Three Body Fix Using Intersections of Circles of Equal Altitude

	Body 1	Body 2	Body 3
	DENEB	POLLUX	SPICA
Limb			
GMT	4:18:14	4:24:13	4:28:24
GHA	353 deg. 9 min	187 deg. 9.8 min	102 deg. 11.6 min
Dec	45 deg. 17.2 min. N	28 deg. 1.2 min. N	11 deg. 10.8 min. S
Ho	13 deg. 2.7 min	37 deg. 38.1 min	27 deg. 45.6 min

Enter Data Into Yellow Cells

Date @ Greenwich	Day	Month	Year
	19	May	2003

Latitude of Fix	48 deg.	8.43 min	N
Longitude of Fix	123 deg.	26.05 min	W

Click to view 2 Body Fix Using Intersections of Circles of Equal Altitude

Upper Intersections of Circles of Equal Altitude

	Body1 & Body2	Body1 & Body3	Body2 & Body3
Use in Calculating Fix	Yes	Yes	Yes
Lat	48 deg. 8.48 min N	48 deg. 8.43 min N	48 deg. 8.39 min N
Lon	123 deg. 26.09 min W	123 deg. 25.96 min W	123 deg. 26.09 min W

Lower Intersections of Circles of Equal Altitude

	Body1 & Body2	Body1 & Body3	Body2 & Body3
Use in Calculating Fix	No	No	No
Lat	32 deg. 9.37 min N	20 deg. 4.16 min S	20 deg. 23.87 min S
Lon	111 deg. 41.10 min E	146 deg. 54.70 min W	166 deg. 31.93 min W