

**NATIONAL WEATHER SERVICE INSTRUCTION 30-1204  
OCTOBER 13, 2003**

***Maintenance, Logistics and Facilities  
Configuration and Data Management, NWSPD 30-12***

***SITE IDENTIFIERS***

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**NOTICE:** This publication is available at: <http://www.nws.noaa.gov/directives>.

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**OPR:** W/OPS13 (M. deTommaso)

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***SUMMARY OF REVISIONS***

This Procedural Directive supercedes National Weather Service (NWS) Procedure Directive 30-1204, 88-09, dated September 20, 2002 and includes instructions for use of the Site Identifier Transaction Form Data Entry System.

Signed by \_\_\_\_\_ September 30, 2003

John McNulty, Jr. \_\_\_\_\_ Date  
Director, Office of Operational  
Systems

**NWS Directives System - Site Identifiers**

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1 Purpose. The Office of Operational Systems (OPS) assigns Site Identifiers (SIDs) to identify equipment locations used to support NWS operations. Configuration Management (CM) dictates proper identification of equipment to document physical characteristics of configuration items. SIDs provide the first level of configuration identification and give location reference points to equipment data.

The NWS uses three character, alphanumeric SIDs for locations reporting weather data to the aviation community. These SIDs are assigned by the Federal Aviation Administration (FAA), via the Configuration Branch (OPS13). All other locations use five character alphanumeric SIDs assigned by OPS13.

There are also four character, alphabetic International Civil Aviation Organization (ICAO) Identifiers. The assignment process differs for three character SIDs and four character ICAO Identifiers. Additionally, SIDs and ICAO Identifiers do not always correlate.

Though SID information and NWS metadata are similar, there are significant data element differences between the two.

2 Configuration Control of SIDs. The NWS uses SIDs within weather products and various NWS databases to easily identify equipment locations. Because a wide audience uses SIDs, OPS formally controls SID changes through the SID Request Process. OPS13 manages the SID Request Process. It also coordinates with the FAA, NWS Headquarters, or Regional Focal Points. OPS13 manages these changes to avoid unauthorized modifications to site information.

3 NWS Location Identifier (NWSLI) System. The NWSLI System is the official database for SID information developed and maintained by OPS13. Any NWS field site can use the NWSLI Data Entry System to initiate a SID Request Form. Any authorized user can use the NWSLI User Interface System to generate SID information reports. The NWSLI Data Entry System and NWSLI User Interface are located on the OPS13 homepage at <http://cmhome.nws.noaa.gov>. A NWSLI account and password are needed to access either system. Weather Forecast Office (WFO) sites should contact their Regional Focal Point to get a NWSLI password. All other users should contact OPS13.

4 SID Information. SID information consists of the following data elements:

- (1) Site Identifier (three or five character SID)
- (2) Site Name
- (3) Site Detail
- (4) Latitude
- (5) Longitude

- (6) City
- (7) State/Area
- (8) Mileage (from nearest city)
- (9) County, Parish, Borough or Census Area
- (10) Country
- (11) NWS Region
- (12) Station Type
- (13) ICAO ID (if applicable)
- (14) Cooperative Program Area SID
- (15) Electronics Technician SID
- (16) Hydrologic Service Area SID
- (17) River Forecast Center SID
- (18) County Warning Area SID
- (19) Program Acronym (may be more than one per SID)
- (20) Program Identifier (may be more than one per SID)
- (21) Program Owner/Administrator (may be more than one per SID)
- (22) Program Category (may be more than one per SID)
- (23) Program Elevation (may be more than one per SID)

This directive will provide detailed information for each data element.

4.1 Site Identifier (SID). The three or five character designation for an equipment location. Three character SIDs are alphanumeric. Five character SIDs contain a three letter prefix, usually a mnemonic of the city or station name, and a two character alphanumeric SID state code. See Appendix A for SID state codes. A single SID cannot cover more than a one mile radius, however OPS13 can assign multiple SIDs within a one mile radius. A new SID must be requested for any new equipment location more than one mile from an existing SID. Once OPS13 has removed a SID from the database, it cannot be reused for another equipment location.

4.2 Site Name. The official name of the equipment location. The site name does not have to correspond to the city or state of the equipment location.

4.3 Site Detail. Additional identifying information used to describe the equipment location.

4.4 Latitude. Latitude of a site in whatever units calculated to the nearest second. For FAA airport SIDs, the FAA determines the latitude reference point. The latitude can differ from the actual equipment location. For NWS owned SIDs listing multiple equipment programs, the SID requestor determines the latitude reference point for the site.

4.5 Longitude. Longitude of a site in whatever units calculated to the nearest second. For FAA airport SIDs, the FAA determines the longitude reference point. The longitude can differ from the actual equipment location. For NWS owned SIDs listing multiple equipment programs, the SID requestor determines the longitude reference point for the site.

4.6 City. The nearest city to the equipment location. The SID requestor must select a city in the same state/area and country as the equipment location; but does not have to select a city in the same county/borough. The SID requestor must select a city listed in the Rand McNally Commercial Atlas for all equipment locations in the United States.

4.7 State/Area. The state/area code of the equipment location. Appendix A lists valid state/area codes.

4.8 Mileage. The distance (statute miles) and direction from the city. The SID requestor must round mileage to the whole mile and use one of the 16 compass points for direction.

4.9 County/Borough/Parish/Census Area. The nearest county/borough/parish/census area to the equipment location. The SID requestor must select a county/borough/parish/census area in the same state/area and country as the equipment location. The SID requestor must select a county listed in the Rand McNally Commercial Atlas for all United States equipment locations.

4.10 Country. The two character Federal Information Processing Standard Code for the country of the equipment location.

4.11 NWS Region. The numeric code identifying the NWS Region having administrative responsibility over the station. The region codes are as follows:

- a. 1 = Eastern Region
- b. 2 = Southern Region
- c. 3 = Central Region
- d. 4 = Western Region
- e. 5 = Alaska Region
- f. 6 = Pacific Region
- g. 7 = International Sites
- h. 8 = All Other Sites

- 4.12 Station Type. The station category code describing the equipment location. Appendix B lists valid station type codes.
- 4.13 ICAO ID. The four letter ICAO Identifier, where applicable. Not all SIDs have a corresponding ICAO Identifier.
- 4.14 Cooperative Program Area SID. The SID of the office having cooperative program responsibility over the station.
- 4.15 Electronics Technician SID. The SID of the office having maintenance responsibility over the station.
- 4.16 Hydrologic Service Area SID. The SID of the associated WFO having hydrologic warning responsibility.
- 4.17 River Forecast Center SID. The SID of the associated RFC for the station.
- 4.18 County Warning Area SID. The SID of the associated WFO for the station.
- 4.19 Program Acronym. The program code describing the specific equipment or service at the site. There may be more than one program acronym code associated with a station. Appendix C lists valid program acronym codes. Please contact OPS13 to request new program acronyms.
- 4.20 Program Identifier. The program specific designator identifying the specific equipment or service. There may be more than one program identifier associated with a station.
- 4.21 Program Owner/Administrator. The agency or entity having administrative responsibility or ownership of the equipment. There may be more than one program owner/administrator associated with a station. Appendix D lists valid owner/administrators. Please contact OPS13 to request new program owner codes.
- 4.22 Program Category. The program category providing more detailed information for the equipment under configuration management control. There may be more than one program category associated with a station.
- | 4.23 Program Elevation. The elevation in feet (above mean sea level) for a particular program  
| category. There may be more than one program category associated with a station, each having  
| different elevations.
- 5 NWSLI Approval Process. The NWSLI Data Entry System automatically routes completed forms to the appropriate Regional Focal Point for review and approval. After the Regional Focal Point has completed the review, OPS13 receives the SID request form for review and approval. No change is official until OPS13 has completed the review cycle. Each level of review is limited to 15 days before a submission is automatically approved and forwarded to the next level of review. As a result, the SID approval cycle from start to end will take no more than 45 days.

