

RECONSTRUCTION OF THE MEYER'S LIFEBOAT VOYAGE ADDING 30 DEGREES TO WIND DIRECTION

Annex D to
SPC-A minute
Of May 03

Time	Wind		Wind driven current		Leeway		Boat		Current		Total lat chng Nm			
	Dirn (fm)	Speed (kts)	Dirn	Speed (Nm)	Dirn	Distance (Nm)	Dirn	Speed (Nm)	Dirn	Speed (Nm)	Lat chng (Nm)	Long chng (Nm)		
25 Nov 0500	210	20	3.5	165	0.8	160	0.72	160	0.72	160	-1.97	-4.87	-6.64	-3.42
24 Nov 2300	210	20	6	165	0.8	160	1.24	160	1.24	160	-3.38	-8.34	-11.39	-5.87
1700	230	20	6	185	0.8	160	-0.42	160	0.82	248	-3.37	-8.34	-10.97	-8.15
1100	220	20	6	175	0.8	160	0.42	160	0.92	248	-5.62	-13.91	-14.07	-12.98
24 Nov 0500	190	20	6	145	0.8	160	0.75	160	1.23	248	-6.74	-16.89	-15.53	-12.97
23 Nov 2300	220	25	6	175	1	190	0.52	190	0.93	248	-0.56	-1.39	-11.58	-1.49
1700	190	20	6	145	0.8	135	0.92	135	1.70	225	-6.36	-6.36	-13.47	-2.17
1100	190	20	6	145	0.8	135	0.92	135	1.70	225	-6.36	-6.36	-13.47	-2.17
23 Nov 0500	210	25	6	165	1	155	1.55	135	2.97	225	-4.50	-11.13	-15.72	-1.95
22 Nov 2300	240	25	6	195	1	155	1.55	158	2.97	225	-4.50	-11.13	-13.66	-11.45
1700	260	25	6	215	1	155	1.55	230	2.97	225	-4.50	-11.13	-6.84	-5.74
1100	240	20	6	195	0.8	140	1.24	140	1.64	230	-5.79	-8.98	-12.26	-6.59
22 Nov 0500	220	20	6	175	0.8	90	0.42	90	0.00	180	-15.00	0.00	-17.06	-0.85
21 Nov 2300	260	20	6	215	0.8	158	2.75	158	0.90	248	-4.50	-11.13	-7.93	-14.25
1700	220	20	6	175	0.8	158	0.42	158	0.42	248	-3.37	-8.34	-11.49	-6.58
1100	220	20	6	175	0.8	158	0.42	158	1.35	248	-3.37	-8.34	-12.62	-6.17
21 Nov 0500	210	20	6	165	0.8	158	1.24	158	1.35	248	-2.25	-5.66	-11.35	-2.56
20 Nov 2300	200	15	6	155	0.6	158	1.52	158	1.01	248	-2.25	-5.66	-9.05	-2.43
1700	190	15	6	145	0.6	135	2.08	135	1.27	225	-8.49	-8.49	-13.75	-4.55
1100	190	10	6	145	0.4	135	1.38	135	0.85	225	-8.49	-8.49	-12.22	-5.49
20 Nov 0500	180	10	6	135	0.4	150	1.70	135	1.27	225	-8.49	-8.49	-12.37	-4.74
19 Nov 2300	180	15	6	135	0.6	150	2.65	150	0.60	0	0.00	0.00	-4.71	3.56
1800	180	15	5	135	0.6	150	2.12	150	0.60	0	0.00	0.00	-3.93	2.96
Total													-262.11	-116.05

Wind is 3000ft wind at Geraldton (80%)
 Direction of wind may be +/- 30 degrees
 Wind strength +/- 5 kts
 Leeway 3% (in a beam reach) of wind speed
 Leeway 2% close hauled and on broad reach
 Boat course information is course steered with no account for any variation or deviation
 All environmental directions are directions from
 -ve lat = west
 Grey colored cells indicate derived data