



About the vessel

Cyan Wind Seeker is an advanced, environmentally friendly, offshore wind farm support vessel designed for optimal seakeeping, station keeping, fuel efficiency, safety, and crew welfare.

The vessel features a Walk-to-Work (W2W) gangway with elevator access to transition pieces, a stern boat landing structure for safe personnel and equipment transfer, and Dynamic Positioning capability for gangway operations. Propulsion includes two aft azimuth propellers, two retractable thrusters, one forward tunnel thruster and an integrated Energy Storage System for improved efficiency and optimal fuel consumption. Main deck enclosed storage of spare parts and tools and open storage on A-Deck.

The vessel's primary activities include transfer of personnel to wind turbine transition pieces and offshore sub-stations, transfer of spare parts through gangway and Boat landing, operation central for maintenance planning, hotel for technicians and warehousing and maintenance.

Contact Cyan Renewables

Australia

Perth Office
Level 10
12-14 The Esplanade
Perth WA 6000

Ph: +61 8 9431 7431

South East Asia

Singapore Office
9 Raffles Place, #15-02
Republic Plaza
Singapore 048619

Ph: +65 6265 1010

United Kingdom

Aberdeen Office
Ground Floor, The Exchange 1
62 Market Street
Aberdeen AB11 5PJ

Ph: +44 1224 659950

cyanrenewables.com

Cyan Wind Seeker

Service Operation Vessel



General		Dimensions	
Official No	016829	LOA	88.71 m
Call Sign	BQ3121	Breadth - moulded	19.5 m
IMO No	1060954	Depth - moulded	7.4 m
Year Built	2026	Draft	5.6 m
Port of Registry	Taichung	GRT	5930
Flag	Republic of China	NRT	1779
Class	DNV/CR	Deadweight	2000 t @ 5.6m draft
Notation	DNV ✕1A Passenger Ship, Walk2work, DYNPOS(AUTR), NAUT(OC), Clean(Design), Recyclable, COMF(V3,C3), E0, BIS, Battery(Power), COAT-PSPC(B) CR 100✕E Passenger Ship, PSPC, NR-I, IWS, DPS-II, LCS, Walk-to-Work, BWM, SEEMP, SRE, CMS(CAU)X CLB, NAVO	Free Deck Area	440 m ² (A-Deck) 370 m ² (Warehouse)
		Deck Strength	5T/m ² (A-Deck) 2.5T/m ² (Main Deck)

A Perfect Day Every Day



Cyan Wind Seeker

Service Operation Vessel



Performance		
kW	kW	2 x 2000
Speed - Maximum	Knots	13.0
Speed - Economical	Knots	10.0

Tank Capacity		
Fuel Oil	m ³	604.5 (including CTV Fuel)
Technical Fresh Water	m ³	365.8
Potable Water	m ³	593.5
Foam	m ³	NA
Ballast Water	m ³	1270.5
Liquid Mud	m ³	NA
Cement	m ³	NA
Dispersant	m ³	NA
Dry Bulk	m ³	NA
Methanol	m ³	NA

Discharge Rates		
CTV Fuel Oil		9.0 m ³ /h
Fuel Oil		75.0 m ³ /h
Technical Fresh Water		3.0 m ³ /h
Fresh Water		NA
Ballast Water		100 m ³ /h
Potable Water		75.0 m ³ /h
Dry Bulk		NA
Liquid Mud / Brine		NA

Machinery / Propulsion	
Main Engines	3 x 1789 kW Caterpillar 3512E
Bow Tunnel Thruster	1 x 1500 kW Brunvroll Tunnel Thruster FU93LTA2500
Bow Azimuth Retractable Thruster	2 x 1500 kW Brunvroll Azimuth Thruster AR80LNA2100
Propulsion	2 x 2000 kW Brunvroll Azimuth Propulsion Thruster AUP 105ZNA2750
Emergency Generator	1 x 274 kW Caterpillar C9.3

