90pad_ac	long_crack_wp	0	Error	Undeterminable
35	6035	1		Long_Crack_NWP		Error	Undeterminable
35	6035	1		trans_crack_no		Error	Undeterminable
35	6035	1		trans_crack_l		Error	Undeterminable
35	6401	1		fatigue		Error	Undeterminable
35	6401	1	26-AUG-90pad_ac	long_crack_wp	0	Error	Undeterminable
35	6401	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
35	6401	1	26-MAR-91ac_rev	trans_crack_no	8	Error	Undeterminable
35	6401	1		trans_crack_l		Error	Undeterminable
36	1011	1		block		Error	Undeterminable
36	1011	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
36	1011	1		Trans_Crack_No		Error	Undeterminable - Negative Slope
36	1011	1		Trans_Crack_L		Error	Undeterminable - Negative Slope
36	1643	1		fatigue		Error	Undeterminable
36	1643	1	27-APR-93pad42_ac	block	120.9	Error	Undeterminable - Negative Slope
36	1643	1		long_crack_wp		Error	Undeterminable
36	1643	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
36	1643	1		trans_crack_no		Error	Undeterminable
36	1643	1		trans_crack_l		Error	Undeterminable - Negative Slope
36	1643	1	08-SEP-95	Patching		Apparent Summarization Error in Patching	
36	1643	1	29-MAY-96	Patching		Apparent Summarization Error in Patching	
36	1643	1		patch_a		Error	Undeterminable
36	1643	1		patch_no		Error	Undeterminable
36	1644	1		fatigue		Error	Undeterminable
36	1644	1		long_crack_wp		Error	Undeterminable
36	1644	1	29-OCT-96ac_rev	Long_Crack_NWP	0	Distress Classified as Long WP on 1 Survey & Long NWP on another	
36	1644	1		trans_crack_no		Error	Undeterminable
36	1644	1		trans_crack_l		Error	Undeterminable
36	A310	1	12-SEP-89ac_rev	trans_crack_l	35.4	Only 2 Points, Negative Slope	
36	A310	1	21-MAY-90ac_rev	trans_crack_l	35.4	Only 2 Points, Negative Slope	
36	A310	2	28-APR-92ac_rev	long_crack_wp	14.6	Error	Undeterminable - Negative Slope
36	A310	2		Long_Crack_NWP		Error	Undeterminable
36	A320	1		fatigue		Error	Undeterminable
36	A320	1		block		Error	Undeterminable - Negative Slope
36	A320	1		Long_Crack_NWP		Error	Undeterminable
36	A320	1		trans_crack_no		Error	Undeterminable
36	A320	1	09-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking	
36	A320	1	29-MAY-96	Trans_Crack		Apparent Summarization Error in Trans Cracking	
36	A320	1		trans_crack_l		Apparent Summarization Error in Trans Cracking	
36	A320	1	29-MAY-96	Patching		Apparent Summarization Error in Patching	
36	A320	1		patch_a		Error	Undeterminable
36	A320	1		patch_no		Error	Undeterminable
36	A330	1		fatigue		Error	Undeterminable
36	A330	1		long_crack_wp		Error	Undeterminable
36	A330	1	28-APR-92ac_rev	Long_Crack_NWP	87.8	Error	Undeterminable
36	A330	1		patch_a		Error	Undeterminable
36	A330	1		patch_no		Error	Undeterminable
36	A340	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP	
Cracking on another							
36	A340	1		block		Error	Undeterminable - Negative Slope
36	A340	1		long_crack_wp		Error	Undeterminable - Negative Slope
36	A340	1		Long_Crack_NWP		Error	Undeterminable
36	A340	1		trans_crack_no		Error	Undeterminable
36	A340	1	29-MAY-96	Trans_Crack		Apparent Summarization Error in Trans Cracking	
36	A340	1		trans_crack_l		Error	Undeterminable - Negative Slope
36	A340	1	29-MAY-96	Patching		Apparent Summarization Error in Patching	
36	A350	1		block		Error	Undeterminable - Negative Slope
36	A350	1		long_crack_wp		Error	Undeterminable
36	A350	1		Long_Crack_NWP		Error	Undeterminable
36	A350	1	12-SEP-89ac_rev	trans_crack_no	60	Error	Undeterminable
36	A350	1	12-SEP-89ac_rev	trans_crack_l	103.4	Error	Undeterminable
36	B310	1	13-SEP-89ac_rev	Fatigue	61.6	Only 2 Points, Negative Slope	
36	B310	1	01-AUG-90pad_ac	Fatigue	17.082081	Only 2 Points, Negative Slope	
36	B310	2		long_crack_wp		Error	Undeterminable
36	B310	2	17-NOV-93ac_rev	trans_crack_l	12.4	Error	Undeterminable
36	B320	1		fatigue		Error	Undeterminable
36	B320	1	13-SEP-89ac_rev	long_crack_wp	15.8	Error	Undeterminable - Negative Slope
36	B320	1	11-OCT-90ac_rev	Long_Crack_NWP	0	Error	Undeterminable
36	B320	1		trans_crack_no		Error	Undeterminable
36	B320	1		trans_crack_l		Error	Undeterminable
36	B320	1	06-SEP-95	Patching		Apparent Summarization Error in Patching	
36	B330	1		fatigue		Error	Undeterminable
36	B330	1		long_crack_wp		Error	Undeterminable - Negative Slope
36	B330	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
36	B330	1	13-SEP-89ac_rev	trans_crack_no	21	Error	Undeterminable

36 B340 1		fatigue		Error Undeterminable
36 B340 1		long_crack_wp		Error Undeterminable - Negative Slope
36 B340 1	11-OCT-90ac_rev	Long_Crack_NWP	5.5	Error Undeterminable
36 B340 1	13-SEP-89ac_rev	trans_crack_no	20	Error Undeterminable
36 B340 1	01-AUG-90	Patching		Apparent Summarization Error in Patching
36 B350 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
36 B350 1	13-SEP-89ac_rev	block	33.4	Error Undeterminable - Negative Slope
36 B350 1		long_crack_wp		Error Undeterminable
36 B350 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
36 B350 1		trans_crack_no		Error Undeterminable
36 B350 1	20-SEP-91pad_ac	trans_crack_l	39.300912	Error Undeterminable
36 B350 1	05-SEP-95	Patching		Apparent Summarization Error in Patching
37 1024 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
37 1024 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
37 1028 1		fatigue		Error Undeterminable
37 1028 1		long_crack_wp		Error Undeterminable
37 1028 1		Long_Crack_NWP		Error Undeterminable
37 1028 1		trans_crack_no		Error Undeterminable
37 1028 1	17-MAR-98	Trans_Crack		Apparent Summarization Error in Trans Cracking
37 1028 1		trans_crack_l		Apparent Summarization Error in Trans Cracking
37 1030 1		Long_Crack_NWP		Error Undeterminable
37 1030 1		trans_crack_no		Error Undeterminable
37 1030 1		trans_crack_l		Error Undeterminable
37 1040 1		Fatigue		Error Undeterminable - Negative Slope
37 1040 2	13-DEC-95ac_rev	patch_a	0.5	Only 2 Points, Negative Slope
37 1040 2	31-JAN-96pad42_ac	patch_a	0.4	Only 2 Points, Negative Slope
37 1352 2		Long_Crack_NWP		Error Undeterminable
37 1645 1		Long_Crack_NWP		Error Undeterminable
37 1645 1	12-OCT-92pad42_ac	trans_crack_no	1	Error Undeterminable
37 1645 1		trans_crack_l		Error Undeterminable
37 1645 1	12-OCT-92pad42_ac	patch_a	2.7	Error Undeterminable - Negative Slope
37 1645 1	12-OCT-92pad42_ac	patch_no	5	Error Undeterminable - Negative Slope
37 1801 1		Long_Crack_NWP		Error Undeterminable
37 1801 1		trans_crack_no		Error Undeterminable
37 1801 1	26-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
37 1801 1		trans_crack_l		Apparent Summarization Error in Trans Cracking
37 1802 1		fatigue		Error Undeterminable
37 1802 1	15-APR-94ac_rev	block	105.8	Error Undeterminable - Negative Slope
37 1802 1		long_crack_wp		Error Undeterminable
37 1802 1		Long_Crack_NWP		Error Undeterminable
37 1802 1		trans_crack_no		Error Undeterminable
37 1802 1		trans_crack_l		Error Undeterminable
37 1802 2	11-DEC-96ac_rev	Fatigue	46.9	Only 2 Points, Negative Slope
37 1802 2	11-DEC-96ac_rev	trans_crack_no	59	Only 2 Points, Negative Slope
37 1802 2	10-OCT-97ac_rev	Fatigue	2.9	Only 2 Points, Negative Slope
37 1802 2	10-OCT-97ac_rev	trans_crack_no	42	Only 2 Points, Negative Slope
37 1803 2		long_crack_wp		Error Undeterminable
37 1803 2		Long_Crack_NWP		Error Undeterminable
37 1803 2		trans_crack_l		Error Undeterminable
37 1814 1		fatigue		Error Undeterminable
37 1814 1		block		Error Undeterminable
37 1817 1		fatigue		Error Undeterminable
37 1817 1		long_crack_wp		Error Undeterminable
37 1817 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
37 1992 1		Long_Crack_WP		Error Undeterminable - Negative Slope
37 2819 1	19-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
37 2819 2		Long_Crack_NWP		Error Undeterminable
37 2824 2		Long_Crack_NWP		Error Undeterminable
37 2825 1		fatigue		Error Undeterminable
38 2001 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
38 2001 2		patch_a		Error Undeterminable
38 2001 2		patch_no		Error Undeterminable
39 5010 2		Long_Crack_NWP		Error Undeterminable
39 5010 2		trans_crack_no		Error Undeterminable
39 5010 2		trans_crack_l		Error Undeterminable
39 7021 1		trans_crack_no		Error Undeterminable - Negative Slope
39 7021 1	28-NOV-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
39 7021 1	24-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
39 7021 1		trans_crack_l		Error Undeterminable - Negative Slope
40 0115 1	25-JUL-97ac_rev	patch_no	1	Only 2 Points, Negative Slope
40 0115 1	25-JUL-97ac_rev	patch_a	60.3	Only 2 Points, Negative Slope
40 0115 1	02-DEC-97ac_rev	patch_no	0	Only 2 Points, Negative Slope
40 0115 1	02-DEC-97ac_rev	patch_a	0	Only 2 Points, Negative Slope
40 0603 2		Long_Crack_NWP		Error Undeterminable
40 0603 2	22-APR-96pad42_ac	trans_crack_no	8	Error Undeterminable
40 0603 2	22-APR-96pad42_ac	trans_crack_l	16.1	Error Undeterminable
40 0604 2	22-APR-96pad42_ac	trans_crack_no	9	Error Undeterminable
40 0604 2	22-APR-96pad42_ac	trans_crack_l	12.1	Error Undeterminable
40 0606 2		long_crack_wp		Error Undeterminable

40	0606	2		Long_Crack_NWP		Error	Undeterminable
40	0607	2		long_crack_wp		Error	Undeterminable
40	0607	2		Long_Crack_NWP		Error	Undeterminable
40	0607	2	22-MAY-97	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	0607	2		trans_crack_l		Apparent Summarization Error in Trans Cracking	
40	0608	2		long_crack_wp		Error	Undeterminable
40	0608	2	22-APR-96pad42_ac	trans_crack_no	16	Error	Undeterminable
40	0608	2	22-APR-96pad42_ac	trans_crack_l	20	Error	Undeterminable
40	1015	1	15-OCT-91pad_ac	fatigue	11.886014	Error	Undeterminable - Negative Slope
40	1015	1		long_crack_wp		Error	Undeterminable
40	1015	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
40	1015	1		trans_crack_no		Error	Undeterminable
40	1015	1		trans_crack_l		Error	Undeterminable
40	1017	1		fatigue		Error	Undeterminable
40	1017	1		trans_crack_no		Error	Undeterminable
40	1017	1		trans_crack_l		Error	Undeterminable
40	4086	2		Long_Crack_WP		Error	Undeterminable - Negative Slope
40	4086	2		trans_crack_no		Error	Undeterminable
40	4086	2	05-NOV-92	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	4087	1		fatigue		Error	Undeterminable
40	4087	1		long_crack_wp		Error	Undeterminable
40	4154	1		Long_Crack_NWP		Error	Undeterminable
40	4161	2	15-FEB-95pad42_ac	trans_crack_no	21	Error	Undeterminable
40	4161	2	15-FEB-95pad42_ac	trans_crack_l	53.9	Error	Undeterminable
40	4164	1		Long_Crack_NWP		Error	Undeterminable
40	4165	1		Long_Crack_NWP		Error	Undeterminable
40	4165	1	05-NOV-92ac_rev	trans_crack_no	1	Error	Undeterminable
40	4165	1	02-NOV-94ac_rev	trans_crack_no	3	Error	Undeterminable
40	4165	1		trans_crack_l		Error	Undeterminable
40	6010	1		long_crack_wp		Error	Undeterminable
40	7024	1		Long_Crack_NWP		Error	Undeterminable
40	7024	1		trans_crack_no		Error	Undeterminable
40	7024	1		trans_crack_l		Error	Undeterminable
40	B310	2		long_crack_wp		Error	Undeterminable
40	B310	2		Long_Crack_NWP		Error	Undeterminable
40	B310	2		trans_crack_no		Error	Undeterminable
40	B320	2	15-OCT-91pad_ac	long_crack_wp	0	Error	Undeterminable
40	B320	2		trans_crack_no		Error	Undeterminable
40	B320	2	12-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	B320	2	15-OCT-91	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	B320	2		trans_crack_l		Apparent Summarization Error in Trans Cracking	
40	B330	1		fatigue		Error	Undeterminable
40	B330	1		long_crack_wp		Error	Undeterminable
40	B330	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
40	B330	1		trans_crack_no		Error	Undeterminable
40	B330	1		trans_crack_l		Error	Undeterminable
40	B350	2	15-OCT-91pad_ac	long_crack_wp	0	oDistress Classified as Long WP on 1 Survey & Long NWP on another	
40	B350	2		Long_Crack_NWP		Error	Undeterminable
40	B350	2	15-OCT-91pad_ac	trans_crack_no	6	Error	Undeterminable
40	B350	2		trans_crack_l		Error	Undeterminable
40	C310	2		long_crack_wp		Error	Undeterminable
40	C310	2	28-OCT-91pad_ac	trans_crack_no	5	Error	Undeterminable
40	C320	2	28-OCT-91pad_ac	fatigue	0	Error	Undeterminable
40	C320	2	28-OCT-91pad_ac	long_crack_wp	0	Error	Undeterminable
40	C320	2		trans_crack_no		Error	Undeterminable
40	C320	2	28-OCT-91	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	C320	2	28-OCT-91pad_ac	trans_crack_l	20.250912	Error	Undeterminable
40	C330	1		fatigue		Error	Undeterminable
40	C330	1		long_crack_wp		Error	Undeterminable
40	C330	1		Long_Crack_NWP		Error	Undeterminable - Negative Slope
40	C330	1	11-OCT-91ac_rev	trans_crack_no	17	Error	Undeterminable
40	C350	2	04-NOV-92ac_rev	fatigue	5	Error	Undeterminable - Negative Slope
40	C350	2	07-DEC-90	Trans_Crack		Apparent Summarization Error in Trans Cracking	
40	C350	2	28-OCT-91	Trans_Crack		Apparent Summarization Error in Trans Cracking	
42	0606	2	19-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking	
42	1597	1		long_crack_wp		Error	Undeterminable
42	1597	1		Long_Crack_NWP		Error	Undeterminable
42	1597	1		trans_crack_no		Error	Undeterminable
42	1597	1	16-JUL-90	Trans_Crack		Apparent Summarization Error in Trans Cracking	
42	1597	1		trans_crack_l		Apparent Summarization Error in Trans Cracking	
42	1605	1		fatigue		Error	Undeterminable - Negative Slope
42	1605	1		block		Error	Undeterminable
42	1605	1		Long_Crack_NWP		Error	Undeterminable
42	1605	1		trans_crack_no		Error	Undeterminable
42	1605	1		trans_crack_l		Error	Undeterminable
42	1608	1		Long_Crack_NWP		Error	Undeterminable
42	1608	1		trans_crack_no		Error	Undeterminable
42	1608	1		trans_crack_l		Error	Undeterminable
42	1618	1	23-JUN-89ac_rev	long_crack_wp	39.4	Only 2 Points, Negative Slope	
42	1618	1	17-JUL-89pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope	