6        NWSLI Rejection Process. The NWSLI Data Entry System includes numerous data validation features to ensure SID request forms are verified to the fullest extent before they reach NWS Headquarters. NWS Headquarter's Staff performs a manual verification of latitude and longitude data for every submitted SID Request Form, and will reject forms containing geographic data anomalies. An example of a geographic data anomaly is a form containing a latitude and longitude data point not correlating with the city or county. NWSLI Data Entry System users will receive an e-mail explaining the reason for rejection from NWS Headquarters. In order to facilitate SID Request Form processing, users can resubmit rejected forms through the NWSLI Data Entry System by choosing the "Process Rejected Form" option.



**APPENDIX A - State/Area Codes**

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1 State/Area Codes ..... 1

1 State/Area Codes. Appendix A lists the State/Area Code of the equipment location, the State/Area Name, and the two character alphanumeric SID State Code.

State/Area Code	State/Area Name	SID Code
AK	ALASKA	A2
AL	ALABAMA	A1
AR	ARKANSAS	A4
AZ	ARIZONA	A3
CA	CALIFORNIA	C1
CO	COLORADO	C2
CT	CONNECTICUT	C3
DC	DISTRICT OF COLUMBIA	D2
DE	DELAWARE	D1
FL	FLORIDA	F1
GA	GEORGIA	G1
GM	GULF OF MEXICO	G5
HI	HAWAII	H1
IA	IOWA	I4
ID	IDAHO	I1
IL	ILLINOIS	I2
IN	INDIANA	I3

<b>State/Area Code</b>	<b>State/Area Name</b>	<b>SID Code</b>
KS	KANSAS	K1
KY	KENTUCKY	K2
LA	LOUISIANA	L1
MA	MASSACHUSETTS	M3
MD	MARYLAND	M2
ME	MAINE	M1
MI	MICHIGAN	M4
MN	MINNESOTA	M5
MO	MISSOURI	M7
MS	MISSISSIPPI	M6
MT	MONTANA	M8
NC	NORTH CAROLINA	N7
ND	NORTH DAKOTA	N8
NE	NEBRASKA	N1
NH	NEW HAMPSHIRE	N3
NJ	NEW JERSEY	N4
NM	NEW MEXICO	N5
NV	NEVADA	N2
NY	NEW YORK	N6
OH	OHIO	O1
OK	OKLAHOMA	O2
OR	OREGON	O3
P1	PACIFIC REGION I	P5

<b>State/Area Code</b>	<b>State/Area Name</b>	<b>SID Code</b>
P2	PACIFIC REGION II	P6
P3	PACIFIC REGION III	P7
P4	PACIFIC REGION IV	P8
PA	PENNSYLVANIA	P1
RI	RHODE ISLAND	R1
SC	SOUTH CAROLINA	S1
SD	SOUTH DAKOTA	S2
TN	TENNESSEE	T1
TX	TEXAS	T2
UT	UTAH	U1
VA	VIRGINIA	V2
VT	VERMONT	V1
WA	WASHINGTON	W1
WI	WISCONSIN	W3
WV	WEST VIRGINIA	W2
WY	WYOMING	W4
AB	ALBERTA	Q1
BC	BRITISH COLUMBIA	Q2
MB	MANITOBA	Q3
NB	NEW BRUNSWICK	B3
NF	NEWFOUNDLAND	N9
NS	NOVA SCOTIA	S4
NW	NW TERRITORIES	Q5

<b>State/Area Code</b>	<b>State/Area Name</b>	<b>SID Code</b>
ON	ONTARIO	Q6
PE	PRINCE EDWARD ISLAND	E1
PQ	QUEBEC	Q7
SK	SASKATCHEWAN	Q8
YK	YUKON	Q9
AG	AGUASCALIENTES	A5
BJ	BAJA CALIFORNIA	B1
CH	CHIHUAHUA	C6
CI	COLIMA	C8
CL	COAHUILA	C7
CM	CAMPECHE	C4
CP	CHIAPAS	C5
DF	DISTRITO FEDERAL	D3
DR	DURANGO	D4
GJ	GUANAJUATO	G2
GR	GUERRERO	G3
HD	HIDALGO	H2
JL	JALISCO	J1
MC	MICHOACAN	C9
MR	MORELOS	R2
MX	MEXICO	X1
NL	NUEVO LEON	L2
NR	NAYARIT	R3

<b>State/Area Code</b>	<b>State/Area Name</b>	<b>SID Code</b>
OX	OAXACA	O4
PB	PUEBLA	P9
SL	SAN LUIS POTOSI	S3
SN	SINALOA	S5
SO	SONORA	S6
TB	TABASCO	T3
TL	TLAXCALA	T5
TP	TAMAULIPAS	T4
VC	VERACRUZ	V4
YC	YUCATAN	Y1
ZC	ZACATECAS	Z1
ES	EL SALVADOR	E2
GT	GUATEMALA	G4
HO	HONDURAS	H3
JA	JAPAN	R5
NU	NICARAGUA	R6
PO	PORTUGAL	L3
PR	PUERTO RICO	P4
RK	REPUBLIC OF KOREA	R4
VI	VIRGIN ISLANDS	V3

**APPENDIX B - Station Type Codes**

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1 Station Type Code ..... 1

1 Station Type Code. Appendix B lists the Station Category Code describing the equipment location.

<b>Station Type Code</b>	<b>Station Type Name</b>
AS	ADMINISTRATIVE SERVICE CENTER
AWC	AVIATION WEATHER CENTER
AWSC	AGRICULTURAL WEATHER SERVICE CENTER
COMMS	COMMUNICATION FACILITY
CWSU	CENTER WEATHER SERVICE UNIT
ETUNIT	EL TECH UNIT
FCSTPT	FORECAST POINT
FSS	FLIGHT SERVICE STATION
IC	INTERNATIONAL CENTER
MARINE	COOPERATIVE STATION MARINE OTHER
METRO	METROPOLITAN AREA
MIL	MILITARY
NAWAU	NATIONAL AVIATION WEATHER ADVISORY UNIT
NCDC	NATIONAL CLIMATIC DATA CENTER
NDBC	NATIONAL DATA BUOY CENTER
NHC	NATIONAL HURRICANE CENTER
NLSC	NATIONAL LOGISTICS SUPPLY CENTER

<b>Station Type Code</b>	<b>Station Type Name</b>
NMC	NATIONAL METEOROLOGICAL CENTER
NRC	NATIONAL RECONDITIONING CENTER
NRCS	NATURAL RESOURCES CONSERVATION SERVICE
NSO	NUCLEAR SUPPORT OFFICE
NWSH	NATIONAL WEATHER SERVICE HEADQUARTERS
NWSRH	NATIONAL WEATHER SERVICE REGIONAL HEADQUARTERS
NWSTC	NATIONAL WEATHER SERVICE TRAINING CENTER
NWSTTC	NATIONAL WEATHER SERVICE TECHNICAL TRAINING CENTER
PMO	PORT METEOROLOGICAL OFFICE
RESCH	RESEARCH ACTIVITIES
RFC	RIVER FORECAST CENTER
SPC	STORM PREDICTION CENTER
TC	TSUNAMI CENTER
WF	WEATHER FACILITY
WFO	WEATHER FORECAST OFFICE
WOS	WEATHER OBSERVATION STATION
WSCMO	WEATHER SERVICE CONTRACT MET. OBSERVATORY
WSMO	WEATHER SERVICE METEOROLOGICAL OBSERVATORY
WSO	WEATHER SERVICE OFFICE
WSO-AG	WEATHER SERVICE OFFICE - AGRICULTURE
WSO-AV	WEATHER SERVICE OFFICE - AVIATION

<b>Station Type Code</b>	<b>Station Type Name</b>
WSO-FW	WEATHER SERVICE OFFICE - FIRE WEATHER
WSO-R	WEATHER SERVICE OFFICE - RADAR
WSO-SP	WEATHER SERVICE OFFICE - SPLIT OPERATION(RESIDUAL)
WSO/COE	WEATHER SERVICE OFFICE/CORP OF ENGINEERS
WSR	WEATHER SURVEILLANCE RADAR



**APPENDIX C - Program Acronym Codes**

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1 Program Acronym Codes ..... C-1

1 Program Acronym Codes. Appendix C lists the Program Acronym Codes describing the specific equipment or service at a site.

