

OFFSHORE SURVEY & ROV

VESSEL | OLYMPIC DELTA



M/V OLYMPIC DELTA

SHIP DATA



TYPE OF VESSEL

DP2 Survey & ROV Vessel

SPECIFICATIONS

Flag: Norway
Port of Registry: Fosnavaag
Call Sign: JWOH3
IMO No: 9745768
Class: DNV + 1A1
Class Notation: 1A1 SPS Clean(Design) COMF(V-3)
 Crane DK(+) DYNPOS(AUTR)
 E0 HELDK(S,HIce(CNAUT
 (OSV(A)) SF

BUILDER AND DIMENSIONS

Builder: Kleven Verft AS
Date of build: 07.2015
Hull No: 378
LOA: 92.55 m
Beam: 19 m
Summer draft: 6.3 m
Gross tonnage: 5395 t

PERFORMANCE

Service speed: 11.4 kts
Max speed: 13.5 kts

BUNKERS

Fuel: 1300 m³
Freshwater: 730 m³

PROPULSION

Total output 3000 kW
Single 4 blades Controllable Pitch Propeller
Bow Thruster: 2 x 790 kW TT2000 DPN FP
Azimuth Thrusters: 880 kW UL 1201 FP
Stern Tunnel Thruster: 1 X 680 kW TT1850 DPN FP

POWER SUPPLY

Shaft Generators Make: Marelli/Stamford
Aux Generators Make: CAT C3512
EM Generator Make: Stamford

CONSUMPTION

Stand by at port: 3.384 m³/day
DP ROV ops.: 7.200 m³/day
DP Crane ops.: 7.248 m³/day
DP Crane & ROV Ops.: 8.040 m³/day
Service Speed: 11 kts 9.672 m³/day
 12.5 kts 17.616m³/day
Max Speed: 13.4 kts 21.672 m³/day

OFFSHORE CRANE

Type of Crane: GPOKac 2000-80-30 Knuckle Boom Crane
SWL Main: 80 t at 10 m sealift
SWL Aux: 13,5 t at 30 m (subsea)
Main Wire Length: 2500 m
Lift Capacity: 80 t at 10 m (Subsea) Dynamic
 factor 1.3
Main Radius: 5.5 m - 30 m

CARGO DECK

Deck Area: 900 m²
Deck length: 49.2 m
Deck breadth: 18.0 m
Deck cargo capacity (tonnes): 870 t
Height of cargo rail: 1050 mm

NAVIGATION EQUIPMENT

X-band Radar: SAM L3
S band Radar: SAM L3
Autopilot: L3 Track Pilot
GPS: Furuno DGPS GP-190
Echo Sounder: Furuno FE-800
Gyro Compass: Gyro Compass SG Brown
AIS: FA 150

COMMUNICATION EQUIPMENT

VHF: Sailor 6222
Inmarsat B:
Inmarsat C: 2 x Sailor 6006
Helicopter Radio: Icom

ACCOMMODATION

Total number of bunks: 80 persons
Cabins: 24 x single cabins
 28 x double cabins
Gymnasium: 1
Hospital: 1
Dayrooms: 2 (36/4 persons)
Sky-lobby: 1
Mess-room: For 40 persons
Conference room: 1
Operational control room: 1
Heli reception: 1
Offices: 1 x OM Office
 1 x PE office / Offline Room
 2 x Client offices

EQUIPMENT



NAVIGATION AND POSITIONING

| | |
|------------------------------------|---|
| 1x Radar: | Furuno FAR-2137S Arpa-S |
| 1 x Radar: | Furuno FCR-2117 Chart Arpa-X |
| 1 x Radar slave monitor aft bridge | |
| 1 x AIS Transponder: | Fa-150 |
| 3 x Gyro: | Anschutz Standard 22 GGG-R |
| 1 x Autopilot: | Anschutz Adaptive Autopilot. Nautopilot 2025-C |
| 2 x DGPS: | Furuno GP- 150 |
| 1 x VDR: | Furuno VR-3000 |
| 1 x Echo Sounder: | Furuno FE-700 |
| 1 x Echo Sounder: | Furuno FCV- 1200 |
| 1 x Doppler Log: | Furuno DS-80 |
| 2 x Elec. Chart: | ECDIS type TECDIS |
| 1 x Slave Elec. Chart: | ECDIS type TECDIS |
| 1x Navtex Furuno NX-700B | |
| 1x Conning system: | Furuno |
| 1 x Sound Reception System: | VSS-111 |
| 1 x Bridge Watch Monitoring System | |

OFFLINE SOFTWARE

Arc GIS
 Autodesk AutoCAD Map 3D
 CARIS HIPS & SIPS
 Chesapeake SonarWiz
 EIVA NaviSuite
 IXSEA DelphINS
 Oasis Montaj incl UXO Marine
 POSPac MMS
 QPS/IVS Processing Suite
 SMT Kingdom
 TerraPos
 Visual Soft Visual Works
 Wish software Autochart

