(A0006666)

```
 1 CLEAR
3 1 999
4 STORE
5 30
6 1 0.0 0.0
7 2 -875.24 -73.3721
8 3 -2132.8762 -167.9834
9 4 -3483.5021 -273.7398
10 5 -4623.1865 -391.5763
11 6 -5044.1823 -432.2908
12 7 -6633.4748 -544.0910
13 8 -8328.7475 -670.7824
14 9 -9686.8538 -742.5256
15 10 -10077.3180 -776.8509
16 11 -11611.1843 -898.2125
17 12 -12933.0519 -989.2685
18 103 -845.3966 -93.8911
19 104 -951.1977 -101.8505
20 105 -1043.0919 -118.5542
21 106 -1042.3765 -122.4897
22 107 -1071.8929 -127.8549
23 108 -1077.9734 -94.4031
24 109 -1651.6999 -121.3730
25 110 -2133.8237 -155.6384
26 114 -3484.5992 -261.4065
28 117 -5044.8617 -422.4336
29 118 -5437.1813 -449.0284
30 119 -6135.9121 -491.1629
31 120 -6435.1725 -512.2146
32 121 -6634.6069 -527.2461
33 122 -7033.3505 -559.0501
34 127 -8352.9552 -669.8892
35 128 -8464.7275 -677.0269
138 39 (140) -12726.0046 -971.7237
200 L/L
218 3 4 209 316.70
220 3 4 210 516.70
226 3 4 213 1116.70
240 5 6 220 16.18
242 5 6 221 216.18
264 7 8 232 600
270 7 8 235 1200
272 7 8 236 1400
274 7 8 237 1627
276 8 9 238 228
284 8 9 242 900
286 8 9 243 1100
288 8 9 244 1331
290 9 10 245 85.9
292 9 10 246 340
294 10 11 247 38.66
304 10 11 252 1538.66
~~306 11 12 253 200~~ 200
308 11 12 254 400
309 11 12 663 500
316 11 12 258 ~~1107~~
320 L/A
322 209 111 12.3 274 28 38
324 210 112 14.3 274 28 38
326 213 113 14.3 274 28 38
328 220 115 12.3 275 54 11
330 221 116 9.5 275 54 11
332 232 123 14.5 274 16 26
```

MARCH '84

"METLINE"

```
334 235 124 11.5 274 16 26
336 236 125 12.5 274 16 26
338 237 126 10.5 274 16 26
338 238 129 5.5 273 01 26
338 242 130 5.5 273 01 26
338 243 131 .5 273 01 26
338 244 332 .5 273 01 26
338 245 532 3.5 275 01 26
338 246 133 3.5 275 01 26
338 247 134 3.5 274 31 26
338 252 135 3.5 274 31 26
338 253 136 3.5 273 56 26
338 254 137 3.5 273 56 26
338 663 138 3.5 93 56 26
338 258 139 3.5 93 56 26
360 332 432 500 3 01 26
362 532 632 500 185 01 26
400 P/I
410 132 332 432 532 632
500 I/A
502 1 2
504 2 3
506 3 4
508 4 5
510 5 6
512 6 7
514 7 8
516 8 9
518 9 10
520 10 11
522 11 12
524 103 104
526 104 105
528 105 104
530 104 105
532 105 106
534 106 107
536 107 108
538 108 109
540 109 110
542 110 111
544 111 112
546 112 113
548 113 114
550 114 115
552 115 116
554 116 117
556 117 118
558 118 119
560 119 120
562 120 121
564 121 122
566 122 123
568 123 124
570 124 125
572 125 126
574 126 127
576 127 128
578 128 129
580 129 130
582 130 131
584 131 132
586 132 133
588 133 134
600 134 135
602 135 136
```