<b>Program Acronym</b>	<b>Program Name</b>
AHOS	AUTOMATED HYDROLOGICAL OBSERVING STATION
ALERT	AUTOMATED LOCAL EVALUATION IN REAL TIME (EVENT)
AMOS	AUTOMATED METEOROLOGICAL OBSERVING STATION
ARC	AUTOMATIC REMOTE COLLECTOR
ASOS	AUTOMATED SURFACE OBSERVING SYSTEM
AUTOB	AUTOMATED METEOROLOGICAL OBSERVING SYSTEM
AWIPS	ADVANCED WEATHER INTERACTIVE PROCESSING SYSTEM
AWOS	AUTOMATED WEATHER OBSERVING SYSTEM
BASIC	BASIC (CONTRACT OBSERVING STATION)
BSAWRS	SUPPLEMENTAL AVIATION WEATHER REPORTING STATION (AWOS BACKUP)
BUOY	BUOY
C-MAN	COASTAL MARINE AUTOMATED NETWORK
CADAS	CENTRALIZED AUTOMATIC DATA ACQUISITION SYSTEM
COOPA	COOPERATIVE STATION CLIMATE

<b>Program Acronym</b>	<b>Program Name</b>
COOPAB	COOPERATIVE STATION CLIMATE - HYDRO
COOPABC	COOPERATIVE STATION CLIMATE - HYDRO - MET
COOPAC	COOPERATIVE STATION CLIMATE - MET
COOPB	COOPERATIVE STATION HYDRO
COOPBC	COOPERATIVE STATION HYDRO - MET
COOPC	COOPERATIVE STATION LOCAL OR MET
CRS	CONSOLE REPLACEMENT SYSTEM
GOES	GEOSTATIONERY OPERATIONAL ENVIRONMENTAL SATELLITE
HTG	HYDRO TIDE GAGE
IFLOWS	INTEGRATED FLOOD AND OBSERVATION WARNING SYSTEM
LAWRS	LIMITED AVIATION WEATHER REPORTING STATION
MARINE	COOPERATIVE STATION MARINE OTHER
MARS	MARINE REPORTING STATION/COAST GUARD
MEXRFS	MEXICO - RIVER FORECAST SYSTEM
NF- OBS	NON-FEDERAL OBSERVATION STATION
NWR	NOAA WEATHER RADIO TRANSMITTER
NWRP	NOAA WEATHER RADIO PERIPHERAL EQUIPMENT
NWRTS	NOAA WEATHER RADIO VHF TRANSMITTING STATION
NWW	NOAA WEATHER WIRE
OTHER	ALL OTHER PROGRAMS
PROF	PROFILER (UA)

<b>Program Acronym</b>	<b>Program Name</b>
RAMOS	REMOTE AUTOMATED METEOROLOGICAL SYSTEM
S	SYNOPTIC OBSERVATION
S/B	COMBINED SYNOPTIC AND BASIC CONTRACT OBSERVATION
SAWRS - II	SUPPLEMENTAL AVIATION WEATHER REPORTING STATION (ASOS BACKUP)
SAWRS	SUPPLEMENTARY AVIATION WEATHER REPORTING STATION
SCAN	SOIL CLIMATE ANALYSIS NETWORK
SHIP	COOPERATIVE STATION MARINE SHIP
SNOCOR	SNOW COURSE
SNOTEL	SNOW TELEMETRY
UA	UPPER AIR OBSERVATION
UCOOP	UNOFFICIAL COOPERATIVE STATION
UWFP	UPPER WINDS FORECAST POINT
WSF	WATER SUPPLY FORECAST
WSR88D	WEATHER SURVEILLANCE RADAR (NEXRAD)

**APPENDIX D - Owner/Administrator Codes**

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1	<u>Owner/Administrator Codes.</u> Appendix D lists valid Owner/Administrator Codes.	

Owner/Admin Code	Owner/Admin Name
CITY	CITY
CNTY	COUNTY
DOC	DEPARTMENT OF COMMERCE
DOC/ERL	ENVIRONMENTAL RESEARCH LABORATORIES
DOC/NCDC	NATIONAL CLIMATIC DATA CENTER
DOC/NDBC	NATIONAL DATA BUOY CENTER
DOC/NESDIS	NAT'L. ENVIRONMENTAL SATELLITE, DATA, & INFO. SERV.
DOC/NMFS	NATIONAL MARINE FISHERIES SERVICE
DOC/NOAA	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
DOC/NOS	NATIONAL OCEAN SERVICE
DOC/NWS	NATIONAL WEATHER SERVICE
DOC/NWSH	NATIONAL WEATHER SERVICE HEADQUARTERS
DOC/OAR	OCEANIC AND ATMOSPHERIC RESEARCH

<b>Owner/Admin Code</b>	<b>Owner/Admin Name</b>
DOD	DEPARTMENT OF DEFENSE
DOD/USA	U.S. ARMY
DOD/USACE	U.S. ARMY CORPS OF ENGINEERS
DOD/USAF	U.S. AIR FORCE
DOD/USMC	U.S. MARINE CORPS
DOD/USN	U.S. NAVY
DOE	DEPARTMENT OF ENERGY
DOE/NRC	NUCLEAR REGULATORY COMMISSION
DOI	DEPARTMENT OF INTERIOR
DOI/BIA	BUREAU OF INDIAN AFFAIRS
DOI/BLM	BUREAU OF LAND MANAGEMENT
DOI/NPS	NATIONAL PARK SERVICE
DOI/USBR	U.S. BUREAU OF RECLAMATION
DOI/USGS	U.S. GEOLOGICAL SURVEY
DOT	DEPARTMENT OF TRANSPORTATION
DOT/FAA	FEDERAL AVIATION ADMINISTRATION
DOT/USCG	U.S. COAST GUARD
NASA	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
OGA	OTHER GOVERNMENT AGENCY
PRIV	PRIVATE INDUSTRY/NON GOVERNMENT
STATE	STATE
STATE/ANG	AIR NATIONAL GUARD
TVA	TENNESSEE VALLEY AUTHORITY

<b>Owner/Admin Code</b>	<b>Owner/Admin Name</b>
USDA	U.S. DEPARTMENT OF AGRICULTURE
USDA/NRCS	NATURAL RESOURCES CONSERVATION SERVICE
USDA/SCS	SOIL CONSERVATION SERVICE
USDA/USFS	USDA FOREST SERVICE

**APPENDIX E - NWS SID (Site Identifier) Form Data Entry System**

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1        Introduction. This Appendix addresses the access, instructions and use of the National  
Weather Service Location Identifier (NWSLI) System to input SID requests through the Configuration  
Branch's web page. The NWSLI SID Transaction Form Data Entry System was designed to easily  
collect data via a web-based user interface for SID requests.

2        Procedures. The NWSLI System provides a web-based data entry system to enter new SID  
Request Forms, modify previously approved site identifier information, delete SID's, and generate  
reports. The reports are available for viewing on a personal computer or printing in hard copy format.  
The data entry is developed using the Oracle Database Management System (DBMS), Oracle  
Application Server, and JavaScript.

<p><b>NOTE:</b> Many of the features used in the NWSLI System do not function with the Netscape browser (due to severe Netscape limitations). The utilization of Internet Explorer 5 or 6 for the NWSLI Data Entry System is necessary. Use Adobe Acrobat Reader 4.0 or later for the NWSLI Reports. Links are provided on the NWSLI System Homepage for these software components if needed. If Internet Explorer has been installed or upgraded since installing Acrobat Reader, reinstallation of Acrobat may be needed in order for it to work properly.</p>
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Even though the NWS standard Mail Client is Netscape Mail, Netscape is not the NWS standard browser.

