

RECONSTRUCTION OF THE MEYER'S LIFEBOAT VOYAGE SUBTRACTING 30 DEGREES FROM WIND DIRECTION

Annex E to
SFC-A minute /03
Of May 03

Time	Wind		Wind driven current		Leeway		Boat		Current		Total lat chng Nm	Total Long chng Nm								
	Dirn (fm)	Speed (kts)	Dirn	Speed (Nm)	Dirn	Distance (Nm)	Dirn	Speed	Dirn	Speed (Nm)										
25 Nov 0500	150	20	3.5	105	0.8	0.8	2.70	160	0.6	-1.97	0.72	248	1.5	-1.97	-4.87	0.00	0.00	-4.66	-1.44	
24 Nov 2300	150	20	6	105	0.8	-1.24	4.64	160	0.6	-3.38	1.23	248	1.5	-3.37	-8.34	0.00	0.00	-8.00	-2.48	
1700	170	20	6	125	0.8	-2.75	3.93	160	0.4	-2.26	0.82	248	1.5	-3.37	-8.34	0.00	0.00	-8.94	-3.80	
1100	160	20	6	115	0.8	2.03	4.35	160	0.45	-2.54	0.92	248	2.5	5.62	-13.91	0.00	0.00	-11.31	-8.04	
24 Nov 0500	130	20	6	85	0.8	0.42	4.78	160	0.6	-3.38	1.23	248	3	-6.74	-15.89	0.00	0.00	-11.18	-10.94	
23 Nov 2300	180	25	6	115	1	-2.94	5.44	190	0.6	-3.85	-0.83	248	0.25	-0.56	-1.39	0.00	0.00	-8.14	3.42	
1700	130	20	6	85	0.8	0.42	4.78	135	0.4	-1.70	1.70	225	1.5	-6.35	-6.36	0.00	0.00	-9.12	-0.15	
1100	130	20	6	85	0.8	0.42	4.78	135	0.4	-1.70	1.70	225	1.5	-6.35	-6.36	0.00	0.00	-9.12	-0.15	
23 Nov 0500	150	25	6	105	1	-1.55	5.80	135	0.7	-2.97	2.97	225	1.5	-6.36	-6.36	0.00	0.00	-11.48	2.30	
22 Nov 2300	180	25	6	135	1	-4.24	4.24	158	0.5	-2.78	1.12	248	2	-4.50	-11.13	0.00	0.00	-12.11	-5.66	
1700	200	25	6	155	1	-5.44	2.54	230	0.5	-1.93	-2.30	0	0	0.00	0.00	0.00	0.00	-7.37	0.24	
1100	180	20	6	135	0.8	-3.39	3.39	140	0.4	-1.84	1.64	230	1.5	-5.79	-6.89	0.00	0.00	-11.02	-1.96	
22 Nov 0500	160	20	6	115	0.8	-2.03	4.35	90	0	0.00	0.00	180	2.5	-15.00	0.00	0.00	0.00	-14.31	3.08	
21 Nov 2300	200	20	6	155	0.8	-4.35	2.03	158	0.4	-2.23	0.90	248	2	-4.50	-11.13	0.00	0.00	-8.35	-9.47	
1700	160	20	6	115	0.8	-2.03	4.35	158	0.6	-3.34	1.35	248	1.5	-3.37	-8.34	0.00	0.00	-8.74	-2.65	
1100	160	20	6	115	0.8	-2.03	4.35	158	0.6	-3.34	1.35	248	1.5	-3.37	-8.34	0.00	0.00	-9.87	-2.24	
21 Nov 0500	150	20	6	105	0.8	-1.24	4.64	158	0.6	-3.84	1.35	248	1	-2.25	-5.56	0.00	0.00	-7.96	0.83	
20 Nov 2300	140	15	6	95	0.6	-0.31	3.59	158	0.45	-2.60	1.01	248	1	-2.25	-5.56	0.00	0.00	-6.10	-0.37	
1700	130	15	6	85	0.6	0.31	3.59	135	0.3	-1.27	1.27	225	2	-8.49	-8.49	0.00	0.00	-10.48	-3.03	
1100	130	10	6	85	0.4	0.21	2.32	135	0.2	-0.85	0.85	225	2	-8.49	-8.49	0.00	0.00	-10.04	-4.47	
20 Nov 0500	120	10	6	75	0.4	0.62	2.32	135	0.3	-1.27	1.27	225	2	-8.49	-8.49	0.00	0.00	-10.06	-4.12	
19 Nov 2300	120	15	6	75	0.6	0.93	3.48	150	0.2	-1.04	0.60	160	0.2	0.00	0.00	0.00	0.00	-1.24	4.49	
1800	120	15	5	75	0.6	0.78	2.90	150	0.2	-0.87	0.50	160	0.2	0.00	0.00	0.00	0.00	-1.03	3.74	
Total																			-200.63	-43.84

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 long = west

-ve lat = south

Grey colored cells indicate derived data