



**PERFORMANCE DATA**

29-083

**Back Cove 29 Hardtop, VOLVO D6-310 (310 mHp)**

Average						
RPM	KNOTS	MPH	GPH	NM/G	RANGE (nm)	dBA, HELM
Idle						
1000	5.5	6.3	1.2	4.6	606	76
1500	7.4	8.5	2.3	3.2	426	81
2000	9.4	10.8	4.7	2.0	265	84
2200	11.2	12.9	6.2	1.8	239	84
2400	13.4	15.4	6.8	2.0	261	85
2600	15.8	18.2	8.7	1.8	240	86
2800	18.4	21.2	9.9	1.9	246	86
3000	21.2	24.4	11.2	1.9	250	87
3200	23.6	27.2	12.6	1.9	248	87
3400	26.0	29.9	13.6	1.9	253	90
3600	28.0	32.2	17.5	1.6	212	90

Notes: Displacement Estimated to be approx 12000 # at time of trial  
 CREW 5 adults FUEL 4/4 WATER Empty WASTE Empty  
 speed measured by gps average of two opposing runs  
 Engines: Single Volvo D6-310 with ZF IRM 63-A transmissions (2.037:1 reduction ratio)  
 Propellers: 20" x 23", 4-blade, NiBrAl, 1-1/2" bore. (0.85 DAR) It #3 cup  
 Range based on 90% of 147 gal. fuel capacity.  
 Major options included: Windlass, Anchor and rode, Hardtop and Windsheild, Bow Thruster, Stern Thruster  
 Sound Levels taken at helm in db-A  
 Performance data is subject to change depending on tankage, temperature and other factors.  
 Climate: Jan 13, 2006 Rockland Harbor, ME. Outside Air Temp :40F Winds less than 5kts, Calm  
 Trim Tab Status: fully detracted

