

# Ocean Zephyr ApS



Ocean Zephyr

## GENERAL

Flag	Danish
Port of registry	Fredericia
Built	1991, modified 2000, 2002, 2013
Class	DNV+1A1 DYNPOS AUTR, HELDK
Supply vessel, E0, ICE, C SF, BIS DK(+), HL (2,5), TMON, PMS, ISM, LFL	
IMO	9000625
Call sign	OUCV2

## PRINCIPLE DIMENSIONS

Length overall	87,10m
Length between perp.	74,30m
Max draught	6,20m
Beam	17,50m
Depth	7,30m
Net registered tonnage	983 t
Gross registered tonnage	3000 t
Deadweight	

## MACHINERY & PROPULSION

Total power output	4860 kw
Main engine's	2 x Ulstein Bergen BRM-6
Bowthruster propellers	2 x Ulstein CPP each 736 kw
Propellers	2 x Ulstein C/P propellers
Sternthruster	2 x Ulstein CPP each 590 kw
Aux engines	2 x Caterpillar 3408 TA, 394 kw
Shaft generator	2 x shaft generator 2300 kw
Aux. Generators	2 x aux generator 450 kw

## PERFORMANCES

Fuel consumption at max speed	12 knots / 19mt per day
Fuel consumption at economic speed	11 knots / 14 mt per day
Fuel consumption DP mode	12 mt per day

## ACCOMMODATION

Accommodation	17 x 1 person / 25 x 2 persons
Offices	4
Hospital	1

## DP SYSTEM

Classification	DNV DYNPOS-AUTR /(IMO class 2)
Type	MT Bridge Mate DP2
References	2 x Veripas LD5 DGPS, 1 x Kongsberg HiPAP 500, 1 x CyScan

## DECK EQUIPMENT

Ampelmann system A16 XL	
Norsafe workboat750 LC170 kw diesel jet	
Mezzanine deck, removable	
Deck crane	1 x TTS norlift 20mt @ 20 m harbour
	Moon pool, Hydralift aux crane, Boat landing crane, Helideck, Tugger winch

## CARGO CAPACITIES

Deck cargo	2380mt
Deck diemnsions	57m x 14,60m
Deck area	817 m2
Deck strength	5 tonnes / m2
<b>MGO</b>	811,7 m3 / 1355 m3
Discharge rate	0 - 250 m3 / hr
<b>Fresh water</b>	1235 m3
Discharge rate	1 x 0/2502 m3/hr
<b>Mud</b>	603 m3 (SG 2,5) / 765 m3
Discharge rate	2 x 75m3/hr
<b>Brine</b>	561 m3 (SG 2,5) / 974 m3
Discharge rate	2 x 100m3/hr

All discharge rates subject to size of hoses and backpressure

## COMMUNICATIONS EQUIPMENT

GMDSS	A3
VHF	2 x Sailor VHF G248
UHF	6 x Motorola
Satellite	V-Sat
Mobile phone	1 x GSM
Telefax	1 x GSM
Sat TV	Sea Tel

## NAVIGATIONAL EQUIPMENT

3 x Furuno FAR 2117, 1 x Furuno FR 2137, ECDIS Transas NS4000, 2 x Simrad Gyro, 1 x Sperry Gyro, 1 x Robertson AP9 MK2 auto pilot, 1 x Skipper GDS 100 echosounder
1 x Furuno GP150 GPS, 1 x Fugro Seastar 9200-G2 GPS

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