

NORMAND JARSTEIN

VESSEL SPECIFICATION SHEET



OFFSHORE SUBSEA CONSTRUCTION VESSEL

Normand Jarstein is a MT6022L Offshore Subsea Construction Vessel built in 2014.

The MT6022L design provides excellent stability and station keeping.

The selection and design of spread, equipment and workspaces, is all based on the objective to perform safe and efficient subsea operations.

Normand Jarstein is a vessel equipped with a 250-ton active heave compensated subsea crane, capable of delivering loads to depths up to 3000 meters and is a versatile and cost effective working platform for a broad range of demanding offshore projects, including pipe and cable laying, subsea construction, surveying and flotel - W2W.

KEY VESSEL FEATURES

- 1230 M² WORKING DECK
- 250 TE AHC SUBSEA CRANE WITH 3000 M WIRE
- 2 X INSTALLER WORK CLASS ROV 95KW/125HP IN HANGAR
- ACCOMMODATION FOR 110 PERSONS
- INTEGRATED LARS HANDLING SYSTEM WITH AHC WINCHES FOR WORK ROV IN ENCLOSED HANGARS
- WEATHER LIMITATION FOR OPERATION OF WROV = 5,0 M HS

GENERAL	
SHIP NAME	Normand Jarstein
DESIGN	MT6022L OSCV
OWNER	Rem Ship AS
BUILT	2014
BUILDER	Kleven Maritime Norway
IMO NUMBER	9686821
SIGNAL LETER	LAWK7

MAIN CHARACTERISTICS	
LENGTH O.A	117,35 m
LENGTH B.P.P.	100,45 m
BREADTH MLD.	22,00 m
DEPTH MAIN DECK	9,00 m
DEPTH SHELTER DECK	11,80 m
MAX DRAFT MIDSHIP	7,05 m

CLASS / AUTHORITIES	
DNV + 1A1 -SF - COMF-V(3) ELDK-SH-E0-DYNPOS AUTR - Naut - AW Clean Design - DK(+) - SPS - ICE C	

SPEED	
MAXIMUM SPEED	~15 knots
ECONOMY SPEED	12 knots

TONNAGE	
GROSS TONNAGE	8377 Te
NET TONNAGE	2513 Te

ACCOMMODATION	
Accommodation for 110 persons, 34 x 1 man cabins, 38 x 2 men cabins	
HOSPITAL	1 off
RECEPTION	1 off
MESS- ROOMS	50 seats
DAYROOMS	3 off
Gymnasium / Conference rooms / Lounge / Sky Lobby / Reception / Hospital/ Offices/ Luggage store	

MOON POOL	
1 off MoonPool removable flush hatch, 7,2 m x 7,2 m	

CARGO CAPACITIES	
DEADWEIGHT AT MAX DRAUGHT	6674 Te
DECK STRENGTH	10 Te/m ² (except on top of moon pool hatch - 5Te/m ²)
MAIN DECK	1230 m ²
REMOVABLE BULWARK SB	approx. 15,6 m
FOLDABLE BULWARK PS	approx. 15,6 m
REMOVABLE BULWARK ASTERN	approx. 15,6 m

CARGO TANK CAPACITIES	
DIESEL OIL	1650 m ³
FRESH WATER	1 200 m ³
WATER BALLAST INCL. AH TANKS	5790 m ³

MAIN ENGINES GENERATORS	
5 OFF CATERPILLAR 3516TA C	each 2230 ekW (Main)
1 OFF CATERPILLAR 3512TA C	1700 ekW (Harbour)
1 OFF VOLVO PENTA D16C-A MG	390 kW (Emergency)
MAIN POWER PLANT MONITORING KONGSBERG AIM IAS	

MAIN PROPELLERS - AZIMUTH THR.	
2 OFF 2 X AZP 120 FP	2 x 3250 eKW
PROPULSION DIESEL ELECTRIC	

THRUSTER FORE BODY	
2 OFF TUNNEL THRUSTER FP	each 1 500 kW
1 OFF FP RETRACT. THRUSTER	1200 kW

WINCHES / CRANES	
OFFSHORE CRANE AHC	1 off TTS GPOKac 8000 - 250 T AHC with 3000 m operation depth
CAP. AUX WINCH AHC	20 Te @ 7-36 m, 2500 m operation depth with man riding
2 OFF MOORING WINCHES	AFT NDM 12 Te
2 OFF HVB200 NDM	20 Te on forecastle
2 OFF CRANES TTS GPK	150 - 5 Te / 2-18 meters

