



**86 Outer Reef
Fuel Burn and Range
Twin Caterpillar C-18 Acert (1001 bhp)**

RPM	AHEAD SPEED(kt)	RETURN SPEED(kt)	AVERAGE SPEED(kt)	FUEL RATE (GPH)		Total Fuel	ENG. LOAD %		RANGE	Range
				PORT	STBD		PORT	STBD	3000 gals	3500 Gals
600	5.5	4.0	4.75	0.3	0.3	0.6	15	14	23750	27708
900	7.5	6.0	6.75	5.1	4	9.1	30	27	2225	2596
1000	8.2	6.8	7.5	5.4	4.7	10.1	31	28	2228	2599
1100	8.9	7.7	8.3	5.6	4.6	10.2	32	29	2441	2848
1200	9.8	8.0	8.9	8.2	7.2	15.4	33	31	1734	2023
1300	10.4	8.6	9.5	9.5	8.5	18	34	32	1583	1847
1400	11.0	9.3	10.15	12.1	10.7	22.8	35	34	1336	1558
1500	11.3	9.9	10.6	15.7	14.4	30.1	40	37	1056	1233
1600	12.1	10.2	11.15	18	16.7	34.7	41	38	964	1125
1700	12.7	10.7	11.7	22.3	20	42.3	46	43	830	968
1800	13.1	11.0	12.05	25.3	23.6	48.9	53	51	739	862
1900	13.4	11.5	12.45	31.7	29.6	61.3	63	58	609	711
2000	13.7	11.9	12.8	32.9	32	64.9	67	64	592	690
2100	14.4	12.1	13.25	40.1	37.3	77.4	79	75	514	599
2200	15.1	12.8	13.95	45.6	44.5	90.1	86	82	464	542
2300	16.0	13.3	14.65	52.7	49.1	101.8	98	92	432	504
MAX	16.2	13.4	14.8	53.6	52.7	106.3	99	97	418	487

This information is provided for guidance and Outer Reef Yachts does not guarantee speeds or performance. Since all vessels are custom built and may vary in equipment, appendages and displacement, there is no guarantee that 2 similar sized vessels with the same horsepower engines will perform in the same manner.