

DP II OFFSHORE CONSTRUCTION SUPPORT VESSEL

ATLANTIC SUPPORTER

OFFSHORE DIVING AND CONSTRUCTION • CABLE LAYING • ROV • SURVEY • DEEP WATER DRILLING



Builder:
Verlsted AS, Norway

IMO No:
7424786

CallSign:
D5LV4

Flag:
Liberia

Class:
Rina C Supply Vessel

SUPPORTING OIL, GAS & OFFSHORE RENEWABLES SECTORS



ATLANTIC MARINE
OFFSHORE & SUBSEA SERVICES



ATLANTIC SUPPORTER

TECHNICAL SPECIFICATION

Type: UT 705 Extended version 1985

Flag/Classification:

Flag: Liberia

Port of Registry: Monrovia

Classification: RINA C Supply

Vessel, Unrestricted navigation

Additional Class notation AUT_UMS; DYNAPOS AM/AT R

Deck machinery:

Hydramarine (2005) HMC 3292 LKO

250-17 single wire knuckle crane of

50 tons of 17 mt (passive heave

compensated - constant tension

system) fitted with a 2000 mt wire

Man riding crane

1 x 68Tm Knuckleboom at stern

2 x 2.5T Stores crane

Main particulars:

Vessel Built Apr.	1976 Smedvik Mek Verlsted AS, Norway
Vessel Converted	1979/1985/1992/2005
LOA	90,52m
Breadth moulded	18,00m
Depth moulded	7,10m
Draft max	4,50m
GT/NT	3186/955 t

Moonpool: 3.25 x 3.20 m

Performance:

Maximum Speed 12 knots

Crossing/ Service speed 10 knots

Fuel consumption (subject to prevailing weather)

Full Speed	abt 12 Tonnes / Day
Service Speed	abt 10 Tonnes / Day
DP Mode	abt 9 Tonnes / Day
In Port	abt 1 Tonnes / Day

Capacities:

Deck Cargo	1500 t (VCG 8.05m ABL) subject stability
Deck strength	5t/M ²
Deck space	1,000 sqm
Gasoil	1300 cbm
Fresh water	1000 cbm

Dynamic Positioning System:

Alstom 902 dual redundancy DP11

Machinery:

Main Engines	2 x MAK 453 AK 2000 BHP each (total 4000 BHP)
Propulsion	aft - 2CPP
Bow Thruster(s)	2 x Ulstein 90 TV 500 BHP each
Stern Thruster(s)	2 x Ulstein 150 TV 800 BHP each
Compass Thruster Forward	1 x Azimuth Ulstein VROS 230 1000 BHP
Main Generators/Shaft	2 x 1100 kVA each

Reference system:

1 x Fanbeam Interface (Not fitted)
2 x DGPS FUGRO
1 x Taut Wire
1 x USBL Kongsberg HIPAP 500
Starfix (optional)

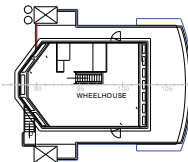
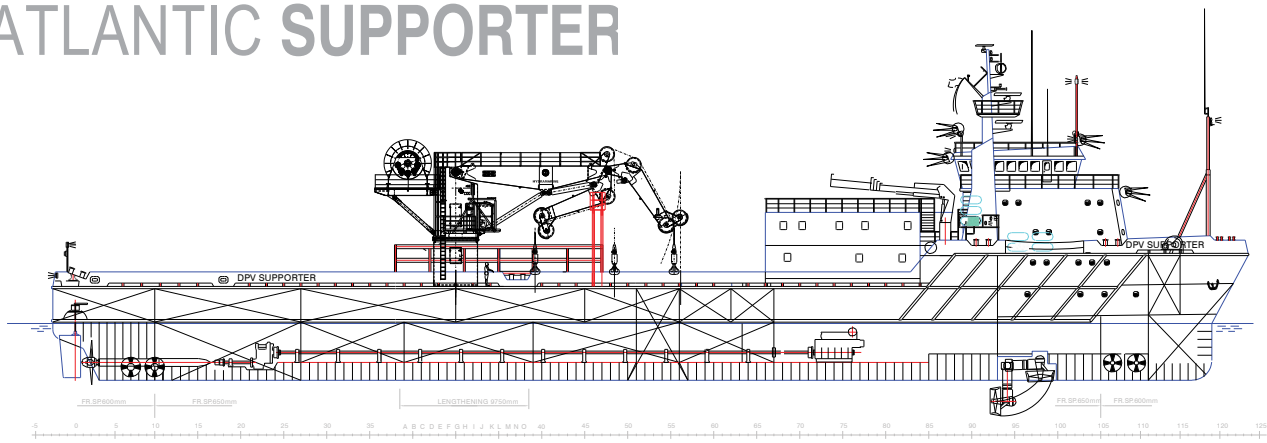
Auxiliary machinery:

