



AUV & ROV SURVEY & INSPECTION
VESSEL

Argeo Searcher is an effective multipurpose RSV vessel equipped with AUV/ROV with an excellent performance and track record for several O&G clients worldwide since built/updated in 2001/2006



▶ Survey vessel Argeo Searcher

Vessel info

- Length 108,6m x breath 18m
- Class: BV, AUT-UMS, HEL, DYNAPOS-AM/AT-R
- Long endurance diesel electric propulsion
- OSM Thome Management
- Capacity for 65 persons onboard
- FRC: Norsafe with diesel waterjet propulsion
- Helideck for Super Puma 9.3t

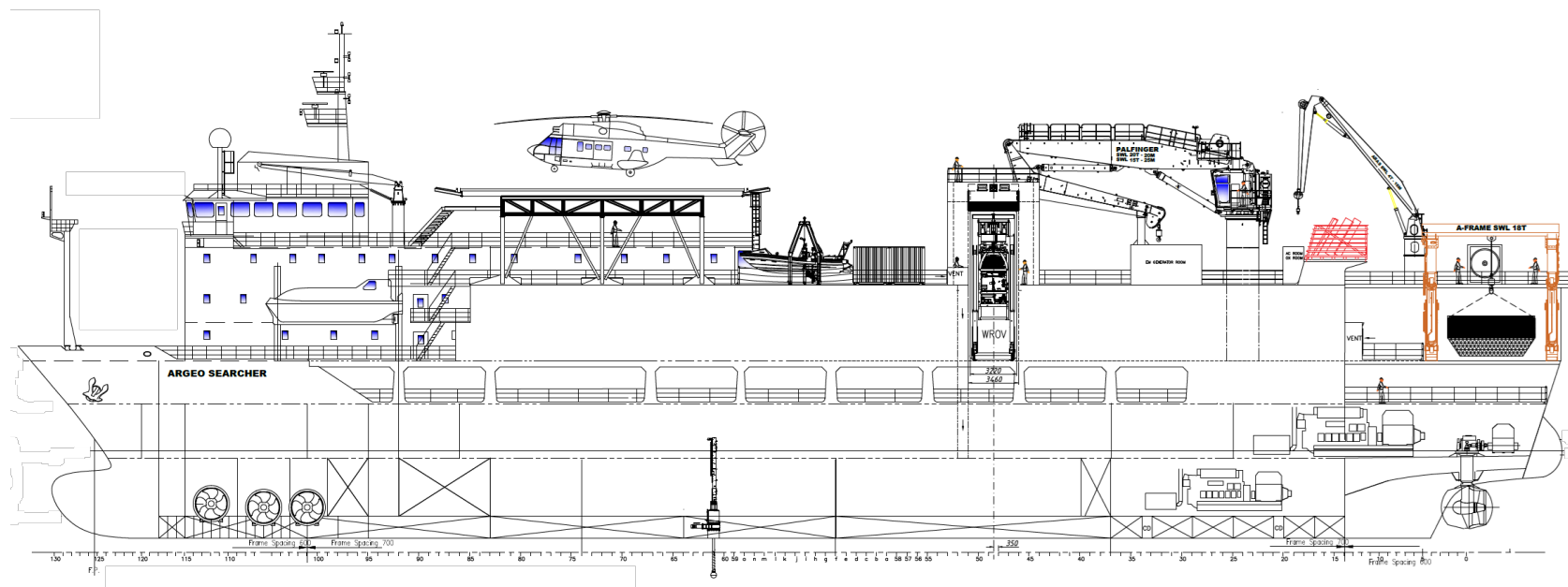
Survey Spread

- AUV: 1 x Hugin Superior
- ROV: 1 x WROV/Observation/Survey (option)
- Geotechnical package
- Instrumentation and acoustic positioning
- Dedicated instrument/operations room
- Fully integrated onboard data processing centre
- Client office space and conference room
- Marlink VSAT communication
- Dual Starlink communication



AUV & ROV SURVEY & INSPECTION VESSEL

Argeo Searcher is an effective multipurpose RSV vessel equipped with AUV/ROV with an excellent performance and track record for several O&G clients worldwide since built/upgraded in 2001/2006. Class renewal and upgrades completed recently in 2023



► RSV Argeo Searcher (after upgrade)

Vessel info

- Length 108,6m x breath 18m
- Class: BV, AUT-UMS, HEL, DYNAPOS-AM/AT-R
- Long endurance diesel electric propulsion
- OSM Thome Management
- Capacity for 65 persons onboard
- FRC: Norsafe with diesel waterjet propulsion
- Helideck for Super Puma 9.3t
- Endurance 200+ days

Subsea Spread

- AUV: 1 x Hugin Superior
- ROV: 1 x WROV
- 20t AHC Crane
- 18t AHC Winch
- 18t A-frame
- Geotechnical package
- Marlink VSAT communication
- Dual Starlink communication



