

Resistance of a Systematic Series of Semiplaning-USNA			
Length on Waterline Lwl	42.00		m
Distance between Perpendiculars Lpp	40.00		m
Beam B	8.41		m
Draft T	2.95		m
Speed V	10.00		knots
Chine type	HARD	▼	
Block coefficient Cb	0.40		
LCG from aft pp LCG	19.50		m
Displacement	406.88		mt
Wetted surface area S	284.00		m ²
LIMIT CHECK			
L/B	4.76		ok
DIS/LPP3	147.47		ok
LCG/L	-0.01		Shall be between -0.13 and -0.02
V/SQRT(Lwl)	0.85		ok
RESULTS			
Wave making Resistance Rw	13.582		mt
Friction Resistance Rf	0.904		mt
Total Resistance Rt	14.49		mt