604 136 137
606 137 138
~~608 138 139~~
~~609 139 140~~

```
;7;44;1mC:\STRUC\GCOGO (for help type 32mHELP37m)36m»EPSON
:GA Graphics routine is already resident

;7;4 1mC:\STRUC\GCOGO (for help type 32mHELP37m)36m»U0002
:NTER DISPLAY TYPE (CGA OR EGA)
:GA
                        ************************************
                        *  CORPS PROGRAM  #  U0002         *
                        *  MICRO VERSION  # 87/09/09-A     *
                        ************************************


'ROGRAM GCOGO -- USAE WATERWAYS EXPERIMENT STATION-- 15:03:12    --03-27-89
                    - CORPS SYSTEM PROGRAM U0002 -
:OORDINATE GEOMETRY ANALYSIS PROGRAM  733-F3-R0 002   REVISED MAR 1988

)ATA INPUT FORM --
 ENTER 0 IF FROM A DISK DATA FILE
    OR 1 IF IN RESPONSE TO QUESTIONS FROM THE TERMINAL

=0


\NGLE DATA CONVENTIONS --
   QUADRANTS   1 = NE   2 = SE   3 = SW   4 = NW
   SIGN = + TO RIGHT, - TO LEFT
   SELECT AN OPTION DEFINING AZIMUTHS ( 1=POSITIVE CLOCKWISE
   FROM SOUTH, 2=POSITIVE CLOCKWISE FROM NORTH)
=1
:CR>


:XPONENT OVERFLOW, EXPONENT UNDERFLOW, AND DIVIDE CHECK MESSAGES
'ROBABLY INDICATE INCOMPLETE DATA.

:NTER THE DATA FILE NAME.(EG: C:FNAME.EXT):
=A:METWLINE

:LEAR

:ETWEEN POINTS      1   AND    999

;TORE

./L

.OCATE/LIN
    3      4    209         316.7000
'T.    209      Y=       -2448.6098      X=        -192.7059

./L

.OCATE/LIN
:CR>

    3      4    210         516.7000
'T.    210      Y=       -2647.9995      X=        -208.3185

./L

.OCATE/LIN
    3      4    213        1116.7000
```

```
T.   213      Y=      -3246.1685      X=      -255.1562

./L

.OCATE/LIN
    5     6   220          16.1800
*T.  220      Y=      -4639.2914      X=      -393.1338

./L

.OCATE/LIN
    5     6   221         216.1800
*T.   221     Y=      -4838.3626      X=      -412.3860

./L
:CR>


.OCATE/LIN
    7     8   232         600.0000
*T.   232     Y=      -7231.8063      X=      -588.8056

./L

.OCATE/LIN
    7     8   235        1200.0000
*T.   235     Y=      -7830.1378      X=      -633.5202

./L

.OCATE/LIN
    7     8   236        1400.0000
*T.  236      Y=      -8029.5817      X=      -648.4251

./L

.OCATE/LIN
    7     8   237        1627.0000
:CR>

*T.   237     Y=      -8255.9504      X=      -665.3421

./L

.OCATE/LIN
    8     9   238         228.0000
*T.   238     Y=      -8556.4300      X=      -682.8099

./L

.OCATE/LIN
    8     9   242         900.0000
*T.   242     Y=      -9227.4944      X=      -718.2595

./L

.OCATE/LIN
    8     9   243        1100.0000
*T.  243      Y=      -9427.2159      X=      -728.8100

./L
:CR>


.OCATE/LIN
    8     9   244        1331.0000
```

```
>T.   244      Y=      -9657.8942      X=       -740.9958

./L

.OCATE/LIN
    9    10   245          85.9000
>T.  245      Y=      -9772.4238      X=       -750.0480

./L

.OCATE/LIN
    9    10   246         340.0000
>T.   246     Y=     -10025.5476      X=       -772.2998

./L

.OCATE/LIN
   10    11   247          38.6600
:CR>

>T.   247     Y=     -10115.8576      X=       -779.9002

./L

.OCATE/LIN
   10    11   252        1538.6600
>T.   252     Y=     -11611.1843      X=       -898.2125

./L

.OCATE/LIN
   11    12   253         200.0000
>T.  253      Y=     -11810.7115      X=       -911.9568

./L

.OCATE/LIN
   11    12   254         400.0000
>T.   254     Y=     -12010.2387      X=       -925.7011

./L
:CR>


.OCATE/LIN
   11    12   663         500.0000
>T.   663     Y=     -12110.0022      X=       -932.5733

./L

.OCATE/LIN
   11    12   258        1187.0000
>T.   258     Y=     -12795.3781      X=       -979.7849

./A

.OCATE/AZI
  209   111          12.3000   274    28   38.0
>T.  111      Y=      -2449.5699      X=       -180.4434

./A

.OCATE/AZI
  210   112          14.3000   274    28   38.0
>T.   112     Y=      -2649.1158      X=       -194.0621
:CR>
```

```
./A

.OCATE/AZI
  213    113          14.3000    274     28    38.0
>T.    113      Y=      -3247.2848      X=       -240.8998

./A

.OCATE/AZI
  220    115          12.3000    275     54    11.0
>T.    115      Y=      -4640.5564      X=       -380.8990

./A

.OCATE/AZI
  221    116           9.5000    275     54    11.0
>T.    116      Y=      -4839.3396      X=       -402.9364

./A

.OCATE/AZI
:CR>

  232    123          14.5000    274     16    26.0
>T.    123      Y=      -7232.8869      X=       -574.3459

./A

.OCATE/AZI
  235    124          11.5000    274     16    26.0
>T.    124      Y=      -7830.9949      X=       -622.0522

./A

.OCATE/AZI
  236    125          12.5000    274     16    26.0
>T.    125      Y=      -8030.5132      X=       -635.9598

./A

.OCATE/AZI
  237    126          10.5000    274     16    26.0
>T.    126      Y=      -8256.7329      X=       -654.8713

./A
:CR>


.OCATE/AZI
  238    129           5.5000    273      1    26.0
>T.    129      Y=      -8556.7202      X=       -677.3176

./A

.OCATE/AZI
  242    130           5.5000    273      1    26.0
>T.    130      Y=      -9227.7845      X=       -712.7672

./A

.OCATE/AZI
  243    131            .5000    273     26    26.0
>T.    131      Y=      -9427.2459      X=       -728.3109
```

```
./A

.OCATE/AZI
  244    332          .5000    273      1    26.0
>T.    332      Y=     -9657.9206      X=      -740.4965
:CR>

./A

.OCATE/AZI
  245    532         3.5000    275      1    26.0
>T.    532      Y=     -9772.7303      X=      -746.5614

./A

.OCATE/AZI
  246    133         3.5000    275      1    26.0
>T.    133      Y=    -10025.8541      X=      -768.8133

./A

.OCATE/AZI
  247    134         3.5000    274     31    26.0
>T.    134      Y=    -10116.1336      X=      -776.4111

./A

.OCATE/AZI
:CR>

  252    135         3.5000    274     31    26.0
>T.    135      Y=    -11611.4604      X=      -894.7234

./A

.OCATE/AZI
  253    136         3.5000    273     56    26.0
>T.    136      Y=    -11810.9520      X=      -908.4651

./A

.OCATE/AZI
  254    137         3.5000    273     56    26.0
>T.    137      Y=    -12010.4792      X=      -922.2094

./A

.OCATE/AZI
  663    138         3.5000     93     56    26.0
>T.    138      Y=    -12109.7617      X=      -936.0650

./A
:CR>


.OCATE/AZI
  258    139         3.5000     93     56    26.0
>T.    139      Y=    -12795.1376      X=      -983.2767

./A

.OCATE/AZI
  332    432       500.0000      3      1    26.0
>T.    432      Y=    -10157.2244      X=      -766.8727
```

```
./A

.OCATE/AZ-I
  532    632          500.0000    185      1    26.0
'T.    632       Y=       -9274.6512       X=       -702.7759

'/I

'OIN S/INT
  132    332    432    532    632
:CR>

'T.    132       Y=       -9772.7302       X=       -746.5614

:/A

:NVERSE/AZ
'ROM     1 TO     2, DIST =        878.3100
\ZIMUTH =     4   47   31.0

:/A

:NVERSE/AZ
'ROM     2 TO     3, DIST =       1261.1900
\ZIMUTH =     4   18    8.0

:/A

:NVERSE/AZ
'ROM     3 TO     4, DIST =       1354.7600
\ZIMUTH =     4   28   38.0

:/A
:CR>


:NVERSE/AZ
'ROM     4 TO     5, DIST =       1145.7600
\ZIMUTH =     5   54   11.0

:/A

:NVERSE/AZ
'ROM     5 TO     6, DIST =        422.9600
\ZIMUTH =     5   31   26.0

:/A

:NVERSE/AZ
'ROM     6 TO     7, DIST =       1593.2200
\ZIMUTH =     4    1   26.0

:/A

:NVERSE/AZ
'ROM     7 TO     8, DIST =       1700.0001
\ZIMUTH =     4   16   26.0
:CR>


:/A

:NVERSE/AZ
'ROM     8 TO     9, DIST =       1359.9999
\ZIMUTH =     3    1   26.0
```

```
:/A

:NVERSE/AZ
FROM    9 TO   10, DIST =       391.9700
AZIMUTH =    5   1  26.0

:/A

:NVERSE/AZ
FROM   10 TO   11, DIST =      1538.6600
AZIMUTH =    4  31  26.0

:/A

:NVERSE/AZ
:CR>

FROM   11 TO   12, DIST =      1325.0001
AZIMUTH =    3  56  26.0

:/A

:NVERSE/AZ
FROM  103 TO  104, DIST =       106.1001
AZIMUTH =    4  18   8.1

:/A

:NVERSE/AZ
FROM  104 TO  105, DIST =        93.4000
AZIMUTH =   10  18   8.0

:/A

:NVERSE/AZ
FROM  105 TO  104, DIST =        93.4000
AZIMUTH =  190  18   8.0

:/A
:CR>


:NVERSE/AZ
FROM  104 TO  105, DIST =        93.4000
AZIMUTH =   10  18   8.0

:/A

:NVERSE/AZ
FROM  105 TO  106, DIST =         4.0000
AZIMUTH =  100  18  10.1

:/A

:NVERSE/AZ
FROM  106 TO  107, DIST =        30.0001
AZIMUTH =   10  18   7.9

:/A

:NVERSE/AZ
FROM  107 TO  108, DIST =        33.9999
AZIMUTH =  280  18   7.6
:CR>
```

