

OFFSHORE SURVEY & ROV

VESSEL | STRIL EXPLORER



M/V STRIL EXPLORER SHIP DATA

LONG TERM CHARTER MMT, OWNER:
MR SUBSEA II AS, C/O SIMON MØKSTER SHIPPING AS.



TYPE OF VESSEL

DP2 Multi Purpose Support Vessel

SPECIFICATIONS

Flag: Isle of Man
Port of Registry: Douglas
Call Sign: 2EBI9
Class: DNV +1A1 General Cargo Carrier
EO-HELDK-S-DYNPROS-AUTR
IMO No: 9484845

BUILDER AND DIMENSIONS

Builder: Westcon, Norway
Date of Build: 2010
Hull No: 33
LOA: 76,4 m
Beam: 16,2 m
Design Draft: 4,75 m
Gross Tonnage: 3650
Net Tonnage: 1090

PERFORMANCE

Service Speed: 10 kts
Max Speed: 12 kts
Fuel Cons.
(Survey Speed): 6 MT/day

LIMITING WEATHER CONDITIONS

Always according to Master's decision.
Indicative Limitations: Wind force 8 (Beaufort scale)
Sea state 5 (WMO sea state code)

BUNKERS

Fuel: 600 m³
Freshwater: 120 m³ + Watermaker

MANNING

Safe Manning Crew: 20

PROPULSION

2 x Schottel Azimuth Thrusters 1200 kW
Bowthrusters: 1 x Tunnel Thruster Brunvoll 800 kW
2 x Retractable Azimuth Thruster,
Schottel 800kW
Station holding capacity, DP class 2

MAIN ENGINES

4 x Caterpillar 3516, Output 4 x 1600 kW

DECK EQUIPMENT

Deck Cranes: 1 x Hiab 3 T provision crane.
Offshore Crane: 1 x Maincrane, TTS Knuckle boom 60 T with 60 T main hook, AHC, 1500 m working depth (optional 2000 m).
10 T whip line, AHC, 1500 m working depth Crane hydraulic power unit (HPU) and 60 T winch installed below deck.
1 x TTS Knuckle boom 10 T deck/diving service crane 100 m working depth.

DECK AREA

Shelter Deck: 523 m²
Main Deck Cargo: 270 m²
Main Deck Hangar: 160 m²
Max Total Deck Load: 1300 T
Max Deck Load: 5 T/m²

Inside Deck Area

(Hangar): Main ROV hangar suitable for 2 x work ROV, launching through hangar port/stb side doors.
Separate deck hangar suitable for 1 x Obs ROV launching through side door.
Project cargo or control containers can be stowed under deck to save space on open deck.

ACCOMMODATION

The vessel is in general certified for 20 marine crew and 50 special Purpose Personnel:

Total No. Beds: 70 berths
Total No. of Cabins: 43
Single Cabins: 16 x 1 man cabins, 5 w/office facility
Double Cabins: 27 x 2 men cabins
Office: 1 x offline room/offices (client)
1 x offline room/offices
inc. 2 off separate offices (client)
1 x decks office (marine crew)
Hospital: 1 x hospital
Other: Conference room, can be open to mess room (marine/client), dirty mess, gymnasium/game room, sauna and outside built in swimming pool,
1 x mess room, 2 x day room

EQUIPMENT



NAVIGATION AND POSITIONING

Approval/Class:	DNV class DYNPOS-AUTR Kongsberg
Reference System:	Two separate DGPS-DPS 700
Primary Positioning System:	POS MV 320 with C-Nav C2, IALA DGPS corrections and RTK option
Secondary Positioning System:	CNAV 3050 with C1 corrections
Optional Positioning System:	Fugro Starfix with XP/HP/ G2 correct
Optional Positioning System:	Crescent Hemisphere with IALA DGPS corrections
Gyro/Motion:	Applanix POS MV 320
Secondary Gyro/Motion:	CDL MiniPos3 (T24)
Inertial Navigation System:	Applanix POS MV 320
ERN Number:	99,99,99
Underwater Positioning:	HIPAP 500
Survey Navigation System:	QPS QINSy
Survey Navigation System:	EIVA OnlineSuite
Sound Velocity Profiler:	Valeport MiniSVS, Valeport Midas SVX2
Hull Mounted Sound Velocity Sensor:	Valeport MiniSVS

BATHYMETRY AND GEOPHYSICS

Multibeam Echosounder:	Kongsberg EM 2040D
Singlebeam Echosounder:	Kongsberg EA 400
2DHR Spread:	Source 2x90 cu in GI gun SEAL Receiver 600/1200m (48/96 channel) Gun Controller EEL Controller

