

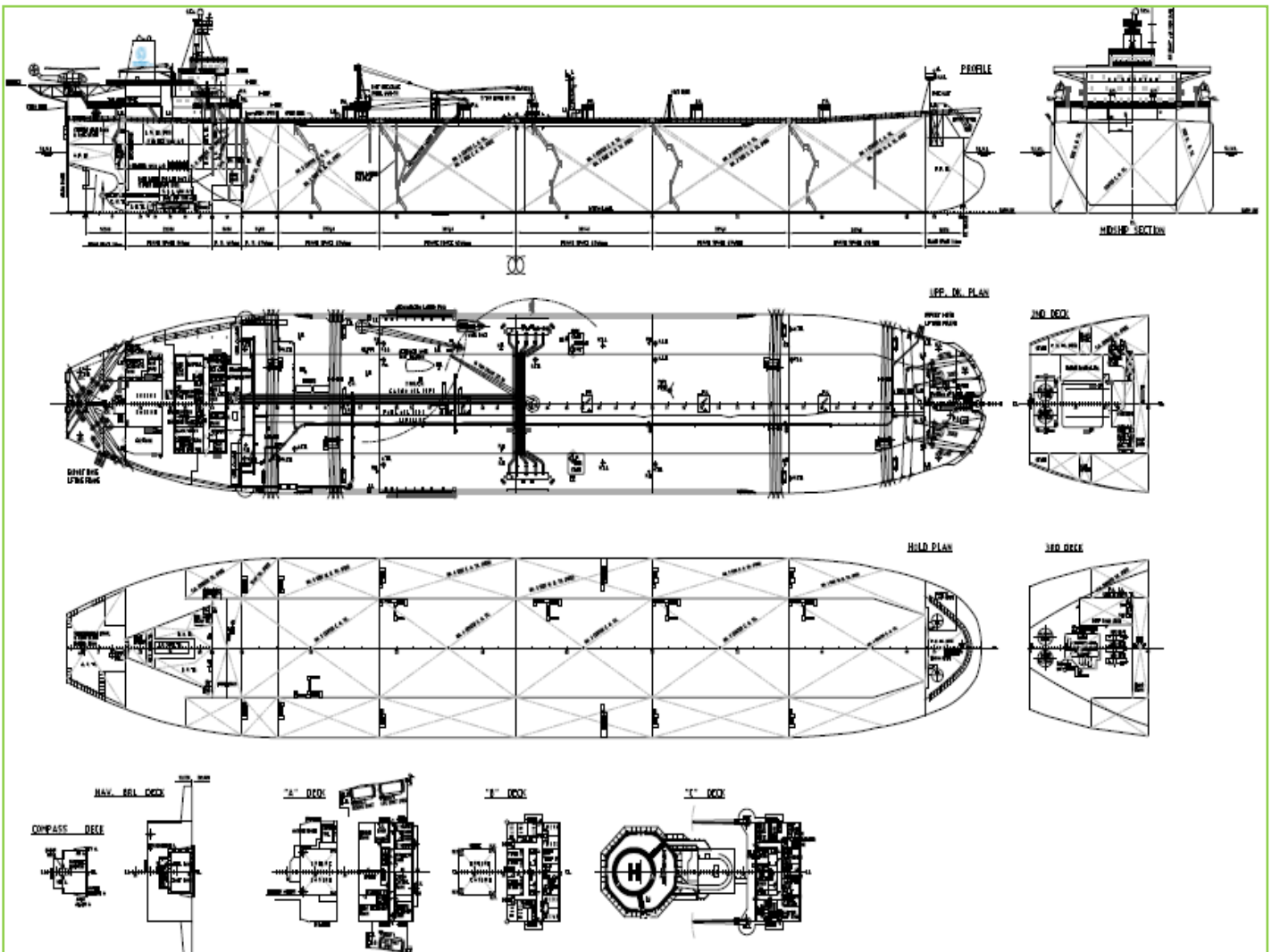


SAROST S.A.

Floating Storage and Offloading vessel **THAPSUS**

Storage Capacity 764.000 Barrels
Cargo pumps 9000 m³per hour
Helideck Dia 16m, Capacity 5.3 T

THAPSUS SPECIFICATION – MARCH 2013



THAPSUS (EX NAME: Karratha Spirit) is a Floating Storage and Offloading vessel. The FSO THAPSUS Length reaches an overall of 257.00 m with a Net Tonnage and Gross Tonnage of respectively 35 989 T and 59 289 T. It is equipped with a Helideck which load capacity is about 5.3 T and its diameter is 16 m. The Pumping capacity reaches 9000 m3 per hour and the storage capacity is about 780.000 Barrels.

