



## Multipurpose Polar Vessel

<b>General:</b>	The vessel is designed as a Multipurpose Vessel for worldwide and particularly polar operations. It is designed to carry all kinds of heavy cargoes, bulk cargoes and containers without cell guides.		
<b>Main Particulars:</b>	Length o.a.		144.50 m
	Length p.p.		126.60 m
	Breadth moulded		23.00 m
	Depth to main deck		13.70 m
	Deadweight		10,000 t
<b>Capacity:</b>	Cargo holds		16,515 m <sup>3</sup>
	Max. TEU		1,043 TEU
	Heavy fuel oil		1,550 m <sup>3</sup>
	Marine diesel oil		350 m <sup>3</sup>
	Fresh water		100 m <sup>3</sup>
	Water ballast		7,040 m <sup>3</sup>
	Two cargo cranes		each 350 t SWL at 12 m
<b>Speed:</b>	Service speed		16.50 kn
<b>Machinery and Equipment:</b>	Diesel electric propulsion		
	Main engines	4 x medium diesel engines	
	Installed power		17.5 MW
	Bow thruster	2 x 700 KW	
	Range		14,000 nm
<b>Miscellaneous:</b>	Classification		GL, PC3 Ice strengthened
<b>Scope of Work:</b>	Basic Design Participation in model tests ice/open water		
<b>Ref. No.:</b>	KEH 05067		