

JIF CHALLENGER

DP11 & 4 POINT MOORING VESSEL - FIFI 1



GENERAL

Type:	Multipurpose Vessel
Building year:	2014
Model:	Eurocarrier 3413
Classification:	BV 1 ? HULL • MACH unrestricted navigation (Dynapso AM/AT) Special service/Support vessel & FIFI, water spraying special service
Flag:	French
Port of registry:	Marseille
MMSI n°:	228074700
IMO n°:	9732735
Call sign:	FIYA
DP:	2

DIMENSIONS

Length O.A. (m):	34
Beam O.A. (m):	13
Draft min. (m):	3
Tonnage:	499 (ums)
Bollard pull (T):	38
Clear deck area (m2):	236
Total cargo deck (T):	245
Cargo deck load (T/m2):	8,5



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DETAILED SPECIFICATIONS



CAPACITIES

Fuel capacity (m3):	220
Fresh water (m3):	87
Sewage tank capacity (m3):	17
Dirty oil tank (m3):	3,5

CONSUMPTION (depend on weather)

Max. speed cons. (L/h):	470
Cruising speed cons. (L/h):	150
Towing speed cons. (L/h):	170
Stand-by cons. (L/h):	21
DP mode cons. (L/h):	83

DECK MACHINERY

Hydraulic crane FWD:	HEILA HLRM 340-2S
Hydraulic crane AFT:	HEILA HLRM 230-4SLK
Shark jaws:	200 tonnes
Towing winch (T):	50
Towing pins (T):	115 / 35
Tugger winch (T):	2 x 15
Mooring winch (T):	4 x 7
Moonpool:	Yes
Boat landing:	Yes
Anchor handling winch (T):	125
FIFI:	Yes

COMMUNICATION

VHF:	3x DSC VHF GMDSS
AIS:	Furuno FA-150
VSAT:	Salor 900 VSAT

VARIOUS

HEAT AND AIR-CONDITIONING SYSTEM, WI-FI client office with WIFI and network connections to bridge

MACHINERY

Main engine:	Caterpillar 3512: 2 x 1140 kW @1800 RPM
Max speed (kts):	10
Cruising speed (kts):	8
Towing speed (kts):	Depend on weather and towing type
Main thrusters:	Well Mounted Azimuth Propulsion Thrusters (Z-Drive) / Type ZF AT 6111
Bow thruster:	Shallow Draught Thrusters (L- Drive) / type ZF SDT 4010
Stern thruster:	Yes

CONTROL & NAVIGATION

Sounder:	Furuno GDS-101
Set radar:	Furuno FAR-2117x2
Autopilot:	Integrated DP System
GPS:	Furuno GP-150D
DGPS:	2x FUGRO
Gyrocompass:	3 x Anschütz - STD 22 Type 110 -233
SART:	JORTON Tron SART-20
DP System:	Easy DP2 SIREHNA

POWER SUPPLY

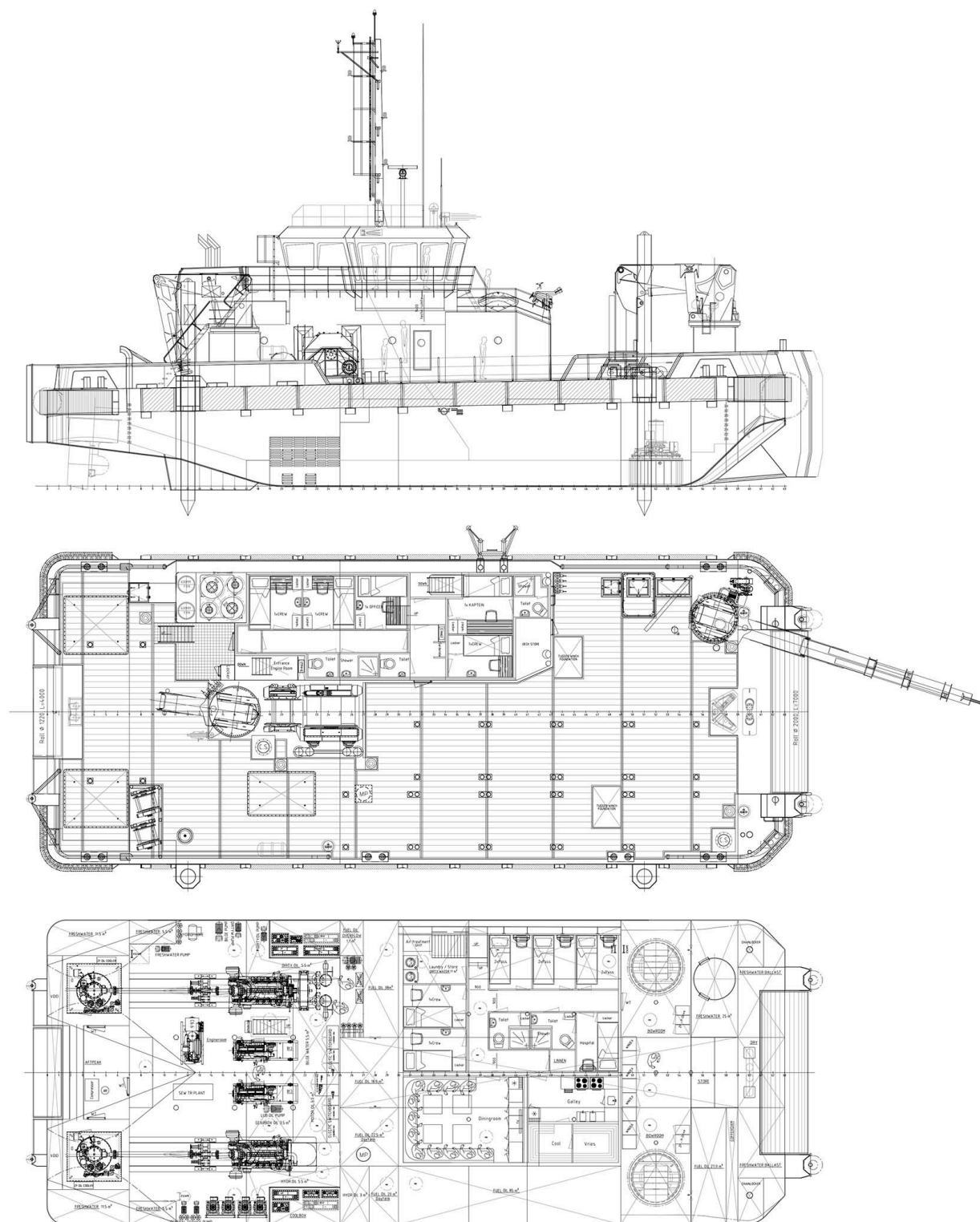
Generator set:	2 x 350 KVA Caterpillar C18 1 x 150 KVA Caterpillar C6.6
Electric system (V):	24 / 220 / 400
Air compressor:	5 000 L/H -10 BARS
Hydraulic generator:	Power pack 2 pompes 164 / min / 280 bars + 2 pompes 148 l / min / 310 bars

