



Pilot Card: Aframax-Class Manned Model

Name	Capt. R.A. Solar
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Actual Ship: 243m x 42m x 12m (800' x 138' x 39.4') -----107,000 Tons Displacement

Scale Vessel: 9.75m x 1.68m x 0.48m (32' x 5.5' x 18.9") -----20,275 Pounds Displacement

Engine Order		Rpm	Speed Kn	
			Scale	Actual
Sea Speed		1268	2.1	10.5
Ahead	Full	1125	1.7	8.5
	Half	600	0.8	4
	Slow	275	0.3	1.5
	D. Slow	180	0.1	0.5
Astern	D. Slow	180		
	Slow	275		
	Half	600		
	Full	1125		

Loaded Draft	Scale	Actual
Forward	17"	35'-4"
Aft	18.9"	39'-3"

Engine Type	Electric 36V
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	Scaled	Actual
Engine Power	0.4 hp	
Thruster	3 lb	

Anchor Rode (ft)	50' of chain, both lockers			
Type Of Rudder	Spade Semi-balanced			
Max Rudder Angle	Port	30	Stb	30
Time Hard Port To Hard Stbd			4 seconds	
Neutral Effect Rudder Angle			1 starboard	