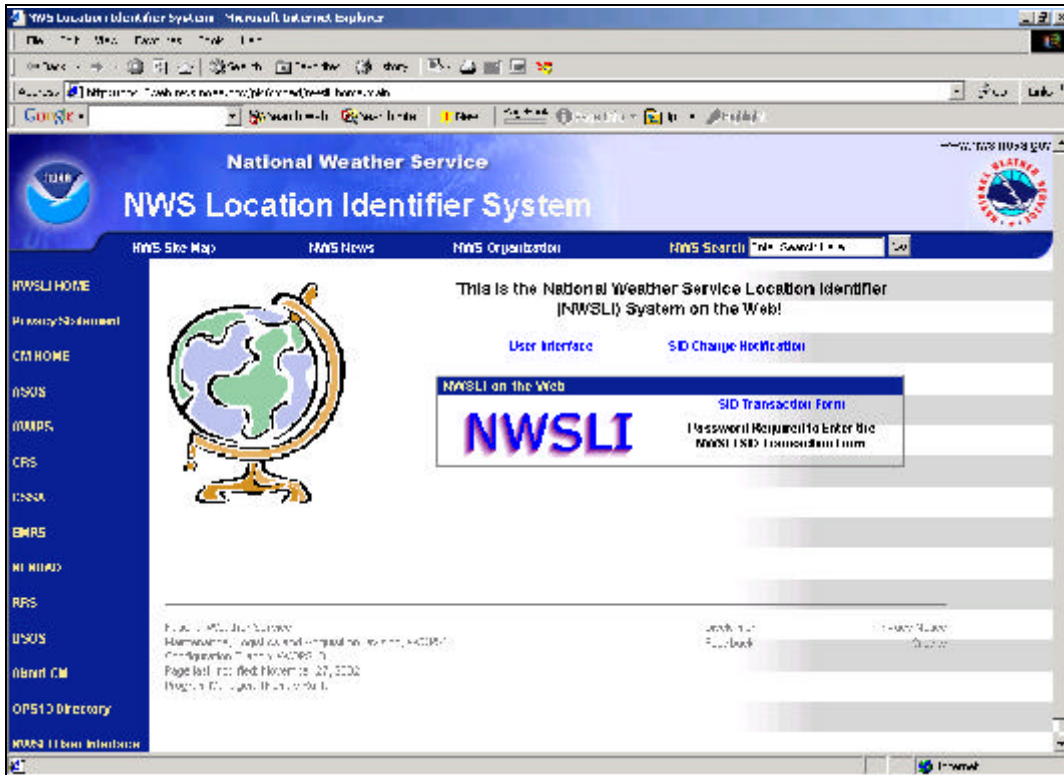
3        Accessing the NWSLI System. The NWSLI Data Entry System can be accessed from the Configuration Branch homepage at:

<http://cmhome.nws.noaa.gov/>



3.1 NWSLI Homepage. After clicking the NWSLI link, the first screen to appear is the NWSLI Homepage. This screen provides general information about the NWSLI. It also contains links for accessing the NWSLI Data Entry System, the NWSLI User Interface, NWSLI Documentation and links for obtaining Internet Explorer and Adobe Acrobat Reader. The NWSLI Homepage appears below:

Figure 3.1 NWSLI Splash Screen



The NWSLI User Interface provides a read only method for generating reports. This document is limited to the SID Transaction Form, and does not describe the NWSLI User Interface System. To begin using the NWSLI SID Transaction Form to enter SID information, click on the “SID Transaction Form” link in the large “NWSLI on the Web” box.

3.2 Oracle Login Screen. After clicking on the “SID Transaction Form” link in the “NWSLI on the Web” box, the next screen to appear is the Oracle Login Screen. This screen is used to enter NWSLI Oracle Account and Password information. The Oracle Login Screen appears below:

Figure 3.2 Oracle Log-in Screen

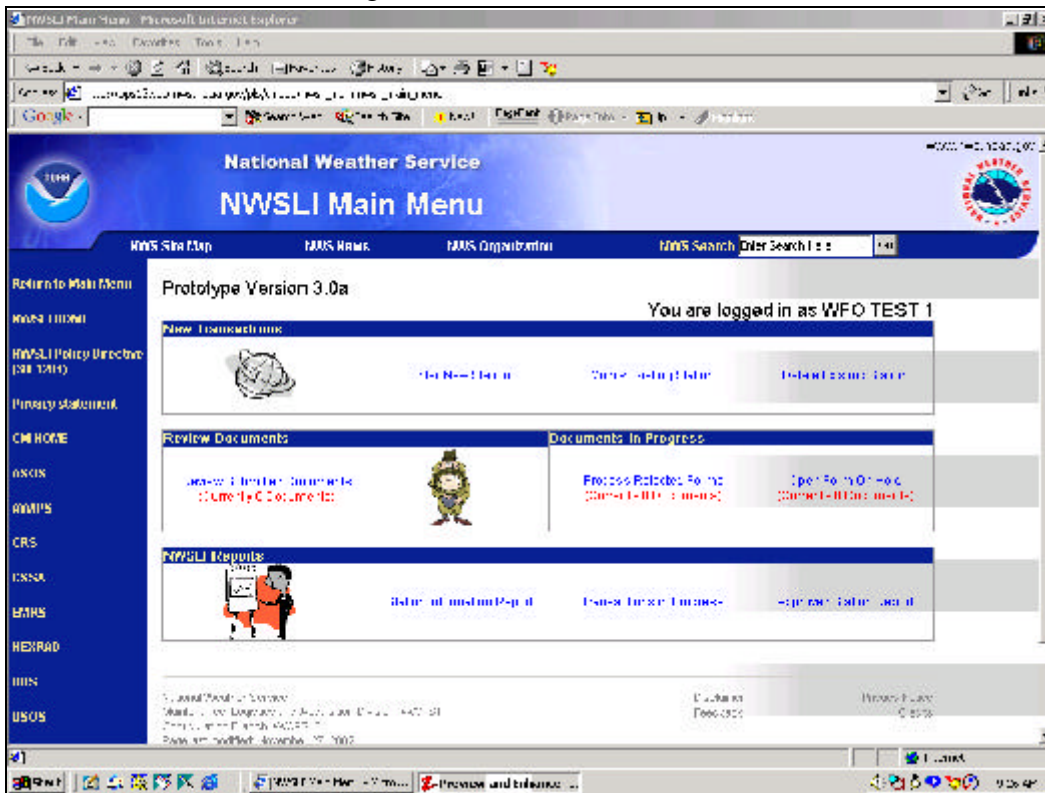


After entering the NWSLI Account and Password, click the “OK” button.

**NOTE:** To access the NWSLI System, a valid NWSLI Oracle User Account is needed. Password Accounts have been established for each Weather Forecast Office (WFO) and River Forecast Center (RFC). To obtain a NWSLI account or password, please contact the Regional Focal Point in the Systems Operations Division. Please contact the NWSLI Program Manager in the Configuration Branch (W/OPS13) at NWS Headquarters to find the Regional Focal Point for a particular area.

3.3 NWSLI Main Menu. After entering a valid Oracle User Account and Password, the next screen to appear is the NWSLI Main Menu. This screen is used to enter new SID Transactions, review SID Transactions, and generate NWSLI Reports. The top left corner of the NWSLI Main Menu Screen, displays the version of the NWSLI Software. The top right corner, displays who is logged into the system. The NWSLI Main Menu appears below:

Figure 3.3 NWSLI Main Menu



All functional areas and menu options will be discussed in further detail.

3.4 New SID Transactions. This functional area provides several menu options allowing users to enter a new station request, modify existing SID Information, or delete an SID from the NWSLI System.

3.4.1 Enter New Station. After clicking on the “Enter New Station” button, the next screen to appear is the “Add New SID” Data Entry Form. This form is used to enter information about a new SID, including necessary location information, and to submit this information to the next level for approval. A document number will be automatically generated for each new form. The WFO information is automatically generated based on the user Oracle account. The word “ADD” appears in the top corners of the form.