Auxiliary Engine 1	Hedemora V-16A 12 1300 BHP 1200 KVA 440V - 60 Hz
Auxiliary Engine 2	Hedemora V-16A 15 1920 BHP 1750 kVA 400V - 60 Hz
Auxiliary Engine 3	Scania DSI 11 250 BHP 230 kVA
Auxiliary Engine 4	Scania DSI 11 350 BHP 250 kVA
Emergency Generator	1 x Detroit 71 165 BHP 153 kVA

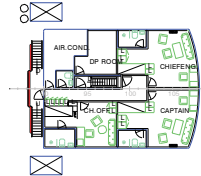
Accommodation: (SPS CODED)

Total berths 53 (plus 1 hospital)
3 x 1 Man cabins
25 x 2 Man cabins
1 x Hospital
Additional accommodation containers (TLQ's)
can be installed to increase by a further
7 x client personnel to 60 POB

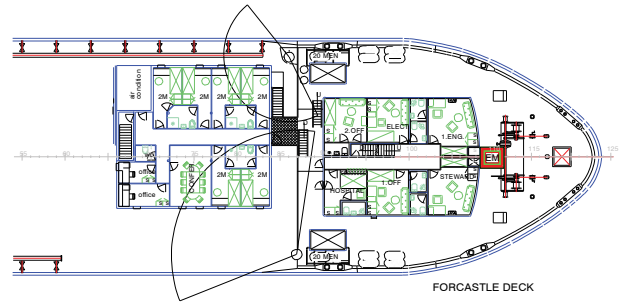
ATLANTIC SUPPORTER



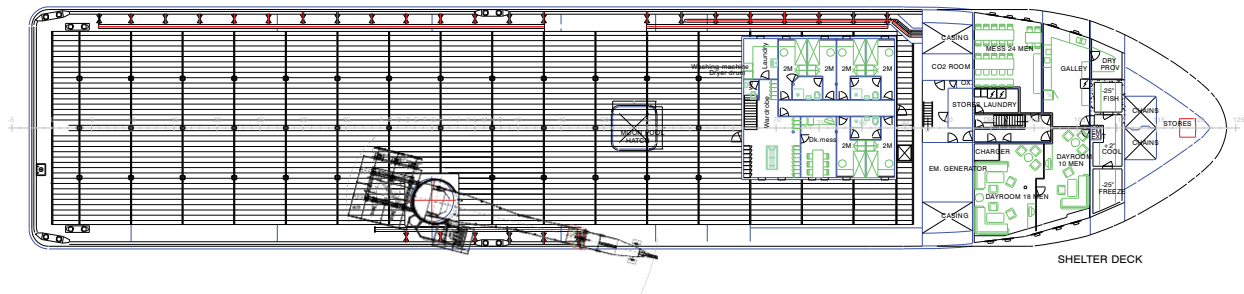
BRIDGE DECK



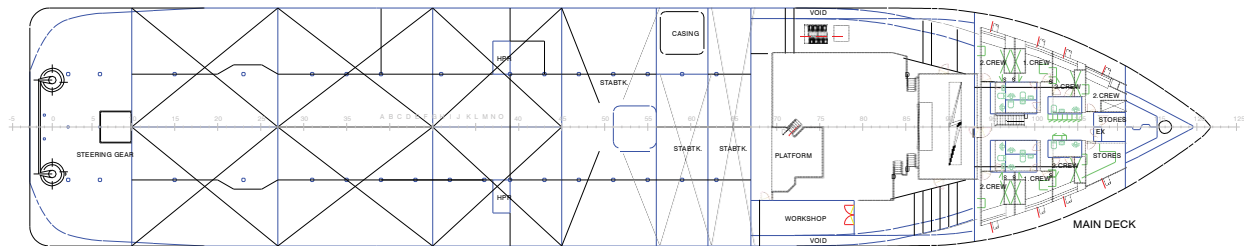
CAPTAIN'S DECK



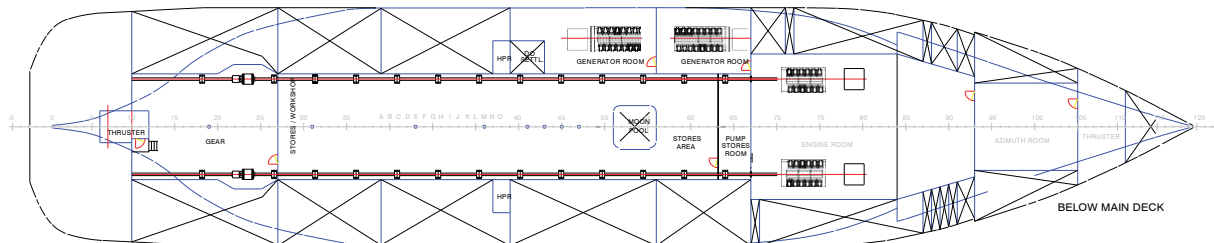
FORCASTLE DECK



SHELTER DECK



MAIN DECK



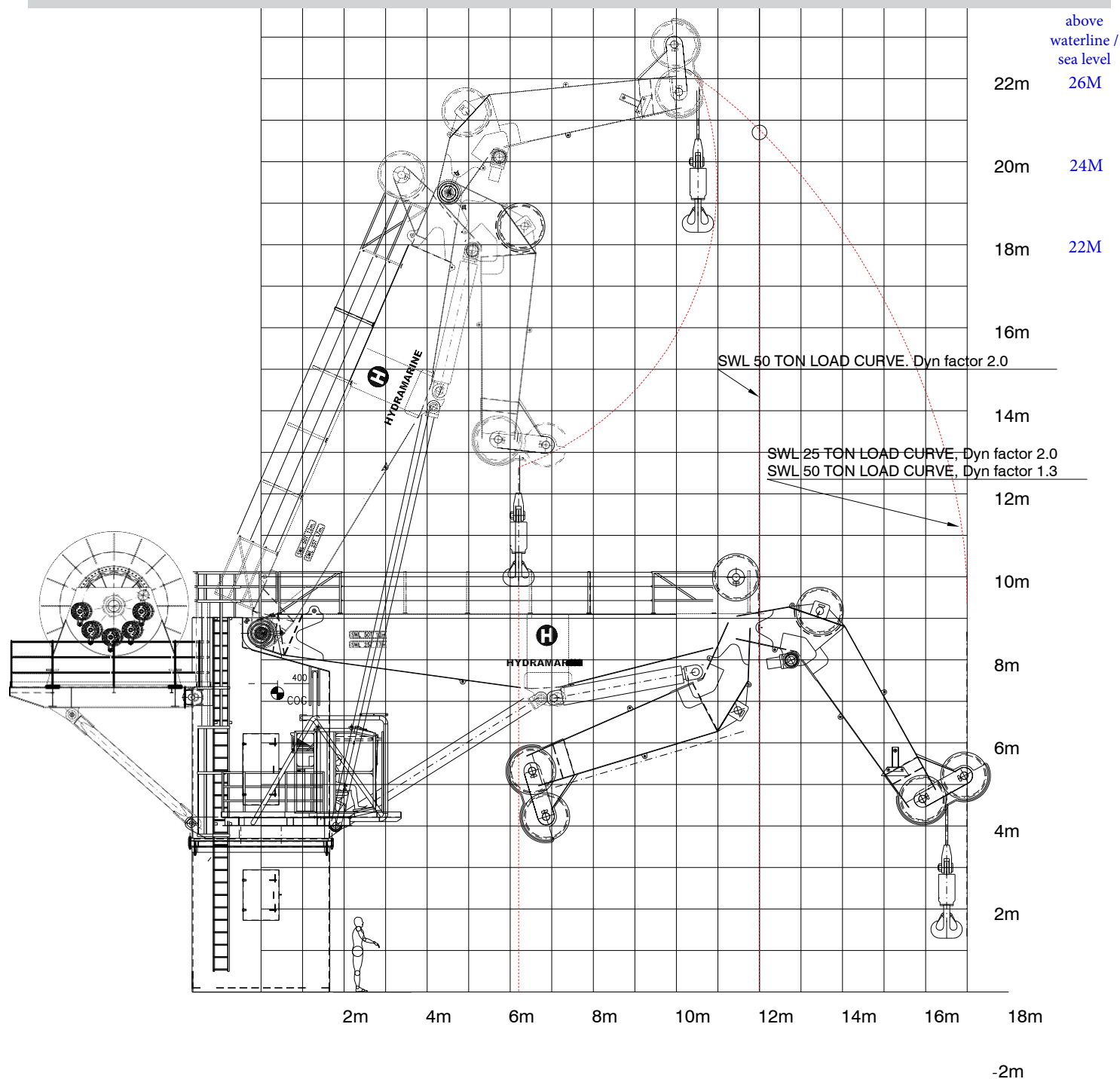
BELOW MAIN DECK



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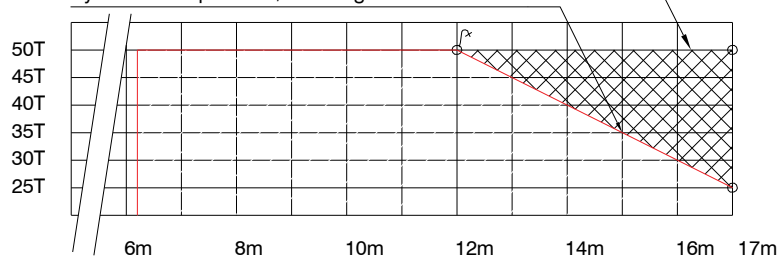
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TECHNICAL SPECIFICATION HYDRAMARINE