pt. 103, sta. 08+43.60

pt. 104 sta. ~~1+47~~ 1+49.70

pt. 105 sta. 2+43.10

~~pt. 106 sta.~~

pt. 106 sta 2+47.10

pt. 107 sta 2+77.10

pt. 108 sta 3+11.10

```
:/A

:NVERSE/AZ
FROM  108 TO  109, DIST =      574.3601
AZIMUTH =    2  41  29.0

:/A

:NVERSE/AZ
FROM  109 TO  110, DIST =      483.3399
AZIMUTH =    4   3  55.0

:/A

:NVERSE/AZ
FROM  110 TO  111, DIST =      316.7191
AZIMUTH =    4  29  31.0

:/A

:NVERSE/AZ
:CR>

FROM  111 TO  112, DIST =      200.0100
AZIMUTH =    3  54  15.4

:/A

:NVERSE/AZ
FROM  112 TO  113, DIST =      600.0000
AZIMUTH =    4  28  38.0

:/A

:NVERSE/AZ
FROM  113 TO  114, DIST =      238.1987
AZIMUTH =    4  56  19.5

:/A

:NVERSE/AZ
FROM  114 TO  115, DIST =     1162.1168
AZIMUTH =    5  54   6.4

:/A
:CR>


:NVERSE/AZ
FROM  115 TO  116, DIST =      200.0011
AZIMUTH =    6  19  33.7

:/A

:NVERSE/AZ
FROM  116 TO  117, DIST =      206.4448
AZIMUTH =    5  25   9.3

:/A

:NVERSE/AZ
FROM  117 TO  118, DIST =      393.2200
AZIMUTH =    3  52  41.0

:/A
```

Pt. 109 Sta. 8+85.46

Pt. 110 Sta. 13+68.80

Pt. 111 Sta. 16+85.52

Pt. 112 Sta. 18+85.53

Pt. 113 Sta. 24+85.53

Pt. 114 Sta. 27+23.73

Pt. 115 Sta 38+85.85

Pt. 116 Sta 40+85.85

Pt. 117 Sta. 42+92.29

Pt. 118 Sta. 46+85.51

```
:NVERSE/AZ
FROM  118 TO  119, DIST =      700.0000
AZIMUTH =    3  27   3.0
:CR>

:/A

:NVERSE/AZ
FROM  119 TO  120, DIST =      299.9999
AZIMUTH =    4   1  26.0

:/A

:NVERSE/AZ
FROM  120 TO  121, DIST =      200.0001
AZIMUTH =    4  18  37.0

:/A

:NVERSE/AZ
FROM  121 TO  122, DIST =      400.0099
AZIMUTH =    4  33  37.0

:/A

:NVERSE/AZ
:CR>

FROM  122 TO  123, DIST =      200.1218
AZIMUTH =    4  23    .7

:/A

:NVERSE/AZ
FROM  123 TO  124, DIST =      600.0075
AZIMUTH =    4  33  37.3

:/A

:NVERSE/AZ
FROM  124 TO  125, DIST =      200.0025
AZIMUTH =    3  59  14.7

:/A

:NVERSE/AZ
FROM  125 TO  126, DIST =      227.0088
AZIMUTH =    4  46  43.3

:/A
:CR>

:NVERSE/AZ
FROM  126 TO  127, DIST =       97.3872
AZIMUTH =    8  52  15.1

:/A

:NVERSE/AZ
FROM  127 TO  128, DIST =      112.0000
AZIMUTH =    3  39  14.1

:/A
```