There are counters to the right of the Station Detail Text Field on the form indicating how many characters are left. This field is updated automatically as the user types in the Station Detail Box.

Latitude and longitude data can be entered in two formats; either by degrees, minutes, and seconds or decimal degrees. The NWSLI System will convert the entry into both formats for display on the SID Data Entry Form.

Click on the link of any field name to get descriptive help on the field.

To add program information for the station, click on the “Add Program” button in the Program Information block in the lower right portion of the data entry form. A new Add Program data entry window will appear. The Program Information block also has buttons to delete program information and for modifying program information. These buttons become active once program information has been added for a station.

At the bottom of the data entry form, there are buttons used to “Save Work in Progress”, “Submit for Approval”, “Clear Changes”, and “Cancel Form”. A user can save a form, and complete it later by using the “Save Work in Progress” button. The form can no longer be edited, once the “Submit for Approval” button is pressed. To clear all changes made to a form and restart data entry, press the “Clear Changes” button. Press the “Cancel Form” button to quit the form without saving any changes.

The Add New Station Data Entry Form appears below:

Figure 3.4 Add New Station Data Entry Form

**ADD NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI)**

Decision Number: TSA211274

Station Name:

**STATION INFORMATION**

Latitude:  Longitude:  Elevation:  County:  City:

Tax1 Lat (new/dirty):  Tax1 Lon (new/dirty):  Elevation:  Mileage:  MI:  County:

Suggested SIDs:

**STATION MAILING INFO**

CWA:  WSA:  F:

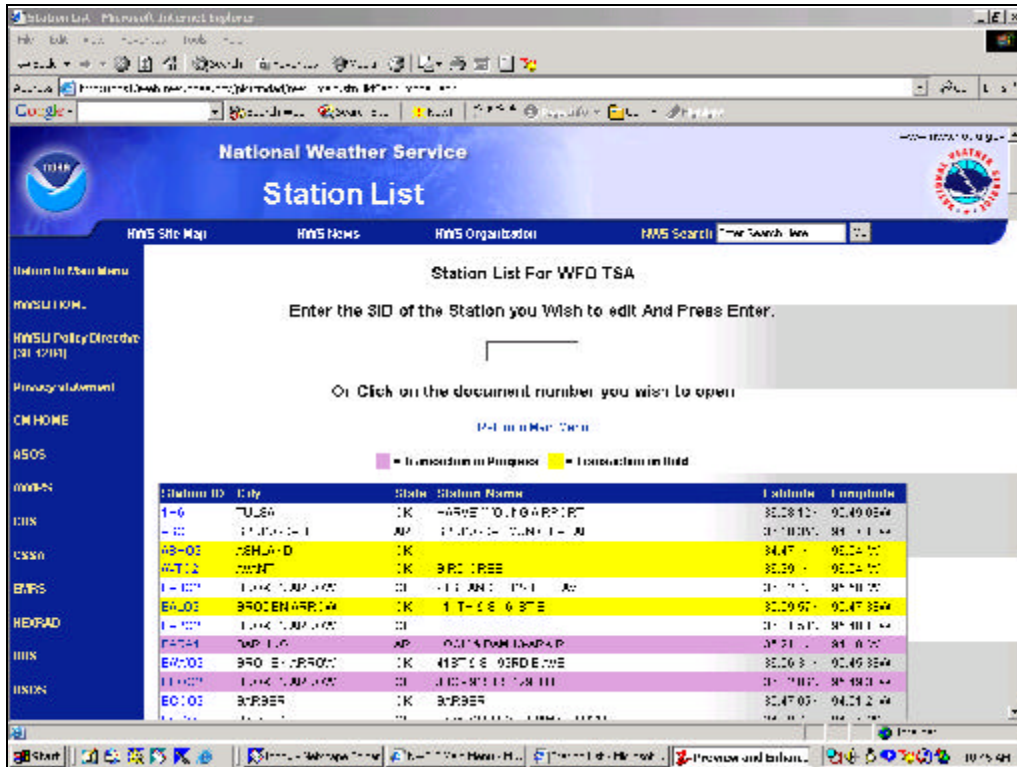
CWA:  WSA:

**STATION PROGRAMS**

Program Acronym	Program ID	Administrator Owner	Record Status
NO PROGRAMS CURRENTLY EXIST FOR THIS STATION			

3.4.2 Modify Existing Station. Once a user selects this menu option from the main menu, a list of all existing stations in the users office will appear. The user can scroll through the list and select a station for modification, or enter a SID in the top box. Stations with a transaction pending against them for approval appear in pink on the list. Stations with a record on hold appear in yellow. The Station Modification List appears below:

Figure 3.5 Station Modification List



After selecting a record, the Modification Data Entry Form appears. This form is identical to the Enter New Station Data Entry Form described in section 3.5.1, except the word “EDIT” appears in the top corners and all existing station information is populated in the form for modification purposes. The Modification Data Entry Form appears below:

Figure 3.6 Modification Data Entry Form

The screenshot shows a web browser window titled "hWSI Station Info - Microsoft Internet Explorer". The page content is as follows:

**EDIT** NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI) **EDIT**

Government Identifier: 180241270

Current SDR: [text] Station Name: [text]

**STATION INFORMATION**

Latitude: [text] Longitude: [text] State/Zone: [text] County/Borough: [text] City: [text]

Lat Lon (precision): [text] Lon Lon (precision): [text] Region: [text] Miforage: [text] County: [text]

**STATION MANAGEMENT**

CPM: [text] HSA: [text] FT: [text]

OWA: [text] ATC: [text]

TEST LEAD: [text]

**STATION LABEL**

252 characters left

[text area]

**PROGRAM INFORMATION**

Program Name	Program ID	Administrative Class	Record Status
POU-9	340478	LUCRMS	PROGRAM
POU-8	123304	LUCRMS	PROGRAM

[Add Program] [Modify Program] [Delete Program]

[Save/Write to Database] [Submit for Approval] [Clear Database] [Cancel Form]

3.4.3 Delete Existing Station. This menu option provides a way to entirely remove a SID from the NWSLI System. After selecting this option from the main menu, a form will appear with “DEL” in the top corners. All existing station information will appear in the fields on the form. There are two buttons on the bottom of this form. Users can submit a Deletion Transaction Request for approval by pressing the “Delete Station” button, or users can cancel the delete transaction by pressing the “Cancel Form” button. The NWSLI Deletion Form appears below:

Figure 3.7 NWSLI Deletion Form

The screenshot shows a web browser window titled "NWSLI Station Info - Microsoft Internet Explorer". The page content is as follows:

**DEL** **DEL**

**NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI)**

Current SID:  Station Name:

**STATION LOCATION**

Latitude	Longitude	State/Area	County/District	City
<input type="text" value="36.27"/>	<input type="text" value="113.85"/>	<input type="text" value="PRK4378 WPO"/>	<input type="text" value="CARROLL"/>	<input type="text" value="E. FRENCHSPRING"/>
Fax Lat	Fax Lon	Region	Mileage	Country
<input type="text" value="000000"/>	<input type="text" value="000000"/>	<input type="text" value="000000"/>	<input type="text" value="0"/>	<input type="text" value="UNITED STATES"/>

**STATION MANAGEMENT**

UWA	WSA	L	UWA	W/C
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="TSC"/>	<input type="text"/>

**STATION DETAIL**

characters left

**PROGRAM INFORMATION**

Program Name	Program ID	Administration Bureau
<input type="text" value="000000"/>	<input type="text" value="000000"/>	<input type="text" value="000000"/>



3.5 Review Documents. This functional area provides one option, which allows users to review submitted documents. It is explained in detail below.