RSV Argeo Searcher

General Characteristics

Vessel Name	Argeo Searcher
Owner	Ocean Pearl AS
Management Company	OSM Thome Management
Converted	2001/2006
Port/flag	Nassau / Bahamas
MMSI No.	311070100
IMO No.	9125140
Call sign	C6ZW4
Class Notations	BV, AUT-UMS, HEL, DYNAPOS-AM/AT-R

Dimensions

Length	108.6 m
Beam	18 m
Draught	Max 6,3 m
Gross Tonnage	7828.00 t

Accommodation

Capacity	65 Pax
Cabins	13 x single cabins, 26 x double cabins
Mess	32 Pax
Day room	3
Gym	2
Client Offices	1
Conference room	1

Survey Positioning Equipment

On-line Navigation System	EIVA Navipac
Primary Navigation	Veripos LD900 Apex 2 with Heading, SPAN & IMU
GNSS receiver	2 x V560 dual GNSS / L-Band antenna
Secondary navigation:	Veripos LD900 Ultra
GNSS receiver	1 x V560 dual GNSS / L-Band antenna
Gyrocompass	2x OCTANS 5 Surface Fiber Optic Gyrocompass
USBL	1x Kongsberg HIPAP 502 USBL

Vessel Positioning Equipment

DP System	Marine Technologies LLC Bridge Mate DP2 System
Auto Pilot	Simrad AP9 MK3
DGNSS	1x Mx Marine 420, 2x Fugro sea star 9205 GNSS, FAR-2117 BB, FAR-2137S BB
Radar	1 x SG Brown TS, 1 x Alphantron-Alphaminicourse, 1 x Raytheon
Gyrocompass	C-Plath
Standard 30MF 110-700	Ben Marine Anthea
Magnetic compass	TECDIS T
Speed Log	TelChart ECS, C-Map database
ECDIS	Jotron
Electronic Charts	STN Atlas
AIS	
Echo Sounder	

Safety

Workboat	SOLAS Approved Jiangsu / GJ6.OB1 for 13 Persons
Recue Boat	FRC SOLAS Approved - Norsafe 655M for 10 persons
Lifeboat	2x 65 persons - Greben
Life Rafts	2x 25, 4x 20, 1x 6 - Viking
Survival Suits	70 (100%)
Life Vests	130 (200%)

Communication

VSAT	Sealink SCPC/Vados
Inmarsat C	Sailor - H23095 C
Dual Starlink	Global maritime coverage with up to 220 Mbps download
M/F and H/F	Sailor -TT -6301A
VHF stationary	3 x Sailor RT 4822, Sailor RT 4800, Furuno FM 8900S
VHF portable	3pcs ENTEL HT844IIA
UHF portable	7pcs - DP1400 and ICOM IC-F2000
Handheld GMDSS/VHF Radio:	3 x ICOM IC-GM1600E

Machinery and propeller plants

Main propulsion system	Diesel Electric - Double Stern Aquamaster Azimuth, FPP
Diesel Engines	2 x Aquamaster US 2001, 1600 KW, 0-1200 rpm, 2x Stork - Wartsila 6GL28, 1800 KW, 900 rpm, 2x Wartsila Vasa 6R32, 2430 KW, 720rpm, 3 x Ulstein (Rolls Royce) 375 TV, 1275 KW, CPP, Cummins 6BT 5.9G, 87 KW
Forward Tunnel Thrusters	
Emergency Generator	

Speed and fuel consumption

Transit speed	10 knots
Range	120 days at economic speed
Endurance operation	240 days in operation
Fuel consumption transit	~15 t @ 10 kn (subject to sea and weather conditions)
Fuel consumption operations	5-8t @ 3-4 kn (subject to operational mode and sea and weather conditions)

Capacities

Fresh water	610 m ³
Fuel	1671 m ³
Lube oil	32.0 m ³

Deck Equipment

Deck Cranes	2x ABAS Knuckle Boom 4t at 16 meter, 1x Palfinger Marine PS 2200M/10 S2.5 SWL2t, 1x Palfinger Marine PS 225m SWL20t@11m / SWL15t@25m
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AUV Spread:

- 1 x AUV Kongsberg Hugin Superior 6000m depth rated
- 1 x Henriksen Stern Launch and Recovery system for AUV including transportation trolley
- 1 x AUV hangar with Maintenance Stand and Pre/Post-Dive platform
- 1 x 3 tons overhead crane dual beam at the hangar
- 1 x Stern preparation area pre-deployment
- 2 x 3 tons overhead crane single beam on deck 4 middle and aft part
- 2 x AUV Battery Charger Stations (Hangar and Stern preparation area)
- 1 x Charging tank for 3 AUV batteries stacks

Survey spread:

- 1 x 2.2 tons CTD which with 6000m Dyneema rope
- 2 x Valeport MIDAS SVX2 CTD (Sound Velocity, Conductivity, Temperature and Depth)

ROV spread:

- 1 x ROV LARS for side Launch and Recovery of ROV.

Geotechnical/Subsea spread:

- 1 x A-Frame SWL 18T
- 2 x Karmøy Winches (1 x active heave compensated winch with 3000m wire rope and 1 x storage winch)
- 1 x Hydraulic Power Unit dedicated to Karmøy winches



GA RSV Argeo Searcher

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