

23M WIND POWER PLANT MAINTENANCE SHIP



PRINCIPAL PARTICULARS

LENGTH OVERALL: 22.37m
LENGTH WATERLINE: 19.38m
BEAM OVERALL: 7.50m
DRAFT (MAXIMUM DISPLACEMENT): 1.35m
DISPLACEMENT(FULL LOAD CONDITION): 72.5tonnes

SPEED: 24 KNOTS (CRUISE)/28 KNOTS(FULL)
RANGE: 450 NM
TASK: OFFSHORE WIND POWER SUPPORT, SURVEYING, PERSONNEL CARGO TRANSPORTATION
PEOPLE : 3(DRIVER)+12(WORKER)

STRUCTURE

Hull\deck\superstructure
 All welded construction seawater resistant aluminium alloy
 Longitudinal framing

SYSTEMS

FUEL OIL

The port and starboard symmetry sets two tanks, A total of 7000L.

FIRE FIGHTING /BILGE

The engine room of Each body has two bilge pumps(fire pump)
 Automatic fire detecting unit

VENTILATION/AIR CONDITIONING

Two top air conditioners are installed in the cabin, Heavy-duty embedded heating and refrigeration equipment with integrated air purifiers.

ENGINE PARTS

The port and starboard set the vent to the engine room, waterproof grilles are installed at the rear of the engine room.

ELECTRICAL

220V AC power supply Shore power interface
 24V DC power supply Batteries

HULL ANTICORROSION

Using the cathodic protection, bow outer plate and the aft sealing plate are arranged for the zinc block

EQUIPMENT

MTU main engine(x2),ZF3000(x2),Rolls Royce/Hamilton pump(x2)

DECK FITTINGS

Deck fittings use polished stainless steel/Anodized aluminum
 Railing and handrails are set up in areas of human access and anchor mooring
 Deck crane ability:15T(like Palfinger PK8501)
 Deck work area:76.5m²

INTERIOR

Set forepeak and cab
 Ceiling and wall laying non-combustible or flame retardant insulation materials
 Siding uses honeycomb aluminum panels
 Window glass uses tempered safety glass
 Front windshield with watertight device and wiper control
 Cabin installation shock absorption seat
 According to customer needs to develop a full ship damping program

ELECTRICAL FITTINGS EQUIPMENT

Navigation Equipment:
 Radar Speaker
 VHF Magnetic compass
 Electronic chart Sounder
 Search and rescue lights CCTV
 GPS/Satellite compass

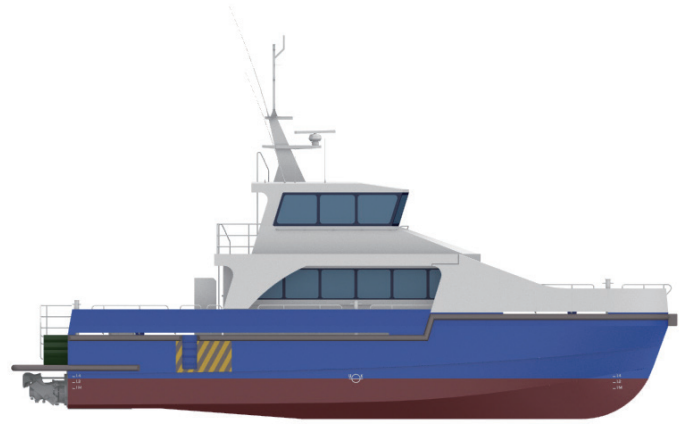
OTHERS

Inflatable life rafts
 Antirolling gyroscope

DESIGN RULE

CCS 《Technical regulations for statutory survey of small ships along the coast》
 《Specification for marine high-speed ship entry and construction》
 (The class society is decided by client)

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