



1128 TEU Container Vessel

General:	Three vessels were delivered to this design and they were all built by Ørskov Christensen Shipyard, Denmark. At the time of launching in 1993 they were named M/S Ratana Sopa (hull No. 155), M/S TSL Valiant (hull No. 174) and M/S Inger C (hull No. 176). In 2013 all three vessels were still operational under different Owners. Further twentyfour vessels has been built at Kalkavan Shipyard, Tuzla, Istanbul, with slightly changed specification.			
Main Particulars:	Length o.a. (approx.)			148.70 m
	Length p.p.			136.85 m
	Breadth moulded			22.70 m
	Depth			11.30 m
	Draught			7.70 m
	Scantling draught			8.05 m
	DWT at design draught (approx.)			12,100 t
	DWT at scantling draught (approx.)			13,400 t
Capacity:	Container capacity	Hold:	Deck:	Total:
	20' TEU	350	778	1128
	40' FEU + 20' TEU	70+10	328+28	548+38
	Homogeneously loaded with TEU of 14 t (0.45 % C.g.) stability for:			
	No. of holds			3
	At design draught (approx.)			700 units
	At scantling draught (approx.)			735 units
Speed:	Service speed (90 % MCR and 15 % sea margin) (approx.)			17.00 kn
Machinery and Equipment:	Diesel			
	Main engine			MaK 8M601C
	Installed power			10,000 kW
	Propeller			CP-propeller, 5 m diameter, 135 rpm
	Aux. engines			3 x approx. 450 kW at 1800 rpm
Miscellaneous:	Classification	Norske Veritas + 1A1, Container carrier, EO		
	IMO number Ratana Sopa	9126924		
Scope of Work:	Design development together with the shipyard			
Ref. No.:	KEH 95056			