



SUNNY A

GENERAL PARTICULAR

Vessel name	Sunny A
Classification	BV
Port of Registry/Flag	Portsmouth
Call Sign	J7DC9
IMO	9523902
Official Number	50742
Length Overall	45.5m
BreadthMoulded Max.	10.90m
Draft	2.5m

CAPACITIES

Fuel for Delivery	226 tonnes
Portable Water	367 tonnes
Deck Cargo Clear	200 tonnes
Deck Space	250 sq. m

COMMUNICATION

- a) 1 x SSB
- b) 2 x VHF
- c) 2x walkie-talkies intrinsically safe
- d) 1 x Iridium c/w Pentium 4 desktop & CD ROM provided for satellite telephone and e-mail communication.

FIRE FIGHTING EQUIPMENT

- 1. Internal Fire Fighting
 - a) Comply with the requirements of SOLAS 74/78.
 - b) 1 set of breathing apparatus with 2 spare bottles (filled with compressed air) to fit the above set.
 - c) 1 set of firemen outfit c/w lifeline, fire axe and flashlight

WHEEL HO USE

Wheelhouse
Design and built with as near as possible 360° unobstructed visibility. Full remote control of main engine (s) and bow thruster provided at manoeuvring station. Wheelhouse located two deck above the boat deck.

Clear view screen
1 unit 12 inch dia. clear view screen fwd of wheelhouse supplemented by wing shield wiper as appropriate.

PROPULSION/MACHINERY

No. and Type of Engine	Two (2) x Cummins KTA19M3
Engine power	Two (2) x 640 HP giving total of 1280 Bhp at 1800 RPM
Propeller	Two (2) x Fixed Pitch propeller
Rudder	Two (2) x rudders
Bow Thruster	Transverse tunnel thruster driven by independent Cummins 6CTA8.3m, 350hp/261kw engine with ex 3.5mt thrust and electronic control.
Joy Stick Control	NIL
Generators	Two (2) Cummins generators driven by independent engines with 80Kw capacity to support ship electrical loads of vessel and cargo.
Speed	9 knots cruising speed
Endurance	30 about days

NAVIGATION AND COMMUNICATION EQUIPMENT

Search Lights	1 x 1000 watts, capable of 360° rotation c/w beam width variation facility. Search lights shall be fitted on top of the wheelhouse and/ controlled from fwd manoeuvring stands inside wheelhouse.
Radars	1 x independently operated radar of 48n miles ranges. 1
GyroCompass	1 x autopilot & Sat compass 1
Magnetic Compass	1 x magnetic compass on top of wheelhouse with reflector in front of manoeuvring stand in the wheelhouse. 1 x Auto pilot compatible with satellite compass 1 x echo sounder for AC 220 IMO
Automatic Pilot	Echo 1
Sounder	GPS
Satellite Navigator	1 x GPS Navigator
Sextant	NIL
Chronometer Binocular	1 unit
Marine Type	1 x Marine type binocular
Rudder Angle Indicator on bridge	1 x Rudder Angle indicator on Bridge 1
Portable Transistorised loudhailer	1 x Portable Transistorised Loudhailer
Aldis Lamp	One unit c/w battery in a box.
Flag	1 x National and 1 set of signal flag
Barometer	1 x Barometer
Thermometer	1 x Thermometer
Anemometer	1 x Anemometer
Instrument's Manuals	Operation manual provided on board in English.
Books and Charts	



SUNNY A

SAFETY AND LIFE SAVING APPLIANCES

ALL life saving appliances complies with SOLAS 1974/73 and the latest amendments where applicable in addition to national regulations.

- | | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Liferafts | Two (2) x inflatable liferafts comply SOLAS for 20 men |
| 2. Lifejackets | One (1) x lifejacket for each crew member and passenger plus 8 for spare. Stored in a readily accessible locker. |
| 3. Work Vest | Workvests provided to each member of the crew, workvest fitted with retro-reflective material and a battery operated light and of approved types. |
| 4. Lifebuoys | 10 Nos. lifebuoys 530mm dia. Provided. |
| 5. Pyrotechnics | Comply with SOLAS 1974 and latest amendments. |
| 6. EPIRB | Onemanually activated emergency positions indicating radio beacon complying with SOLAS requirement carried on each side of the vessel. |
| 7. Line Throwing Apparatus | Self contain unit to be supplied in compliance with SOLAS 1 974/78 and latest amendments. |
| 8. Retro Reflective Tapes | Fitted on all life saving appliances |
| 9. Emergency Lightings | Provided at essential locations - wheelhouse, E/Room, alleyways, liferaft and launching areas. |
| 10. Two-Way Radio Telephone Apparatus | Two (2) x GMDSS walkie-talkies as per SOLAS requirement for rescue operation. |
| 11. Rescue Craft | One semi rigid hull inflatable rescue craft with 6-man 25 HP outboard engine. It is fitted with proper quick launching and recovery facilities. |
| 12. Scrambling Net | One at each side of the "RESCUE ZONE". A nylon net long enough to reach the waterline and should be rolled up when not in used. |