42	1691	2	09-NOV-92pad42_ac	long_crack_wp	13	Only 2 Points, Negative Slope
42	1691	2	09-NOV-92pad42_ac	trans_crack_no	4	Only 2 Points, Negative Slope
42	1691	2	09-NOV-92pad42_ac	trans_crack_l	10	Only 2 Points, Negative Slope
42	1691	2	09-NOV-92pad42_ac	patch_no	2	Only 2 Points, Negative Slope
42	1691	2	09-NOV-92pad42_ac	patch_a	35.3	Only 2 Points, Negative Slope
42	1691	2	19-JUN-95pad42_ac	long_crack_wp	0	Only 2 Points, Negative Slope
42	1691	2	19-JUN-95pad42_ac	trans_crack_no	0	Only 2 Points, Negative Slope
42	1691	2	19-JUN-95pad42_ac	trans_crack_l	0	Only 2 Points, Negative Slope
42	1691	2	19-JUN-95pad42_ac	patch_no	1	Only 2 Points, Negative Slope
42	1691	2	19-JUN-95pad42_ac	patch_a	30.2	Only 2 Points, Negative Slope
42	7025	1		trans_crack_no		Error Undeterminable
42	7025	1	25-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	7025	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
42	7037	1		trans_crack_no		Error Undeterminable
42	7037	1		trans_crack_l		Error Undeterminable
42	A310	1		Long_Crack_NWP		Error Undeterminable
42	A310	1	11-AUG-89ac_rev	trans_crack_no	19	Error Undeterminable
42	A310	1		trans_crack_l		Error Undeterminable
42	A320	1		fatigue		Error Undeterminable
42	A320	1		long_crack_wp		Error Undeterminable
42	A320	1		Long_Crack_NWP		Error Undeterminable
42	A320	1		trans_crack_no		Error Undeterminable
42	A320	1		trans_crack_l		Error Undeterminable
42	A330	1		long_crack_wp		Error Undeterminable
42	A330	1	28-APR-94ac_rev	trans_crack_no	52	Error Undeterminable
42	A330	1		trans_crack_l		Error Undeterminable
42	A340	1		fatigue		Error Undeterminable
42	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
42	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
42	A340	1		trans_crack_no		Error Undeterminable
42	A340	1		trans_crack_l		Error Undeterminable
42	A350	1		Long_Crack_NWP		Error Undeterminable
42	A350	1		trans_crack_no		Error Undeterminable
42	A350	1		trans_crack_l		Error Undeterminable
42	B310	1		long_crack_wp		Error Undeterminable
42	B310	1		Long_Crack_NWP		Error Undeterminable
42	B310	1		trans_crack_no		Error Undeterminable
42	B310	1		trans_crack_l		Error Undeterminable
42	B330	1		fatigue		Error Undeterminable
42	B330	1		trans_crack_no		Error Undeterminable
42	B330	1		trans_crack_l		Error Undeterminable
42	B340	1		fatigue		Error Undeterminable
42	B340	1	16-JUL-90pad_ac	long_crack_wp	0	Error Undeterminable
42	B340	1	18-MAY-92ac_rev	Long_Crack_NWP	13.7	Error Undeterminable
42	B340	1		trans_crack_no		Error Undeterminable
42	B350	1		fatigue		Error Undeterminable
42	B350	1		Long_Crack_NWP		Error Undeterminable
42	B350	1		trans_crack_no		Error Undeterminable
42	B350	1	07-AUG-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	B350	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
42	B350	1	08-JUN-94	Patching		Apparent Summarization Error in Patching
42	B350	1		patch_a		Error Undeterminable
42	B350	1		patch_no		Error Undeterminable
44	7401	1		trans_crack_no		Error Undeterminable - Negative Slope
44	7401	1		trans_crack_l		Error Undeterminable - Negative Slope
45	1008	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
45	1008	1		Trans_Crack_No		Error Undeterminable - Negative Slope
45	1008	1		Trans_Crack_L		Error Undeterminable - Negative Slope
45	1011	1		fatigue		Error Undeterminable
45	1011	1		Long_Crack_NWP		Error Undeterminable
45	1024	1	09-JAN-90pad_ac	Long_Crack_NWP	55.586376	Error Undeterminable - Negative Slope
45	1025	1		Trans_Crack_No		Error Undeterminable - Negative Slope
45	1025	1		Trans_Crack_L		Error Undeterminable - Negative Slope
45	1025	1	14-MAR-89	Patching		Apparent Summarization Error in Patching
45	7019	1		fatigue		Error Undeterminable
45	7019	1	19-MAR-92ac_rev	long_crack_wp	17.4	Error Undeterminable - Negative Slope
45	7019	1	10-MAR-89pad_ac	Long_Crack_NWP	140.29029	Error Undeterminable - Negative Slope
45	7019	1		trans_crack_no		Error Undeterminable - Negative Slope
45	7019	1	07-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	7019	1		trans_crack_l		Error Undeterminable - Negative Slope
46	0803	1	17-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	0804	1	17-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	0804	1	17-JUN-96pad42_ac	trans_crack_l	29.6	Error Undeterminable
46	7049	2		block		Error Undeterminable
46	7049	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
46	7049	2		Trans_Crack_No		Error Undeterminable - Negative Slope
46	7049	2		Trans_Crack_L		Error Undeterminable - Negative Slope
46	9187	2		Long_Crack_NWP		Error Undeterminable
46	9187	2		trans_crack_no		Error Undeterminable
46	9187	2	11-AUG-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	9187	2	17-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking

46	9187	2		trans_crack_l			Apparent Summarization Error in Trans Cracking
46	9197	1	01-MAY-89ac_rev	Fatigue	372		Only 2 Points, Negative Slope
46	9197	1	01-MAY-89ac_rev	block	186		Only 2 Points, Negative Slope
46	9197	1	16-MAY-89pad_ac	Fatigue	175.03861		Only 2 Points, Negative Slope
46	9197	1	16-MAY-89pad_ac	block	0		Only 2 Points, Negative Slope
46	9197	2		long_crack_wp			Error Undeterminable
47	1023	1	11-APR-90pad_ac	fatigue	0		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another							
47	1023	1	13-AUG-91ac_rev	long_crack_wp	5.5		Error Undeterminable - Negative Slope
47	1023	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
47	1023	1		trans_crack_no			Error Undeterminable - Negative Slope
47	1023	1		trans_crack_l			Error Undeterminable - Negative Slope
47	1023	2	15-APR-97ac_rev	long_crack_nwp	38.8		Only 2 Points, Negative Slope
47	1023	2	15-APR-97ac_rev	trans_crack_no	4		Only 2 Points, Negative Slope
47	1023	2	15-APR-97ac_rev	trans_crack_l	3.8		Only 2 Points, Negative Slope
47	1023	2	29-JUL-97ac_rev	long_crack_nwp	29.5		Only 2 Points, Negative Slope
47	1023	2	29-JUL-97ac_rev	trans_crack_no	3		Only 2 Points, Negative Slope
47	1023	2	29-JUL-97ac_rev	trans_crack_l	2.3		Only 2 Points, Negative Slope
47	1028	1		long_crack_wp			Error Undeterminable
47	1028	1		Long_Crack_NWP			Error Undeterminable
47	1028	1	30-NOV-95pad42_ac	trans_crack_no	13		Error Undeterminable
47	1028	1	30-NOV-95pad42_ac	trans_crack_l	23.2		Error Undeterminable
47	1029	1		fatigue			Error Undeterminable - Negative Slope
47	1029	1		long_crack_wp			Error Undeterminable
47	1029	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
47	1029	1		trans_crack_no			Error Undeterminable - Negative Slope
47	1029	1		trans_crack_l			Error Undeterminable - Negative Slope
47	2001	1		Long_Crack_NWP			Error Undeterminable
47	2001	1	04-DEC-95	Patching			Apparent Summarization Error in Patching
47	2001	1	04-DEC-95pad42_ac	patch_a	503.5		Error Undeterminable
47	2001	1	04-DEC-95pad42_ac	patch_no	17		Error Undeterminable
47	2008	1		fatigue			Error Undeterminable - Negative Slope
47	2008	1		Long_Crack_NWP			Error Undeterminable
47	2008	1	11-JAN-90pad_ac	trans_crack_no	6		Error Undeterminable
47	2008	1		trans_crack_l			Error Undeterminable
47	2008	1		patch_a			Error Undeterminable
47	2008	1		patch_no			Error Undeterminable
47	3075	1		Long_Crack_NWP			Error Undeterminable
47	3101	1		block			Error Undeterminable - Negative Slope
47	3104	1		fatigue			Error Undeterminable
47	3104	1		long_crack_wp			Distress Classified as Long WP on 1 Survey & Long NWP on another
47	3104	1		Long_Crack_NWP			Error Undeterminable
47	3104	1	30-NOV-95pad42_ac	trans_crack_no	19		Error Undeterminable
47	3104	1	06-MAY-91pad_ac	patch_a	35.961837		Error Undeterminable
47	3108	2		Long_Crack_NWP			Error Undeterminable
47	3108	2		trans_crack_no			Error Undeterminable
47	3108	2		trans_crack_l			Error Undeterminable
47	3110	2		Long_Crack_NWP			Error Undeterminable
47	3110	2		trans_crack_no			Error Undeterminable
47	3110	2	01-DEC-95pad42_ac	trans_crack_l	12.7		Error Undeterminable
47	6015	1	01-DEC-95pad42_ac	trans_crack_no	6		Error Undeterminable
47	6015	1	01-DEC-95pad42_ac	trans_crack_l	12.2		Error Undeterminable
47	9024	2	18-APR-95ac_rev	trans_crack_no	3		Only 2 Points, Negative Slope
47	9024	2	18-APR-95ac_rev	trans_crack_l	0.9		Only 2 Points, Negative Slope
47	9024	2	24-JUL-97ac_rev	trans_crack_no	0		Only 2 Points, Negative Slope
47	9024	2	24-JUL-97ac_rev	trans_crack_l	0		Only 2 Points, Negative Slope
47	9025	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
47	A310	2		patch_a			Error Undeterminable
47	A310	2		patch_no			Error Undeterminable
47	A320	2		Trans_Crack_No			Error Undeterminable - Negative Slope
47	A320	2		Trans_Crack_L			Error Undeterminable - Negative Slope
47	A330	1		Block			Error Undeterminable - Negative Slope
47	B310	2		Long_Crack_NWP			Error Undeterminable
47	B310	2	24-MAR-97	Trans_Crack			Apparent Summarization Error in Trans Cracking
47	B330	1		Long_Crack_NWP			Error Undeterminable
47	C310	2	15-APR-97	Patching			Apparent Summarization Error in Patching
47	C320	2		Long_Crack_NWP			Error Undeterminable
47	C330	1		fatigue			Error Undeterminable
47	C330	1		long_crack_wp			Error Undeterminable - Negative Slope
47	C330	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
47	C330	1	13-AUG-91ac_rev	trans_crack_no	25		Error Undeterminable
47	C330	1		trans_crack_l			Error Undeterminable - Negative Slope
47	C330	1		patch_no			Error Undeterminable - Negative Slope
48	0001	1		Long_Crack_NWP			Error Undeterminable
48	1039	2		fatigue			Error Undeterminable
48	1039	2		block			Error Undeterminable
48	1039	2	16-FEB-95pad42_ac	long_crack_wp	0		Error Undeterminable
48	1039	2		Long_Crack_NWP			Error Undeterminable
48	1039	2		trans_crack_no			Error Undeterminable
48	1039	2	15-JUL-91	Trans_Crack			Apparent Summarization Error in Trans Cracking

48	1039	2		trans_crack_l			Apparent Summarization Error in Trans Cracking
48	1046	1	13-MAR-95pad42_ac	fatigue	0		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another							
48	1046	1		long_crack_wp			Error Undeterminable
48	1046	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1047	1		long_crack_wp			Error Undeterminable
48	1047	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1048	1		long_crack_wp			Error Undeterminable
48	1048	1		Long_Crack_NWP			Error Undeterminable
48	1049	1		long_crack_wp			Error Undeterminable
48	1049	1	01-MAR-95pad42_ac	Long_Crack_NWP	8.2		Error Undeterminable
48	1049	1		trans_crack_no			Error Undeterminable
48	1049	1		trans_crack_l			Error Undeterminable
48	1050	1		fatigue			Error Undeterminable
48	1050	1		long_crack_wp			Error Undeterminable
48	1050	1		Long_Crack_NWP			Distress Classified as Long WP on 1 Survey & Long NWP on
another							
48	1050	1		trans_crack_no			Error Undeterminable
48	1050	1		trans_crack_l			Error Undeterminable
48	1056	2		fatigue			Error Undeterminable
48	1056	2		long_crack_wp			Error Undeterminable - Negative Slope
48	1056	2		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1060	1		long_crack_wp			Error Undeterminable
48	1060	1		Long_Crack_NWP			Error Undeterminable
48	1060	1	23-FEB-95pad42_ac	trans_crack_no	11		Error Undeterminable
48	1060	1	23-FEB-95pad42_ac	trans_crack_l	27.6		Error Undeterminable
48	1068	1		fatigue			Error Undeterminable
48	1068	1		long_crack_wp			Error Undeterminable
48	1068	1		Long_Crack_NWP			Error Undeterminable
48	1068	1	09-MAR-95pad42_ac	trans_crack_no	1		Error Undeterminable
48	1068	1	09-MAR-95pad42_ac	trans_crack_l	1		Error Undeterminable
48	1069	1		block			Error Undeterminable
48	1069	1		long_crack_wp			Error Undeterminable
48	1069	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1069	1		trans_crack_no			Error Undeterminable - Negative Slope
48	1069	1		trans_crack_l			Error Undeterminable - Negative Slope
48	1070	1		fatigue			Error Undeterminable
48	1070	1		block			Error Undeterminable
48	1070	1	09-MAR-95pad42_ac	long_crack_wp	10.3		Error Undeterminable
48	1070	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1070	1		trans_crack_no			Error Undeterminable
48	1070	1	09-MAR-95pad42_ac	trans_crack_l	60		Error Undeterminable
48	1076	1		fatigue			Error Undeterminable
48	1076	1	23-JAN-91pad_ac	long_crack_wp	0		Error Undeterminable
48	1076	1		Long_Crack_NWP			Error Undeterminable
48	1076	1		trans_crack_l			Error Undeterminable
48	1076	1	27-JUL-95ac_rev	patch_no	2		Error Undeterminable
48	1077	1		fatigue			Error Undeterminable
48	1077	1		long_crack_wp			Error Undeterminable
48	1077	1		Long_Crack_NWP			Error Undeterminable
48	1077	1	25-APR-89	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1077	1		trans_crack_l			Apparent Summarization Error in Trans Cracking
48	1087	1		long_crack_wp			Error Undeterminable
48	1087	1		Long_Crack_NWP			Error Undeterminable
48	1087	1	24-JUN-91ac_rev	trans_crack_no	2		Error Undeterminable
48	1087	1		trans_crack_l			Error Undeterminable
48	1092	1		fatigue			Error Undeterminable - Negative Slope
48	1092	1		long_crack_wp			Error Undeterminable
48	1092	1		Long_Crack_NWP			Error Undeterminable - Negative Slope
48	1092	1		trans_crack_no			Error Undeterminable
48	1092	1		trans_crack_l			Error Undeterminable
48	1093	2		fatigue			Error Undeterminable
48	1093	2		long_crack_wp			Error Undeterminable
48	1093	2		Long_Crack_NWP			Error Undeterminable
48	1093	2	23-MAR-95	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1093	2		trans_crack_l			Apparent Summarization Error in Trans Cracking
48	1094	1		long_crack_wp			Error Undeterminable - Negative Slope
48	1094	1		trans_crack_no			Error Undeterminable
48	1094	1	14-AUG-89	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1094	1	05-FEB-91	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1094	1	12-MAR-92	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1094	1	19-SEP-95	Trans_Crack			Apparent Summarization Error in Trans Cracking
48	1094	1		trans_crack_l			Error Undeterminable - Negative Slope
48	1096	1		long_crack_wp			Error Undeterminable
48	1096	1		Long_Crack_NWP			Error Undeterminable
48	1096	1		trans_crack_no			Error Undeterminable
48	1096	1		trans_crack_l			Error Undeterminable
48	1109	1		fatigue			Error Undeterminable
48	1109	1		long_crack_wp			Error Undeterminable
48	1109	1		Long_Crack_NWP			Error Undeterminable
48	1109	1		trans_crack_no			Error Undeterminable

48	1109	1		trans_crack_l		Error Undeterminable
48	1111	1	06-DEC-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	1111	1	23-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	1111	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
48	1113	2		Fatigue		Error Undeterminable - Negative Slope
48	1116	2	07-MAR-91pad_ac	long_crack_nwp	0.947928	Only 2 Points, Negative Slope
48	1116	2	07-MAR-91pad_ac	trans_crack_no	7	Only 2 Points, Negative Slope
48	1116	2	07-MAR-91pad_ac	trans_crack_l	6.632448	Only 2 Points, Negative Slope
48	1116	2	25-JUN-91ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
48	1116	2	25-JUN-91ac_rev	trans_crack_no	0	Only 2 Points, Negative Slope
48	1116	2	25-JUN-91ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
48	1116	3		Fatigue		Error Undeterminable - Negative Slope
48	1116	3		Long_Crack_WP		Error Undeterminable - Negative Slope
48	1116	3		trans_crack_no		Error Undeterminable
48	1116	3		trans_crack_l		Error Undeterminable
48	1119	2		trans_crack_no		Error Undeterminable
48	1119	2		trans_crack_l		Error Undeterminable
48	1122	1		long_crack_wp		Error Undeterminable
48	1122	1		Long_Crack_NWP		Error Undeterminable
48	1122	1	20-FEB-95pad42_ac	trans_crack_no	7	Error Undeterminable
48	1122	1	20-FEB-95pad42_ac	trans_crack_l	17.2	Error Undeterminable
48	1123	2		long_crack_wp		Error Undeterminable
48	1123	2		Long_Crack_NWP		Error Undeterminable
48	1130	1		trans_crack_no		Error Undeterminable
48	1130	1		trans_crack_l		Error Undeterminable
48	1168	1		long_crack_wp		Error Undeterminable
48	1168	1		Long_Crack_NWP		Error Undeterminable
48	1168	1		trans_crack_no		Error Undeterminable
48	1168	1		trans_crack_l		Error Undeterminable
48	1169	1		Long_Crack_NWP		Error Undeterminable
48	1169	1		trans_crack_no		Error Undeterminable
48	1169	1		trans_crack_l		Error Undeterminable
48	1174	1		fatigue		Error Undeterminable
48	1174	1		long_crack_wp		Error Undeterminable
48	1174	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	1174	1		trans_crack_no		Error Undeterminable
48	1174	1		trans_crack_l		Error Undeterminable
48	1178	1		long_crack_wp		Error Undeterminable
48	1178	1	11-MAY-95ac_rev	Long_Crack_NWP	0	Distress Classified as Long WP on 1 Survey & Long NWP on another
48	1178	1	17-FEB-95pad42_ac	trans_crack_no	26	Error Undeterminable
48	1178	1		trans_crack_l		Error Undeterminable
48	1181	1		fatigue		Error Undeterminable
48	1181	1	17-OCT-90pad_ac	long_crack_wp	0	oDistress Classified as Long WP on 1 Survey & Long NWP on another
48	1181	1		trans_crack_no		Error Undeterminable
48	1181	1	11-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	1181	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
48	1183	1		fatigue		Error Undeterminable
48	1183	1		Long_Crack_NWP		Error Undeterminable
48	1183	1		trans_crack_no		Error Undeterminable
48	1183	1		trans_crack_l		Error Undeterminable
48	1183	1		patch_a		Error Undeterminable
48	2108	1		fatigue		Error Undeterminable
48	2108	1	26-FEB-91pad_ac	long_crack_wp	0	Error Undeterminable
48	2108	1		Long_Crack_NWP		Error Undeterminable
48	2108	1	26-FEB-91pad_ac	trans_crack_no	9	Error Undeterminable
48	2108	1	26-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	2108	1	26-FEB-91pad_ac	trans_crack_l	34.536888	Error Undeterminable
48	2133	1		fatigue		Error Undeterminable
48	2133	1		long_crack_wp		Error Undeterminable
48	2133	1		Long_Crack_NWP		Error Undeterminable
48	2172	1		long_crack_wp		Error Undeterminable
48	2172	1	13-DEC-90ac_rev	Long_Crack_NWP	121	Error Undeterminable
48	2172	1	02-OCT-91pad_ac	Long_Crack_NWP	123.44095	Error Undeterminable
48	2172	1		trans_crack_no		Error Undeterminable
48	2172	1		trans_crack_l		Error Undeterminable
48	2172	1	15-SEP-90	Patching		Apparent Summarization Error in Patching
48	2172	1	15-SEP-90pad_ac	patch_a	0.09290304	Error Undeterminable
48	2172	1	15-SEP-90pad_ac	patch_no	1	Error Undeterminable
48	2172	1	15-MAR-95pad42_ac	patch_no	5	Error Undeterminable
48	2176	1	14-MAR-95pad42_ac	fatigue	21.3	Error Undeterminable
48	2176	1		block		Error Undeterminable
48	2176	1		long_crack_wp		Error Undeterminable - Negative Slope
48	2176	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	2176	1		trans_crack_no		Error Undeterminable - Negative Slope
48	2176	1		trans_crack_l		Error Undeterminable - Negative Slope
48	3559	1		Long_Crack_NWP		Error Undeterminable
48	3579	1		long_crack_wp		Error Undeterminable
48	3579	1		Long_Crack_NWP		Error Undeterminable
48	3579	1	21-DEC-92ac_rev	trans_crack_no	19	Error Undeterminable