Pt. 119 sta 53+85.51

Pt. 120 sta 56+85.51

Pt. 121 sta 58+85.51

Pt. 122 sta 62+85.51

Pt. 123 sta 64+85.63

Pt. 124 sta 70+85.64

Pt. 125 sta 72+85.64

Pt. 126 sta 75+12.65

Pt 127 sta 76+10.04

Pt. 128 sta 77+22.04

```
:NVERSE/AZ
'ROM  128 TO  129, DIST =        91.9931
AZIMUTH =    0  10  51.8

:/A

:NVERSE/AZ
'ROM  129 TO  130, DIST =       672.0000
AZIMUTH =    3   1  26.0

:/A

:NVERSE/AZ
'ROM  130 TO  131, DIST =       200.0661
AZIMUTH =    4  27  21.5

:/A

:NVERSE/AZ
'ROM  131 TO  132, DIST =       345.9660
AZIM. .H =    3   1  26.0
:CR>

:/A

:NVERSE/AZ
'ROM  132 TO  133, DIST =       306.0548
AZIMUTH =    5   1  26.0

:/A

:NVERSE/AZ
'ROM  133 TO  134, DIST =      1538.6269
AZIMUTH =    4  31  26.0

:/A

NVERSE/AZ
'ROM  134 TO  135, DIST =       399.9822
AZIMUTH =    3  56  26.0

:/A

:NVERSE/AZ
:CR>

'ROM  135 TO  136, DIST =       100.2447
AZIMUTH =    7  56  41.0

:/A

:NVERSE/AZ
```

pt. 129 sta. 78+14.03

pt. 130 sta 84+86.03

pt 131 sta. 86+86.10

pt 132 sta. 90+32.06

pt 133 sta. 93+38.11

pt 134 sta. 108+76.74

pt 135 sta. 112+76.72

pt 136 sta 113+76.97

```
FROM  136 TO  137, DIST =        600.0000
AZIMUTH =    3  56  26.0

 /A

INVERSE/AZ
FROM  137 TO  138, DIST =         18.5201
AZIMUTH =  342  29    .7
END OF FILE REACHED
DO YOU HAVE MORE DATA TO RUN?
(0 NO, 1 YES )
=0
END GCOGO

[7;44;1mC:\STRUC\GCOGO (for help type 32mHELP37m)36m»MODEM

[7;44;1mC:\STRUC\GCOGO (for help type 32mHELP37m)36m»
```

PL 137 sta. 119+76.97

PL 138 sta. 119+95.49 ~~120+47.06~~

LOUISIANA SOUTH ZONE

	GRID AZIMUTH GEOD AZIMUTH BACK GEOD AZ	GRID DIST GEOD DIST	Y-COORDINATE LATITUDE SEC IN FEET	X-COORDINATE LONGITUDE SEC IN FEET
-53 ✓			494,186.5603	2,382,972.2949
1+71.40			030-01-12.3237	090-07-23.4855
			1,244.9691	2,064.7551
	243-20-28.6	471.325		
	243-56-46.9			
	063-56-49.3	471.360	494,398.0322	2,383,393.5156
-54 ✓			030-01-14.3731	090-07-18.6689
9+42.36			1,452.0137	1,641.2750
	S 56°24'33" E	79.244		
	303-35-27.4			
	304-11-48.1 ✓	79.250		
	124-11-48.5		494,354.1898	2,383,459.5264
ON 14	S 5012211		030-01-13.9321	090-07-17.9263
			1,407.4723	1,575.7324
	S 003-41-46.6 W	1261.100		
	004-18-07.7			
	184-18-07.1	1261.194 ✓	493,095.7126	2,383,378.2266
ON-15	5612 9532		030-01-01.4829	090-07-18.9995
			144.8321	1,670.3970
	S 003-52-17.1 W	1354.654		
	004-28-37.6			
	184-28-37.0	1354.755	491,744.1497	2,383,286.7657
ON-16	6761 3366		030-00-48.1132	090-07-20.2021
pt 6			4,460.4421	1,776.2118
	S 005-17-51.0 W	1145.580		
	005-54-11.6			
	185-54-10.3	1145.765	490,603.3633	2,383,180.9863
ON-17	5871 8387		030-00-36.8815	090-07-21.5424
pt 7			3,720.7526	1,894.1059
	S 004-55-06.2 W	422.920		
	005-31-25.5			
	185-31-25.3	422.951	490,162.0007	2,383,144.7266
MON-18	576 1067		030-00-32.6642	090-07-22.0053
pt 8			3,299.7656	1,954.8595
	S 003-34-33.1 W	3314.736		
	004-10-52.2			
	184-10-50.8	3314.983	486,873.7178	2,382,937.9863
MON-19			029-59-59.9367	090-07-24.7541
(pt 9)			6,054.8360	2,176.7116

LOUISIANA SOUTH ZONE

AME ON NO STATION ESCRIPTION	GRID AZIMUTH GEOD AZIMUTH BACK GEOD AZ	GRID DIST GEOD DIST	Y-COORDINATE LATITUDE SEC IN FEET DATE EL ESTABL	X-COORDINATE LONGITUDE SEC IN FEET ELEVATION
			490,182.0007	2,383,144.7266
MON-18			030-00-32.6642	090-07-22.0053
592+06.78			3,299.7653	1,934.8398
DESCRIPTION =				
	S 003-34-33.1 W	3314.736		
	004-10-52.2			
	184-10-50.8	3314.983		
			486,873.7178	2,382,937.9863
MON-19 21			029-59-59.9367	090-07-24.7541
625+21.76			6,054.8361	2,176.7135
DESCRIPTION =				
	S 002-55-17.1 W	1742.877		
	003-31-34.8			
	183-31-34.2	1743.006		
			485,133.1060	2,382,849.1581
MON-20 22			029-59-42.7155	090-07-25.9731
642+64.76			4,315.1297	2,284.0261
DESCRIPTION =				
	S 003-39-30.6 W	2706.154		
	004-15-47.6			
	184-15-46.5	2706.355		
			482,432.4668	2,382,676.4805
MON-21 23			029-59-15.9995	090-07-28.2609
669+71.12			1,616.2626	2,485.3804
DESCRIPTION =				