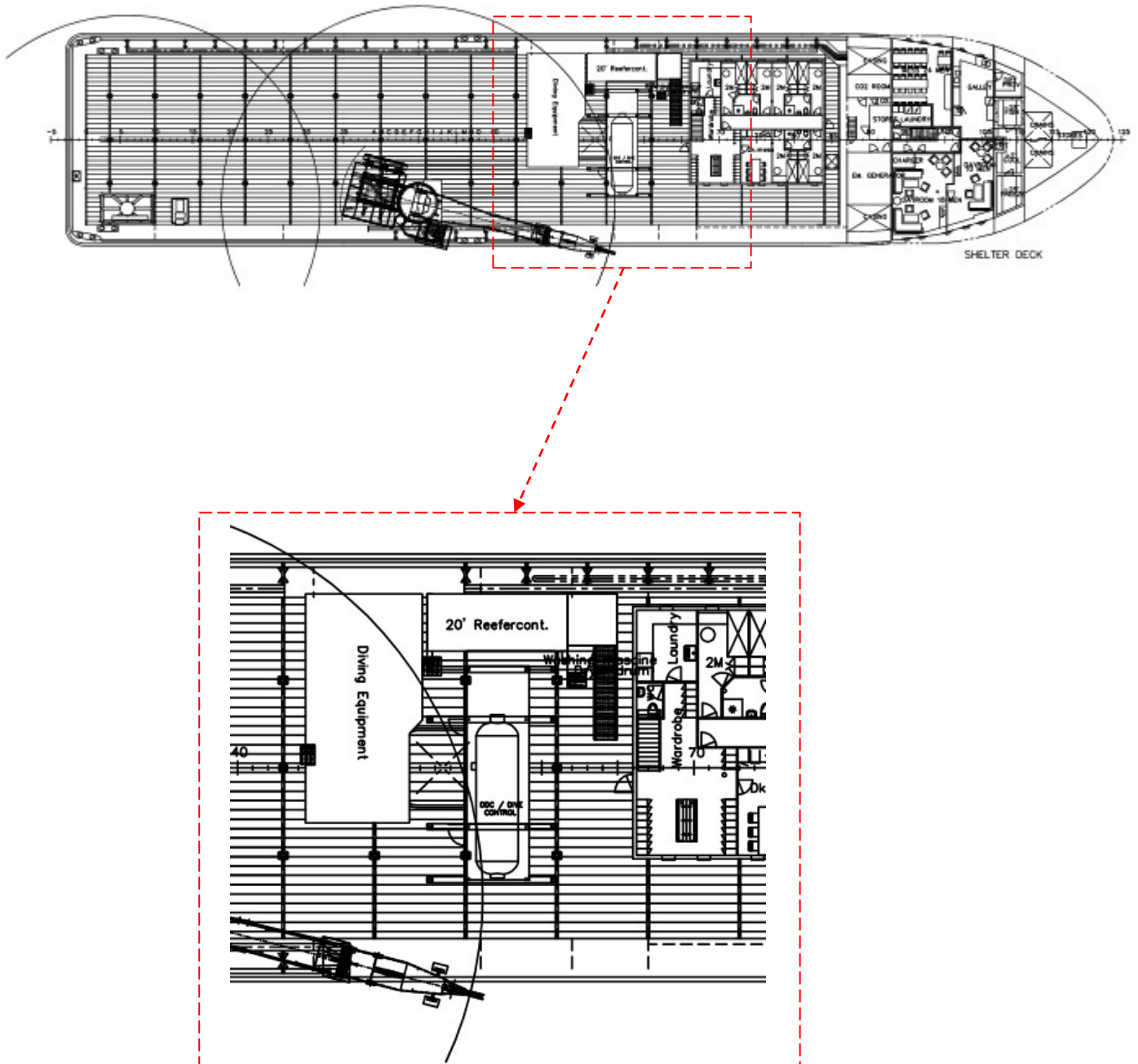
SWL 50 tons single line up to 17m outreach
Dyn.factor 1.3 CURVE
Dyn.factor on pedestal/slew ring: 2.0

SWL 50 tons single line up to 12 m outreach
Gradually decreasing to 25 tons on 17 m outreach
Dyn.factor 2.0 CURVE
Dyn.factor on pedestal/slew ring: $1.3 \times 2.0 = 2.6$



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TECHNICAL SPECIFICATION HYDRAMARINE



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