48	3579	1	12-AUG-93ac_rev	trans_crack_no	9	Error Undeterminable
48	3579	1	03-MAR-95pad42_ac	patch_a	2.2	Error Undeterminable
48	3579	1	03-MAR-95pad42_ac	patch_no	1	Error Undeterminable
48	3609	1		fatigue		Error Undeterminable
48	3609	1		Trans_Crack_No		Error Undeterminable - Negative Slope
48	3609	1		Trans_Crack_L		Error Undeterminable - Negative Slope
48	3629	1		trans_crack_no		Error Undeterminable
48	3629	1		trans_crack_l		Error Undeterminable
48	3629	1		patch_a		Error Undeterminable
48	3669	1	28-FEB-91pad_ac	long_crack_wp	0	oDistress Classified as Long WP on 1 Survey & Long NWP on another
48	3669	1		Long_Crack_NWP		Error Undeterminable
48	3679	1		block		Error Undeterminable
48	3679	1	01-MAR-95pad42_ac	long_crack_wp	0	Discrepancy between Block and Long & Trans Cracking
48	3679	1	01-MAR-95pad42_ac	Long_Crack_NWP	30.7	Discrepancy between Block and Long & Trans Cracking
48	3679	1	01-MAR-95pad42_ac	trans_crack_no	6	Discrepancy between Block and Long & Trans Cracking
48	3679	1	01-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3679	1		trans_crack_l		Error Undeterminable - Negative Slope
48	3679	1		patch_a		Error Undeterminable
48	3689	1		block		Error Undeterminable
48	3689	1		long_crack_wp		Discrepancy between Block and Long & Trans Cracking
48	3689	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	3689	1		trans_crack_no		Error Undeterminable - Negative Slope
48	3689	1		trans_crack_l		Error Undeterminable - Negative Slope
48	3689	1		patch_a		Error Undeterminable
48	3729	1		fatigue		Error Undeterminable
48	3729	1		long_crack_wp		Error Undeterminable
48	3729	1		Long_Crack_NWP		Error Undeterminable
48	3729	1		trans_crack_no		Error Undeterminable
48	3729	1		trans_crack_l		Error Undeterminable
48	3739	1		fatigue		Error Undeterminable
48	3739	1		long_crack_wp		Error Undeterminable
48	3739	3		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another						
48	3739	3	23-FEB-95pad42_ac	trans_crack_no	14	Error Undeterminable - Negative Slope
48	3739	3	23-FEB-95pad42_ac	trans_crack_l	36.6	Error Undeterminable - Negative Slope
48	3749	1		fatigue		Error Undeterminable
48	3749	1		long_crack_wp		Error Undeterminable
48	3749	1		Long_Crack_NWP		Error Undeterminable
48	3749	1		trans_crack_no		Error Undeterminable
48	3749	1	29-MAR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3749	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
48	3769	1		fatigue		Error Undeterminable
48	3769	1		long_crack_wp		Error Undeterminable
48	3769	1		Long_Crack_NWP		Error Undeterminable
48	3769	1	26-SEP-91pad_ac	trans_crack_no	7	Error Undeterminable
48	3769	1		trans_crack_l		Error Undeterminable
48	3835	1		trans_crack_no		Error Undeterminable
48	3835	1	17-FEB-95pad42_ac	trans_crack_l	54.1	Error Undeterminable
48	3855	1		fatigue		Error Undeterminable
48	3855	1		long_crack_wp		Error Undeterminable
48	3855	1		Long_Crack_NWP		Error Undeterminable
48	3855	1	18-JUN-90pad_ac	trans_crack_no	3	Error Undeterminable
48	3855	1		trans_crack_l		Error Undeterminable
48	3855	1		long_crack_wp		Error Undeterminable
48	3865	1	17-SEP-90pad_ac	trans_crack_no	1	Error Undeterminable
48	3865	1	26-JUL-95ac_rev	trans_crack_no	2	Error Undeterminable
48	3865	1		trans_crack_l		Error Undeterminable
48	3875	2		fatigue		Error Undeterminable
48	3875	2	13-MAY-97ac_rev	long_crack_wp	2.2	Error Undeterminable
48	3875	2		Long_Crack_NWP		Error Undeterminable
48	3875	2	09-AUG-95ac_rev	trans_crack_no	1	Error Undeterminable
48	3875	2	09-AUG-95ac_rev	trans_crack_l	1	Error Undeterminable
48	6079	1		fatigue		Error Undeterminable
48	6079	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	6079	1		patch_a		Error Undeterminable
48	6079	1		patch_no		Error Undeterminable
48	6086	1	22-JUN-90pad_ac	Long_Crack_NWP	40.638984	Error Undeterminable - Negative Slope
48	6086	1	21-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	6086	1	23-APR-97	Patching		Apparent Summarization Error in Patching
48	6160	1		Fatigue		Error Undeterminable - Negative Slope
48	6160	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	6160	1		trans_crack_no		Error Undeterminable
48	6160	1		trans_crack_l		Error Undeterminable
48	7165	2		trans_crack_no		Error Undeterminable
48	7165	2		trans_crack_l		Error Undeterminable
48	9005	1		fatigue		Error Undeterminable
48	9005	1		long_crack_wp		Error Undeterminable
48	9005	1		Long_Crack_NWP		Error Undeterminable
48	9005	1		trans_crack_no		Error Undeterminable
48	9005	1		trans_crack_l		Error Undeterminable

48 A320 2		long_crack_wp		Error Undeterminable
48 A320 2		Long_Crack_NWP		Error Undeterminable
48 A330 1	14-OCT-90pad_ac	Long_Crack_NWP	19.882104	Error Undeterminable - Negative Slope
48 A340 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
48 A340 1		long_crack_wp		Error Undeterminable
48 A340 1		Long_Crack_NWP		Error Undeterminable
48 A340 1		trans_crack_no		Error Undeterminable
48 A340 1		trans_crack_l		Error Undeterminable
48 A340 1	05-APR-93	Patching		Apparent Summarization Error in Patching
48 A340 1	19-SEP-95	Patching		Apparent Summarization Error in Patching
48 A502 2		Long_Crack_NWP		Error Undeterminable
48 A503 2	10-AUG-93	Patching		Apparent Summarization Error in Patching
48 A504 2	10-AUG-93	Patching		Apparent Summarization Error in Patching
48 A505 2	10-AUG-93	Patching		Apparent Summarization Error in Patching
48 A509 2		Long_Crack_NWP		Error Undeterminable
48 A509 2	10-AUG-93	Patching		Apparent Summarization Error in Patching
48 B310 2		Long_Crack_NWP		Error Undeterminable
48 B310 2		trans_crack_no		Error Undeterminable
48 B310 2		trans_crack_l		Error Undeterminable
48 B320 1		Trans_Crack_No		Error Undeterminable - Negative Slope
48 B320 1		Trans_Crack_L		Error Undeterminable - Negative Slope
48 B320 2		Long_Crack_NWP		Error Undeterminable
48 B320 2		trans_crack_no		Error Undeterminable
48 B320 2		trans_crack_l		Error Undeterminable
48 B330 1		long_crack_wp		Error Undeterminable
48 B330 1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on another
48 B330 1	30-JAN-90pad_ac	trans_crack_no	83	Error Undeterminable
48 B330 1	30-JAN-90pad_ac	trans_crack_l	140.60728	Error Undeterminable
48 B340 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
48 B340 1		long_crack_wp		Error Undeterminable
48 B350 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48 B350 1		Trans_Crack_No		Error Undeterminable - Negative Slope
48 B350 1		Trans_Crack_L		Error Undeterminable - Negative Slope
48 B350 2		trans_crack_no		Error Undeterminable - Negative Slope
48 B350 2		trans_crack_l		Error Undeterminable - Negative Slope
48 D310 1	06-DEC-89pad_ac	long_crack_nwp	167.44188	Only 2 Points, Negative Slope
48 D310 1	15-SEP-90pad_ac	long_crack_nwp	135.77925	Only 2 Points, Negative Slope
48 D310 2		trans_crack_no		Error Undeterminable
48 D310 2	24-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48 D310 2		trans_crack_l		Apparent Summarization Error in Trans Cracking
48 D320 2		trans_crack_no		Error Undeterminable
48 D320 2		trans_crack_l		Error Undeterminable
48 D330 1		long_crack_wp		Error Undeterminable
48 D330 1	13-DEC-90ac_rev	Long_Crack_NWP	86.6	Error Undeterminable
48 D330 1	02-OCT-91pad_ac	trans_crack_no	24	Error Undeterminable
48 D330 1		trans_crack_l		Error Undeterminable
48 D350 1	06-DEC-89pad_ac	trans_crack_no	1	Only 2 Points, Negative Slope
48 D350 1	06-DEC-89pad_ac	trans_crack_l	1.566672	Only 2 Points, Negative Slope
48 D350 1	15-SEP-90pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
48 D350 1	15-SEP-90pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
48 D350 2		Long_Crack_NWP		Error Undeterminable
48 E310 1	06-DEC-89pad_ac	Fatigue	1.3387328	Only 2 Points, Negative Slope
48 E310 1	06-DEC-89pad_ac	long_crack_nwp	4.078224	Only 2 Points, Negative Slope
48 E310 1	06-DEC-89pad_ac	trans_crack_no	33	Only 2 Points, Negative Slope
48 E310 1	06-DEC-89pad_ac	trans_crack_l	70.289928	Only 2 Points, Negative Slope
48 E310 1	15-SEP-90pad_ac	Fatigue	0	Only 2 Points, Negative Slope
48 E310 1	15-SEP-90pad_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
48 E310 1	15-SEP-90pad_ac	trans_crack_no	1	Only 2 Points, Negative Slope
48 E310 1	15-SEP-90pad_ac	trans_crack_l	0.920496	Only 2 Points, Negative Slope
48 E310 2	23-JAN-91pad_ac	Long_Crack_NWP	8.77824	Error Undeterminable - Negative Slope
48 E310 2		trans_crack_no		Error Undeterminable
48 E310 2		trans_crack_l		Error Undeterminable
48 E320 2		fatigue		Error Undeterminable
48 E320 2		long_crack_wp		Error Undeterminable
48 E320 2		Long_Crack_NWP		Error Undeterminable
48 E320 2	12-AUG-93ac_rev	trans_crack_no	4	Error Undeterminable
48 E320 2		trans_crack_l		Error Undeterminable
48 E320 2		patch_a		Error Undeterminable
48 E320 2		patch_no		Error Undeterminable
48 E330 1		fatigue		Error Undeterminable
48 E330 1		long_crack_wp		Error Undeterminable
48 E330 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48 E330 1		trans_crack_no		Error Undeterminable
48 E330 1	25-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48 E330 1		trans_crack_l		Error Undeterminable - Negative Slope
48 E330 1		patch_a		Error Undeterminable
48 E330 1	25-SEP-90ac_rev	patch_no	2	Error Undeterminable
48 E330 1	07-MAR-91ac_rev	patch_no	1	Error Undeterminable

48 E340 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
48 E340 1		long_crack_wp		Error Undeterminable
48 E340 1		Long_Crack_NWP		Error Undeterminable
48 E340 1		trans_crack_no		Error Undeterminable - Negative Slope
48 E340 1		trans_crack_l		Error Undeterminable - Negative Slope
48 E340 1	15-SEP-90pad_ac	patch_a	6.6611479	Error Undeterminable
48 E340 1	07-MAR-91ac_rev	patch_a	4.8	Error Undeterminable
48 E340 1	02-OCT-91pad_ac	patch_no	3	Error Undeterminable
48 E350 2		fatigue		Error Undeterminable
48 E350 2	23-JAN-91pad_ac	Long_Crack_NWP	5.007864	Error Undeterminable - Negative Slope
48 E350 2	23-JAN-91pad_ac	trans_crack_no	16	Error Undeterminable
48 E350 2		trans_crack_l		Error Undeterminable
48 F310 1	30-JAN-90pad_ac	trans_crack_no	15	Only 2 Points, Negative Slope
48 F310 1	30-JAN-90pad_ac	trans_crack_l	44.604432	Only 2 Points, Negative Slope
48 F310 1	18-SEP-90pad_ac	trans_crack_no	14	Only 2 Points, Negative Slope
48 F310 1	18-SEP-90pad_ac	trans_crack_l	36.950904	Only 2 Points, Negative Slope
48 F310 2		fatigue		Error Undeterminable
48 F310 2	23-JAN-92pad_ac	trans_crack_l	18.888456	Error Undeterminable
48 F320 1	30-JAN-90pad_ac	long_crack_nwp	2.197608	Only 2 Points, Negative Slope
48 F320 1	30-JAN-90pad_ac	trans_crack_l	8.787384	Only 2 Points, Negative Slope
48 F320 1	30-JAN-90pad_ac	patch_no	1	Only 2 Points, Negative Slope
48 F320 1	30-JAN-90pad_ac	patch_a	0.76552104	Only 2 Points, Negative Slope
48 F320 1	18-SEP-90pad_ac	long_crack_nwp	1.222248	Only 2 Points, Negative Slope
48 F320 1	18-SEP-90pad_ac	trans_crack_l	6.41604	Only 2 Points, Negative Slope
48 F320 1	18-SEP-90pad_ac	patch_no	0	Only 2 Points, Negative Slope
48 F320 1	18-SEP-90pad_ac	patch_a	0	Only 2 Points, Negative Slope
48 F320 2		fatigue		Error Undeterminable
48 F320 2		Long_Crack_NWP		Error Undeterminable
48 F320 2		trans_crack_no		Error Undeterminable
48 F320 2		trans_crack_l		Error Undeterminable
48 F320 2	21-DEC-92ac_rev	patch_a	1.1	Error Undeterminable
48 F320 2		patch_no		Error Undeterminable - Negative Slope
48 F330 1		fatigue		Error Undeterminable
48 F330 1		long_crack_wp		Error Undeterminable
48 F330 1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48 F330 1	21-DEC-92ac_rev	trans_crack_no	12	Error Undeterminable
48 F330 1	12-AUG-93ac_rev	trans_crack_no	2	Error Undeterminable
48 F330 1		trans_crack_l		Error Undeterminable
48 F340 1		fatigue		Error Undeterminable
48 F340 1		long_crack_wp		Error Undeterminable
48 F340 1		Long_Crack_NWP		Error Undeterminable
48 F340 1		trans_crack_no		Error Undeterminable
48 F340 1		trans_crack_l		Error Undeterminable
48 F350 1	30-JAN-90pad_ac	long_crack_nwp	16.791432	Only 2 Points, Negative Slope
48 F350 1	30-JAN-90pad_ac	trans_crack_no	6	Only 2 Points, Negative Slope
48 F350 1	30-JAN-90pad_ac	trans_crack_l	18.690336	Only 2 Points, Negative Slope
48 F350 1	18-SEP-90pad_ac	long_crack_nwp	8.208264	Only 2 Points, Negative Slope
48 F350 1	18-SEP-90pad_ac	trans_crack_no	5	Only 2 Points, Negative Slope
48 F350 1	18-SEP-90pad_ac	trans_crack_l	11.049	Only 2 Points, Negative Slope
48 F350 2	10-MAR-91pad_ac	Long_Crack_NWP	7.568184	Error Undeterminable - Negative Slope
48 F350 2		trans_crack_no		Error Undeterminable - Negative Slope
48 F350 2		trans_crack_l		Error Undeterminable - Negative Slope
48 F350 2	21-DEC-92ac_rev	patch_a	2.3	Error Undeterminable
48 F350 2	21-DEC-92ac_rev	patch_no	1	Error Undeterminable
48 G310 2		long_crack_wp		Error Undeterminable
48 G310 2		Long_Crack_NWP		Error Undeterminable - Negative Slope
48 G310 2		trans_crack_no		Error Undeterminable
48 G310 2		trans_crack_l		Error Undeterminable
48 G320 1	26-FEB-90pad_ac	trans_crack_no	1	Only 2 Points, Negative Slope
48 G320 1	26-FEB-90pad_ac	trans_crack_l	0.627888	Only 2 Points, Negative Slope
48 G320 1	18-SEP-90pad_ac	trans_crack_no	0	Only 2 Points, Negative Slope
48 G320 1	18-SEP-90pad_ac	trans_crack_l	0	Only 2 Points, Negative Slope
48 G320 2	07-MAR-91pad_ac	trans_crack_no	5	Error Undeterminable - Negative Slope
48 G320 2	07-MAR-91pad_ac	trans_crack_l	6.635496	Error Undeterminable - Negative Slope
48 G330 1		Long_Crack_NWP		Error Undeterminable
48 G350 1	26-FEB-90pad_ac	long_crack_nwp	0.94488	Only 2 Points, Negative Slope
48 G350 1	26-FEB-90pad_ac	patch_no	5	Only 2 Points, Negative Slope
48 G350 1	18-SEP-90pad_ac	long_crack_nwp	0	Only 2 Points, Negative Slope
48 G350 1	18-SEP-90pad_ac	patch_no	2	Only 2 Points, Negative Slope
48 G350 2	11-AUG-93	Patching		Apparent Summarization Error in Patching
48 G350 2	19-JUL-95	Patching		Apparent Summarization Error in Patching
48 G350 2	15-JUL-97	Patching		Apparent Summarization Error in Patching
48 G350 2		patch_a		Error Undeterminable
48 G350 2		patch_no		Error Undeterminable - Negative Slope
48 H310 1	04-JAN-90pad_ac	long_crack_nwp	18.681192	Only 2 Points, Negative Slope
48 H310 1	21-SEP-90pad_ac	long_crack_nwp	14.197584	Only 2 Points, Negative Slope
48 H310 2		long_crack_wp		Error Undeterminable
48 H310 2		Long_Crack_NWP		Error Undeterminable
48 H310 2	22-FEB-91pad_ac	trans_crack_no	3	Error Undeterminable
48 H310 2	22-FEB-91pad_ac	trans_crack_l	1.252728	Error Undeterminable