SUBSEA AND INSPECTION EQUIPMENT

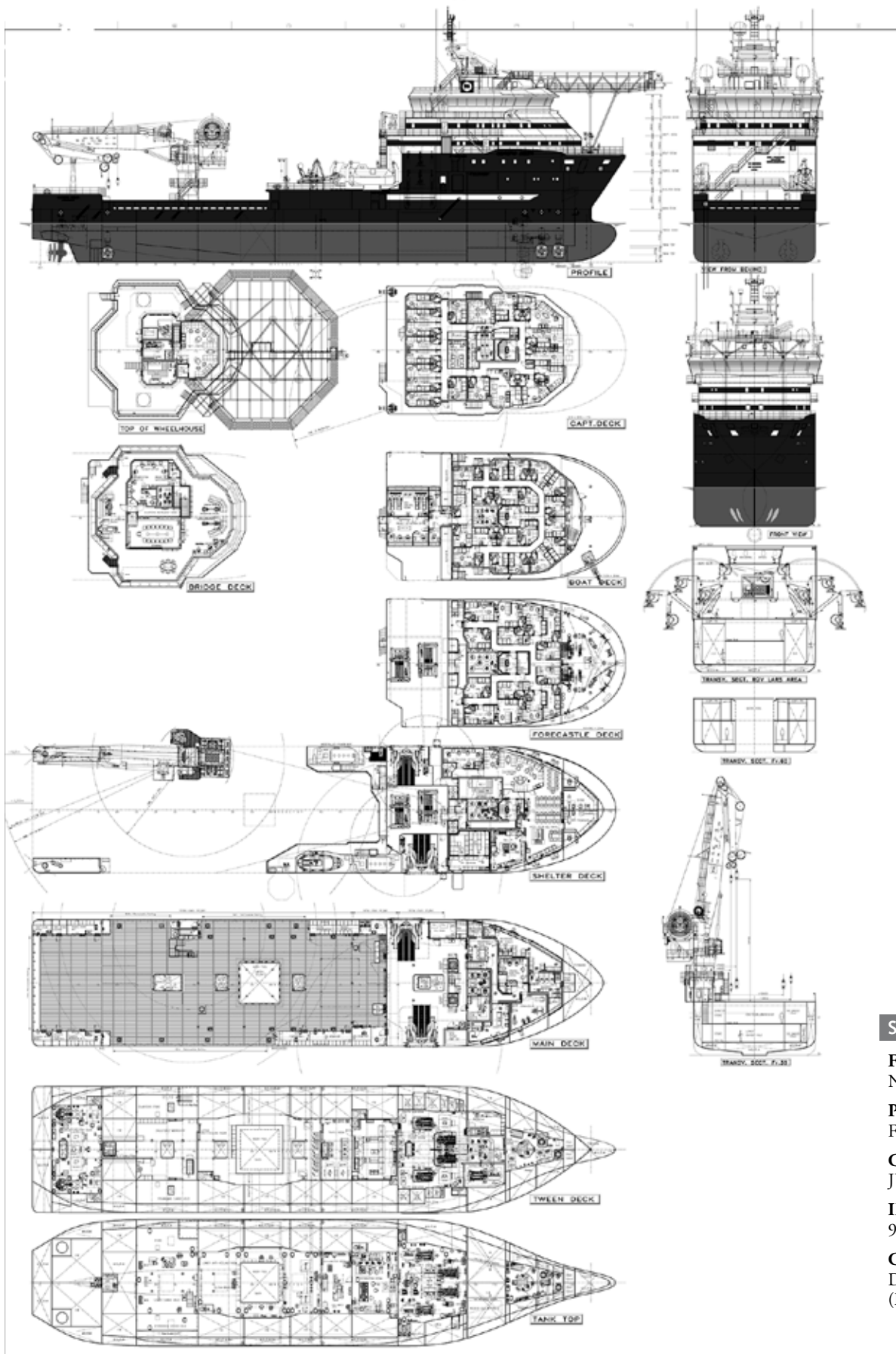
| | |
|----------------------------|----------------------------------|
| SROV: | Surveyor Interceptor |
| WROV: | 2 x Schilling Robotics HD ROV |
| Launch and recovery system | Op. sea state 4.5 m Hs |
| Vibrocorer: | 6/3 m system |
| Corers: | Piston/gravity corer 6/3 m |
| Samplers: | Box corer/Grab sampler |
| Gradiometer: | GMA1000 12 sensor system |
| PCPT: | Neptune 5000 |
| Drop Camera: | Roson R100 MMT HD Drop Camera |

BATHYMETRY AND GEOPHYSICS

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|-------------------------------------|---------------------------------|
| Primary GNSS | Veripos LD6-G with Apex2 |
| Secondary GNSS | Veripos LD6-G with Ultra |
| Primary Vessel Heading & Attitude | Kongsberg Seapath 300 with MRU5 |
| Secondary Vessel Heading & Attitude | Kongsberg Seapath 300 with MRU5 |
| Primary USBL System | HiPAP 502 |
| Secondary USBL (where applicable) | HiPAP 501 |
| Sound Velocity / CTD Sensor | Valeport Midas SVX2 |
| Air pressure sensor | Vaisala |
| USBL responder | Kongsberg cNode |
| USBL transponder | Kongsberg cNnode |
| Primary ROV Heading & Attitude | iXblue ROVINS |
| Secondary ROV Heading & Attitude | iXblue OCTANS |
| ROV INS | iXblue ROVINS |
| ROV Doppler | RDI Workhorse 1200 kHz |
| ROV Depth Sensor | Valeport miniIPS |
| ROV MBES | R2Sonic 2024 Dual Head |
| ROV Altimeter | Tritech PA500 |
| ROV CTD System | Valeport miniCT |
| ROV Stills camera | 5 x Cathx M12-A1000 |
| ROV Flash system | 8 x Cathx Aphas32 |



SPECIAL PURPOSE VESSEL



SPECIFICATIONS

Flag:
Norway

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Fosnavaag

Call Sign:
JWOH3

IMO No:
9745768

Class:
DNV + 1A1
(Det Norske Veritas)