

# BHAGWAN K

## SURVEY / UTILITY / RESCUE AEROCAT



### BUILT:

FINE ENTRY MARINE, GERALDTON  
NOVEMBER 2000

### CLASSIFICATION:

DEPARTMENT OF TRANSPORT WA 1B/2B  
M&H NUMBER: 5221  
CALL SIGN: VHLC

### DIMENSIONS:

LENGTH OVERALL 23.95 M  
BEAM 8.20 M  
DEPTH MOULDED 2.20 M  
DESIGN DRAFT 1.80 M OR LESS

### MACHINERY:

MAIN ENGINES 2 X MTU V12 2000 M70  
995 HP PER ENGINE  
TROLL VALVES FITTED  
BOW THRUSTERS 2 X 36 HP HYDRAULIC  
ELECTRICAL GENERATION 2 X PERKINS 60 KVA 3  
PHASE

### SPEED AND CONSUMPTION:

FULL OPERATING 25 KNOTS @ 450 LITRES / HR  
ECONOMICAL OPERATING 21 KNOTS @ 350 LITRES / HR  
IN PORT 350 LITRES PER DAY

### CAPACITIES:

CARGO 25 TONNE  
CLEAR DECK 9 M X 7.5 M  
FUEL 17,000 LITRES  
WATER 2,000 LITRES (PLUS  
DESALINATION PLANT 3,500  
LITRES PER DAY)

### DECK EQUIPMENT

STERN CRANE (IF REQUIRED) 1,295 KG @ 10 M  
A FRAME (IF REQUIRED) 4 TONNE HYDRAULIC  
WINCH (IF REQUIRED) 4 TONNE  
MOON POOL 1.2 M X 1.2 M  
BOLLARD PULL: 10 TONNE

### HULL:

ALUMINIUM CATAMARAN  
TWIN KEELS  
FENDERING ON BOW, STERN AND SIDES  
8.2 M OPEN TRANSOM  
DIVERS TRANSOM STEPS (PORT SIDE)  
DOORS IN BULWARKS (PORT)

### BRIDGE:

FULLY ENCLOSED HELM POSITION  
RADAR JRC 48 NM  
ECHO SOUNDER AMERICAN PIONEER  
PLOTTER MAX SEA  
GPS 2 X GARMIN GPS 128  
GMDSS SKANTI AREA A2  
SAT PHONE FLEET 77  
PHONE NEXT G  
AUTO PILOT TOKIMEC  
SEARCHLIGHT COLOR LIGHT  
PA SYSTEM RAYTHEON (BOTH ENGINE  
ROOMS, FORWARD AND AFT  
DECKS AND MAIN SALOON)  
SURVEILLANCE PANASONIC (4 X CAMERAS TO  
BOTH ENGINE ROOMS, MAIN  
SALOON AND AFT DECK)  
INTERCOM GME (TO BOTH ENGINE ROOMS,  
GALLEY AND ALL CABINS)

### ACCOMMODATION:

SKIPPER'S CABIN  
2 BERTH / SURVEY ROOM  
2 X 2 BERTHS IN EACH HULL  
TOTAL SLEEPING = 11  
22 PASSENGERS PLUS 3 CREW DAY TRIP (CAN BE  
INCREASED TO 47 PASSENGERS PLUS 3 CREW)  
FULLY AIRCONDITIONED  
TV, VIDEO, DVD IN MAIN SALOON  
FULLY EQUIPPED GALLEY  
2 X TOILETS AND SHOWERS  
2 WASHING MACHINES AND 2 DRYERS

### MISCELLANEOUS EQUIPMENT:

MEDIVAC STRETCHER  
MARPOL COMPLIANT SEWAGE TREATMENT PLANT

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