48	H320	1	04-JAN-90pad_ac	trans_crack_no	7	Only 2 Points, Negative Slope
48	H320	1	04-JAN-90pad_ac	trans_crack_l	8.555736	Only 2 Points, Negative Slope
48	H320	1	21-SEP-90pad_ac	trans_crack_no	4	Only 2 Points, Negative Slope
48	H320	1	21-SEP-90pad_ac	trans_crack_l	5.07492	Only 2 Points, Negative Slope
48	H320	2		long_crack_wp		Error Undeterminable
48	H320	2		Long_Crack_NWP		Error Undeterminable
48	H320	2		trans_crack_no		Error Undeterminable
48	H320	2		trans_crack_l		Error Undeterminable
48	H330	1		long_crack_wp		Error Undeterminable
48	H330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	H330	1		trans_crack_no		Error Undeterminable
48	H330	1	22-NOV-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	H330	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
48	H340	1		fatigue		Error Undeterminable
48	H340	1		long_crack_wp		Error Undeterminable
48	H340	1		Long_Crack_NWP		Error Undeterminable
48	H340	1		trans_crack_no		Error Undeterminable
48	H340	1		trans_crack_l		Error Undeterminable
48	H350	2		long_crack_wp		Error Undeterminable
48	H350	2		Long_Crack_NWP		Error Undeterminable
48	I310	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
48	I320	2		Long_Crack_NWP		Error Undeterminable
48	I330	1		Long_Crack_NWP		Error Undeterminable
48	I340	1	21-SEP-90pad_ac	Long_Crack_NWP	8.104632	Error Undeterminable - Negative Slope
48	J310	1	14-OCT-90pad_ac	long_crack_nwp	19.101816	Only 2 Points, Negative Slope
48	J310	1	14-OCT-90pad_ac	trans_crack_no	2	Only 2 Points, Negative Slope
48	J310	1	14-OCT-90pad_ac	trans_crack_l	1.252728	Only 2 Points, Negative Slope
48	J310	1	16-OCT-90ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
48	J310	1	16-OCT-90ac_rev	trans_crack_no	0	Only 2 Points, Negative Slope
48	J310	1	16-OCT-90ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
48	J320	2		Long_Crack_NWP		Error Undeterminable
48	J330	1	14-OCT-90pad_ac	trans_crack_no	10	Error Undeterminable - Negative Slope
48	J330	1	14-OCT-90pad_ac	trans_crack_l	10.966704	Error Undeterminable - Negative Slope
48	J340	1	14-OCT-90pad_ac	trans_crack_no	7	Error Undeterminable - Negative Slope
48	J340	1	14-OCT-90pad_ac	trans_crack_l	7.702296	Error Undeterminable - Negative Slope
48	J340	1	14-FEB-91pad_ac	trans_crack_l	4.712208	Error Undeterminable - Negative Slope
48	J340	1	28-AUG-91ac_rev	trans_crack_l	0.6	Error Undeterminable - Negative Slope
48	J340	1	02-APR-93ac_rev	trans_crack_l	0.5	Error Undeterminable - Negative Slope
48	K310	1	10-OCT-90ac_rev	long_crack_wp	24.1	Only 2 Points, Negative Slope
48	K310	1	14-OCT-90pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope
48	K310	2		fatigue		Error Undeterminable
48	K320	1	10-OCT-90ac_rev	long_crack_wp	23.6	Only 2 Points, Negative Slope
48	K320	1	14-OCT-90pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope
48	K320	2		fatigue		Error Undeterminable
48	K320	2		long_crack_wp		Error Undeterminable
48	K330	1	14-OCT-90pad_ac	Long_Crack_NWP	16.221456	Error Undeterminable - Negative Slope
48	K330	1	05-FEB-91pad_ac	Long_Crack_NWP	25.240488	Distress Classified as Long WP on 1 Survey & Long NWP on another
48	K340	1		fatigue		Error Undeterminable
48	K340	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on another
48	K340	1		Long_Crack_NWP		Error Undeterminable
48	K350	1	10-OCT-90ac_rev	Fatigue	1.6	Only 2 Points, Negative Slope
48	K350	1	10-OCT-90ac_rev	long_crack_wp	39.3	Only 2 Points, Negative Slope
48	K350	1	14-OCT-90pad_ac	Fatigue	0	Only 2 Points, Negative Slope
48	K350	1	14-OCT-90pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope
48	L310	1		trans_crack_no		Error Undeterminable
48	L310	1		trans_crack_l		Error Undeterminable
48	L320	1	12-DEC-89ac_rev	long_crack_nwp	68.3	Only 2 Points, Negative Slope
48	L320	1	11-SEP-90pad_ac	long_crack_nwp	55.385208	Only 2 Points, Negative Slope
48	L320	2		long_crack_wp		Error Undeterminable
48	L320	2	26-SEP-91pad_ac	trans_crack_no	8	Error Undeterminable
48	L320	2	26-SEP-91pad_ac	trans_crack_l	12.012168	Error Undeterminable
48	L330	1		fatigue		Error Undeterminable
48	L330	1		long_crack_wp		Error Undeterminable
48	L330	1	11-SEP-90pad_ac	Long_Crack_NWP	87.471504	Error Undeterminable
48	L330	1		trans_crack_no		Error Undeterminable
48	L330	1		trans_crack_l		Error Undeterminable
48	L340	1		long_crack_wp		Error Undeterminable
48	L340	1		Long_Crack_NWP		Error Undeterminable
48	L340	1		trans_crack_no		Error Undeterminable
48	L340	1		trans_crack_l		Error Undeterminable
48	L350	1	12-DEC-89ac_rev	long_crack_wp	2.1	Only 2 Points, Negative Slope
48	L350	1	12-DEC-89ac_rev	long_crack_nwp	152.4	Only 2 Points, Negative Slope
48	L350	1	12-DEC-89ac_rev	trans_crack_l	65.2	Only 2 Points, Negative Slope
48	L350	1	11-SEP-90pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope
48	L350	1	11-SEP-90pad_ac	long_crack_nwp	17.340072	Only 2 Points, Negative Slope
48	L350	1	11-SEP-90pad_ac	trans_crack_l	51.410616	Only 2 Points, Negative Slope
48	L350	2		Long_Crack_NWP		Error Undeterminable
48	L350	2		trans_crack_no		Error Undeterminable
48	L350	2		trans_crack_l		Error Undeterminable

48	M310	2		fatigue		Error	Undeterminable	
48	M310	2		long_crack_wp		Error	Undeterminable	
48	M320	2		fatigue		Error	Undeterminable	
48	M330	1		fatigue		Error	Undeterminable	
48	M330	1		trans_crack_no		Error	Undeterminable	
48	M330	1		trans_crack_l		Error	Undeterminable	
48	M340	1		fatigue		Error	Undeterminable	
48	N320	2	06-DEC-90ac_rev	long_crack_wp	14.9	Error	Undeterminable	- Negative Slope
48	N320	2		patch_a		Error	Undeterminable	
48	N320	2		patch_no		Error	Undeterminable	
48	N330	1		fatigue		Error	Undeterminable	
48	N330	1		patch_a		Error	Undeterminable	
48	N340	1		long_crack_wp		Error	Undeterminable	
48	N350	2	14-FEB-91pad_ac	Long_Crack_NWP	5.017008	Error	Undeterminable	- Negative Slope
48	Q320	2		Long_Crack_NWP		Error	Undeterminable	
48	Q320	2		trans_crack_no		Error	Undeterminable	
48	Q320	2		trans_crack_l		Error	Undeterminable	
48	Q330	1		long_crack_wp		Error	Undeterminable	
48	Q330	1		Long_Crack_NWP		Error	Undeterminable	
48	Q330	1	14-MAY-93ac_rev	trans_crack_l	8.7	Error	Undeterminable	
48	Q340	1		Long_Crack_NWP		Error	Undeterminable	
48	Q340	1		trans_crack_no		Error	Undeterminable	
48	Q340	1		trans_crack_l		Error	Undeterminable	
50	1002	1		fatigue		Error	Undeterminable	
50	1002	1		long_crack_wp		Error	Undeterminable	
50	1002	1		Long_Crack_NWP		Error	Undeterminable	
50	1002	1	27-APR-93pad42_ac	trans_crack_no	19	Error	Undeterminable	
50	1002	1	12-OCT-95pad42_ac	trans_crack_no	39	Error	Undeterminable	
50	1002	1		trans_crack_l		Error	Undeterminable	
50	1004	1		fatigue		Error	Undeterminable	
50	1004	1		long_crack_wp		Error	Undeterminable	
50	1681	1		Long_Crack_NWP		Error	Undeterminable	
50	1683	1		Long_Crack_NWP		Error	Undeterminable	- Negative Slope
50	1683	1	09-AUG-89	Patching		Apparent Summarization Error in Patching		
50	1683	2	27-APR-93pad42_ac	long_crack_wp	5.6	Only 2 Points, Negative Slope		
50	1683	2	12-OCT-95pad42_ac	long_crack_wp	0	Only 2 Points, Negative Slope		
51	0113	1	11-MAR-98	Trans_Crack		Apparent Summarization Error in Trans Cracking		
51	1002	1		Fatigue		Error Undeterminable	- Negative Slope	
51	1002	1		Long_Crack_WP		Error Undeterminable	- Negative Slope	
51	1002	1		Long_Crack_NWP		Error Undeterminable		
51	1002	1		trans_crack_no		Error Undeterminable		
51	1002	1		trans_crack_l		Error Undeterminable		
51	1002	1	15-OCT-89	Patching		Apparent Summarization Error in Patching		
51	1002	1		Patch_A		Error Undeterminable	- Negative Slope	
51	1002	1		Patch_No		Error Undeterminable	- Negative Slope	
51	1023	1		fatigue		Error Undeterminable		
51	1023	1		long_crack_wp		Error Undeterminable		
51	1023	1		Long_Crack_NWP		Error Undeterminable		
51	1023	1		trans_crack_no		Error Undeterminable		
51	1023	1		trans_crack_l		Error Undeterminable		
51	1417	1	11-OCT-89pad_ac	Fatigue	40.277183	Only 2 Points, Negative Slope		
51	1417	1	19-MAY-90pad_ac	Fatigue	21.887956	Only 2 Points, Negative Slope		
51	1417	2		trans_crack_no		Error Undeterminable		
51	1417	2		trans_crack_l		Error Undeterminable		
51	1419	2		fatigue		Error Undeterminable		
51	1419	2		long_crack_wp		Error Undeterminable		
51	1419	2	07-OCT-97ac_rev	Long_Crack_NWP	0	Distress Classified as Long WP on 1 Survey & Long NWP on another		
51	1419	2		trans_crack_no		Error Undeterminable		
51	1419	2		trans_crack_l		Error Undeterminable		
51	1464	1		fatigue		Error Undeterminable		
51	1464	1		long_crack_wp		Error Undeterminable		
51	1464	1		Long_Crack_NWP		Error Undeterminable		
51	1464	1		trans_crack_no		Error Undeterminable		
51	1464	1		trans_crack_l		Error Undeterminable		
51	2004	1		long_crack_wp		Error Undeterminable		
51	2004	1	15-OCT-92pad42_ac	trans_crack_l	4.3	Error Undeterminable		
51	2021	1		Fatigue		Error Undeterminable	- Negative Slope	
51	A310	1	13-NOV-89ac_rev	long_crack_wp	14.3	Error Undeterminable	- Negative Slope	
51	A320	1		fatigue		Error Undeterminable		
51	A320	1		long_crack_wp		Error Undeterminable	- Negative Slope	
51	A320	1		Long_Crack_NWP		Error Undeterminable		
51	A320	1		trans_crack_no		Error Undeterminable		
51	A320	1		trans_crack_l		Error Undeterminable		
51	A330	1		fatigue		Error Undeterminable		
51	A330	1		long_crack_wp		Error Undeterminable	- Negative Slope	
51	A330	1	07-DEC-93ac_rev	Long_Crack_NWP	30.2	Error Undeterminable		
51	A330	1		trans_crack_no		Error Undeterminable		
51	A330	1		trans_crack_l		Error Undeterminable		
51	A340	1		Long_Crack_NWP		Error Undeterminable		
51	A340	1		trans_crack_no		Error Undeterminable		

51	A340	1	07-DEC-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	A340	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
51	A350	1		Long_Crack_NWP		Error Undeterminable
54	1640	1	02-MAY-91pad_ac	long_crack_nwp	99.754944	Only 2 Points, Negative Slope
54	1640	1	02-MAY-91pad_ac	patch_no	1	Only 2 Points, Negative Slope
54	1640	1	02-MAY-91pad_ac	patch_a	31.773768	Only 2 Points, Negative Slope
54	1640	1	29-SEP-92pad42_ac	long_crack_nwp	95.6	Only 2 Points, Negative Slope
54	1640	1	29-SEP-92pad42_ac	patch_no	0	Only 2 Points, Negative Slope
54	1640	1	29-SEP-92pad42_ac	patch_a	0	Only 2 Points, Negative Slope
54	7008	1		Long_Crack_NWP		Error Undeterminable
54	7008	1		trans_crack_no		Error Undeterminable
54	7008	1	19-AUG-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
54	7008	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
54	7008	1		patch_a		Error Undeterminable - Negative Slope
54	7008	1		patch_no		Error Undeterminable - Negative Slope
72	1003	1		Long_Crack_WP		Error Undeterminable - Negative Slope
72	1003	1		Trans_Crack_No		Error Undeterminable - Negative Slope
72	1003	1		Trans_Crack_L		Error Undeterminable - Negative Slope
72	4122	1		long_crack_wp		Error Undeterminable
72	4122	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
81	0501	1		Long_Crack_NWP		Error Undeterminable
81	0501	1		trans_crack_no		Error Undeterminable
81	0501	1	25-JUN-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
81	0501	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
81	0501	1	25-JUN-97ac_rev	patch_a	5	Error Undeterminable
81	0502	2		block		Error Undeterminable
81	0502	2		long_crack_wp		Error Undeterminable
81	0502	2		Long_Crack_NWP		Error Undeterminable
81	0502	2		trans_crack_no		Error Undeterminable
81	0502	2		trans_crack_l		Error Undeterminable
81	0503	2		long_crack_wp		Error Undeterminable
81	0504	2		long_crack_wp		Error Undeterminable
81	0504	2		Patch_A		Error Undeterminable - Negative Slope
81	0504	2		Patch_No		Error Undeterminable - Negative Slope
81	0505	2		Long_Crack_NWP		Error Undeterminable
81	0505	2	02-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
81	0505	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
81	0506	2		Long_Crack_NWP		Error Undeterminable
81	0506	2		trans_crack_no		Error Undeterminable
81	0506	2		trans_crack_l		Error Undeterminable
81	0507	2		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on another
81	0507	2		trans_crack_no		Error Undeterminable
81	0507	2		trans_crack_l		Error Undeterminable
81	0508	2		long_crack_wp		Error Undeterminable
83	0501	1		fatigue		Error Undeterminable
83	0501	1		long_crack_wp		Error Undeterminable
83	0501	1		Long_Crack_NWP		Error Undeterminable
83	0501	1		trans_crack_no		Error Undeterminable - Negative Slope
83	0501	1	19-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0501	1	21-JUL-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0501	1		trans_crack_l		Error Undeterminable - Negative Slope
83	0501	1	11-JUN-93	Patching		Apparent Summarization Error in Patching
83	0501	1	09-JUN-95	Patching		Apparent Summarization Error in Patching
83	0501	1	20-SEP-95	Patching		Apparent Summarization Error in Patching
83	0501	1		patch_a		Error Undeterminable
83	0501	1		patch_no		Error Undeterminable
83	0502	2		long_crack_wp		Error Undeterminable
83	0502	2		trans_crack_no		Error Undeterminable
83	0502	2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0502	2	09-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0502	2	19-SEP-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0502	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
83	0503	2		long_crack_wp		Error Undeterminable
83	0503	2	19-SEP-95ac_rev	Long_Crack_NWP	0	Distress Classified as Long WP on 1 Survey & Long NWP on another
83	0503	2		trans_crack_no		Error Undeterminable - Negative Slope
83	0503	2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0503	2		trans_crack_l		Error Undeterminable - Negative Slope
83	0504	2		long_crack_wp		Error Undeterminable
83	0504	2		Long_Crack_NWP		Error Undeterminable
83	0504	2	25-MAY-90pad_ac	trans_crack_no	2	Error Undeterminable
83	0504	2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0504	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
83	0505	2		fatigue		Error Undeterminable
83	0505	2		long_crack_wp		Error Undeterminable
83	0505	2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0505	2	21-JUL-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
83	0505	2		trans_crack_l		Apparent Summarization Error in Trans Cracking
83	0506	2		fatigue		Error Undeterminable - Negative Slope
83	0506	2		long_crack_wp		Error Undeterminable

