

019047

SURVEY NOTES & CALCULATIONS  
FOR A-89, A-120, DL-1, DL-2

BY: D. ARMSWORTHY  
J. MOROZ

DATE: JUNE 15/81

CLOSED TRAVERSE

FOR DDH'S A-89  
A-120  
DL-1  
DL-2

JUNE 15/81

ARM-140R

(1) SS  
STA FS

HOZ 2

ULC 2

HIW  
1422

00-01-00

HIW  
1405

29-26-26 89-09-42

1.424 "A"

58-51-42 270-51-44

88-17-18 89-09-36

117-43-00, 270-51-50  
(29-25-30) (+00-51-04)

00-01-00

DL-1

98-58-20

197-56-00

(98-57-30)

HIW  
1405

00-01-00

"A"

121-24-36 87-42-58

1.679 "B"

242-~~AB~~-10 272-18-34

04-11-34 87-42-50

125-35-06 272-18-26

(121-23-31) (+02-17-48)

"B"

00-01-00

"A"

254-24-26

A-89

148-47-20

(25A-23-10)

DL-2

35A-11-06

34B-20-12

(35A-09-36)

H.I. S.D. V.D. H.P.T. (2)

596.306 596.371 18.758

596.312 596.375 18.555 1.597

596.305 596.374 18.816

35.502 - -0.421 1.220

35.500 - -0.419

143.320 143.433 15.675 1.473

143.322 143.432 15.626

49.754 - -5.1<sup>118</sup>~~122~~

49.748 - -5.096 1.220

30.178 - 10.382 1.220

30.175 - 10.373

2  
STA

BS  
FS

H02 <

VER <

A-120 76-31-00  
153-03-00 (76-31-00)

"A" 00-01-00

"B" 109-40-42 93-23-45

1-539 HIW 1424 219-20-12 266-38-08  
329-00-02 93-23-40  
78-39-52 266-38-00  
(109-39-43) (-03-22-49)

"B" 00-01-00

HIW 1424 117-11-36 117-10-52

HIW 1422 234-22-42

351-33-53

108-44-30

(117-10-52)

117-12-12 117-10-59

234-23-00

351-33-54

108-44-56

(117-10-55)

H. D. S. D. V. D. H. R.

63.873 - +3.754 1.220

63.873 - +3.764

117.373 117.583 -7.000 1.465

117.372 ✓ -7.046 ~~1.465~~

-7.040



D.D.H. LOCATIONS

CALCULATION SHEET.

DA

D.D.H.'s A-89, A-120, DL-1, DL-2

BACKSIGHT	"B"	"B"	HIW 1422	"B"
STATION	"A"	"A"	HIW 1405	"A"
FORESIGHT	A-89	A-120	DL-1	DL-2
HORZ. DIST.	49.726 ✓	63.841	35.483	20.162 ✓
H.I.	+1.679 ✓	1.679 ✓	+1.424 ✓	+1.679 ✓
H.P.	-1.220 ✓	-1.220 ✓	-1.220 ✓	-1.220 ✓
DIFF.	-5.007 ✓	+3.759 ✓	-0.420 ✓	+0.378 ✓
STA. FLEV.	1308.927 ✓	1308.927 ✓	1300.253 ✓	1308.927 ✓
DIFF.	-4.548 ✓	+4.218 ✓	-0.216 ✓	+0.837 ✓
COLLAR	1304.379 ✓	1313.145 ✓	1300.037 ✓	1309.764 ✓
AZIMUTH FS				
Cor. 180°				
E.S. AZIMUTH	233-53-26	233-53-26	263-04-25	233-53-26
HORZ. <	254-23-10 ✓	76-31-00 ✓	98-57-30 ✓	254-09-36 ✓
AZIMUTH	128-16-36	310-24-26	02-01-55	228-03-02
BEARING				
STA. NORTHING	6905280.921	6905280.921	6905052.811	6905280.921
LAT.	-30.803	+41.303	+35.461	-20.163
H/E COORD.	6905250.118	6905322.304	6905088.272	6905260.758
STA. EASTING	592162.169 ✓	592162.169 ✓	592712.796 ✓	592162.169 ✓
DEP.	+39.036	-48.612	+1.258	-22.433
HOLE CO-ORD	592201.205	592113.557	592714.054	592139.756



CLOSED TRAVERSE

FOR

D.D.H.'S

A-29, A-120

DL-1, DL-2

SURVEYED BY

D. ARMSWORTHY

J. MORRIS

DATE

JUNE 15 1981

SCALE

1" = 2000'