NORMAND JARSTEIN

RESCUE EQUIPMENT

2 off 70 pers. Umoe Schat Harding KISS 800 Lifeboats

2 off 50 pers. Umoe Schat Harding KISS 700 C Lifeboats

1 off 10 pers. Maritime Partner Weed0 700 FRB MOB boat

LIFE RAFTS 6x 25 pers.

SURVIVAL SUITS For 115 persons.

Extent of Lifesaving equipment according to Flag state requirements and ISPS

ANTI HEEL SYSTEM

PUMP 3 x 2200 m³/ h

2 OFF PASSIVE ROLL-DAMPING TANKS

CONTROL ROOMS / OFFICE

TWEEN DECK Operation station for machinery in Switchboard Room

MAIN DECK Deck Office, Engine Control Room

BOAT DECK ROV control, Server room, ROV Office, 8 offices, 1 off Conference room

CAPTAIN DECK Ship's Office/Conf.room

NAVIGATION EQUIPMENT

NAVIGATIONAL GPS 2 x Furuno GP-150

10 CM RADAR 1 x Furuno FCR 2839S

3 CM RADAR 2 x Furuno INS Chart radar FCR-2829

ECDIS 2 x Furuno INS Chart

NAVIGATIONAL ECHO SOUNDER 1 x Furuno FE 700

GYRO COMPASS 3 x Sperry Marine Navigat X MK 1

SPEED LOG 1 x Furuno DS - 60

AUTOPILOT 1 x Furuno FAP-3000

AIS 1 x Furuno Universal AIS FA-150

VOYAGE DATA RECORDER (VDR) 1 x Consilium

HELICOPTER DECK

Certifications Certified to CAP437, BSL D 5-1 & HCA requirements for offshore helidecks

VAR Relative & true wind

HEIGHT OF INSTALLATION 22.00 m

HELIDECK D VALUE 20,88m (Norwegian sector 26,1m)

P/R/H CATEGORY Cat C

MAX WEIGHT 16 t

DP SYSTEM

DP CLASSIFICATION DNV DYNPOS-AUTRO (Class 2)

MANUFACTURER Kongsberg Maritime

TYPE K-Pos DP-22

ERN NUMBERS 99.99.99.99

DGPS 1 Kongsberg Seatex DPS 232 (DPS700)

DGPS 1 - CORRECTION SIGNALS IALA, Spotbeam 1 & 2, XP, DGPS 464 #1 & #2

DGPS 2 Kongsberg Seatex DPS 132 (DPS700)

DGPS 2 - CORRECTION SIGNALS IALA, Spotbeam 1 & 2, G2, DGPS 464 #1 & #2

RADIUS Kongsberg Seatex Radius 1000, Triple Interrogators

HIPAP 1 x Kongsberg HiPAP 501 (Prep. for install 2nd HIPAP)

TAUTWIRE Bandak Light Weight Tautwire Mk 15

SPOTTRACK Spottrack

GYRO 3 x Sperry Marine Navigat X Mk 1 and 1 x Seapath 200

WIND SENSORS 2 x Gill WindObserver II Ultrasonic Anemometer

VRS 3 x Kongsberg Seatex MRU-5 + 1 x MRU-2

TAUTWIRE Bandak Light Weight Tautwire Mk 15

CONSUMPTIONS

MAX SPEED 32-25 m³/d

SERVICE SPEED 18 m³/d

DP 8 m³

IN PORT 2 m³

ROV HANGAR

DIMENSIONS APPROX. 19,7 m x 6,93 m

HANGAR DOORS WROV HYDRAULIC 3 part doors. 2 part hinged up, 1 down.