83 0506 2		Long_Crack_NWP		Error Undeterminable
83 0507 1	19-MAY-89ac_rev	Fatigue	9.3	Only 2 Points, Negative Slope
83 0507 1	19-MAY-89ac_rev	long_crack_nwp	14.3	Only 2 Points, Negative Slope
83 0507 1	19-MAY-89ac_rev	trans_crack_l	3.7	Only 2 Points, Negative Slope
83 0507 1	19-MAY-89ac_rev	patch_no	3	Only 2 Points, Negative Slope
83 0507 1	19-MAY-89ac_rev	patch_a	5.9	Only 2 Points, Negative Slope
83 0507 1	22-AUG-89ac_rev	Fatigue	0	Only 2 Points, Negative Slope
83 0507 1	22-AUG-89ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
83 0507 1	22-AUG-89ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
83 0507 1	22-AUG-89ac_rev	patch_no	0	Only 2 Points, Negative Slope
83 0507 1	22-AUG-89ac_rev	patch_a	0	Only 2 Points, Negative Slope
83 0508 1	19-MAY-89ac_rev	long_crack_nwp	9.1	Only 2 Points, Negative Slope
83 0508 1	19-MAY-89ac_rev	trans_crack_l	3.7	Only 2 Points, Negative Slope
83 0508 1	19-MAY-89ac_rev	patch_no	2	Only 2 Points, Negative Slope
83 0508 1	19-MAY-89ac_rev	patch_a	245.3	Only 2 Points, Negative Slope
83 0508 1	22-AUG-89ac_rev	long_crack_nwp	0	Only 2 Points, Negative Slope
83 0508 1	22-AUG-89ac_rev	trans_crack_l	0	Only 2 Points, Negative Slope
83 0508 1	22-AUG-89ac_rev	patch_no	0	Only 2 Points, Negative Slope
83 0508 1	22-AUG-89ac_rev	patch_a	0	Only 2 Points, Negative Slope
83 0508 2		long_crack_wp		Error Undeterminable
83 0508 2	19-SEP-95ac_rev	Long_Crack_NWP	67.5	Error Undeterminable
83 0508 2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 0508 2	21-JUL-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 0508 2	09-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 0509 2	10-JUN-93ac_rev	fatigue	3	Error Undeterminable - Negative Slope
83 0509 2		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
another				
83 0509 2		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another				
83 0509 2	25-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 0509 2	09-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 0509 2		trans_crack_l		Apparent Summarization Error in Trans Cracking
83 1801 1		fatigue		Error Undeterminable
83 1801 1		long_crack_wp		Error Undeterminable
83 1801 1		Long_Crack_NWP		Error Undeterminable
83 1801 1		trans_crack_no		Error Undeterminable
83 1801 1	24-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 1801 1	21-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 1801 1		trans_crack_l		Apparent Summarization Error in Trans Cracking
83 1801 1		patch_a		Error Undeterminable
83 1801 1		patch_no		Error Undeterminable
83 6454 1		long_crack_wp		Error Undeterminable
83 6454 1		trans_crack_no		Error Undeterminable
83 6454 1	18-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 6454 1		patch_a		Error Undeterminable
83 6454 1		patch_no		Error Undeterminable
83 A310 2		long_crack_wp		Error Undeterminable
83 A310 2		trans_crack_no		Error Undeterminable
83 A310 2	21-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A310 2	22-JUL-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A310 2		trans_crack_l		Apparent Summarization Error in Trans Cracking
83 A320 1	11-APR-90ac_rev	trans_crack_no	12	Only 2 Points, Negative Slope
83 A320 1	24-MAY-90pad_ac	trans_crack_no	11	Only 2 Points, Negative Slope
83 A320 2		fatigue		Error Undeterminable - Negative Slope
83 A320 2		Long_Crack_NWP		Error Undeterminable
83 A320 2		trans_crack_no		Error Undeterminable
83 A320 2	09-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A320 2		trans_crack_l		Error Undeterminable - Negative Slope
83 A330 1	09-MAY-91ac_rev	fatigue	6	Error Undeterminable - Negative Slope
83 A330 1		long_crack_wp		Error Undeterminable
83 A330 1		Long_Crack_NWP		Error Undeterminable
83 A330 1	11-APR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A330 1	24-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A330 1	09-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A330 1	21-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A330 1		trans_crack_l		Apparent Summarization Error in Trans Cracking
83 A340 1		long_crack_wp		Error Undeterminable
83 A340 1		Long_Crack_NWP		Error Undeterminable
83 A340 1	11-APR-90ac_rev	trans_crack_no	23	Error Undeterminable
83 A340 1	11-APR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
83 A340 1		trans_crack_l		Apparent Summarization Error in Trans Cracking
83 A350 1	11-APR-90ac_rev	block	3.3	Only 2 Points, Negative Slope
83 A350 1	24-MAY-90pad_ac	block	0	Only 2 Points, Negative Slope
83 A350 2		Long_Crack_NWP		Error Undeterminable
83 A350 2		trans_crack_no		Error Undeterminable
83 A350 2		trans_crack_l		Error Undeterminable
84 1684 1		fatigue		Error Undeterminable
84 1684 1		Long_Crack_NWP		Error Undeterminable
84 1802 1		fatigue		Error Undeterminable
84 1802 1		Long_Crack_NWP		Error Undeterminable
84 1802 1		trans_crack_no		Error Undeterminable

84	1802	1	02-AUG-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
84	6804	1	31-JUL-95ac_rev	Long_Crack_NWP	2	Error Undeterminable
86	6802	1		long_crack_wp		Error Undeterminable
86	6802	1		Long_Crack_NWP		Error Undeterminable
87	1620	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	1620	1	27-JUL-90pad_ac	trans_crack_no	62	Error Undeterminable
87	1622	1		fatigue		Error Undeterminable
87	1622	1		long_crack_wp		Error Undeterminable
87	1622	1	22-SEP-93ac_rev	Long_Crack_NWP	14.8	Error Undeterminable
87	1680	1	31-JUL-90pad_ac	fatigue	2.4916595	Error Undeterminable - Negative Slope
87	1680	1		block		Error Undeterminable
87	1680	1		Long_Crack_NWP		Discrepancy between Block and Long & Trans Cracking
87	1680	1		trans_crack_no		Error Undeterminable - Negative Slope
87	1680	1		trans_crack_l		Error Undeterminable - Negative Slope
87	1806	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	1806	1		Trans_Crack_No		Error Undeterminable - Negative Slope
87	1806	1		Trans_Crack_L		Error Undeterminable - Negative Slope
87	2811	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	2811	1		trans_crack_no		Error Undeterminable
87	2811	1		Trans_Crack_L		Error Undeterminable - Negative Slope
87	2812	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	2812	1		Trans_Crack_No		Error Undeterminable - Negative Slope
87	2812	1	31-AUG-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
87	2812	1	26-JUL-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
87	2812	1		Trans_Crack_L		Error Undeterminable - Negative Slope
87	A320	1		fatigue		Error Undeterminable
87	A320	1		long_crack_wp		Error Undeterminable - Negative Slope
87	A320	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	A320	1		trans_crack_no		Error Undeterminable - Negative Slope
87	A320	1		trans_crack_l		Error Undeterminable - Negative Slope
87	A330	1		fatigue		Error Undeterminable
87	A330	1		block		Error Undeterminable - Negative Slope
87	A330	1		long_crack_wp		Error Undeterminable - Negative Slope
87	A330	1	23-MAY-91ac_rev	Long_Crack_NWP	44.8	Error Undeterminable
87	A330	1	26-JUL-90pad_ac	trans_crack_l	97.514664	Error Undeterminable
87	A340	1		fatigue		Error Undeterminable
87	A340	1		block		Error Undeterminable - Negative Slope
87	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
87	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	A340	1		trans_crack_no		Error Undeterminable - Negative Slope
87	A340	1		trans_crack_l		Error Undeterminable - Negative Slope
87	A350	1		fatigue		Error Undeterminable
87	A350	1		long_crack_wp		Error Undeterminable - Negative Slope
87	A350	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	A350	1		trans_crack_no		Error Undeterminable - Negative Slope
87	A350	1		trans_crack_l		Error Undeterminable - Negative Slope
87	B310	1	09-MAY-90ac_rev	long_crack_wp	17.1	Only 2 Points, Negative Slope
87	B310	1	26-JUL-90pad_ac	long_crack_wp	0	Only 2 Points, Negative Slope
87	B310	2		long_crack_wp		Error Undeterminable
87	B310	2		Long_Crack_NWP		Error Undeterminable
87	B310	2	22-MAY-91ac_rev	trans_crack_l	47.2	Error Undeterminable
87	B320	1		long_crack_wp		Error Undeterminable
87	B320	1		Long_Crack_NWP		Error Undeterminable
87	B320	1	01-OCT-90ac_rev	trans_crack_no	11	Error Undeterminable
87	B320	1		trans_crack_l		Error Undeterminable
87	B330	1		long_crack_wp		Error Undeterminable
87	B330	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	B330	1	01-OCT-90ac_rev	trans_crack_no	20	Error Undeterminable
87	B330	1	01-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
87	B330	1	01-OCT-90ac_rev	trans_crack_l	74.1	Error Undeterminable
87	B340	1		fatigue		Error Undeterminable
87	B340	1		long_crack_wp		Error Undeterminable - Negative Slope
87	B340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
87	B340	1	21-SEP-93ac_rev	trans_crack_no	24	Error Undeterminable
88	1646	1		long_crack_wp		Error Undeterminable
88	1646	1		Long_Crack_NWP		Error Undeterminable
88	1647	1		long_crack_wp		Error Undeterminable
88	1647	1	11-JUN-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
88	1647	1	11-JUN-97ac_rev	trans_crack_l	7.5	Error Undeterminable
89	1021	1		fatigue		Error Undeterminable
89	1021	1		block		Error Undeterminable
89	1021	1		long_crack_wp		Error Undeterminable
89	1021	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
89	1021	1		trans_crack_no		Error Undeterminable - Negative Slope
89	1021	1		trans_crack_l		Error Undeterminable - Negative Slope
89	1125	1		fatigue		Error Undeterminable
89	1125	1		Long_Crack_WP		Error Undeterminable - Negative Slope
89	1125	1		Long_Crack_NWP		Discrepancy between Block and Long & Trans Cracking
89	1125	1		Trans_Crack_No		Error Undeterminable - Negative Slope
89	1125	1		Trans_Crack_L		Error Undeterminable - Negative Slope
89	1127	1		Long_Crack_NWP		Error Undeterminable

89	1127	1		trans_crack_l		Error Undeterminable
89	2011	1		long_crack_wp		Distress Classified as Long WP on 1 Survey & Long NWP on
			another			
89	2011	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
89	2011	1		trans_crack_no		Error Undeterminable
89	2011	1		trans_crack_l		Error Undeterminable
89	A310	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
89	A310	2	28-MAY-91ac_rev	trans_crack_no	33	Error Undeterminable
89	A320	1		fatigue		Error Undeterminable
89	A320	1		block		Error Undeterminable
89	A320	1		long_crack_wp		Error Undeterminable - Negative Slope
89	A320	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
89	A320	1		trans_crack_no		Error Undeterminable
89	A320	1		trans_crack_l		Error Undeterminable
89	A320	1	19-SEP-91pad_ac	patch_a	2.8168201	Error Undeterminable - Negative Slope
89	A320	1	19-SEP-91pad_ac	patch_no	3	Error Undeterminable - Negative Slope
89	A330	1		fatigue		Error Undeterminable
89	A330	1	16-MAY-90ac_rev	block	2.2	Error Undeterminable - Negative Slope
89	A330	1		long_crack_wp		Error Undeterminable
89	A330	1		Long_Crack_NWP		Error Undeterminable
89	A340	1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
			Cracking on another			
89	A340	1	16-MAY-90ac_rev	block	11.7	Error Undeterminable - Negative Slope
89	A340	1		long_crack_wp		Error Undeterminable - Negative Slope
89	A340	1		Long_Crack_NWP		Error Undeterminable - Negative Slope
89	A350	1		fatigue		Error Undeterminable
89	A350	1		block		Error Undeterminable
89	A350	1		long_crack_wp		Error Undeterminable
89	A350	1		Long_Crack_NWP		Error Undeterminable
89	A350	1	14-AUG-90pad_ac	trans_crack_no	26	Error Undeterminable
90	6400	1		long_crack_wp		Error Undeterminable
90	6400	1		trans_crack_no		Error Undeterminable
90	6400	1	13-SEP-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6400	1	01-JUL-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6400	1	22-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6400	1	17-AUG-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6400	1	07-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6400	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
90	6400	1	17-AUG-94ac_rev	patch_a	2.5	Error Undeterminable
90	6400	1	17-AUG-94ac_rev	patch_no	5	Error Undeterminable
90	6405	1		fatigue		Error Undeterminable
90	6405	1		long_crack_wp		Error Undeterminable
90	6405	1		Long_Crack_NWP		Error Undeterminable
90	6405	1		trans_crack_no		Error Undeterminable
90	6405	1	05-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6405	1	04-JUL-89pad_ac	trans_crack_l	72.310752	Error Undeterminable
90	6405	1	05-SEP-89ac_rev	trans_crack_l	0	Error Undeterminable
90	6405	1	23-JUN-95ac_rev	patch_a	0.4	Error Undeterminable
90	6405	1	13-JUN-97ac_rev	patch_a	0.4	Error Undeterminable
90	6405	1	23-JUN-95ac_rev	patch_no	3	Error Undeterminable
90	6405	1	13-JUN-97ac_rev	patch_no	1	Error Undeterminable
90	6410	2		Trans_Crack_No		Error Undeterminable - Negative Slope
90	6410	2	16-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6410	2	11-JUN-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6410	2	06-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6410	2		Trans_Crack_L		Error Undeterminable - Negative Slope
90	6410	2		patch_no		Error Undeterminable
90	6412	2		Long_Crack_NWP		Error Undeterminable - Negative Slope
90	6412	2		Trans_Crack_No		Error Undeterminable - Negative Slope
90	6412	2	16-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6412	2	11-JUN-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6412	2	06-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6412	2		Trans_Crack_L		Error Undeterminable - Negative Slope
90	6420	1		fatigue		Error Undeterminable - Negative Slope
90	6420	1	08-OCT-93ac_rev	long_crack_wp	0	oDistress Classified as Long WP on 1 Survey & Long NWP on
			another			
90	6420	1	08-OCT-93ac_rev	Long_Crack_NWP	15	Distress Classified as Long WP on 1 Survey & Long NWP on
			another			
90	6420	1		trans_crack_no		Error Undeterminable - Negative Slope
90	6420	1		trans_crack_l		Error Undeterminable - Negative Slope
90	6420	1	22-MAY-92	Patching		Apparent Summarization Error in Patching
90	6420	1		patch_a		Error Undeterminable - Negative Slope
90	6420	1		patch_no		Error Undeterminable
90	6801	1		long_crack_wp		Error Undeterminable
90	6801	1		trans_crack_no		Error Undeterminable
90	6801	1	14-SEP-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6801	1	01-JUL-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6801	1	22-MAY-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6801	1	17-AUG-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
90	6801	1		trans_crack_l		Apparent Summarization Error in Trans Cracking
90	6801	1	17-AUG-94ac_rev	patch_a	3.5	Error Undeterminable

90 6801 1	17-AUG-94ac_rev	patch_no	3	Error Undeterminable
90 A310 2		long_crack_wp		Error Undeterminable
90 A310 2	08-OCT-93ac_rev	Long_Crack_NWP	60.3	Error Undeterminable
90 A320 2		fatigue		Error Undeterminable - Negative Slope
90 A320 2	07-MAY-91ac_rev	long_crack_wp	142.2	Error Undeterminable - Negative Slope
90 A320 2		Long_Crack_NWP		Error Undeterminable
90 A320 2		trans_crack_no		Error Undeterminable - Negative Slope
90 A320 2		trans_crack_l		Error Undeterminable - Negative Slope
90 A330 1	21-JUN-91pad_ac	fatigue	0	Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
90 A330 1		long_crack_wp		Error Undeterminable - Negative Slope
90 A330 1	28-SEP-90ac_rev	Long_Crack_NWP	27.8	Error Undeterminable
90 A330 1		trans_crack_no		Error Undeterminable - Negative Slope
90 A330 1		trans_crack_l		Error Undeterminable - Negative Slope
90 A330 1		patch_a		Error Undeterminable - Negative Slope
90 A330 1		patch_no		Error Undeterminable - Negative Slope
90 A340 1		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
90 A340 1		block		Error Undeterminable
90 A340 1		long_crack_wp		Error Undeterminable
90 A340 1		Long_Crack_NWP		Error Undeterminable
90 A340 1		trans_crack_no		Error Undeterminable - Negative Slope
90 A340 1		trans_crack_l		Error Undeterminable - Negative Slope
90 A340 1	28-SEP-95	Patching		Apparent Summarization Error in Patching
90 A340 1		patch_a		Error Undeterminable
90 A340 1		patch_no		Error Undeterminable
90 A350 2		fatigue		Distress Classified as Fatigue on 1 Survey & Long WP
Cracking on another				
90 A350 2		long_crack_wp		Error Undeterminable
90 A350 2		Long_Crack_NWP		Error Undeterminable
90 A350 2	21-JUN-91pad_ac	trans_crack_l	67.68084	Error Undeterminable
90 A350 2		patch_a		Error Undeterminable
90 B310 2		long_crack_wp		Error Undeterminable - Negative Slope
90 B320 2		fatigue		Error Undeterminable
90 B320 2		long_crack_wp		Error Undeterminable - Negative Slope
90 B320 2		Long_Crack_NWP		Error Undeterminable
90 B330 1	23-JUN-91pad_ac	long_crack_wp	0	Distress Classified as Long WP on 1 Survey & Long NWP on
another				
90 B330 1		Long_Crack_NWP		Distress Classified as Long WP on 1 Survey & Long NWP on
another				
90 B340 1		fatigue		Error Undeterminable
90 B340 1	23-JUN-91pad_ac	long_crack_wp	0	oDistress Classified as Long WP on 1 Survey & Long NWP on
another				
90 B340 1	24-JUL-92ac_rev	trans_crack_no	23	Error Undeterminable
90 B340 1	24-JUL-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
90 B340 1		trans_crack_l		Error Undeterminable - Negative Slope
90 B340 1	25-SEP-95	Patching		Apparent Summarization Error in Patching
90 B350 2	08-MAY-91ac_rev	block	10.2	Error Undeterminable - Negative Slope
90 B350 2		long_crack_wp		Error Undeterminable
90 B350 2		Long_Crack_NWP		Error Undeterminable
90 B350 2	25-SEP-95ac_rev	trans_crack_no	59	Error Undeterminable