/ XEQ READT

/ XEQ STOPT

/ XEQ ANGLE

FRANK

ALKER & AVERY, INC.
1315 FNBC Building
NEW ORLEANS, LOUISIANA 70112
Phone 581-6683

JOB 17TH ST. CANAL

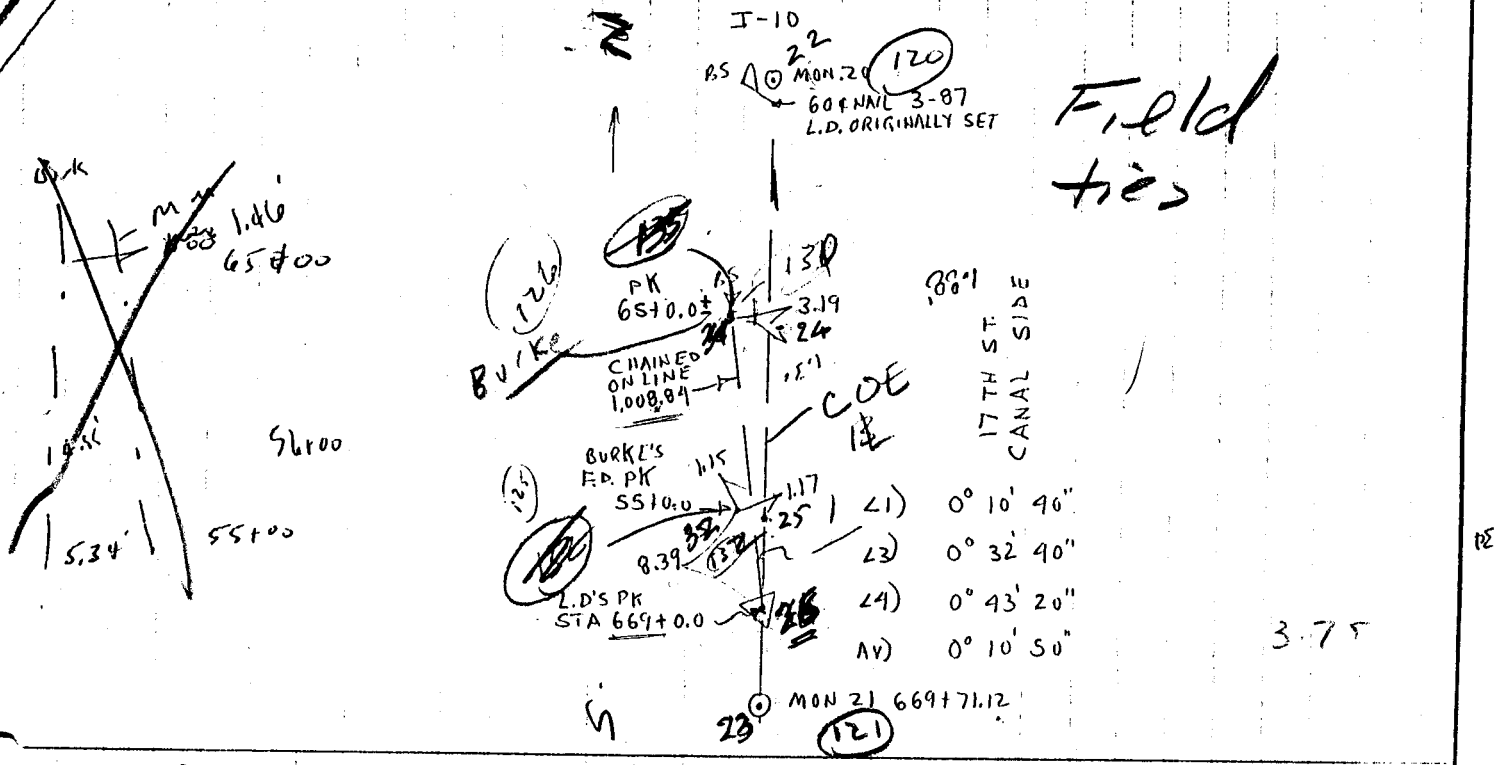
SHEET NO. _____ OF _____

CALCULATED BY _____ DATE 5-13-87

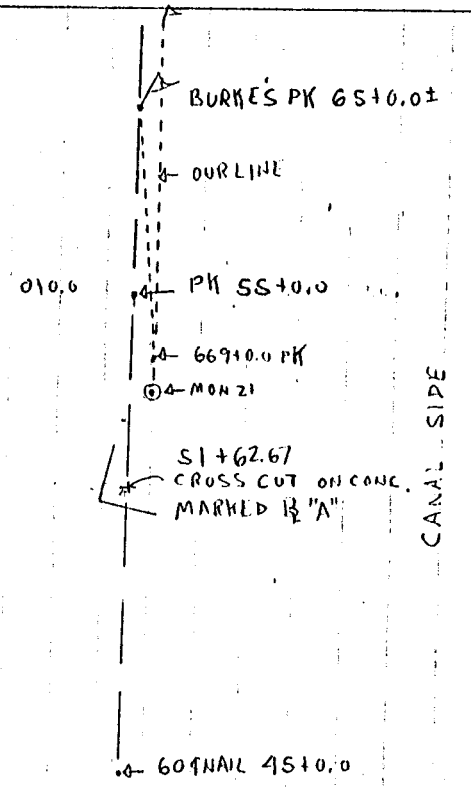
CHECKED BY _____ DATE _____

SCALE GS BS Field Notes

Field ties

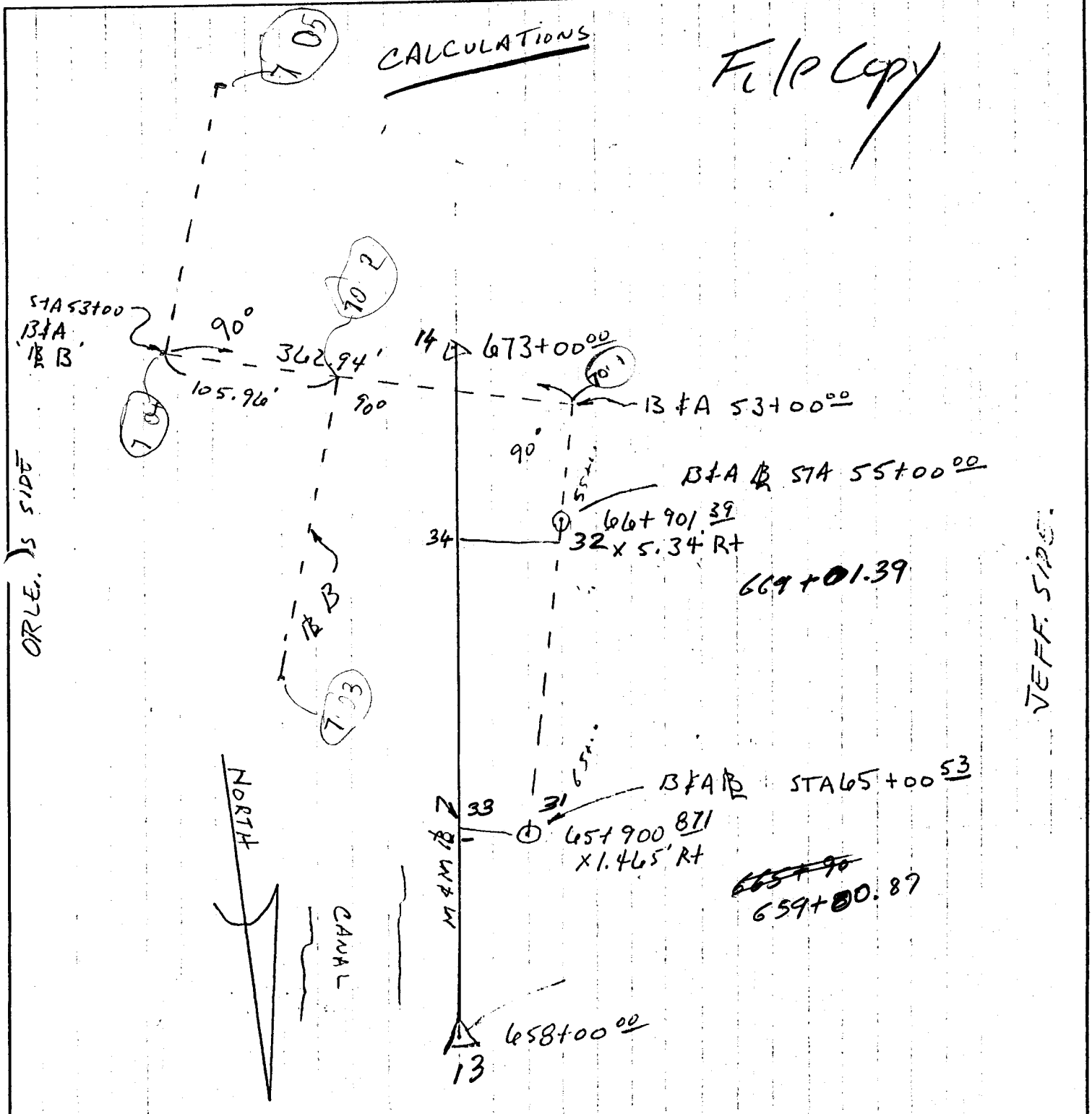


BURKE'S B "A"



WALKER & AVERY, INC.
1315 FNBC Building
NEW ORLEANS, LOUISIANA 70112
Phone 581-6683

JOB 17th St Canal
SHEET NO. _____ OF _____
CALCULATED BY _____ DATE _____
CHECKED BY _____ DATE _____
SCALE Tie to Bulk Hd NTS



WALKER & AVERY, INC.
1315 FNBC Building
NEW ORLEANS, LOUISIANA 70112
Phone 581-6683

17TH ST. CANAL

JOB

SHEET NO. 2 OF

CALCULATED BY George Thomas DATE

CHECKED BY DATE

SCALE NO 2/19/87

L517

MON. 17 ⊙ (7) STA 587+83.82

PRESS 30.06
TEMP 55°
PPM -0.04

422.89 D=422.93 M=138.908

181°20'06" FND MON 18
∠1 181°20'05"
∠3 184°00'12"
∠4 5°20'25"
AVG. 181°20'04"

(8) 178°39'56" 54"

Adj =

STA 592+06.78

17°39'14"

3314.84 D=3315.09 M=1010.441

SLEEPY HOLLOW CANAL

∠1 179°21'04"
∠3 178°03'10"
∠4 357°24'11"
AVG 179°21'03"

179°20'37"
Adj = 179°21'29"

Field ties

FND MON 19 (24) 3.20 6.50

STA 625+21.76

1.50 BELOW GROUND SURFACE

← WEST BOUND LANE VET. HWY.

