



Multipurpose Cargo Vessel

General:	The vessel is designed for operation worldwide and on the St. Lawrence Seaway and it has PC7 ice class. The machinery is arranged for operation on dual-fuel.	
Main Particulars:	Length o.a.	135.00 m
	Length p.p.	128.00 m
	Breadth moulded	23.50 m
	Depth to main deck	11.30 m
	Draught (design)	7.60 m
	Deadweight	13,736 t
Capacity:	Cargo holds	15,234 cbm
	Containers	292 TEU in holds 687 TEU on hatch covers
Speed:	Service (90 % MCR)	13.00 kn
Machinery and Equipment:	MDO, HFO, LNG	
	Main engine	1 x MAN B&W or WSD Licence (MHI, HHI or Doosan) 7G40ME-B9.3-GI (Tier II) or similar
	SMCR	approx. 5,350 kW at 110 rpm.
	Aux. power	3 x 1,300 kWe
	Bow thruster	750 kW
	Stern thruster	550 kW
Miscellaneous:	Classification	DNV, 1A1 General Cargo Carrier, CONTAINER, Winterized Cold (-30), E0, NAUTOC, BIS, TMON, CLEAN-DESIGN, or corresponding notation in the case of Lloyd's Register.
Scope of Work:	Concept Design and Tender Design, including: General Arrangement Tender specification Detailed weight and centre of gravity calculations, including weight distribution Lines plans Intact stability calculations Damage stability calculations CFD Lines optimization	
Ref. No.:	KEH 13071.01	