Thapsus was built by Hyundai Heavy Industries, CO, Ulsan Shipyard, Korea, converted into an FSO vessel on 2001, and in 2011 it accomplished its dry-docking and upgrading works for class and certificate renewal.

GENERAL INFORMATION

NAME	THAPSUS
VESSEL TYPE	FSO
CALL SIGN	TSNT
EMAIL	thapsus@skyfile.com
TELEX N°	467270810
PHONE N°	+870 773 187 791
FAX N°	+870 773 187 791
OWNER	SAROST S.A.
OPERATOR	SAROST S.A.
FLAG	Tunisian
PORT OF REGISTRY	La Goulette
Registry N°	TG1105
Official number	856 728
IMO ID N°	8613736
MMSD ID N°	672708000. RADIO ACC
COMPANY	VIZADA
CLASS SOCIETY	Bureau VERITAS
CLASS ID N°	21047E
BUILDER	Hyundai Heavy Industry.
KEEL LAID	01 July 1987
DELIVERED	01 February 1988
DATE NAME CHANGED	19 March 2011
LAST DRY DOCK	12 Sept 2011
EX NAME	Karratha Spirit

MAIN DIMENSIONS

Main deck to Center of Manifold	1.55 m
Manifold flange to ship side	4.50 m
L.O.A	257.00 m
Distance BridgeRIDGE-Bow	203.00 m
L.B.P	234.00 m
Moulded Beam	42.67 m
Distance Bridge-Stern	41.00 m (52.5 m- helipad)
Distance Bridge Manifold	80.60 m Center Man.
Distance Manifold –Bow	122.40 m Center Man.
Moulded DepthEPH	21.50 m
Distance Manifold –keel	23.35 m Center man.
Dist.Keel-Mast	48.95 m
Parrallel Body at Ballast	142 m
Minimal propeller immersion	7.40 m
TONNAGES:	
INTERNATIONAL SUEZ	
GT	59.289 64.826 M/T
NT	35.989 59.230 M/T

Loadline information	Freeboard	Draught	Deadweight	Displacement
Tropical	4.552 m	14.986 m	109482 M/T	125442 M.T
Summer	4.857 m	16.680 m	106 672 M/T	122632 M.T
Winter	5.162 m	16.375 m	102239 M/T	119840 M.T
lightship	19.127 m	2.410 m	-	15.960 M.T
Ton per Cm Immersion		91.8 M/T		

CARGO TANKS CAPACITY(98%)	121 515 M3 (764 245bbis)
BALLAST TANKS CAPACITY	39.937 M3
BUNKERS-HFO CAPACITY	4157.6M3(98%).
Mgo capacity	356 M3 (100%).
MAXIMUM CARGO SEGREGATION=3.	

BUNKERS DAILY CONSUM –HFO	30 M/T (ME& AE @NAV).
MAIN ENGINE	B&W 6S60MC.
	12440BHP@89.0 RPM
GENERATORS	3 Diesel Generators x 680 KW

CARGO PUMPS CAPACITY	3 X Steam, Centrifugal, self priming 3000 M3/H- 1540 RPM at 150 mtrs head.
STRIPPING PUMP CAPACITY	1 X STEAM, Reciprocating, 300 M3/H on 25 STROKES AT 150 mtrs head.
BALLAST PUMPS CAPACITY	2 X Electric, centrifugal, 2000 M3/H at 20 mtrs head.
EDUCTOR CAPACITY	1 X 150 M3/H (Ballast) Fire & GS pump driven. 1 X 400 M3 /H (cargo), 2 nos AUS VACUUM PUMP.

Import manifold:	1 x 8''	Export manifold	1 x 16''
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Heating coils:	Alu- brass in all COT's, from 44°C to 66°C in 96 hrs.
Max. loading/ unloading temp.	75 °C.
Max. continuously heating temp.	70°C.
NBR dresser packing /seat ring :	less than 70 °C
FPM (Viton) dresser packing/seat ring :	less than 70°C
COT pipeline pure epoxy:	less than 60°C.
COT PIPELINE TAR EPOXY:	less than 65°C.

CRANES:	
Manifold service crane SWL:	1 x 15 T
Offshore operations crane =	1 x 15 T
Provision crane (aft) =	2x 5 T
HELICOPTER = FULL APPROACH LANDING PAD	

For Further information, please contact:
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