DR Lat	44	deg.	30.50	min.	N
DR Lo	73	deg.	15.50	min.	W
Total GHA	75	deg.	18.70	min.	
Asm Lo	73	deg.	18.70	min.	W
Tab LHA	2	deg.			
Tab Hc	56	deg.	57.34	min.	
Total Corr			12.69	min.	
Hc	57	deg.	10.03	min.	
Ho	57	deg.	40.50	min.	

Sight Number 9 | Body SPICA | Limb NA

Date & MeanTime @ Greenwich: 20-Aug-17 17:04:31

d	59.94	min.
d1 Corr	10.58	min.
d2 Corr	2.10	min.
DSD Corr	0.01	min.
Total Corr	12.69	min.

DSD 0.01 min. Z diff -0.09 deg.

Tab Dec	12	deg.	N
Dec Incr	12.70	min.	
Asm (Tab) Lat	45	deg.	N
Dec and Lat have	Same	Names	
Tab Z	176.41	deg.	
Z Corr	-0.02	deg.	
Z	N	176.39	W

Data needed for checking back of
USPS SR ED 96b Form
& CLS 98 Plotting Sheet
Sight Reduction -- Intercept and Azimuth
by H.O. PUB. NO. 229
"Sight Reduction Tables for Marine Navigation"

AP to HO 229 LOP distance 30.47 n. mi. Toward Zn 183.6 deg.

Intercept • LOP Crossing Lat	44	29.57	N
Intercept • LOP Crossing Lo	73	20.95	W

DR to HO 229 LOP Distance 1.13 n. mi. Toward Zn 183.6 deg.

DR_EP Lat	44	29.37	N
DR_EP Lo	73	15.58	W

Ψ 4.2E-07 min.

This Worksheet requires the Excel Solver Add-in to calculate values for DR_EP Lat & DR_EP Lo

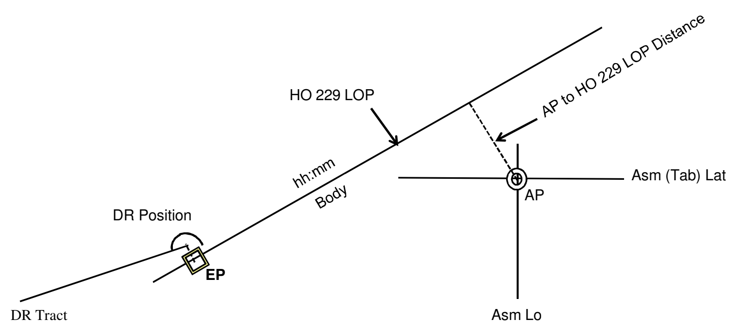
Click on this box to solve for DR_EP Lat & DR_EP Lo

Facsimile of HO 229 Table Excerpt Needed for Solution

2 ° LHA Declination and Latitude have Same Names
358 ° LHA

45 ° Latitude

	Dec°	Hc°	Hc'	d'	Z°
	10	54	57.46	59.94	176.57
	11	55	57.40	59.94	176.49
Tab Dec →	12	56	57.34	59.94	176.41
	13	57	57.28	59.93	176.33
	14	58	57.21	59.93	176.24



Note: Diagram only illustrate the relationships of the various parameters and not the actual values of the various parameters

Different Orientations of the Navigational Triangle