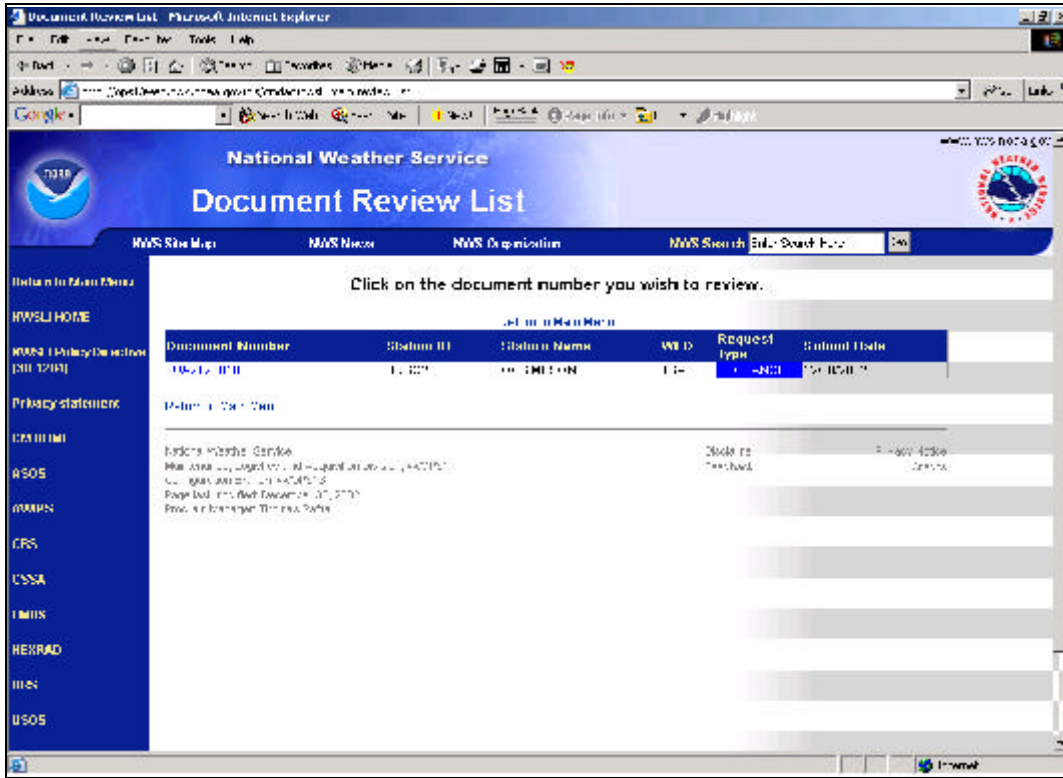
3.5.1 Review Submitted Documents. This menu option provides a way to review and approve transactions for stations in a users WFO area, submitted by other stations (such as River Forecast Centers). If there are any transactions to review and approve, the number of documents will be indicated on the main NWSLI Menu. An example of the main NWSLI Menu showing the number of submitted documents to review appears below:

Figure 3.8 Submitted Documents



When a user selects the Review Submitted Documents option, the following Document Review List appears:

Figure 3.9 Document Review List



After selecting a record, the user is presented with a form allowing them to edit information for a submitted record. At the bottom of this form, there are three buttons - “Approve Document”, “Reject Document”, and “Cancel Form”. Approving the form will allow it to be sent to the next level. Rejecting the document, the transaction will be sent back to the submitting office. The Cancel Form option allows users to quit the form. An example of the Submitted Document Edit Form appears below:

Figure 3.10 Submitted Document Edit Form

The screenshot shows a web browser window titled "hWSJ Station Info - Microsoft Internet Explorer". The page content is as follows:

**EDIT** **EDIT**

**NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI)**

Discussion: 6/24/2003 10:11:18 AM Station/Weather: 1811181 (118)

Current SDO: [12345] Station Name: [STATION NAME]

**STATION IDENTIFICATION**

Latitude: [32.123] Longitude: [109.456] State/Zone: [CA] County/Parish: [SAN DIEGO] City: [SAN DIEGO]

Elev. Lat. (feet/m): [3234] Elev. Lon. (feet/m): [3034] Region: [SOUTH WEST] Milsage: [5] MI [ESE] County: [SAN DIEGO, CA]

**STATION MANAGEMENT**

CPM: [TEST.LEA 0] HSA: [TEST.LEA 0] FT: [TEST.LEA 0]

WVA: [TEST.LEA 0] WVC: [WGRFC-J-45-PORTHART, TX]

**STATION WAVE**

252 characters left

**PROGRAM INFORMATION**

Program Name	Program ID	Administrative Class	Record Status
<b>NO PROGRAMS CURRENTLY EXIST FOR THIS STATION</b>			

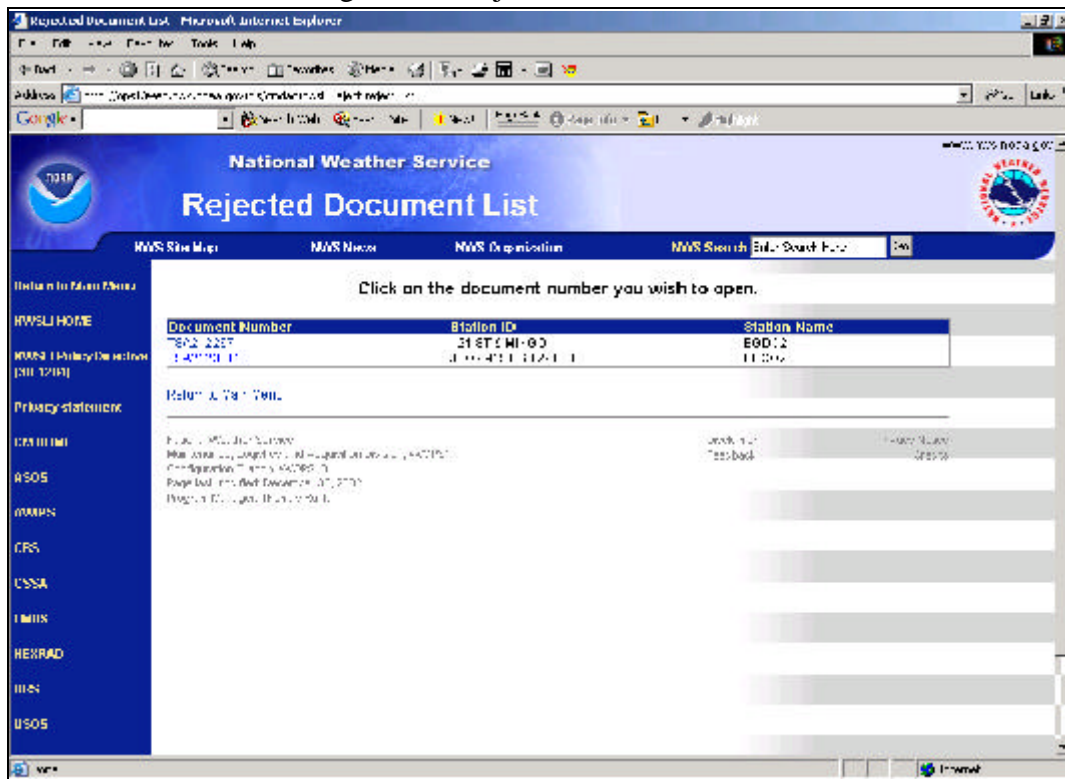
[Add Program] [Modify Program] [Delete Program]

[Approve Document] [Reject Document] [Cancel]

3.6 Documents In Progress. This functional area provides two menu options allowing users to process rejected documents and open documents on hold. These menu options are explained in detail below:

