

019044

SURVEY NOTES & CALCULATIONS
FOR D.D.H. A-25

BY: D. ARMSWORTHY
J. MOROZ

DATE: JUNE 20/81

CLOSED TRAVERSE FOR

DDH ~~2~~ A-25

JUNE 20/81

ARM-540

15
35

H022. <

VERT. <

0

HIW
1405 00-01-00
 HIW 406 240° 50' 26" 89° 30' 18"
 543 "A" 121° 39' 36" 270° 30' 38"
 02° 28' 36" 89° 30' 16"
 243:17-40 270-30-50
 (240-49-10) (400-30-14)

HIW
1406 00-01-00
 "A" 221-08-51 91-58-51
 566 "B" 82-17-49 268-20-10
 303-25-43 91-58-06
 164-34-07 268-02-58
 (221-08-17) 268-03-01
 91-58-08
 268-03-09
 91-57-58
 (-) 01-57-29

"A" 00-01-00
 "B" 159.20-13 91-35-51
 640 "C" 318-39-14 268-25-18
 117-57-56 91-36-04
 277-16-58 268-25-09
 (159-18-59) (-) 01-35-22

H.D. S.O. V.D. Hpt. (2)

28.598 98.600 +0.713

98 598 98.600 +0.708 1.560

125.847 125.923 -4.386 ~~+583~~

✓ 125.924 -4.392 1.576

141.192 141.249 -4.024 1.593

~~141.192 141.249 -4.051.~~

| STA | ES FS | HORZ < | VERT < |
|-------|----------|-------------|--------------|
| | "B" | 00-01-00 | |
| | "C" | | |
| 1.698 | "D" | 189-41-54 | 94-41-38 |
| | | 19-23-00 | 265-19-36 |
| | | 209-03-46 | 94-41-40 |
| | | 38-44-50 | 265-19-54 |
| | | (189-40-57) | (-) 04-40-57 |
| | "C" | 00-01-00 | — |
| | | 106-25-37 | 268-55-48 |
| "D" | | 212-49-06 | 91-04-52 |
| 1.645 | | 319-13-36 | 268-56-12 |
| | "E" | 65-37-38 | 91-04-56 |
| | | 106 25 34 | (-) 01-04-27 |
| | | 212 49 46 | |
| | | 319 14 06 | |
| | | 65. 38 22 | |
| | "E" | (106-24-20) | |
| "D" | | 00-01-00 | — |
| 1.645 | A-25 | 72-27-20 | — |
| | | 144-53-48 | — |
| | | (72-26-24) | |

H.D. S.D. V.D. Htpt

84.744 85.030 -6.954

84.738 85.029 -7.027

84.737 85.029 -7.027 1.559

383.320 383.389 -7.256 1.625

383.320 383.389 -7.274

25.012 25.193 -3.013 1.800

25.012 25.193 -3.013

STA. BS. FS. HORIZ. < VERT. <

"D"

"E"

700

HIW
1490

00-01-00

109-11-54

218 22 12

327 33 08

76-43-34

(109-10-38)

89-14-06

270-46-48

89-14-14

270 46 54

(+) 00-46-06

"E"

HIW
1490

HIW
1462

00-01-00

30-51-30

61-42-08

92-32-42

123-23-12

(30-50-33)

H.D. S.D. V.D. HZ.PZ.

347.874 347.905 + 4.680 .1.500

347.874 347.906 + 4.698

D.D.H. LOCATIONS

CALCULATION SHEET.

DA

| | | | | | |
|---------------|-------------|--|--|--|--|
| BACKSIGHT | "E" | | | | |
| STATION | "D" | | | | |
| FORESIGHT | A-25 | | | | |
| HORZ. DIST. | 24.999 ✓ | | | | |
| H. I. | + 1.645 ✓ | | | | |
| H. P. | - 1.800 ✓ | | | | |
| DIFF. | - 3.013 ✓ | | | | |
| STA. ELEV. | 1304.507 ✓ | | | | |
| DIFF. | - 3.168 ✓ | | | | |
| COLLAR | 1301.339 ✓ | | | | |
| AZIMUTH FS | | | | | |
| Top 180° | | | | | |
| B.S. AZIMUTH | 306-28-58 | | | | |
| HORZ. < | 72-26-24 | | | | |
| AZIMUTH | 18-55-22 | | | | |
| BEARING | | | | | |
| STA. NORTHING | 6905727.748 | | | | |
| LAT. | + 23.648 | | | | |
| HOLE COORD. | 6905751.396 | | | | |
| STA. EASTING | 592088.829 | | | | |
| DEP. | + 8.107 | | | | |
| HOLE CO-ORD | 592096.936 | | | | |

SURVEY CALCULATION SHEET TRAVERSE FOR DDH A-25

| Station | Horiz. Angle | Azimuth | Slope Dist. | Vert. Angle | Horiz. Dist. | Lat. | Dep. | Calculated | | Adjusted | |
|----------|--------------|---------|----------------------|-------------|--------------|--------|--------|-------------|----------|-----------|----------|
| | | | | | | | | Northings | Eastings | Northings | Eastings |
| | | | ADJ. TO UTM BY 0.075 | | V.D. | H.I. | Ht. Pt | ELEV. | ADJ. | ELEV. | |
| HIW 1406 | | | | | | | | 1319.143 | | | |
| | | | | | | | | + .693 | | | |
| A | | | 98.551 | | +0.710 | +1.543 | -1.560 | 1319.836 | -0.009 | 1319.827 | |
| | | | | | | | | - 4.399 | | | |
| B | | | 125.960 | | -4.389 | +1.566 | -1.576 | 1315.437 | -0.011 | 1315.417 | |
| | | | | | | | | - 3.091 | | | |
| C | | | 141.178 | | -4.038 | +1.640 | -1.593 | 1311.446 | -0.013 | 1311.413 | |
| | | | | | | | | - 6.898 | | | |
| D | | | 94.996 | | -7.027 | +1.688 | -1.559 | 1304.548 | -0.008 | 1304.507 | |
| | | | | | | | | - 7.245 | | | |
| E | | | 383.197 | | -7.265 | +1.645 | -1.625 | 1297.303 | -0.035 | 1297.227 | |
| | | | | | | | | + 4.801 | | | |
| HIW 1470 | | | 347.731 | | +4.689 | +1.700 | -1.583 | 1302.104 | -0.031 | 1301.997 | |
| | | | | | | | | | | | |
| | | | 1181.503 | | | | | DIFF(+.107) | | | |

CLOSED TRAVERSE FOR

D.D.M. A-25

SURVEYED BY: D. ARMSWORTHY
J. MOROZ

DATE: JUNE 26/81

SCALE: 1:2000

