

# FAST PASSENGER FOIL-ASSISTED MONOHULL “WAVERIDER”

## Main Particulars:

LOA	25.3 m
Beam max	7.2 m
Molded depth	2.6 m
Darught:	
fully loaded at speed	1.0 m
at rest with retracted foils	1.2 m
at rest with foils in operational position	2.5 m
Service speed	45 kn
Main engines	DDC 12V-92 TA (4 x 805 kW)
Propulsion	MJP Waterjets Type 650 DD
Gensets	2 x 38 kW / 48 kV*A
Range (18.9 t deadweight; 45 kn)	200 n.miles
Overall fuel consumption at service speed	800 litres/h
Seakeeping	up to 2.0 m significant wave height at 100% MCR
Passenger capacity	149 person
Deadweight:	16.100 kg
Tank capacities:	
Fuel oil	5.700 litres
Fresh water	400 litres
Septic	400 litres



Foils:	One fully retractable hydraulically controlled forward fully submerged foil made of high-strength titanium alloy
Interceptors:	Three hydraulically controlled transom interceptors made of high-strength titanium alloy
Rudders:	One hydraulically controlled supplementary suspended rudder made of high-strength titanium alloy providing great control improvement
Hull & Superstructure	GRP
Classification	ABS



Design is developed in cooperation with Navatek (USA)

Number of converted vessels: 1