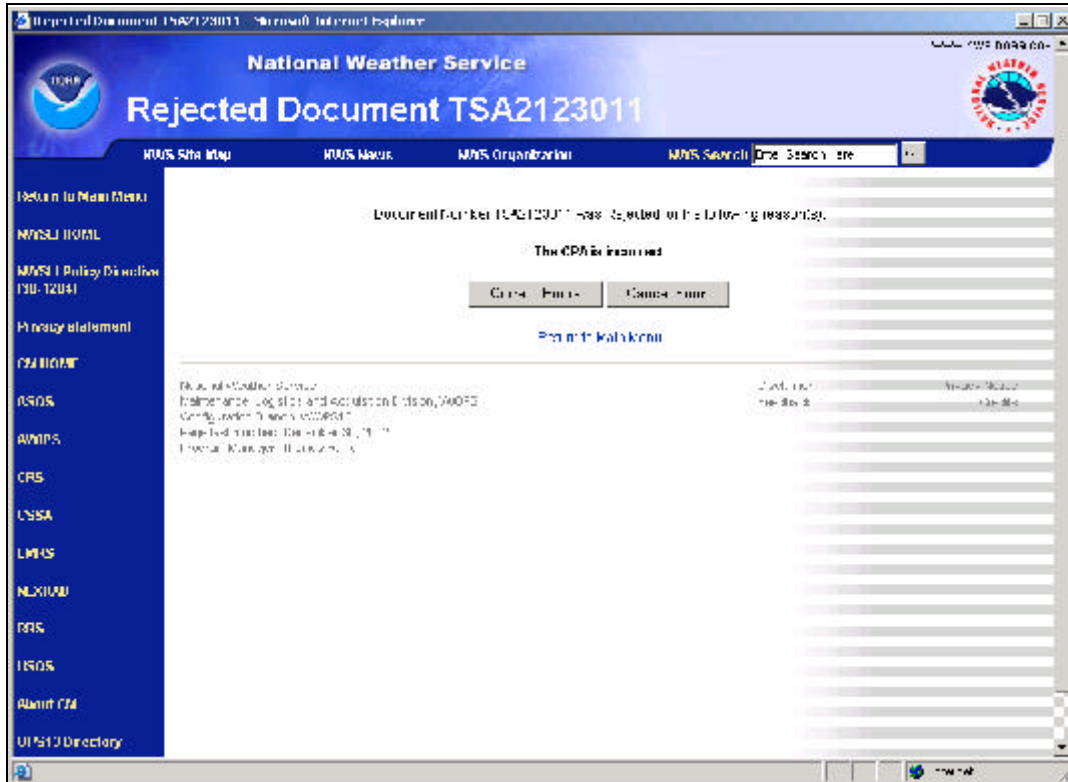
3.6.1 Process Rejected Forms. This menu option provides a way to edit and re-process previously rejected forms. Users can retrieve a transaction, modify it, and send it back to the next level for approval. The Rejected Documents List appears below:

Figure 3.11 Rejected Documents List



After selecting a record from the list, the user is presented with a form describing the reason for rejection. There are two buttons on this form - “Correct Form”, and “Cancel Form”. The Reason for Rejection Description Form appears below:

Figure 3.12 Rejection Description Form



An edit screen is presented if the user chooses to correct the errors. From this screen, users can revise records and submit them for approval. The word “EDIT” appears in the top corners of the screen. This screen functions like the Modification Data Entry Form described in section 3.5.2. The NWSLI Resubmit Rejected Form edit screen appears below:

Figure 3.13 NWSLI Resubmit Rejected Form

**EDIT** **EDIT**

**NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI)**

Document Number: 15A212R11

**Current SID:** 13002      **Station Name:** J90118181261H

**STATION INFORMATION**

**Latitude:** 33.035      **Longitude:** -85.075      **State/Area:** OKLAHOMA      **County/County:** TULSA      **City:** TULSA

**Text Lat (readonly):** 33.035      **Text Lon (readonly):** -85.075      **Region:** SOUTHERN REGION      **Milesage:** MI      **County:** TULSA

**STATION MANAGEMENT**

**QDS:** NWS      **HSA:** NWS      **ET:**      **QWA:** TULSA      **REC:**      **Program:**      **Record Status:**      **Record ID:**      **Administrator/Owner:**      **Record Status:**

**STATION DETAIL**

13002 - J90118181261H

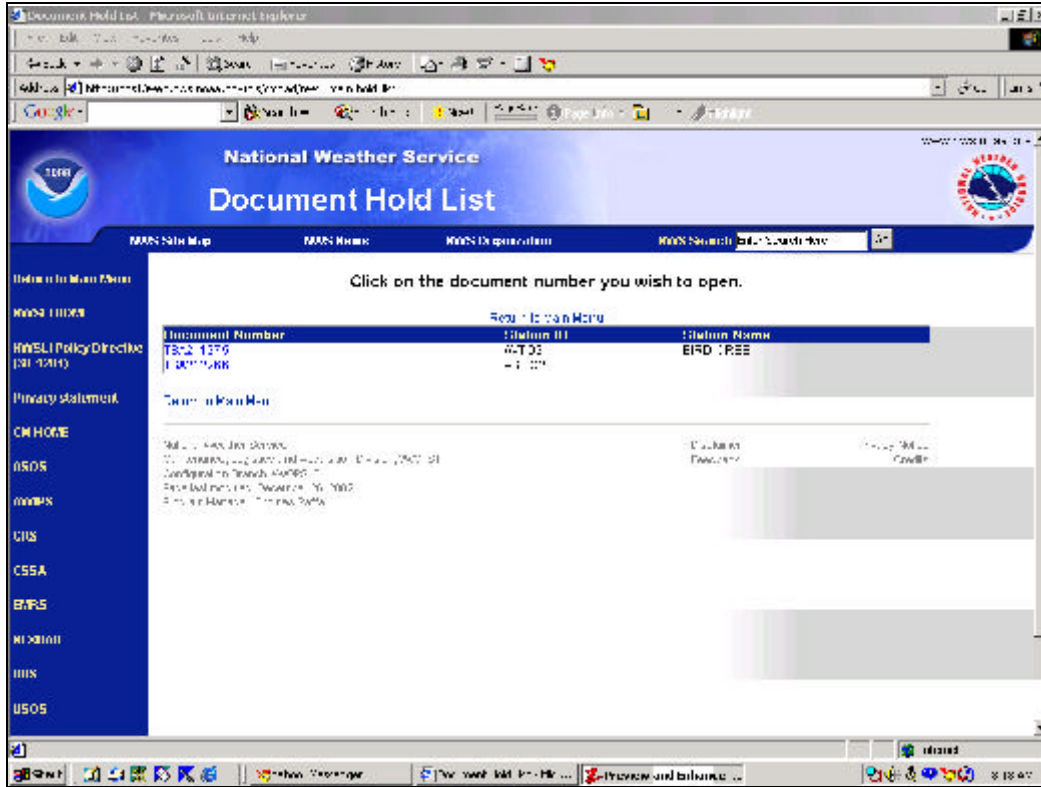
**PROGRAM INFORMATION**

PROGRAM/Assignment	PROGRAM ID	Administrator/Owner	Record Status
NO PROGRAMS CURRENTLY EXIST FOR THIS STATION			

**Add Program**      **Modify Programs**      **Delete Programs**

3.6.2 Open Form on Hold. This menu option provides a way to open records placed on hold, and complete and send them for approval. The Document Hold List appears below:

Figure 3.14 Document Hold List



After selecting a record from the Document Hold List, the NWSLI Hold Data Entry Screen will appear. From this screen, users can revise and submit a record for approval. The word “EDIT” appears in the top corners of the screen. This screen functions like the Modification Data Entry Form described in section 3.5.2. The NWSLI Hold Screen appears below:

Figure 3.15 NWSLI Hold Screen

EDIT

**NATIONAL WEATHER SERVICE LOCATION IDENTIFIERS (NWSLI)**

EDIT

Current SDA: [Field] Station Name: [Field]

**STATION INFORMATION**

Latitude Longitude Elevation County/Parish City

35.23. N 95.04. W 80. THERM REH: MI JEFFERSON, S:

**STATION MANAGEMENT**

CPM HSA FT

LWA MLC

STATION WIND LAG

252 characters left

**PROGRAM INFORMATION**

Program Name	Program ID	Administrative Class	Record Status
POU-9	340478	L000000	PROGRAM
POU-8	023300	L000000	PROGRAM

