

DR Lat deg. min.
 DR Lo deg. min.
 Total GHA deg. min.
 Asm Lo deg. min.
 Tab LHA deg.
 Tab Hc deg. min.
 Total Corr min.
 Hc deg. min.
 Ho deg. min.

Sight Number Body Limb
 Date & MeanTime @ Greenwich
 d min. DSD min. Z diff deg.

Tab Dec deg.
 Dec Incr min.
 Asm (Tab) Lat deg.
 Dec and Lat have Names

**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"**

Tab Z deg.
 Z Corr deg.
 Z

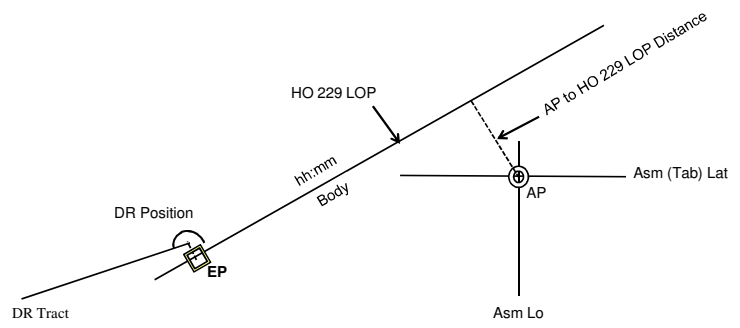
AP to HO 229 LOP distance n. mi. Zn deg.
 Intercept • LOP Crossing Lat
 Intercept • LOP Crossing Lo
 DR to HO 229 LOP Distance n. mi.
 DR_EP Lat
 DR_EP Lo

Zn deg.
 Ψ min.
 Click on this box to solve for DR_EP Lat & DR_EP Lo

Facsimile of HO 229 Table Excerpt Needed for Solution

2 ° LHA 358 ° LHA		Declination and Latitude have Same Names				
		45 ° Latitude				
Tab Dec		Dec°	Hc°	Hc'	d'	Z°
		10	54	57.46	59.94	176.57
		11	55	57.40	59.94	176.49
		12	56	57.34	59.94	176.41
		13	57	57.28	59.93	176.33
		14	58	57.21	59.93	176.24

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



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

