



DSV Picasso

FEATURES

- DP2 Multipurpose Diving Support Vessels
- Clear deck area 1,300 m²
- 120.80 m Length x 25 m Breadth
- 140 T AHC Crane with single fall up to 3,000 m water depth
- Built-in 18 Man Saturation
- Accommodates up to 130 personnel
- Green design by Marin TeknikKAS with reduced fuel consumption and reduced exhaust emission
- Build with comfort Class notation, very low sound and vibration levels



GENERAL

Class

DNV, 1A1 DSV(SAT) Clean COMF(V-3) Crane
DK(+) DYNPOS(AUTR) E0 HELDK(S, H) SPS SF

Built

2018, China Merchants Heavy Industry
(Shenzhen) Co, Ltd China

IMO Number

9698783

Registry

Madeira, Portugal

Owner

DCN Shipping BV

DIMENSIONS

Length Overall

120.80 m

Breadth moulded

25.00 m

Max draft

7.70 m

Working Deck Area

~1,300 m²

Deck Strength

>10 t/m²

Gross Tonnage (GRT)

~ 1,117 T

Net Tonnage (NT)

~3,336 T

POWER & PROPULSION

Main Generator

5 x 2,851 kW. Total: 14,255 kW

Emergency Generator

1 x Vessel Emergency Generator 1 x 450Vac
500 kW
1 x Diving Emergency Generator 1 x 450Vac
900 kW

Diving Generator

1 x 500 kW

Harbour Generator

1 x 900 kW

Propulsion

2 x Bow Tunnel (BT) Rolls Royce RR TT 2650,
1930 kW
1 x FWD Retractable Azimuth (T3) Rolls
Royce RR UL2001FP, 1500 kW
2 x Aft Azipull Rolls Royce RR AZP120CP
3500 kW

TANK CAPACITIES

MGO

2,176 m³

Fresh Water

1,684 m³

Water Ballast

6,429 m³

CONSUMPTION

Transit

In-Port ~3Ton/day
Transit 10knots ~22Ton/day
DP2, without fwd retractable ~11Ton/day
DP2, incl. fwd retractable ~ 16Ton/day
All figures based on fair weather
conditions

DP

4 x ME, 2 Bow Thrusters & 2 x Main
Propulsion running ~ 12 - 14 m³/day

5 x ME, Retractable Thruster, 2 Bow
Thrusters & 2 x Main Propulsion running
~ 18 - 23 m³/day

DP SYSTEM

Type

Rolls Royce ICON DP2 System and
POSCON

DP Classification

DNV DYNPOS (AUTR), IMO Class II.

DP References

DGPS 1 Kongsberg DPS 232
DGPS 2 Kongsberg DPS 132
DGPS 3 Ronav
Guidance - Radascan
Fanbeam MDL
Tautwire 1 FORUM
Tautwire 2 FORUM
Hipap HiPAP501

DECK EQUIPMENT

MAIN CRANE

140 Tons - AHC - Knuckle Boom - Man
riding - ~3,000 m Wire - Starboard Side
Main Hook
140T at max radius 13 m
40T at max radius 35 m
Aux Hook
5T at max radius 36 m
1.5T at max radius 36 m (man riding)

AUXILIARY CRANE

Man riding - Port side
Main hook
40 T at max radius 13.5 m (4 fall)
20 T at max radius 27 m (2 fall)
Aux hook
3 T at max radius 28 m
0.5 T at max radius 28 m (man riding)

Provisions Crane

1.6 T

ACCOMMODATION

Maximum POB

130 persons

Single Cabin

28

Double Cabins

51

Hospital

1

LIFE SAVING EQUIPMENT

Life Boats

2 x 70 persons

Hyperbaric Life Boats

2 x (18 Divers + 4Crew)

Life rafts

2 x 65
Additional can be installed for
Charter purpose

Fast Rescue Craft

1

HELICOPTER DECK

Construction

Aluminum for Sikorsky S92 (type)
D Value = 21 m
T Value = 12.6 m

Class

HELDK class notation

DIVING SYSTEMS

Saturation System

DNV Classed, 300m rated
2 x 18 persons SPHL
2 x 6, 2 x 3 persons chambers
1 x LSP
2 x 12 persons HRF (optional)
Twin Bell

Main Bell

Dimensions
Ø 1850mm x 3497mm

Design Code

EN13445/DNV-OS-E402

Design Pressure (Internal)

30.3 Bar.g

Max operating depth (Internal)

300 msw