Add Program Modify Program Delete Program

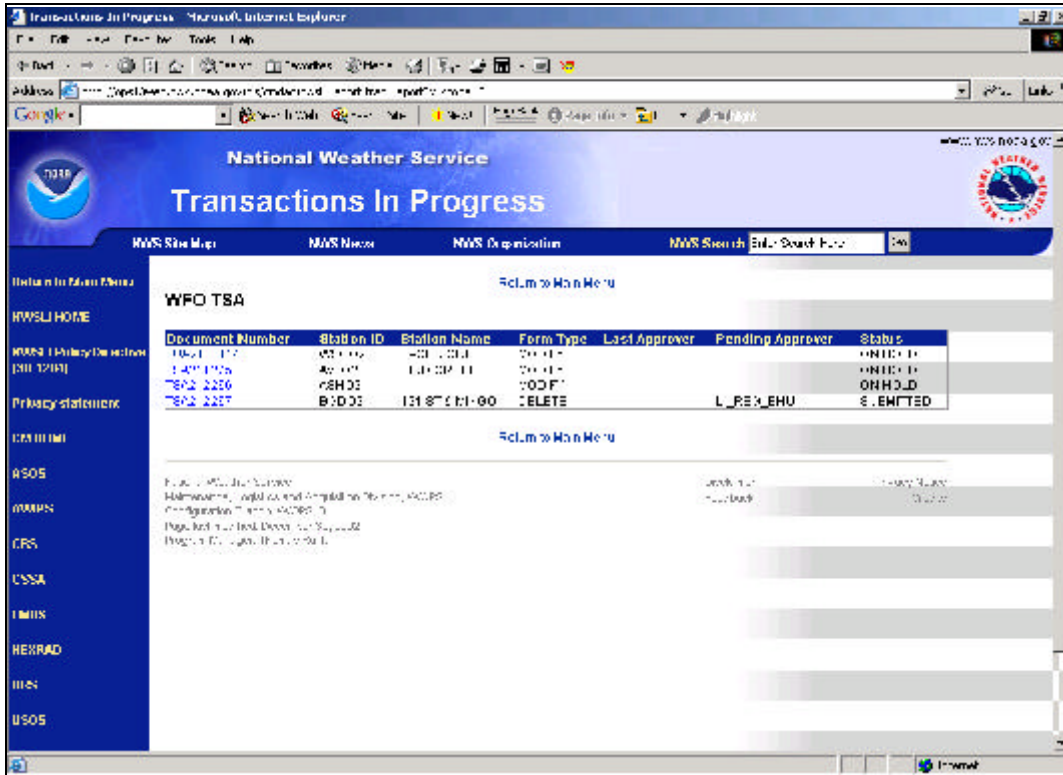
Save/Write to Program Submit for Approval Clear Closures Cancel Form





3.7.2 Transaction In Progress Report. The Transaction In Progress Report contains information about all records in progress for the user's office. After selecting this option, the user is presented with a list of all transactions in progress. The Transactions in Progress Report List appears below:

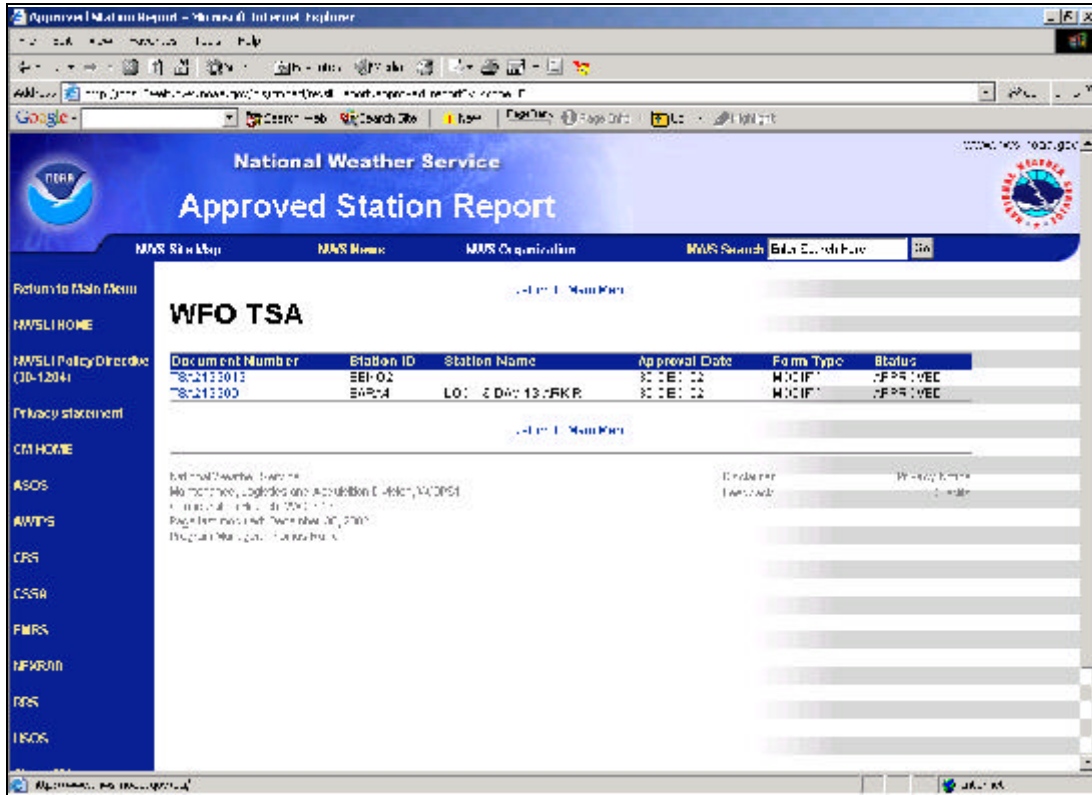
Figure 3.17 Transactions in Progress



After selecting a station from the list, the Adobe Acrobat Reader launches and a report is displayed.

3.7.3 Approved Station Report. The Approved Station Report contains information about all records approved within the last 30 days for the user's office. After selecting this option, the user is presented with a list of all approved stations. The Approved Station Report List appears below:

Figure 3.18 Approved Station Report



3.7.4 Adobe Acrobat Reader Screen. After selecting to view any of the NWSLI Reports, the Adobe Acrobat Reader will launch. The Acrobat Reader has several built-in functions allowing users to print a report, save a report to disk, zoom in on a report, advance to the next page, advance to the last page, etc. To activate these features, click on the Adobe Acrobat Hot Keys located on the tool bar below the URL. There is an Adobe Acrobat Logo located on the Adobe Acrobat Tool Bar.

**NOTE:** Do not use the toolbar above the URL to print the report. This tool bar pertains to Internet Explorer, and not Adobe Acrobat.

An example of the Adobe Acrobat Reader Screen appears below:

Figure 3.19 Adobe Acrobat Reader Screen

National Weather Service Location Identifiers SID Transaction Form		
Document Number: <b>TSA212267</b>	Submitted By: <b>WFO TEST 1</b>	
STATION INFORMATION		
Station Identifier: <b>BGDO2</b>	Station Name: <b>121 ST &amp; MINGO</b>	
Decimal Latitude (Text Latitude): <b>35.9897 (35.59.23N)</b>	Decimal Longitude (Text Longitude): <b>-95.8675 (95.52.03W)</b>	
City: <b>BIXBY</b>	County/Borough/Parish: <b>TULSA</b>	State/Area: <b>OK (OKLAHOMA)</b>
Region: <b>SOUTHERN REGION</b>	Mileage: <b>4 MI. W</b>	Country: <b>UNITED STATES</b>
STATION MANAGEMENT		
Cooperatives Program Area SID (CPA)	Hydrologic Service Area SID (HSA)	Electronic Technician SID (HID)
County Warning Area SID (WFO): <b>TSA-TULSA, OK</b>		River Forecast Center SID (RFC)
STATION DETAIL		
<b>121 ST &amp; MINGO</b>		
PROGRAM INFORMATION		

Technical Assistance. If technical difficulties occur when operating the NWSLI System, contact the NWSLI Program Manager within the Configuration Branch at NWS Headquarters:

National Weather Service  
 Configuration Branch W/OPS13  
 1325 East West Highway, Room 16392  
 Silver Spring, MD 20910-3283

301-713-1892 x152