

Position from intercept and azimuth by calculation ~ See Nautical Almanac page 282 paragraph 11

Number of Bodies	3	T (Course)	0 deg.	V (Speed)	0 knots	Date	
Crossing Angle of LOPs From Body 1 & Body 2 is	58.1 deg.	DR Lat	48 deg. 8.50 min. N			18-May-03	
Crossing Angle of LOPs From Body 1 & Body 3 is	89.1 deg.	DR Lo	123 deg. 26.00 min. W			Time of Fix	21:28:00
Crossing Angle of LOPs From Body 2 & Body 3 is	32.8 deg.	Fix Lat	48 deg. 8.46 min. N			Distanace between DR & Fix	2.40 n. mi.
Azimuth Spread	121.9 deg.	Fix Lo	123 deg. 22.40 min. W			Direction from DR to Fix	91.0 deg.

Warning ... Azimuth Spread < 210 deg.

Enter data into yellow cells

Body 1 Data		Body 2 Data		Body 3 Data	
JUPITER	deg. min.	ARCTURUS	deg. min.	SPICA	deg. min.
Hc	43 39.81	Hc	49 35.46	Hc	27 45.52
Zn	245.4 deg.	Zn	123.5 deg.	Zn	156.3 deg.
Time of Observation		Time of Observation		Time of Observation	
21:18:14	Intercept	21:24:13	Intercept	21:28:24	Intercept
	2.2 n. mi. Away		1.9 n. mi. Toward		1.1 n. mi. Toward
Ho	43 deg. 37.60 min.	Ho	49 deg. 37.40 min.	Ho	27 deg. 46.60 min.
Total GHA	167 deg. 16.10 min.	Total GHA	88 deg. 31.80 min.	Total GHA	102 deg. 11.60 min.
Declination	18 deg. 15.30 min. N	Declination	19 deg. 9.90 min. N	Declination	11 deg. 10.80 min. S