OFF-LINE SOFTWARE

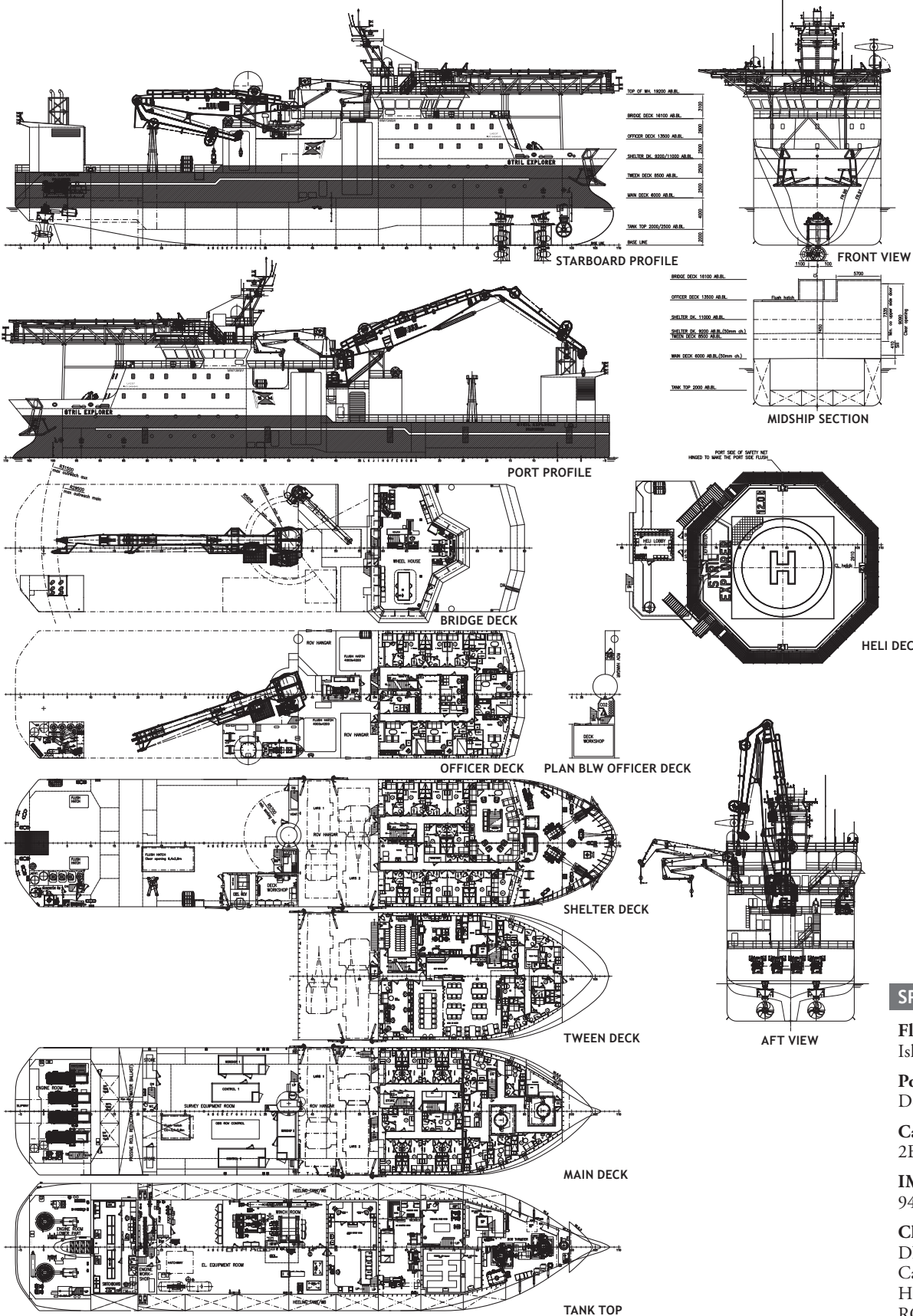
Arc GIS
Autodesk AutoCAD Map 3D
CARIS HIPS & SIPS
Chesapeake SonarWiz
EIVA NaviSuite
IXSEA DelphINS
Oasis Montaj incl UXO Marine
POSPac MMS
QPS/IVS Processing Suite
SMT Kingdom
TerraPos
Triton Imaging
Visual Soft Visual Works
Wish software Autochart

SUBSEA AND INSPECTION EQUIPMENT

SROV Kystdesign Surveyor Interceptor	
WROV Kystdesign Supporter	
Vibrocoring:	6/3 m system
Corers:	Piston/gravity corer 6/3 m
Samplers:	Boxcorer/Grabsampler
Gradiometer:	Innovatum 12 sensor system
CPT:	Neptune 5000
Drop Camera:	MMT HD Drop Camera



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