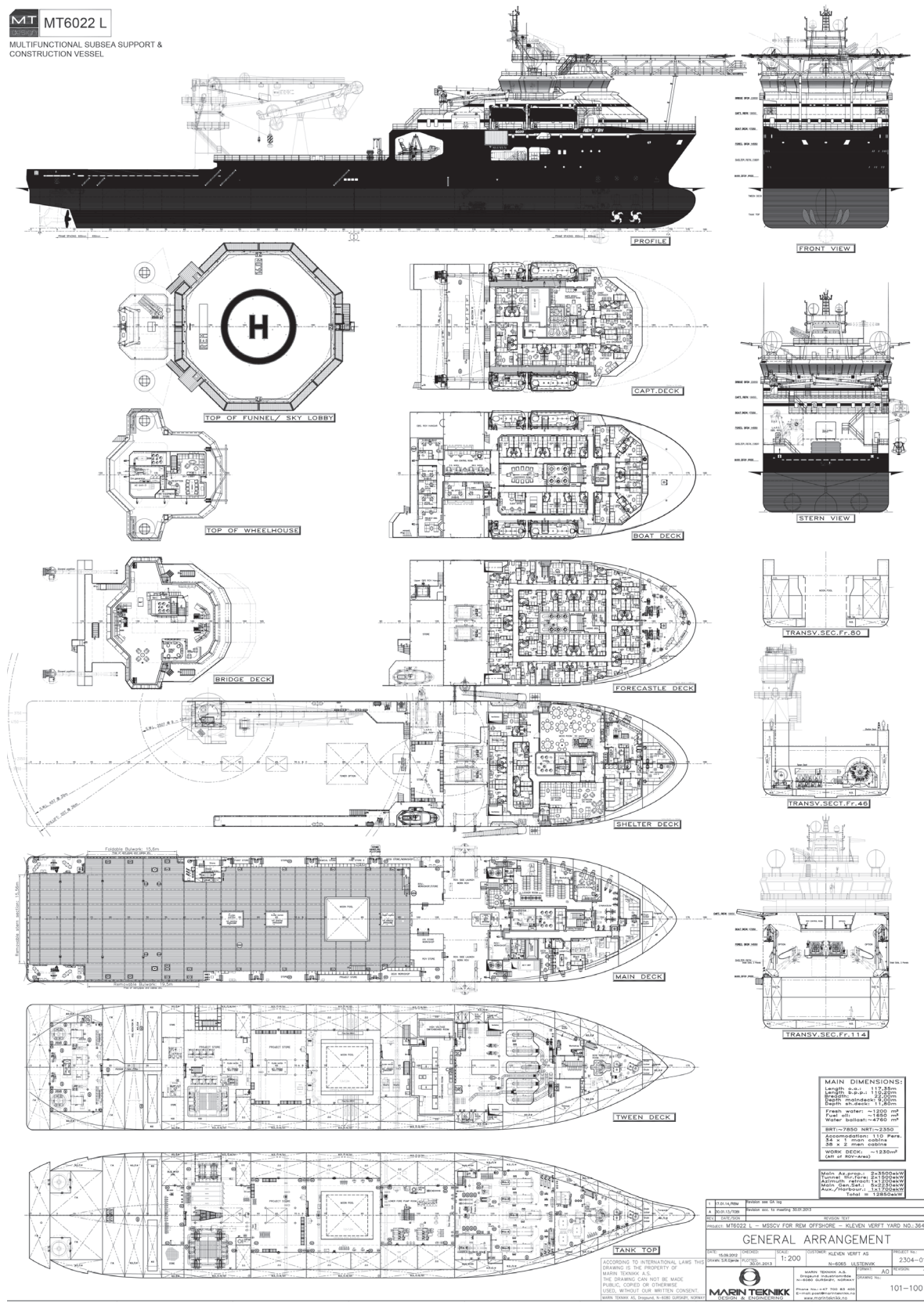
LARS 2 x Rolls Royce LARS system installed for WROV stb and ps. Electric operated winches with AHC. Aframes with dual tilt and skidding pallet.

CRANE STARBOARD SIDE HANGAR 1 x Toimil Marine T-045M/2 (2,5- 6,85m)

CRANE PORT SIDE HANGAR 1 x Toimil Marine T-045M/2 (2,5- 6,85m)

AIR SUPPLY 7 bar / 300 m³/h

Details are believed to be correct but not guaranteed.



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