

RECONSTRUCTION OF THE MOVEMENT OF THE AQUITANIA LIFERAFT ADDING 30 DEGREES TO WIND DIRECTION

Time	Wind		Duration (hrs)	Wind driven current		Leeway		Boat		Current		Total lat chng (Nm)	Total Long chng (Nm)
	Dirn (fm)	Speed (kts)		Dirn	Speed (Nm)	Dirn	Distance (Nm)	Lat chng (Nm)	Long chng (Nm)	Dirn	Speed (Nm)		
27 Nov 0600				0	0	0	0	0	0	0	0	0	0
26 Nov 2300				0	0	0	0	0	0	0	0	0	0
1700				0	0	0	0	0	0	0	0	0	0
1100				0	0	0	0	0	0	0	0	0	0
25 Nov 0500				0	0	0	0	0	0	0	0	0	0
24 Nov 2300				0	0	0	0	0	0	0	0	0	0
1700				0	0	0	0	0	0	0	0	0	0
1100				0	0	0	0	0	0	0	0	0	0
24 Nov 0500				0	0	0	0	0	0	0	0	0	0
23 Nov 2300				0	0	0	0	0	0	0	0	0	0
1700				0	0	0	0	0	0	0	0	0	0
1100				0	0	0	0	0	0	0	0	0	0
23 Nov 0500	210	25	1.5	0	0	0	0	0	0	0	0	0	0
22 Nov 2300	240	25	6	1	-1.45	0.39	0.75	-0.97	-0.56	0	0	0	0
1700	260	25	6	1	-5.80	-1.55	0.75	-2.25	-3.90	0	0	-11.05	-5.45
1100	240	20	6	1	-4.91	-3.44	0.75	-0.78	-4.43	0	0	-8.70	-7.87
22 Nov 0500	220	20	6	1	-4.64	-1.24	0.6	-1.80	-3.12	0	0	-9.44	-4.36
21 Nov 2300	220	20	6	1	-4.78	0.42	0.6	-2.76	-2.31	0	0	-10.54	-3.90
1700	220	20	6	1	-3.93	-2.75	0.6	-2.76	-3.55	0	0	-7.56	-6.30
1100	220	20	6	1	-4.78	0.42	0.6	-2.76	-2.31	0	0	-10.54	-3.90
21 Nov 0500	210	20	6	1	-4.64	1.24	0.6	-3.12	-1.80	0	0	-10.75	-0.60
20 Nov 2300	200	15	6	1	-3.26	1.52	0.45	-2.54	-0.92	0	0	-8.80	0.60
1700	190	15	6	1	-2.95	2.06	0.45	-2.66	-0.47	0	0	-8.61	1.60
1100	190	10	6	1	-1.97	1.38	0.3	-1.77	-0.31	0	0	-6.74	1.06
20 Nov 0500	180	10	6	1	-1.70	1.70	0.3	-1.80	0.00	0	0	-6.50	1.70
19 Nov 2300	180	15	6	1	-2.55	2.55	0.45	-2.70	0.00	0	0	-8.25	2.55
1800	180	15	5	1	-2.12	2.12	0.45	-2.25	0.00	0	0	-6.87	2.12
Total												-128.04	-20.78

3% leeway

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

129.7165924