1742.8/93 D=1749.95 M=531.950

I-10 Side

FND MON 20 (22) 1.00 I-10 R/W FENCE

CORNER STEP side of LEVEE

3.40 2.50 BELOW GROUND SURFACE

∠1 180°44'16"
∠3 182°12'43"
∠4 2°56'59"
AVG. 180°44'14"
180°44'13"

STA 642+64.76

2706.19 D=2706.49 M=324.970

(53°39'30.0)

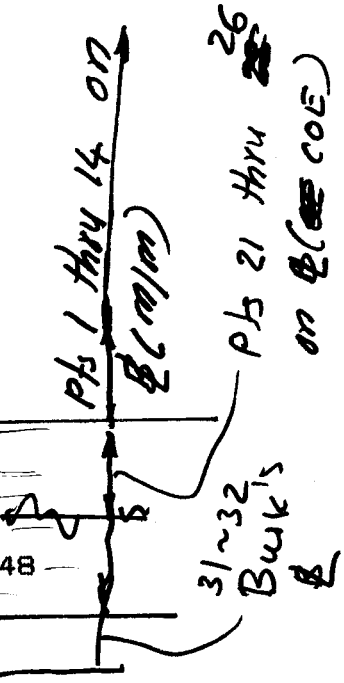
71.12

SET PK

MON. 21 (23) STA 669+71.12

487,432.4668
2,382,676.4805

```
TT YPE AGLIN
1 CLEAR
2 1 999
3 STORE
4 1
5 1 0 0
6 L/A
7 1 2 118.36 64 47 21.6
8 2 3 99.88 34 48 08
9 3 4 878.31 4 47 31.3
10 4 5 1261.19 4 18 08
11 5 6 1354.76 4 28 38
12 6 7 1145.76 5 54 11
13 7 8 422.96 5 31 26
14 8 9 1593.22 4 01 26
15 9 10 1700 4 16 26
16 10 11 1360 3 01 26
17 11 12 391.97 5 01 26
18 12 13 1538.66 4 31 26
19 13 14 1500 3 56 26
20 8 21 3314.98 4 10 52
21 21 22 1743.01 3 31 35
22 22 23 2706.36 4 15 48
23 23 26 71.12 184 15 48
24 26 24 1008.83 184 15 48
25 26 25 8.31 184 15 48
26 24 31 3.19 94 15 48
27 25 32 1.15 94 15 48
28 13 40 500 3 56 26
29 13 41 1200 3 56 26
30 40 42 3.7 93 56 26
31 41 43 3.7 93 56 26
32 32 50 2000 93 56 26
33 32 51 2000 273 56 26
34 31 52 2000 93 56 26
35 31 53 2000 273 56 26
36 P/I
37 34 50 51 13 14
38 33 52 53 13 14
39 L/L
40 31 32 36 1016.55
41 42 43 35 550
42 L/A
43 36 37 7 274 08 47.4
44 37 38 38.5 4 08 47.5
45 37 54 100 93 56 26
46 37 55 100 273 56 26
47 38 56 100 93 56 26
48 38 57 100 273 56 26
49 P/I
50 58 54 55 13 14
51 59 56 57 13 14
52 I/A
53 13 58
54 13 59
55 58 37
56 59 38
57 42 35
58 35 37
59 37 38
60 END
```