Deck Equipment	
Gangway	Seonics ECOM 30m Gangway Fully electric 3D motion compensated gangway system, with a maximum length of 30 m and a minimum length of 20 m
Elevator	Crane mode 3T @ 28 m, motion compensated. 6T @ 18.24 m, in harbour SWL 2T for personnel and cargo lift
People Tracking System	1 ship set
Crane	NA
Boat Landing	1 x boat landing complying to IMCA/Class guidelines
Boat Landing Crane	11T @ 12m in 1.5Hs 2T @ 12m in 0.3Hs
Electric Pallet Stacker	1 x 1T
Electric Trolley	3 x 1T
Bollard Capstan	2 x 10T @ 0 – 15 meter/min Palfinger BC10
Tugger Winch Main Deck	NA
Wire Capacity	NA
Brake Holding	NA
Deck Voltage & Sockets - Quantity & Voltage	2 sockets (400V 60Hz 63 kVA)
Helideck	NA
Water Maker	Alfa Laval, capacity: 25m ³ /day
Oily Water Separator	1 x 1 m ³ /h OWS-COM 1.0 1 x 110 men
Sewage Treatment Plant	Jets Sewage Treatment Plant Ecomotive 13.32 STP9001332
Moonpool	NA
N2 Generation System	NA
Helicopter Winch Zone	1, complying with CAP437

Rescue & Fire Fighting	
Search Lights	2 x 1000W Tranberg TEF 2650
Floodlights	2 x 80W Glamox 6 x 160W Glamox 9 x 240W Glamox
Liferafts	2 x 20 persons davit launched type Viking 20 DKF+
Lifeboats	2 x 45 persons totally enclosed lifeboat Palfinger NPT58C
Fast Rescue Boat & Davit	NA
Normal Rescue Boat & Davit	1 x 6 persons Palfinger RSQ 450 G

Communication Equipment	
Navtex Receiver	Qty 1
AIS	1
Watch Alarm	1
SSB	1
Intercom	1 ship set
Inmarsat-C	2
EPIRB	1
GMDSS VHF Radio (Client)	Fixed: 2 Portable: 2
GMDSS UHF Radio (Client)	Fixed: 2 Portable: 2
GMDSS VHF Radio (Vessel)	Fixed: 2
GMDSS UHF Radio (Vessel)	Fixed: 2
GMDSS MF/HF (DSC)	Portable: 6 1
AERO VHF Radio	Fixed: 1 Portable: 1
VSAT	1
Iridium	1
Anemometer	3
Fleet Broadband	1
SSAS	1
SART	1
4G/5G Antenna	2
Starlink	2

Navigation Equipment	
Magnetic Compass	Qty NA
Gyro Compass	3
Autopilot	1
GPS Navigator	1
Radar	2
Speed Log	1
ECDIS	2
Echo Sounder	1
Weather Fax	1
Bridge Nav Watch System	1
SeaQ Integrated Bridge System	1
VDR	1
Loading Computer	1

Dynamic Positioning System	
DP2 with Joystick	Kongsberg K-Pos DP-21 3 x Gill Ultrasonic Wind Sensor 2 x MRU-H 1 x MRU-D 2 x DPS i1 – Differential Position System Novatel 408656 2 x DP Spotbeam DGNSS AD431 2 x IALA Antennae AR10AMKA/N 1 x DP Lazer SpotScan 2 x DP Radar RangeGuard

Accommodation	
Cabin (4 Berth)	Qty NA
Cabin (2 Berth)	NA
Cabin (3 Berth)	NA
Cabin (Captain class with separate bedroom)	4
Cabin (Single Berth)	80
Total Accommodation	84 Pax
Hospital	1 bed
Sickbay	1 bed
Changing Room Capacity	75
Drying Room	1
Client Office	3 offices with 10 height adjustable desk workstations
Warehouse Office	1 office with adjustable desk workstation
Warehouse	Air-conditioned with humidity control
Conference Room	1
Client Workshop	2
Day Room	3
Gym	1
Auditorium	1