



Chemical Tanker IMO II

General:	The vessel is specially designed for operation on the St. Lawrence Seaway and has PC3 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	11.60 m
	Scantling draught	7.70 m
	Design draught	7.60 m
	Deadweight at design draught	abt 14205 t
Capacity:	Cargo tanks	abt. 16996 cbm
Speed:	Service	13 kn
Propulsion:	MDO, HFO, LNG	
	Main engine	1 x MAN B&W or WSD Licence 7G40ME-B9.3-GI (Tier II) or similar approx. 5350 kW at 110 rpm.
	SMCR	
	Aux. power	3 x 1300 kWe
	Bow thruster	750 kW
	Stern thruster	550 kW
Miscellaneous:	Classification DNV, 1A1 Tanker for Chemicals ESP – ship type 2, Winterized Cold (-30), SPM, E0, NAUT-OC, VCS-2, BIS, TMON, INERT, CLEAN-DESIGN. or corresponding notation in the case of LR (as delegated Class Societies for Transport Canada).	
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 optimisation Cargo and tank heating system Initial calculations for machinery and cargo systems	
Ref. No.:	KEH 13070.01	