APPENDIX G. DISCREPANCIES IN JC DISTRESS

St	SHRP	CN	Survey	Type	Distress	Qty	Error
01	4007	1			trans_crack_no		Error Undeterminable
01	4007	1	23-MAY-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4007	1	11-APR-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4007	1			trans_crack_l		Error Undeterminable
01	4007	1	23-MAY-89		Patching_Flex		Apparent Summarization Error in Patching Flex
01	4084	1			trans_crack_no		Error Undeterminable
01	4084	1	23-MAY-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4084	1	15-APR-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4084	1	19-SEP-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	4084	1			trans_crack_l		Error Undeterminable
04	0216	1	22-MAR-95pad42_ac		long_crack	1.2	Only 2 Points, Negative Slope
04	0216	1	04-NOV-97jpcc		long_crack	0	Only 2 Points, Negative Slope
04	0601	1	21-NOV-89pad_ac		trans_crack_l	66.449448	Only 2 Points, Negative Slope
04	0601	1	26-SEP-91jpcc		trans_crack_l	45.7	Only 2 Points, Negative Slope
04	0605	1			corner_breaks		Error Undeterminable
04	0605	1			long_crack		Error Undeterminable
04	0605	1			trans_crack_no		Error Undeterminable
04	0605	1			trans_crack_l		Error Undeterminable
04	0605	1			patch_rigid_no		Error Undeterminable
04	0605	1	12-APR-91		Patching Rigid		Apparent Summarization Error in Patching Rigid
04	0605	1			patch_rigid_a		Error Undeterminable
05	3059	1			long_crack		Error Undeterminable
05	3059	1			trans_crack_no		Error Undeterminable
05	3059	1			trans_crack_l		Error Undeterminable
05	3059	1	15-MAR-89		Patching_Flex		Apparent Summarization Error in Patching Flex
05	3073	1	06-DEC-95pad42_ac		trans_crack_no	4	Error Undeterminable - Negative Slope
05	3073	1			trans_crack_l		Error Undeterminable
05	3073	1			patch_flex_no		Error Undeterminable - Negative Slope
05	3073	1	10-SEP-91		Patching_Flex		Apparent Summarization Error in Patching Flex
05	3073	1			patch_flex_a		Error Undeterminable
05	3074	1			trans_crack_no		Error Undeterminable
05	3074	1			trans_crack_l		Error Undeterminable
05	4019	1			long_crack		Error Undeterminable
05	4021	1			trans_crack_no		Error Undeterminable
05	4021	1	05-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	4021	1			trans_crack_l		Error Undeterminable
05	4023	1	05-DEC-95pad42_ac		trans_crack_no	5	Error Undeterminable
05	4023	1	05-DEC-95pad42_ac		trans_crack_l	5.3	Error Undeterminable
05	4023	1			patch_rigid_a		Error Undeterminable - Negative Slope
05	4046	1			trans_crack_no		Error Undeterminable
05	4046	1			trans_crack_l		Error Undeterminable
05	A410	1	30-APR-91jpcc		long_crack	16.5	Error Undeterminable - Negative Slope
05	A601	1	13-SEP-96jpcc		long_crack	166.5	Only 2 Points, Negative Slope
05	A601	1	13-SEP-96jpcc		patch_flex_a	1.8	Only 2 Points, Negative Slope
05	A601	1	13-SEP-96jpcc		patch_flex_no	6	Only 2 Points, Negative Slope
05	A601	1	02-OCT-97jpcc		long_crack	156.9	Only 2 Points, Negative Slope
05	A601	1	02-OCT-97jpcc		patch_flex_a	1	Only 2 Points, Negative Slope
05	A601	1	02-OCT-97jpcc		patch_flex_no	3	Only 2 Points, Negative Slope
05	A602	1	12-SEP-96jpcc		long_crack	489.9	Only 2 Points, Negative Slope
05	A602	1	12-SEP-96jpcc		patch_flex_a	6	Only 2 Points, Negative Slope
05	A602	1	12-SEP-96jpcc		patch_flex_no	17	Only 2 Points, Negative Slope
05	A602	1	02-OCT-97jpcc		long_crack	396.2	Only 2 Points, Negative Slope
05	A602	1	02-OCT-97jpcc		patch_flex_a	0	Only 2 Points, Negative Slope
05	A602	1	02-OCT-97jpcc		patch_flex_no	0	Only 2 Points, Negative Slope
05	A605	1	12-SEP-96jpcc		long_crack	486.3	Only 2 Points, Negative Slope
05	A605	1	12-SEP-96jpcc		patch_flex_a	3.1	Only 2 Points, Negative Slope
05	A605	1	12-SEP-96jpcc		patch_flex_no	13	Only 2 Points, Negative Slope
05	A605	1	02-OCT-97jpcc		long_crack	384.5	Only 2 Points, Negative Slope
05	A605	1	02-OCT-97jpcc		patch_flex_a	0	Only 2 Points, Negative Slope
05	A605	1	02-OCT-97jpcc		patch_flex_no	0	Only 2 Points, Negative Slope
05	B410	1			long_crack		Error Undeterminable
05	B410	1	05-DEC-94jpcc		patch_rigid_no	1	Error Undeterminable
05	B410	1	05-DEC-94jpcc		patch_rigid_a	3.4	Error Undeterminable
08	0217	1	24-APR-96jpcc		trans_crack_l	1	Only 2 Points, Negative Slope
08	0217	1	24-APR-96jpcc		patch_rigid_a	0.2	Only 2 Points, Negative Slope
08	0217	1	24-APR-96jpcc		patch_rigid_no	2	Only 2 Points, Negative Slope
08	0217	1	03-MAY-96pad42_ac		trans_crack_l	0.6	Only 2 Points, Negative Slope
08	0217	1	03-MAY-96pad42_ac		patch_rigid_a	0	Only 2 Points, Negative Slope
08	0217	1	03-MAY-96pad42_ac		patch_rigid_no	0	Only 2 Points, Negative Slope
08	0811	1	30-APR-96jpcc		patch_rigid_a	10	Only 2 Points, Negative Slope
08	0811	1	30-APR-96jpcc		patch_rigid_no	85	Only 2 Points, Negative Slope
08	0811	1	07-MAY-96pad42_ac		patch_rigid_a	0	Only 2 Points, Negative Slope
08	0811	1	07-MAY-96pad42_ac		patch_rigid_no	0	Only 2 Points, Negative Slope
08	0812	1	07-MAY-96pad42_ac		long_crack	9.6	Only 2 Points, Negative Slope
08	0812	1	07-MAY-96pad42_ac		trans_crack_no	9	Only 2 Points, Negative Slope
08	0812	1	07-MAY-96pad42_ac		trans_crack_l	22.6	Only 2 Points, Negative Slope
08	0812	1	30-SEP-96jpcc		long_crack	0	Only 2 Points, Negative Slope

08	0812	1	30-SEP-96jppc	trans_crack_no	0	Only 2 Points, Negative Slope
08	0812	1	30-SEP-96jppc	trans_crack_l	0	Only 2 Points, Negative Slope
09	4008	1		trans_crack_no		Error Undeterminable
09	4008	1	31-JUL-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
09	4008	1	04-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
09	4008	1	29-SEP-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
09	4008	1		trans_crack_l		Error Undeterminable
10	0205	1	08-MAY-96jppc	patch_rigid_a	125.5	Only 2 Points, Negative Slope
10	0205	1	08-MAY-96jppc	patch_rigid_no	17	Only 2 Points, Negative Slope
10	0205	1	26-JUN-97jppc	patch_rigid_a	100.3	Only 2 Points, Negative Slope
10	0205	1	26-JUN-97jppc	patch_rigid_no	14	Only 2 Points, Negative Slope
10	0209	1	08-MAY-96jppc	patch_rigid_a	19.9	Only 2 Points, Negative Slope
10	0209	1	25-JUN-97jppc	patch_rigid_a	19.8	Only 2 Points, Negative Slope
10	1201	1	05-OCT-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
10	1201	1	21-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
10	1201	1		trans_crack_l		Error Undeterminable
10	4002	1		long_crack		Error Undeterminable
10	4002	1		trans_crack_no		Error Undeterminable
10	4002	1		trans_crack_l		Error Undeterminable
10	4002	1		patch_flex_no		Error Undeterminable - Negative Slope
10	4002	1		patch_flex_a		Error Undeterminable - Negative Slope
12	3804	1		trans_crack_no		Error Undeterminable
12	3804	1	03-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3804	1	17-JUL-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3804	1	30-SEP-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3804	1	17-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3804	1		trans_crack_l		Error Undeterminable
12	3811	1	28-APR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3811	1	07-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3811	1	31-AUG-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3811	1	16-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3811	1	04-MAR-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	3811	1		trans_crack_l		Error Undeterminable
12	3811	1	28-APR-89	Patching_Flex		Apparent Summarization Error in Patching Flex
12	4138	1		corner_breaks		Error Undeterminable
12	4138	1		long_crack		Error Undeterminable
12	4138	1		trans_crack_no		Error Undeterminable - Negative Slope
12	4138	1	13-APR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1	08-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1	01-AUG-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1	05-OCT-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1	09-MAR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1	21-APR-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
12	4138	1		trans_crack_l		Error Undeterminable
13	3018	1		long_crack		Error Undeterminable
13	3019	1		long_crack		Error Undeterminable
17	4074	1		trans_crack_no		Error Undeterminable
17	4074	1	02-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4074	1	25-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4074	1	07-JUN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4074	1	03-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1		trans_crack_no		Error Undeterminable
17	4082	1	13-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	23-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	07-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	13-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	18-DEC-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	15-NOV-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1	25-MAR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
17	4082	1		trans_crack_l		Error Undeterminable
18	3002	1	30-NOV-88jppc	long_crack	152.5	Error Undeterminable - Negative Slope
18	3003	1		corner_breaks		Error Undeterminable
18	3003	1		patch_flex_no		Error Undeterminable
18	3003	1		patch_flex_a		Error Undeterminable
18	4021	1	25-SEP-89pad_ac	long_crack	6.56844	Error Undeterminable - Negative Slope
18	4021	1		trans_crack_no		Error Undeterminable
18	4021	1	13-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4021	1	25-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4021	1	03-NOV-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4021	1		trans_crack_l		Error Undeterminable
18	4042	1	26-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4042	1	22-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4042	1	09-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4042	1	05-OCT-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	4042	1	23-MAR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
18	9020	1	15-MAR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	0215	1	02-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	0216	1	02-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	0217	1	02-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	0217	1		trans_crack_l		Error Undeterminable
19	0219	1		long_crack		Error Undeterminable

19	0221	1		trans_crack_no		Error Undeterminable
19	0221	1		trans_crack_l		Error Undeterminable
19	0222	1	18-OCT-94jppc	patch_rigid_a	0.2	Only 2 Points, Negative Slope
19	0222	1	18-OCT-94jppc	patch_rigid_no	2	Only 2 Points, Negative Slope
19	0222	1	02-APR-96pad42_ac	patch_rigid_a	0	Only 2 Points, Negative Slope
19	0222	1	02-APR-96pad42_ac	patch_rigid_no	0	Only 2 Points, Negative Slope
19	3006	1	28-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	3006	1	22-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	3006	1	19-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	3006	1	25-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	3006	1	27-MAR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
19	3009	1	21-SEP-93jppc	trans_crack_no	2	Error Undeterminable
19	3009	1	21-SEP-93jppc	trans_crack_l	5.1	Error Undeterminable
19	B410	1	04-NOV-91pad_ac	long_crack	0.64008	Only 2 Points, Negative Slope
19	B410	1	22-SEP-93jppc	long_crack	0	Only 2 Points, Negative Slope
20	0201	1		patch_rigid_no		Error Undeterminable
20	0201	1		patch_rigid_a		Error Undeterminable
20	0202	1	27-MAY-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	3013	1	07-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4016	1		trans_crack_no		Error Undeterminable
20	4016	1	15-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4016	1	04-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4016	1	05-DEC-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4016	1	15-DEC-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4016	1		trans_crack_l		Error Undeterminable
20	4053	1		trans_crack_no		Error Undeterminable
20	4053	1	16-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4053	1	04-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4053	1	07-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4053	1	04-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4053	1	15-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4053	1	16-MAR-89	Patching Rigid		Apparent Summarization Error in Patching Rigid
20	4054	1		trans_crack_no		Error Undeterminable
20	4054	1	24-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1	04-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1	05-DEC-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1	05-NOV-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1	05-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1	09-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4054	1		trans_crack_l		Error Undeterminable
20	4063	1		trans_crack_no		Error Undeterminable
20	4063	1	16-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4063	1	04-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4063	1	07-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4063	1	15-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4063	1		trans_crack_l		Error Undeterminable
20	4067	1		trans_crack_no		Error Undeterminable
20	4067	1	15-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	4067	1	02-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	9037	1		corner_breaks		Error Undeterminable
20	9037	1	23-AUG-88jppc	trans_crack_no	12	Error Undeterminable
20	9037	1	23-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	9037	1		trans_crack_l		Error Undeterminable
20	B410	1		long_crack		Error Undeterminable - Negative Slope
20	B410	1		trans_crack_no		Error Undeterminable - Negative Slope
20	B410	1	01-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
20	B410	1		trans_crack_l		Error Undeterminable - Negative Slope
20	B430	1	27-APR-93jppc	trans_crack_no	23	Only 2 Points, Negative Slope
20	B430	1	09-NOV-95jppc	trans_crack_no	20	Only 2 Points, Negative Slope
21	3016	1		long_crack		Error Undeterminable
21	4025	1		corner_breaks		Error Undeterminable
21	4025	1	15-NOV-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
21	4025	1	08-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
21	4025	1		trans_crack_l		Error Undeterminable
22	4001	1		trans_crack_no		Error Undeterminable
22	4001	1	14-JAN-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
22	4001	1	08-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
22	4001	1		trans_crack_l		Error Undeterminable
26	0214	1	08-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	0218	1		corner_breaks		Error Undeterminable
26	0218	1		long_crack		Error Undeterminable
26	0224	1	23-MAY-95	Patching Rigid		Apparent Summarization Error in Patching Rigid
26	0601	1		trans_crack_no		Error Undeterminable - Negative Slope
26	0601	1		trans_crack_l		Error Undeterminable - Negative Slope
26	3068	1		corner_breaks		Error Undeterminable
26	3069	1		corner_breaks		Error Undeterminable
26	9030	1		trans_crack_no		Error Undeterminable
26	9030	1	12-JUL-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
26	9030	1	01-NOV-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	4033	1	09-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
27	4033	1	13-NOV-90	Trans_Crack		Apparent Summarization Error in Trans Cracking

27	4033	1	11-MAY-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
27	4033	1	21-JUN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
27	4033	1		trans_crack_l	Error Undeterminable
27	4034	1	25-JUN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
27	4055	1	20-JUN-89	Patching Rigid	Apparent Summarization Error in Patching Rigid
27	4082	1		corner_breaks	Error Undeterminable
27	4082	1	15-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
27	4082	1	14-NOV-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	3019	1	03-MAR-91pad_ac	patch_flex_no	2 Error Undeterminable
28	3019	1	03-MAR-91pad_ac	patch_flex_a	1.1566428 Error Undeterminable
29	4036	1		trans_crack_no	Error Undeterminable
29	4036	1	16-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4036	1	07-NOV-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4036	1	01-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4036	1	04-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4036	1	15-APR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4036	1		trans_crack_l	Error Undeterminable
29	4069	1	09-MAR-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4069	1	07-NOV-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4069	1	04-FEB-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	4069	1		trans_crack_l	Error Undeterminable - Negative Slope
29	4069	1		patch_flex_no	Error Undeterminable - Negative Slope
29	4069	1		patch_flex_a	Error Undeterminable - Negative Slope
29	5000	1		long_crack	Error Undeterminable
29	5000	1		trans_crack_no	Error Undeterminable
29	5000	1	21-MAR-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5000	1	09-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5000	1	02-JUN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5000	1	15-APR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5000	1		trans_crack_l	Error Undeterminable
29	5000	1	18-JUL-95jpcc	patch_flex_no	6 Error Undeterminable
29	5000	1	18-JUL-95jpcc	patch_flex_a	2.2 Error Undeterminable
29	5058	1		trans_crack_no	Error Undeterminable - Negative Slope
29	5058	1	21-MAR-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5058	1	09-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5058	1	02-JUN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5058	1	04-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5058	1	15-APR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5058	1		trans_crack_l	Error Undeterminable
29	5081	1	21-MAR-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5081	1	09-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5081	1	02-JUN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5081	1	04-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5081	1	15-APR-97	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5081	1		trans_crack_l	Error Undeterminable
29	5091	1		long_crack	Error Undeterminable
29	5091	1		trans_crack_no	Error Undeterminable
29	5091	1	21-MAR-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5091	1	09-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5091	1	02-JUN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5091	1		trans_crack_l	Error Undeterminable
29	5091	1		patch_flex_no	Error Undeterminable
29	5091	1	05-MAR-98	Patching_Flex	Apparent Summarization Error in Patching Flex
29	A410	1		trans_crack_no	Error Undeterminable - Negative Slope
29	A410	1	13-DEC-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	A410	1		trans_crack_l	Error Undeterminable - Negative Slope
29	A410	1		patch_rigid_a	Error Undeterminable
29	A410	1	14-MAY-91	Patching_Flex	Apparent Summarization Error in Patching Flex
29	A430	1		long_crack	Error Undeterminable
29	A430	1		trans_crack_no	Error Undeterminable - Negative Slope
29	A430	1		trans_crack_l	Error Undeterminable - Negative Slope
29	B410	1		trans_crack_no	Error Undeterminable
29	B410	1		trans_crack_l	Error Undeterminable
29	B430	1	25-MAR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	3023	1		long_crack	Error Undeterminable
31	3023	1		trans_crack_no	Error Undeterminable
31	3023	1		trans_crack_l	Error Undeterminable
31	4019	1		trans_crack_no	Error Undeterminable
31	4019	1	10-JUL-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	4019	1	18-AUG-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	4019	1	11-AUG-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	4019	1	20-SEP-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	4019	1		trans_crack_l	Error Undeterminable
31	6701	1	28-JUL-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	B410	1		long_crack	Error Undeterminable - Negative Slope
31	B410	1		trans_crack_no	Error Undeterminable - Negative Slope
31	B410	1		trans_crack_l	Error Undeterminable - Negative Slope
31	B430	1		long_crack	Error Undeterminable - Negative Slope
31	C410	1		trans_crack_no	Error Undeterminable - Negative Slope
31	C410	1	11-AUG-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	C410	1		trans_crack_l	Error Undeterminable - Negative Slope

