



TRIPNAVI S.p.A.

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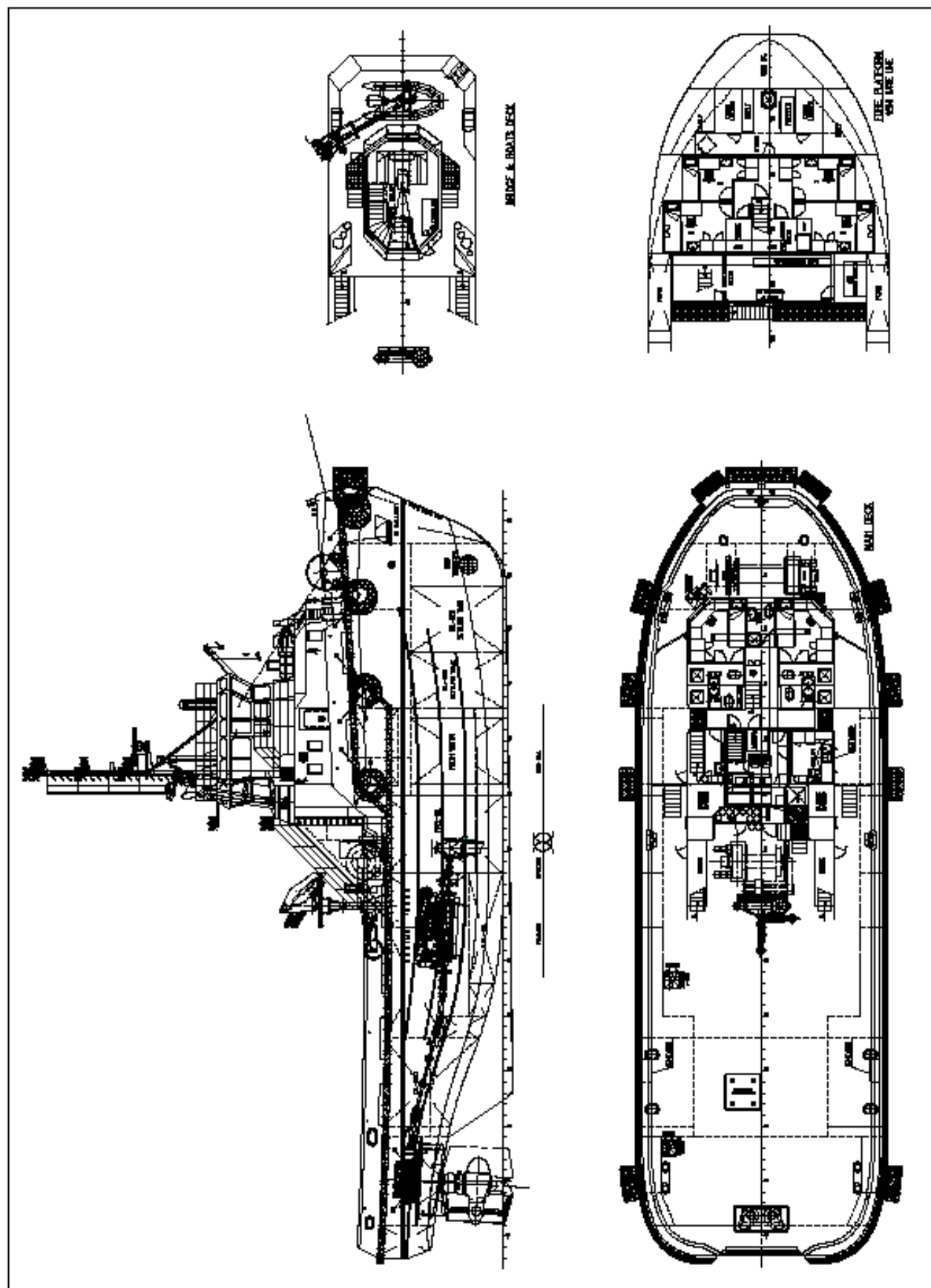


“SPICA”

ASD TUGBOAT

GENERAL

Flag : Italian - Port of Registry : Trieste
IMO N° 9438951 - Call Sign. : IIFJ2
Builders : Astilleros Armon Navia (Spain)
Year / N° of Construction : 2007 / C-641



Sludge 5 cum

N° 1 Rescue Boat VALLANT RB400
N° 1 Outboard Motor : MERCURY 25HP

CLASS

Bureau Veritas
TUG - FIFI 1 - OIL RECOVERY SHIP
AUT-UMS - AUT-PORT
Navigation : Unrestricted

