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

DR Lat	48	deg.	8.50	min.	N	Date @ DR Position	18-May-03	Δ Time Since Previous Fix	3:00:00	Fix Lat	48	deg.	8.46	min.	N
DR Lo	123	deg.	26.00	min.	W	Zone Time of Fix	21:28:24	Number of Bodies	3	Fix Lo	123	deg.	22.40	min.	W
Previous Fix Lat	48	deg.	11.09	min.	N	**Use "Nav Bodies" Worksheet to specify DR Position, Previous Fix, Date & Time**				Set	91.0	deg.		Drift	0.80
Previous Fix Lo	123	deg.	6.02	min.	W	**Enter data into Yellow Cells**				Distance Between Fixes	11.24	n. mi.		Distance Between DR & Fix	

track and speed made good through a current

Track Made Good (TMG)	256.6	deg.	Speed Made Good (SMG)	3.75	kn.	Course To Steer	303.5	deg.	Speed Through Water	7	
Course (C) from Previous Fix to DR	259.1	deg.	Speed Of Advance (SOA) =	4.53	kn.	Course	300	deg.	Drift Angle	3.5	
Drift Angle	2.6	deg. to Port	Were sights taken from a fixed shore position ?	Yes		Azimuth Spread	121.9	deg.			

course to steer at a given speed through the water to make good a given course thr

Warning ... Azimuth Spread < 210 deg.

Crossing Angle of LOPs From Body 1 & Body 2 is	58.1	deg.	Crossing Angle of LOPs From Body 2 & Body 3 is	32.8	deg.	Crossing Angle of LOPs From Body 1 & Body 3 is	89.1	deg.			

Body 1 Data		deg.	min.	Body 2 Data		deg.	min.	Body 3 Data		deg.	min.
JUPITER	Hc	43	39.81	ARCTURUS	Hc	49	35.46	SPICA	Hc	27	45.52
Time of Observation	Zn	245.4	deg.	Time of Observation	Zn	123.5	deg.	Time of Observation	Zn	156.3	deg.
21:18:14	Intercept	2.2	n. mi. Away	21:24:13	Intercept	1.9	n. mi. Toward	21:28:24	Intercept	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