31	C430	1		trans_crack_no		Error Undeterminable
31	C430	1	11-AUG-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
31	C430	1		trans_crack_l		Error Undeterminable - Negative Slope
32	0202	1		corner_breaks		Error Undeterminable
32	0202	1	02-JUN-97	Patching_Flex		Apparent Summarization Error in Patching Flex
32	0203	1	26-MAR-96jpcc	long_crack	43.8	Only 2 Points, Negative Slope
32	0203	1	26-MAR-96jpcc	trans_crack_no	52	Only 2 Points, Negative Slope
32	0203	1	30-MAY-96pad42_ac	long_crack	43.1	Only 2 Points, Negative Slope
32	0203	1	30-MAY-96pad42_ac	trans_crack_no	44	Only 2 Points, Negative Slope
32	0204	1		long_crack		Error Undeterminable
32	0204	1		patch_rigid_a		Error Undeterminable - Negative Slope
32	0205	1	26-MAR-96jpcc	long_crack	33	Only 2 Points, Negative Slope
32	0205	1	26-MAR-96jpcc	trans_crack_no	75	Only 2 Points, Negative Slope
32	0205	1	26-MAR-96jpcc	trans_crack_l	91.2	Only 2 Points, Negative Slope
32	0205	1	30-MAY-96pad42_ac	long_crack	26.8	Only 2 Points, Negative Slope
32	0205	1	30-MAY-96pad42_ac	trans_crack_no	30	Only 2 Points, Negative Slope
32	0205	1	30-MAY-96pad42_ac	trans_crack_l	83.3	Only 2 Points, Negative Slope
32	0208	1	27-MAR-96jpcc	long_crack	8.3	Only 2 Points, Negative Slope
32	0208	1	27-MAR-96jpcc	patch_flex_a	1	Only 2 Points, Negative Slope
32	0208	1	27-MAR-96jpcc	patch_flex_no	2	Only 2 Points, Negative Slope
32	0208	1	30-MAY-96pad42_ac	long_crack	3.9	Only 2 Points, Negative Slope
32	0208	1	30-MAY-96pad42_ac	patch_flex_a	0	Only 2 Points, Negative Slope
32	0208	1	30-MAY-96pad42_ac	patch_flex_no	0	Only 2 Points, Negative Slope
32	0209	1		trans_crack_no		Error Undeterminable - Negative Slope
32	0209	1	30-MAY-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
32	0209	1		trans_crack_l		Error Undeterminable - Negative Slope
32	0210	1	30-MAY-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
32	0211	1	26-MAR-96jpcc	long_crack	1.8	Only 2 Points, Negative Slope
32	0211	1	26-MAR-96jpcc	trans_crack_no	1	Only 2 Points, Negative Slope
32	0211	1	26-MAR-96jpcc	trans_crack_l	0.5	Only 2 Points, Negative Slope
32	0211	1	30-MAY-96pad42_ac	long_crack	1.7	Only 2 Points, Negative Slope
32	0211	1	30-MAY-96pad42_ac	trans_crack_no	0	Only 2 Points, Negative Slope
32	0211	1	30-MAY-96pad42_ac	trans_crack_l	0	Only 2 Points, Negative Slope
34	4042	1	24-FEB-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
34	4042	1	04-NOV-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
36	4018	1	19-SEP-96jpcc	long_crack	5.4	Error Undeterminable
36	4018	1		trans_crack_no		Error Undeterminable
36	4018	1		trans_crack_l		Error Undeterminable
37	3008	1		long_crack		Error Undeterminable
37	3008	1	31-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
37	3044	1		long_crack		Error Undeterminable
37	3807	1	15-OCT-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
38	0217	1		trans_crack_no		Error Undeterminable
38	0217	1	12-JUN-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
38	0217	1		trans_crack_l		Error Undeterminable
39	3013	1		corner_breaks		Error Undeterminable
39	4018	1		trans_crack_no		Error Undeterminable
39	4018	1	18-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4018	1	27-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4018	1	24-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4018	1	30-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4018	1	29-APR-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4018	1		trans_crack_l		Error Undeterminable
39	4031	1	28-NOV-88jpcc	corner_breaks	15	Error Undeterminable
39	4031	1		trans_crack_no		Error Undeterminable
39	4031	1	28-NOV-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	4031	1		trans_crack_l		Error Undeterminable
39	4031	1	30-APR-91pad_ac	patch_flex_no	19	Error Undeterminable
39	4031	1	30-APR-91pad_ac	patch_flex_a	4.6739519	Error Undeterminable
39	9006	1		trans_crack_no		Error Undeterminable
39	9006	1	18-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	9006	1	24-APR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
39	9006	1		trans_crack_l		Error Undeterminable
39	A410	1	30-APR-91jpcc	trans_crack_no	36	Only 2 Points, Negative Slope
39	A410	1	30-APR-91jpcc	trans_crack_l	120.1	Only 2 Points, Negative Slope
39	A410	1	29-APR-92pad_ac	trans_crack_no	30	Only 2 Points, Negative Slope
39	A410	1	29-APR-92pad_ac	trans_crack_l	103.644192	Only 2 Points, Negative Slope
39	A430	1	30-APR-91jpcc	trans_crack_no	35	Only 2 Points, Negative Slope
39	A430	1	30-APR-91jpcc	trans_crack_l	100.2	Only 2 Points, Negative Slope
39	A430	1	29-APR-92pad_ac	trans_crack_no	26	Only 2 Points, Negative Slope
39	A430	1	29-APR-92pad_ac	trans_crack_l	89.114376	Only 2 Points, Negative Slope
39	B430	1		long_crack		Error Undeterminable
40	0601	1		trans_crack_no		Error Undeterminable
40	0601	1	02-NOV-94jpcc	patch_rigid_no	2	Error Undeterminable
40	0601	1		patch_rigid_a		Error Undeterminable - Negative Slope
40	0602	1		long_crack		Error Undeterminable
40	0602	1		trans_crack_no		Error Undeterminable - Negative Slope
40	0602	1		trans_crack_l		Error Undeterminable - Negative Slope
40	0602	1		patch_rigid_a		Error Undeterminable - Negative Slope
40	0605	1	22-APR-96pad42_ac	long_crack	7	Error Undeterminable
40	0605	1		trans_crack_no		Error Undeterminable

40	0605	1		patch_rigid_a		Error Undeterminable - Negative Slope
40	3018	1	08-OCT-91jpcc	corner_breaks	4	Error Undeterminable
40	A420	1	14-OCT-91pad_ac	long_crack	15.48384	Error Undeterminable - Negative Slope
42	0602	1	30-NOV-89jpcc	patch_flex_a	1.4	Only 2 Points, Negative Slope
42	0602	1	30-NOV-89jpcc	patch_flex_no	6	Only 2 Points, Negative Slope
42	0602	1	24-JUL-90jpcc	patch_flex_a	0	Only 2 Points, Negative Slope
42	0602	1	24-JUL-90jpcc	patch_flex_no	0	Only 2 Points, Negative Slope
42	0605	1		trans_crack_no		Error Undeterminable
42	0605	1		trans_crack_l		Error Undeterminable
42	0605	1		patch_rigid_no		Error Undeterminable
42	0605	1	16-JUN-94	Patching Rigid		Apparent Summarization Error in Patching Rigid
42	0605	1	21-AUG-97	Patching Rigid		Apparent Summarization Error in Patching Rigid
42	0605	1		patch_flex_a		Error Undeterminable
42	0606	1	16-NOV-89jpcc	patch_flex_a	5.8	Only 2 Points, Negative Slope
42	0606	1	24-JUL-90jpcc	patch_flex_a	5.5	Only 2 Points, Negative Slope
42	1606	1		trans_crack_no		Error Undeterminable
42	1606	1		trans_crack_l		Error Undeterminable
42	1623	1		trans_crack_no		Error Undeterminable
42	1623	1		trans_crack_l		Error Undeterminable
42	1627	1	29-AUG-89	Patching_Flex		Apparent Summarization Error in Patching Flex
42	1690	1		trans_crack_no		Error Undeterminable
42	1690	1	08-FEB-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1690	1	26-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1690	1	25-FEB-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1690	1		trans_crack_l		Error Undeterminable
42	1690	1	29-AUG-95jpcc	patch_rigid_no	1	Error Undeterminable
42	1690	1	29-AUG-95jpcc	patch_rigid_a	38.1	Error Undeterminable
42	1690	1	08-FEB-90pad_ac	patch_flex_no	7	Error Undeterminable - Negative Slope
42	1690	1	08-FEB-90pad_ac	patch_flex_a	3.5665477	Error Undeterminable - Negative Slope
42	1690	1	29-AUG-95jpcc	patch_flex_a	0.2	Error Undeterminable - Negative Slope
42	9027	1		long_crack		Error Undeterminable
42	A410	1	26-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	C410	1	05-AUG-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	C410	1	02-OCT-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	C430	1	02-AUG-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	C430	1		trans_crack_l		Error Undeterminable
46	3012	1	14-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	A420	1	28-OCT-92jpcc	patch_rigid_no	7	Only 2 Points, Negative Slope
46	A420	1	13-JUL-93jpcc	patch_rigid_no	6	Only 2 Points, Negative Slope
48	3010	1		long_crack		Error Undeterminable
48	3589	1		corner_breaks		Error Undeterminable
48	3589	1		trans_crack_no		Error Undeterminable
48	3589	1		trans_crack_l		Error Undeterminable
48	3589	1		patch_flex_no		Error Undeterminable
48	3589	1		patch_flex_a		Error Undeterminable
48	3699	1		trans_crack_no		Error Undeterminable - Negative Slope
48	3699	1	26-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3699	1		trans_crack_l		Error Undeterminable - Negative Slope
48	4142	1	27-FEB-91pad_ac	trans_crack_no	5	Error Undeterminable - Negative Slope
48	4142	1	30-JAN-92pad_ac	trans_crack_no	11	Error Undeterminable - Negative Slope
48	4142	1	01-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	4142	1	27-FEB-91pad_ac	trans_crack_l	16.27632	Error Undeterminable - Negative Slope
48	4142	1	30-JAN-92pad_ac	trans_crack_l	38.288976	Error Undeterminable - Negative Slope
48	4142	1	01-MAR-95pad42_ac	trans_crack_l	3.9	Error Undeterminable - Negative Slope
48	4143	1	07-MAR-90pad_ac	trans_crack_no	2	Error Undeterminable - Negative Slope
48	4143	1	07-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	4143	1	07-MAR-90pad_ac	trans_crack_l	7.674864	Error Undeterminable - Negative Slope
48	4146	1	25-FEB-95pad42_ac	trans_crack_no	5	Error Undeterminable
48	4146	1	25-FEB-95pad42_ac	trans_crack_l	10.1	Error Undeterminable
48	4152	1	08-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	4152	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	4152	1	25-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	4152	1		trans_crack_l		Error Undeterminable
48	A410	1		trans_crack_no		Error Undeterminable - Negative Slope
48	A410	1		trans_crack_l		Error Undeterminable - Negative Slope
48	A420	1		trans_crack_no		Error Undeterminable - Negative Slope
48	A420	1		trans_crack_l		Error Undeterminable - Negative Slope
48	B420	1		patch_rigid_no		Error Undeterminable
48	B420	1	08-JUN-95	Patching Rigid		Apparent Summarization Error in Patching Rigid
48	B420	1		patch_rigid_a		Error Undeterminable
48	B420	1	03-APR-92jpcc	patch_flex_no	3	Error Undeterminable - Negative Slope
48	B420	1	03-APR-92jpcc	patch_flex_a	6.1	Error Undeterminable - Negative Slope
48	C410	1		corner_breaks		Error Undeterminable
48	C410	1		trans_crack_no		Error Undeterminable
48	C410	1	25-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	C410	1		trans_crack_l		Error Undeterminable
48	C410	1		patch_rigid_no		Error Undeterminable
48	C410	1		patch_rigid_a		Error Undeterminable
48	C410	1		patch_flex_no		Error Undeterminable - Negative Slope
48	C410	1		patch_flex_a		Error Undeterminable - Negative Slope
48	C420	1		corner_breaks		Error Undeterminable

48	C420	1		trans_crack_no		Error Undeterminable - Negative Slope
48	C420	1		trans_crack_l		Error Undeterminable - Negative Slope
48	C420	1		patch_rigid_no		Error Undeterminable
48	C420	1		patch_rigid_a		Error Undeterminable
48	C420	1		patch_flex_no		Error Undeterminable
48	C420	1		patch_flex_a		Error Undeterminable
48	C430	1		corner_breaks		Error Undeterminable
48	C430	1		trans_crack_no		Error Undeterminable - Negative Slope
48	C430	1		trans_crack_l		Error Undeterminable
48	C430	1	25-JAN-90pad_ac	patch_flex_no	2	Error Undeterminable
48	C430	1		patch_flex_a		Error Undeterminable
48	D410	1	27-FEB-91pad_ac	trans_crack_no	10	Error Undeterminable
48	D410	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	D410	1	27-FEB-91pad_ac	trans_crack_l	37.834824	Error Undeterminable
48	D420	1		trans_crack_no		Error Undeterminable
48	D420	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	D420	1	19-MAR-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	D420	1		trans_crack_l		Error Undeterminable
48	D430	1		trans_crack_no		Error Undeterminable
48	D430	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	D430	1	19-MAR-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	D430	1		trans_crack_l		Error Undeterminable
48	E410	1	27-FEB-91pad_ac	trans_crack_no	10	Error Undeterminable - Negative Slope
48	E410	1	27-FEB-91pad_ac	trans_crack_l	17.611344	Error Undeterminable - Negative Slope
48	E420	1	27-FEB-91pad_ac	long_crack	13.926312	Error Undeterminable - Negative Slope
48	E420	1	30-JAN-92	Patching_Flex		Apparent Summarization Error in Patching Flex
48	E430	1	27-FEB-91pad_ac	long_crack	26.020776	Error Undeterminable - Negative Slope
48	E430	1		trans_crack_no		Error Undeterminable - Negative Slope
48	E430	1		trans_crack_l		Error Undeterminable - Negative Slope
53	0206	1	24-OCT-95jpcc	long_crack	53	Only 2 Points, Negative Slope
53	0206	1	22-MAY-97jpcc	long_crack	0	Only 2 Points, Negative Slope
54	4003	1		trans_crack_no		Error Undeterminable
54	4003	1		trans_crack_l		Error Undeterminable
54	4004	1		corner_breaks		Error Undeterminable
54	4004	1		long_crack		Error Undeterminable - Negative Slope
54	4004	1		trans_crack_no		Error Undeterminable
54	4004	1	02-MAY-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
54	4004	1	04-JUN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
54	4004	1		trans_crack_l		Error Undeterminable
55	3008	1	12-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	3008	1	05-MAY-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	3008	1	09-NOV-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	3008	1	03-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	3014	1	29-APR-93pad42_ac	trans_crack_no	2	Error Undeterminable
55	3014	1	29-APR-93pad42_ac	trans_crack_l	5.3	Error Undeterminable
55	3019	1	19-JUN-89	Patching_Flex		Apparent Summarization Error in Patching Flex
55	6352	1	28-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	6353	1		long_crack		Error Undeterminable
55	6353	1	28-APR-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	6353	1	02-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	6354	1		long_crack		Error Undeterminable
72	4121	1		corner_breaks		Error Undeterminable
84	3803	1		patch_rigid_no		Error Undeterminable - Negative Slope
84	3803	1		patch_rigid_a		Error Undeterminable - Negative Slope
84	3803	1	03-AUG-95	Patching_Flex		Apparent Summarization Error in Patching Flex
89	3001	1		corner_breaks		Error Undeterminable
89	3001	1	14-AUG-90pad_ac	patch_flex_no	1	Error Undeterminable
89	3001	1	14-AUG-90pad_ac	patch_flex_a	0.19138026	Error Undeterminable
89	3015	1		long_crack		Error Undeterminable - Negative Slope
89	3015	1	17-MAY-93pad42_ac	trans_crack_no	2	Error Undeterminable - Negative Slope
89	3015	1	11-AUG-94	Trans_Crack		Apparent Summarization Error in Trans Cracking
89	3015	1	17-MAY-93pad42_ac	trans_crack_l	6.3	Error Undeterminable - Negative Slope
89	3015	1	11-AUG-94jpcc	trans_crack_l	0.1	Error Undeterminable - Negative Slope
89	3015	1	17-OCT-95pad42_ac	trans_crack_l	3.1	Error Undeterminable - Negative Slope
89	3015	1		patch_rigid_no		Error Undeterminable
89	3015	1		patch_rigid_a		Error Undeterminable
89	3015	1		patch_flex_no		Error Undeterminable
89	3015	1		patch_flex_a		Error Undeterminable
89	9018	1		long_crack		Error Undeterminable