ACCOMODATION

POB:	19
Cabins:	3x1 / 8x2

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GENERAL ARRANGEMENT



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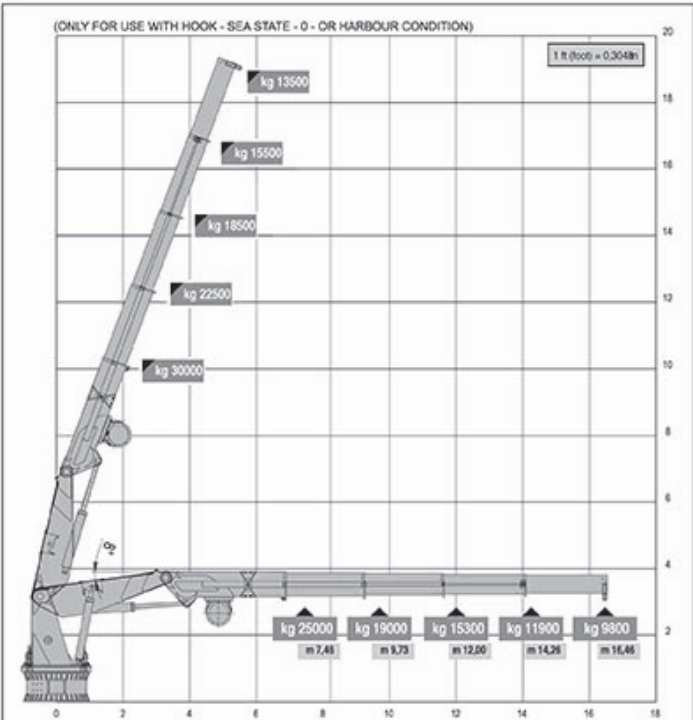
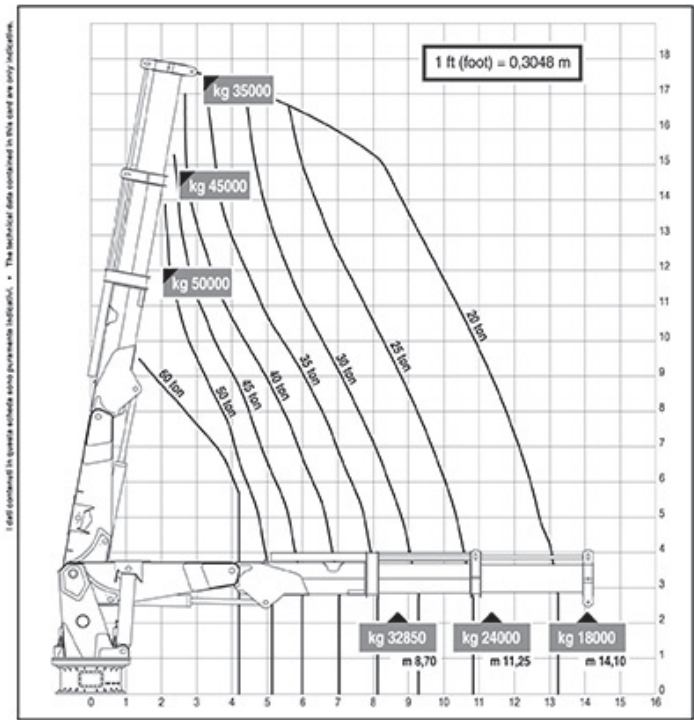
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CRANES SPECIFICATIONS



Jif Challenger FWD Cranes HLRM 340-2S :

Jif Challenger AFT Cranes HEILA HLRM 280-3SL - 5T Winch



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