MAIN DATA

Gross Tonnage	498 GT
Net Tonnage	149 NT
Length Overall	35,0 mts.
Beam Moulded	11,2 mts.
Depth Moulded	5,4 mts.
Maximum Draft	4,9 mts.
Air Draft	20,0 mts.
Max Speed	14,0 Kn
Bollard Pull	Max 71 T

ENGINE

Main Engine	N.2 CATERPILLAR 3516
Power	2 x 2026 kW at 1600 rpm
Aux Gen.	N.2 CATERPILLAR C9
	2 x 150 kW 380V 50 Hz
Port Gen.	N.1 CATERPILLAR 3056
	93 kW 380 V 50 Hz
Shaft Gen.	150 kW 380 V 50 Hz

PROPULSION

No.2 Azimuth Thrusters CPP
SCHOTTEL SRP 1515
No.1 Bow Thruster
SCHOTTEL STT 110 200KW

CAPACITIES

Fuel Oil	183 cum
Lub Oil	13 cum
Fresh Water	43 cum
Ballast Water	66 cum
Foam	15 cum
Rec-Oil / Fuel Oil	267 cum
Sewage	3 cum

TOWING EQUIPMENT

N° 1 Hydraulically Driven Stern
Towing Winch BI-KATEAK N°1 Drum
700 mts. Galv.IWRC Dia.52 mm.
Brake 130 T

N° 1 Hydraulically Driven Bow
Towing Winch BI-KATEAK N°2 Drums
2x100 mts. Synthetic Rope Dia. 96 mm.
Brake 130 T

N° 1 Spare wire Hydraulically driven winch
N° 1 Drum 700 mts. Galv.IWRC Dia.52 mm.

Towing Pins KARMOY 130579

Towing Hook FERRI 1514 75 T

WINDLASS AND ANCHORS

N° 1 Hydraulically Driven Windlass
BI-KATEAK
N° 2 Anchors
N° 5 Chain Lengths per Side Dia.22 mm.

NAVIGATION/COMMUNICATION AREA A3

N° 1 Gyro Compass SIMRAD GC-80
N° 1 Radar FURUNO FAR 2117 24 Kw
N° 1 Radar FURUNO FAR 2117 12 Kw
N° 2 GPS FURUNO GP-150
N° 1 Automatic Pilot SIMRAD AP-50
N° 1 Echo sounder FURUNO FE700
N° 1 Log FURUNO DS-80
N° 1 Anemometer FURUNO RD-30
N° 1 NAVTEX FURUNO NX-700
N° 2 Radar Transponders SIMRAD SA50
N° 1 EPIRB MCMURDO E3
N° 2 Inmarsat Standard "C" FELCOM 15
N° 1 Mini M T&T TT 3064
N° 1 SSB FURUNO FS1570
N° 2 VHF FURUNO FM8800
N° 3 VHF GMDSS ICOM GM1600E
N° 1 AIS FURUNO FA-150

MOB

FIRE FIGHTING

N° 1 Main Pump KVAERNER
Capacity : 2.700 cum/hrs
N° 2 Remote Controlled Monitors
Water/Foam With Fog / Spray / Jet Set
Self Protection : 300 cum/hrs

LIFTING GEAR

N° 1 Hydraulically Driven Deck Crane
PALFINGER PK 32080M
SWL 2260 kg @ 12 mt

ACCOMMODATION

Accommodations Fully Air Conditioned
Total Capacity : 10 Persons
N° 2 Single Rooms with WC And Shower
N° 4 Double Rooms with Basin
N° 3 Bathrooms with WC And Shower

REC-OIL

N° 6 Settling Tanks
Tot. capacity 175 cum
N° 2 Accumulation Tanks
Tot. capacity 92 cum
N° 2 REC-OIL Pumps : 30 cum/hrs each
N° 2 Booms : 6 mts. long with sprinklers
N° 1 Dispersant Pump

SEWAGE TREATMENT

N° 1 FACET STP – 0,5 (0,56 cum/day)

FRESH WATER PRODUCTION

N° 1 Reverse Osmosis Plant
3,2 cum/day

REMARKS

Multipurpose Powerful Tug
Similar to a Mini Supply
High Manoeuvrability
FIFI 1 and Antipollution Systems
Total aft free deck Area 150 sqm. (15 x 10)
Suitable as Multi Role Vessel for
Offshore Services