APPENDIX H. DISCREPANCIES IN CRC DISTRESS

St	SHRP	CN	Survey	Type	Distress	Qty	Error
01	5008	1			punchouts		Error Undeterminable
01	5008	1	29-MAR-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	5008	1	12-FEB-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	5008	1	29-MAR-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	5008	1	12-FEB-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
01	5008	1			trans_crack_1		Error Undeterminable
05	5803	1			punchouts		Error Undeterminable
05	5803	1	27-FEB-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1	29-NOV-94		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1	06-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1			trans_crack_no		Error Undeterminable
05	5803	1	27-FEB-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1	29-NOV-94		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1	06-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5803	1			trans_crack_1		Error Undeterminable
05	5805	1	14-NOV-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1	27-FEB-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1	06-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1			trans_crack_no		Error Undeterminable
05	5805	1	14-NOV-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1	27-FEB-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1	06-DEC-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
05	5805	1			trans_crack_1		Error Undeterminable
09	5001	1	31-JUL-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	04-SEP-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	29-SEP-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	30-OCT-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1			trans_crack_no		Error Undeterminable
09	5001	1	31-JUL-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	04-SEP-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	29-SEP-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1	30-OCT-95		Trans_Crack		Apparent Summarization Error in Trans Cracking
09	5001	1			trans_crack_1		Error Undeterminable - Negative Slope
10	5004	1			punchouts		Error Undeterminable
10	5004	1			long_crack		Error Undeterminable
10	5004	1	05-OCT-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1	21-MAR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1	06-OCT-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1			trans_crack_no		Error Undeterminable
10	5004	1	05-OCT-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1	21-MAR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1	06-OCT-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5004	1			trans_crack_1		Error Undeterminable
10	5005	1	05-OCT-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1	21-MAR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1	06-OCT-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1	05-OCT-89		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1	21-MAR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1	06-OCT-92		Trans_Crack		Apparent Summarization Error in Trans Cracking
10	5005	1			trans_crack_1		Error Undeterminable
13	4118	1			punchouts		Error Undeterminable
13	5023	1			punchouts		Error Undeterminable
13	5023	1	09-APR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
13	5023	1	25-JAN-96		Trans_Crack		Apparent Summarization Error in Trans Cracking
13	5023	1			trans_crack_no		Error Undeterminable
13	5023	1	09-APR-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
13	5023	1	25-JAN-96		Trans_Crack		Apparent Summarization Error in Trans Cracking
13	5023	1			trans_crack_1		Error Undeterminable
17	5020	1	15-JUL-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5020	1	15-NOV-93		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5020	1			trans_crack_no		Error Undeterminable
17	5020	1	15-JUL-91		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5020	1	15-NOV-93		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5020	1			trans_crack_1		Error Undeterminable
17	5843	1	02-AUG-88		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5843	1	15-OCT-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5843	1			trans_crack_no		Error Undeterminable
17	5843	1	02-AUG-88		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5843	1	15-OCT-90		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5843	1			trans_crack_1		Error Undeterminable
17	5849	1			long_crack		Error Undeterminable - Negative Slope
17	5849	1			trans_crack_no		Error Undeterminable - Negative Slope
17	5849	1	04-AUG-88		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5849	1	29-JUL-94		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5849	1	26-MAR-96		Trans_Crack		Apparent Summarization Error in Trans Cracking
17	5849	1			trans_crack_1		Error Undeterminable
17	5854	1			trans_crack_no		Error Undeterminable - Negative Slope

17	5854	1	04-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5854	1	24-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5854	1	28-JUL-94	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5854	1	27-MAR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5854	1		trans_crack_l	Error Undeterminable
17	5869	1		long_crack	Error Undeterminable - Negative Slope
17	5869	1	04-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1	24-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1	28-JUL-94	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1		trans_crack_no	Error Undeterminable
17	5869	1	04-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1	24-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1	28-JUL-94	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5869	1		trans_crack_l	Error Undeterminable
17	5908	1		trans_crack_no	Error Undeterminable - Negative Slope
17	5908	1	30-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5908	1	13-NOV-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5908	1	10-MAY-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5908	1	31-MAY-94	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5908	1	23-MAR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	5908	1		trans_crack_l	Error Undeterminable
17	9267	1		trans_crack_no	Error Undeterminable - Negative Slope
17	9267	1	07-JUL-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	9267	1	07-MAY-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	9267	1	22-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
17	9267	1		trans_crack_l	Error Undeterminable
18	5022	1	13-JUL-88	crc trans_crack_no 77	Only 2 Points, Negative Slope
18	5022	1	25-SEP-89	pad_crc trans_crack_no 75	Only 2 Points, Negative Slope
18	5518	1	01-DEC-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
18	5518	1	01-DEC-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
18	5518	1	01-DEC-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
18	5518	1	01-DEC-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	0703	2		trans_crack_no	Error Undeterminable
19	0708	2		trans_crack_no	Error Undeterminable - Negative Slope
19	0708	2		trans_crack_l	Error Undeterminable - Negative Slope
19	0709	2		trans_crack_no	Error Undeterminable - Negative Slope
19	0709	2		trans_crack_l	Error Undeterminable - Negative Slope
19	5042	1	07-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1	18-MAY-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1	02-APR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1		trans_crack_no	Error Undeterminable
19	5042	1	07-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1	18-MAY-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1	02-APR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5042	1		trans_crack_l	Error Undeterminable
19	5046	1	20-JUL-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1	14-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1	18-MAY-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1		trans_crack_no	Error Undeterminable
19	5046	1	20-JUL-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1	14-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1	18-MAY-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
19	5046	1		trans_crack_l	Error Undeterminable
19	5046	1	20-JUL-88	crc patch_rigid_no 1	Error Undeterminable
19	5046	1	20-JUL-88	Patching Rigid	Apparent Summarization Error in Patching Rigid
19	5046	1		patch_rigid_a	Error Undeterminable
24	5807	1	11-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1	18-APR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1	18-NOV-97	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1		trans_crack_no	Error Undeterminable
24	5807	1	11-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1	18-APR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1	18-NOV-97	Trans_Crack	Apparent Summarization Error in Trans Cracking
24	5807	1		trans_crack_l	Error Undeterminable
26	5363	1		punchouts	Error Undeterminable
26	5363	1	18-JUL-90	pad_crc long_crack 0	Error Undeterminable
26	5363	1	05-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
26	5363	1	18-JUL-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
26	5363	1		trans_crack_no	Error Undeterminable
26	5363	1	05-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
26	5363	1	18-JUL-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
26	5363	1		trans_crack_l	Error Undeterminable
26	5363	1		patch_flex_no	Error Undeterminable
26	5363	1		patch_flex_a	Error Undeterminable
28	5006	1	03-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5006	1	16-NOV-95	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5006	1	11-DEC-95	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5006	1		trans_crack_no	Error Undeterminable
28	5006	1	03-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5006	1	16-NOV-95	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5006	1	11-DEC-95	Trans_Crack	Apparent Summarization Error in Trans Cracking

28	5006	1		trans_crack_l	Error Undeterminable
28	5025	1	27-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	14-JAN-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	13-JUL-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	07-JAN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1		trans_crack_no	Error Undeterminable
28	5025	1	27-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	14-JAN-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	13-JUL-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1	07-JAN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5025	1		trans_crack_l	Error Undeterminable - Negative Slope
28	5803	1	10-JAN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1	28-FEB-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1	09-DEC-95	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1		trans_crack_no	Error Undeterminable
28	5803	1	10-JAN-90	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1	28-FEB-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1	09-DEC-95	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5803	1		trans_crack_l	Error Undeterminable
28	5805	1	26-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1	15-JAN-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1	08-JAN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1		trans_crack_no	Error Undeterminable
28	5805	1	26-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1	15-JAN-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1	08-JAN-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
28	5805	1		trans_crack_l	Error Undeterminable
29	5047	1		trans_crack_no	Error Undeterminable - Negative Slope
29	5047	1	19-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5047	1	22-JUN-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5047	1	28-MAR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5047	1	25-MAR-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
29	5047	1		trans_crack_l	Error Undeterminable
31	5052	1		punchouts	Error Undeterminable
31	5052	1		long_crack	Error Undeterminable
31	5052	1	26-JUL-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1	15-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1	16-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1		trans_crack_no	Error Undeterminable
31	5052	1	26-JUL-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1	15-MAY-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1	16-APR-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
31	5052	1		trans_crack_l	Error Undeterminable
37	5037	1		long_crack	Error Undeterminable
37	5037	1	03-NOV-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1	10-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1	14-OCT-92	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1		trans_crack_no	Error Undeterminable
37	5037	1	03-NOV-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1	10-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1	14-OCT-92	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5037	1		trans_crack_l	Error Undeterminable
37	5826	1		trans_crack_no	Error Undeterminable - Negative Slope
37	5826	1	15-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5826	1	20-OCT-92	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5826	1		trans_crack_l	Error Undeterminable
37	5827	1		long_crack	Error Undeterminable
37	5827	1	13-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1	19-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1	07-FEB-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1		trans_crack_no	Error Undeterminable
37	5827	1	13-OCT-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1	19-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1	07-FEB-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
37	5827	1		trans_crack_l	Error Undeterminable
38	5002	1		trans_crack_no	Error Undeterminable - Negative Slope
38	5002	1	15-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
38	5002	1	01-JUN-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
38	5002	1		trans_crack_l	Error Undeterminable - Negative Slope
39	5003	1	30-AUG-89pad_crc	long_crack 22.527768	Error Undeterminable - Negative Slope
39	5003	1	05-NOV-92	Trans_Crack	Apparent Summarization Error in Trans Cracking
39	5003	1	05-NOV-92pad42_crc	trans_crack_no 122	Error Undeterminable
39	5003	1	05-NOV-92	Trans_Crack	Apparent Summarization Error in Trans Cracking
39	5003	1		trans_crack_l	Error Undeterminable
40	4158	1	14-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
40	4158	1	14-MAR-91pad_crc	trans_crack_no 67	Error Undeterminable
40	4158	1	14-MAR-91	Trans_Crack	Apparent Summarization Error in Trans Cracking
40	4158	1	14-MAR-91pad_crc	trans_crack_l 275.53615	Error Undeterminable
40	4166	1	09-MAR-95pad42_crc	trans_crack_no 67	Error Undeterminable
40	4166	1		trans_crack_l	Error Undeterminable
40	5021	1		punchouts	Error Undeterminable

40	5021	1	20-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
40	5021	1	20-APR-96	pad42_crc trans_crack_no 120		Error Undeterminable
40	5021	1	20-APR-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
40	5021	1		trans_crack_1		Error Undeterminable
42	1598	1		long_crack		Error Undeterminable
42	1598	1	18-JUL-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1598	1	25-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1598	1		trans_crack_no		Error Undeterminable
42	1598	1	18-JUL-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1598	1	25-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	1598	1		trans_crack_1		Error Undeterminable - Negative Slope
42	1598	1	07-OCT-95	pad42_crc patch_flex_a 1.1		Error Undeterminable
42	5020	1	28-JUL-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1	12-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1	24-FEB-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1		trans_crack_no		Error Undeterminable
42	5020	1	28-JUL-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1	12-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1	24-FEB-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
42	5020	1		trans_crack_1		Error Undeterminable
45	5017	1	09-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1	05-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1		trans_crack_no		Error Undeterminable
45	5017	1	09-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1	05-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5017	1		trans_crack_1		Error Undeterminable - Negative Slope
45	5034	1	15-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1	05-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1		trans_crack_no		Error Undeterminable
45	5034	1	15-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1	05-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5034	1		trans_crack_1		Error Undeterminable
45	5035	1		punchouts		Error Undeterminable
45	5035	1	05-JUN-90	pad_crc long_crack 0		Error Undeterminable
45	5035	1	05-JUN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5035	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5035	1		trans_crack_no		Error Undeterminable
45	5035	1	05-JUN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5035	1	29-JAN-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
45	5035	1		trans_crack_1		Error Undeterminable
46	5020	1		punchouts		Error Undeterminable
46	5020	1		long_crack		Error Undeterminable
46	5025	1		trans_crack_no		Error Undeterminable - Negative Slope
46	5025	1	02-MAY-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	5025	1	06-OCT-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
46	5025	1		trans_crack_1		Error Undeterminable
46	5040	1	19-MAY-89	pad_crc long_crack 5.998464		Only 2 Points, Negative Slope
46	5040	1	15-DEC-90	pad_crc long_crack 2.923032		Only 2 Points, Negative Slope
48	3569	1		punchouts		Error Undeterminable
48	3569	1		long_crack		Error Undeterminable
48	3569	1	23-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3569	1	05-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3569	1		trans_crack_no		Error Undeterminable
48	3569	1	23-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3569	1	05-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1		punchouts		Error Undeterminable
48	3719	1	07-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1	25-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1		trans_crack_no		Error Undeterminable
48	3719	1	07-MAR-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1	27-FEB-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1	25-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3719	1		trans_crack_1		Error Undeterminable
48	3779	1		punchouts		Error Undeterminable
48	3779	1		long_crack		Error Undeterminable
48	3779	1	11-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3779	1	11-SEP-90	pad_crc trans_crack_no 112		Error Undeterminable
48	3779	1	11-SEP-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3779	1	11-SEP-90	pad_crc trans_crack_1 443.46571		Error Undeterminable
48	3845	1	08-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3845	1	11-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3845	1	15-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3845	1	14-APR-98	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3845	1		trans_crack_no		Error Undeterminable
48	3845	1	08-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	3845	1	11-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking

48	5310	1	21-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5310	1	11-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5310	1	09-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5310	1		trans_crack_l		Error Undeterminable
48	5317	1	21-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5317	1	29-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5317	1		trans_crack_no		Error Undeterminable
48	5317	1	21-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5317	1	29-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5317	1		trans_crack_l		Error Undeterminable
48	5323	1		long_crack		Error Undeterminable
48	5323	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5323	1	13-MAR-95pad42_crc	trans_crack_no	202	Error Undeterminable
48	5323	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5323	1	13-MAR-95pad42_crc	trans_crack_l	827.2	Error Undeterminable
48	5328	1	21-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1	11-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1	09-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1		trans_crack_no		Error Undeterminable
48	5328	1	21-MAR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1	11-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1	09-FEB-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5328	1		trans_crack_l		Error Undeterminable
48	5334	1		punchouts		Error Undeterminable
48	5334	1		long_crack		Error Undeterminable
48	5334	1		trans_crack_no		Error Undeterminable - Negative Slope
48	5334	1	25-APR-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5334	1		trans_crack_l		Error Undeterminable - Negative Slope
48	5335	1	10-AUG-95crc	punchouts	6	Error Undeterminable
48	5335	1		long_crack		Error Undeterminable
48	5335	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5335	1	13-MAR-95pad42_crc	trans_crack_no	176	Error Undeterminable
48	5335	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5335	1	13-MAR-95pad42_crc	trans_crack_l	736.7	Error Undeterminable
48	5336	1		punchouts		Error Undeterminable
48	5336	1	11-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5336	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5336	1		trans_crack_no		Error Undeterminable
48	5336	1	11-JAN-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5336	1	13-MAR-95	Trans_Crack		Apparent Summarization Error in Trans Cracking
48	5336	1		trans_crack_l		Error Undeterminable
51	2564	1	12-OCT-89pad_crc	trans_crack_no	218	Only 2 Points, Negative Slope
51	2564	1	12-OCT-89pad_crc	trans_crack_l	823.6397	Only 2 Points, Negative Slope
51	2564	1	20-MAR-91pad_crc	trans_crack_no	166	Only 2 Points, Negative Slope
51	2564	1	20-MAR-91pad_crc	trans_crack_l	684.8033	Only 2 Points, Negative Slope
51	5008	1	12-OCT-89pad_crc	trans_crack_no	191	Only 2 Points, Negative Slope
51	5008	1	12-OCT-89pad_crc	trans_crack_l	720.39175	Only 2 Points, Negative Slope
51	5008	1	20-MAR-91pad_crc	trans_crack_no	156	Only 2 Points, Negative Slope
51	5008	1	20-MAR-91pad_crc	trans_crack_l	634.36804	Only 2 Points, Negative Slope
51	5009	1		long_crack		Error Undeterminable
51	5009	1	20-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1	08-OCT-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1	09-FEB-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1		trans_crack_no		Error Undeterminable
51	5009	1	20-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1	08-OCT-92	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1	09-FEB-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5009	1		trans_crack_l		Error Undeterminable
51	5010	1	20-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5010	1	20-NOV-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5010	1	20-MAR-91	Trans_Crack		Apparent Summarization Error in Trans Cracking
51	5010	1	20-NOV-97	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	24-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	19-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	19-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	12-MAY-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	10-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1		trans_crack_no		Error Undeterminable
55	5037	1	24-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	19-JUN-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	19-OCT-90	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	12-MAY-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1	10-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5037	1		trans_crack_l		Error Undeterminable
55	5040	1		punchouts		Error Undeterminable
55	5040	1		long_crack		Error Undeterminable
55	5040	1	18-AUG-88	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5040	1	12-SEP-89	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5040	1	05-MAY-93	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5040	1	03-JUL-96	Trans_Crack		Apparent Summarization Error in Trans Cracking
55	5040	1		trans_crack_no		Error Undeterminable

55	5040	1	18-AUG-88	Trans_Crack	Apparent Summarization Error in Trans Cracking
55	5040	1	12-SEP-89	Trans_Crack	Apparent Summarization Error in Trans Cracking
55	5040	1	05-MAY-93	Trans_Crack	Apparent Summarization Error in Trans Cracking
55	5040	1	03-JUL-96	Trans_Crack	Apparent Summarization Error in Trans Cracking
55	5040	1		trans_crack_1	Error Undeterminable

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