West bank

Pt. 36 ~ Bulk sta: 54+83.54
37. Begin wall by bulk

East Bank

```
GCOGO

A:\>ECHO OFF

Bad command or file name

A:\>GCOGO

A:\>ECHO OFF
Cannot find U0002.EXE
Please enter new program spec: A:
                          ********************************
                          *  CORPS PROGRAM  #  U0002    *
                          *  MS-FORTRAN 77  # 86/01/01  *
                          ********************************


PROGRAM GCOGO -- USAE WATERWAYS EXPERIMENT STATION-- 13:35:51    --08-06-87
                    - CORPS SYSTEM PROGRAM U0002 -
COORDINATE GEOMETRY ANALYSIS PROGRAM  733-F3-R0 002   REVISED NOV 1981

DATA INPUT FORM --
 ENTER 0 IF FROM A DISK DATA FILE
    OR 1 IF IN RESPONSE TO QUESTIONS FROM THE TERMINAL

=0


ANGLE DATA CONVENTIONS --
   QUADRANTS   1 = NE   2 = SE   3 = SW   4 = NW
   SIGN = + TO RIGHT, - TO LEFT
   SELECT AN OPTION DEFINING AZIMUTHS ( 1=POSITIVE CLOCKWISE
   FROM SOUTH, 2=POSITIVE CLOCKWISE FROM NORTH)
=1

EXPONENT OVERFLOW, EXPONENT UNDERFLOW, AND DIVIDE CHECK MESSAGES
PROBABLY INDICATE INCOMPLETE DATA.

ENTER THE DATA FILE NAME.(EG: C:FNAME.EXT):
=AGLIN
<CR>

<CR>

CLEAR

BETWEEN POINTS      1   AND    999
STORE
L/A
LOCATE/AZI
    1      2         118.3600     64     47    21.6
PT.      2      Y=         -50.4152      X=        -107.0859
L/A
LOCATE/AZI
    2      3          99.8800     34     48     8.0
PT.      3      Y=        -132.4293      X=        -164.0920
L/A
LOCATE/AZI
    3      4         878.3100      4     47    31.3
PT.      4      Y=       -1007.6692      X=        -237.4654
<CR>

L/A
```

```
LOCATE/AZI
    4      5        1261.1900      4     18     8.0
PT.        5      Y=      -2265.3054      X=       -332.0767
L/A
LOCATE/AZI
    5      6        1354.7600      4     28    38.0
PT.        6      Y=      -3615.9313      X=       -437.8331
L/A
LOCATE/AZI
    6      7        1145.7600      5     54    11.0
PT.        7      Y=      -4755.6157      X=       -555.6696
L/A
LOCATE/AZI
    7      8         422.9600      5     31    26.0
PT.        8      Y=      -5176.6115      X=       -596.3841
<CR>

L/A
LOCATE/AZI
    8      9        1593.2200      4      1    26.0
PT.        9      Y=      -6765.9041      X=       -708.1842
L/A
LOCATE/AZI
    9     10        1700.0000      4     16    26.0
PT.       10      Y=      -8461.1767      X=       -834.8757
L/A
LOCATE/AZI
   10     11        1360.0000      3      1    26.0
PT.       11      Y=      -9819.2831      X=       -906.6189
L/A
LOCATE/AZI
   11     12         391.9700      5      1    26.0
PT.       12      Y=     -10209.7472      X=       -940.9442
<CR>

L/A
LOCATE/AZI
   12     13        1538.6600      4     31    26.0
PT.       13      Y=     -11743.6136      X=      -1062.3057
L/A
LOCATE/AZI
   13     14        1500.0000      3     56    26.0
PT.       14      Y=     -13240.0674      X=      -1165.3881
L/A
LOCATE/AZI
    8     21        3314.9800      4     10    52.0
PT.       21      Y=      -8482.7689      X=       -838.0775
L/A
LOCATE/AZI
   21     22        1743.0100      3     31    35.0
PT.       22      Y=     -10222.4787      X=       -945.2872
<CR>

L/A
LOCATE/AZI
   22     23        2706.3600      4     15    48.0
PT.       23      Y=     -12921.3499      X=      -1146.4797
L/A
LOCATE/AZI
   23     26          71.1200    184     15    48.0
PT.       26      Y=     -12850.4267      X=      -1141.1926
L/A
LOCATE/AZI
   26     24        1008.8300    184     15    48.0
PT.       24      Y=     -11844.3882      X=      -1066.1957
L/A
```

```
LOCATE/AZI
   26     25          8.3100    184     15    48.0
PT.    25      Y=     -12842.1397      X=      -1140.5749
<CR>

L/A
LOCATE/AZI
   24     31          3.1900     94     15    48.0
PT.    31      Y=     -11844.1511      X=      -1069.3769
L/A
LOCATE/AZI
   25     32          1.1500     94     15    48.0
PT.    32      Y=     -12842.0542      X=      -1141.7217
L/A
LOCATE/AZI
   13     40        500.0000      3     56    26.0
PT.    40      Y=     -12242.4315      X=      -1096.6665
L/A
LOCATE/AZI
   13     41       1200.0000      3     56    26.0
PT.    41      Y=     -12940.7766      X=      -1144.7716
<CR>

L/A
LOCATE/AZI
   40     42          3.7000     93     56    26.0
PT.    42      Y=     -12242.1772      X=      -1100.3578
L/A
LOCATE/AZI
   41     43          3.7000     93     56    26.0
PT.    43      Y=     -12940.5223      X=      -1148.4628
L/A
LOCATE/AZI
   32     50       2000.0000     93     56    26.0
PT.    50      Y=     -12704.6113      X=      -3136.9935
L/A
LOCATE/AZI
   32     51       2000.0000    273     56    26.0
PT.    51      Y=     -12979.4968      X=        853.5501
<CR>

L/A
LOCATE/AZI
   31     52       2000.0000     93     56    26.0
PT.    52      Y=     -11706.7081      X=      -3064.6487
L/A
LOCATE/AZI
   31     53       2000.0000    273     56    26.0
PT.    53      Y=     -11981.5937      X=        925.8949
P/I
POINTS/INT
   34     50     51     13     14
PT.    34      Y=     -12842.3112      X=      -1137.9889
P/I
POINTS/INT
   33     52     53     13     14
PT.    33      Y=     -11844.1609      X=      -1069.2319
<CR>

L/L
LOCATE/LIN
   31     32     36       1016.5500
PT.    36      Y=     -12858.0402      X=      -1142.8806
L/L
LOCATE/LIN
   42     43     35        550.0000
```

```
PT.     35      Y=     -12790.8770      X=     -1138.1546
L/A
LOCATE/AZI
   36    37          7.0000    274      8    47.4
PT.     37      Y=     -12858.5463      X=     -1135.8989
L/A
LOCATE/AZI
   37    38         38.5000      4      8    47.5
PT.     38      Y=     -12896.9455      X=     -1138.6828
<CR>

L/A
LOCATE/AZI
   37    54        100.0000     93     56    26.0
PT.     54      Y=     -12851.6742      X=     -1235.6625
L/A
LOCATE/AZI
   37    55        100.0000    273     56    26.0
PT.     55      Y=     -12865.4185      X=     -1036.1353
L/A
LOCATE/AZI
   38    56        100.0000     93     56    26.0
PT.     56      Y=     -12890.0734      X=     -1238.4464
L/A
LOCATE/AZI
   38    57        100.0000    273     56    26.0
PT.     57      Y=     -12903.8177      X=     -1038.9192
<CR>

P/I
POINTS/INT
   58    54    55     13     14
PT.     58      Y=     -12858.3264      X=     -1139.0921
P/I
POINTS/INT
   59    56    57     13     14
PT.     59      Y=     -12896.7351      X=     -1141.7378
I/A
INVERSE/AZ
FROM    13 TO    58, DIST =       1117.3544
AZIMUTH =     3  56  26.0
I/A
INVERSE/AZ
FROM    13 TO    59, DIST =       1155.8541
AZIMUTH =     3  56  26.0
<CR>

I/A
INVERSE/AZ
FROM    58 TO    37, DIST =          3.2007
AZIMUTH =   273  56  26.5
I/A
INVERSE/AZ
FROM    59 TO    38, DIST =          3.0623
AZIMUTH =   273  56  26.5
I/A
INVERSE/AZ
FROM    42 TO    35, DIST =        550.0000
AZIMUTH =     3  56  26.0
I/A
INVERSE/AZ
FROM    35 TO    37, DIST =         67.7069
AZIMUTH =   358   5  26.9
<CR>

I/A
```

```
INVERSE/AZ
FROM   37 TO   38, DIST =        38.5000
AZIMUTH =    4   8  47.5
END
DO YOU HAVE MORE DATA TO RUN?
(0 NO, 1 YES )
=0
END GCOGO

B:\>
```