



PROPELLER SELECTION ANALYSIS FORM – NEW VESSEL

DELIVERING PROPELLERS THAT PERFORM

NOTE: THE PROPER PROPELLER SUGGESTION CAN ONLY BE AS ACCURATE AS THE INFORMATION YOU PROVIDE. PROPELLER SELECTION IS DERIVED FROM VALUES CALCULATED USING PERFORMANCE PREDICTION SOFTWARE. MINOR ADJUSTMENTS MAY BE REQUIRED TO OBTAIN OPTIMUM PERFORMANCE.

CONTACT INFORMATION	
NAME	_____
COMPANY	_____
TELEPHONE	_____
CELL	_____
FAX	_____
E MAIL	_____

VESSEL DATA - HULL	
BOTTOM DESIGN	<input type="checkbox"/> OPEN <input type="checkbox"/> TUNNEL
NOZZLE	<input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> FIXED <input type="checkbox"/> STEERING
SHAFT DIAMETER	_____ INCHES
SHAFT ANGLE	_____ DEGREES
STRUT	<input type="checkbox"/> SINGLE <input type="checkbox"/> V-STRUT

PRIMARY GOAL	
<input type="checkbox"/> ACHIEVE TOP SPEED OF:	_____
<input type="checkbox"/> TOW/PULL (THRUST)	_____
<input type="checkbox"/> OTHER	_____

VESSEL DATA – STERN GEOMETRY	
PROP CENTER (SHAFT) TO HULL	(INCHES) _____
PROP CENTER TO WATERLINE	(INCHES) _____
SHAFT TO RUDDER	(INCHES) _____

TASKS	
<input type="checkbox"/> RECOMMEND PROPELLER SIZE	
<input type="checkbox"/> RECOMMEND ULTIMATE GEARBOX RATIO	
<input type="checkbox"/> RECOMMEND A GEARBOX RATIO FROM THE FOLLOWING:	_____

ENGINE / GEARBOX	
ENGINE MFG	_____
MODEL	_____
FUEL TYPE	<input type="checkbox"/> GAS <input type="checkbox"/> DIESEL
NO. OF CYLINDERS	_____
RATED HP	_____
RATED RPM	_____
PARASITIC LOSS (GEN SET) (HP)	_____
GEARBOX RATIO	_____:1

PRINCIPLE VESSEL OPERATING CONDITION	
VESSEL NAME	_____
HULL TYPE	<input type="checkbox"/> DISPLACEMENT <input type="checkbox"/> BARGE
	<input type="checkbox"/> SEMI – DISPLACEMENT <input type="checkbox"/> CATAMARAN
	<input type="checkbox"/> PLANING <input type="checkbox"/> SAILBOAT
SERVICE	<input type="checkbox"/> PASS / PLEASURE <input type="checkbox"/> TOWING
	<input type="checkbox"/> WORK / COMMERCIAL <input type="checkbox"/> BOLLARD
USAGE	<input type="checkbox"/> OCEAN <input type="checkbox"/> RIVER <input type="checkbox"/> LAKE
LENGTH (FT)	<input type="checkbox"/> WATERLINE
	<input type="checkbox"/> OVERALL
WEIGHT	LIGHT (LBS)
	FULL (LBS)

PROPELLER DATA	
ROTATION VIEWED FROM ASTERN (CHECK ONE OR BOTH)	
IF CLOCKWISE	RH <input type="checkbox"/>
IF COUNTER-CLOCKWISE	LH <input type="checkbox"/>
PROP MATERIAL	<input type="checkbox"/> MANGANESE BRONZE <input type="checkbox"/> STAINLESS
	<input type="checkbox"/> SUPERSTON <input type="checkbox"/> MILD STEEL
	<input type="checkbox"/> NIBRAL <input type="checkbox"/> ALUMINUM
PROPELLERS	<input type="checkbox"/> SINGLE <input type="checkbox"/> TWIN <input type="checkbox"/> TRIPLE

ADDITIONAL INFORMATION	

FAX To: (604) 929 - 7121