

Border Force Assets

Asset Capability Briefing | Op ISOTROPE



Border Force





Border Force

Damen Stan Patrol Cutter

TYPE OF VESSEL	Damen Stan Patrol 4207
LOA	42.8M
BEAM	7.1M
MINIMUM OPERATING DEPTH	3.52M
DRAFT	2.52M
TOP SPEED/CRUISE SPEED	Top Speed 26kts Cruise speed 20kts
ENDURANCE	840nm (300/Hr at 14kts)
CREW	12
SURVIVOR CAPACITY	12 (*see other factors)
COMMUNICATIONS EQUIPMENT	VHF, Airwaves, SAT C
SEARCH AIDS	RADAR, Flood lights, Thermal Night imaging and day vision cameras
MEDICAL EQUIPMENT	First Aid Box, Defibrillator, Commanders secured Medicine box
RESCUE BOATS	1 x MOB
LIFE SAVING EQUIPMENT	2 x SOLAS 20 -person life rafts, 2 x SART 1 x Epirb, flare and smoke signals
WEATHER RESTRICTIONS	Unrestricted
OTHER FACTORS	*Survivor capacity: in addition to life rafts, is 100 POB plus crew
ADDITIONAL INFORMATION	Gross Tonnage 238T, Fuel capacity 22,200L, Engines- 2 x Caterpillar 3516B, Propulsion- 2 x Variable pitch



HMC VALIANT / HMC VIGILANT / HMC SEARCHER / HMC SEEKER



Border Force

Coastal Patrol Vessels

TYPE OF VESSEL	Coastal Patrol Vessel
LOA	18.8M
BEAM	5.56M
MINIMUM OPERATING DEPTH	1.9M
DRAFT	0.9M
TOP SPEED/CRUISE SPEED	Top Speed 32kts Cruise speed 20kts
ENDURANCE	250L/Hr at 20kts. 6 – 12 hours.
CREW	5-6
SURVIVOR CAPACITY	12 (*see other factors)
COMMUNICATIONS EQUIPMENT	VHF, Airwaves, SAT C, GMDSS
SEARCH AIDS	RADAR, Flood lights, Thermal Night imaging and day vision cameras
MEDICAL EQUIPMENT	First Aid Box, Defibrillator, Eye wash
RESCUE BOATS	N/A
LIFE SAVING EQUIPMENT	2 x CAT A 6-person life rafts, 2 x SART 1 x EPIRB, flare and smoke signals, life jackets.
WEATHER RESTRICTIONS	As per CAT 2 Workboat code
OTHER FACTORS	*Survivor capacity: in addition to life rafts, small boat capability is 50 POB plus crew
ADDITIONAL INFORMATION	Fuel capacity 3500L, 2 x 1001Bhp Caterpillar Engines, propulsion-2 x Hamilton Jet



HMC ALERT / HMC SPEEDWELL / HMC ACTIVE / HMC HUNTER /
HMC NIMROD / HMC EAGLE



Border Force Hurricane CTV

TYPE OF VESSEL	Catamaran Crew Transfer Vessel (CTV)
LOA	25M
BEAM	8.2
MINIMUM OPERATING DEPTH	2M (ukc)
DRAFT	1.45M
TOP SPEED/CRUISE SPEED	27kts/23kts
ENDURANCE	400nm
CREW	3 (plus max 12 PAX)
SURVIVOR CAPACITY	150 POB embarked without container on foredeck, 100 POB embarked with container
COMMUNICATIONS EQUIPMENT	Sailor 6222 DSC VHF x 2, Sailor DSC MF x 1, Navtex, Sapura Airwave base unit x 1 & H/H Sapura Airwaves x 2
SEARCH AIDS	Furuno Radar, Furuno AIS, Furuno SC50 Compass, 2 x SART
MEDICAL EQUIPMENT	1 x Defibrillator,, 1x eye wash, Cat C first aid kit.
RESCUE BOATS	N/A
LIFE SAVING EQUIPMENT	6 x twin chamber life jackets, 100 x life jackets for migrants, Life rafts: 2 x 16 person-standard ship equipment, 4 x 10-person, 14 x 6 person & 1 x 4 person. MOB Recovery pole & winch.
WEATHER RESTRICTIONS	As per Cat 2 Workboat Code
OTHER FACTORS	*Survivor capacity: in addition to life rafts, is 150 POB plus crew
ADDITIONAL INFORMATION	The 25m version incorporates 20-ton cargo capacity, large 18,000 litre fuel oil tanks



Border Force Vessel HURRICANE



Border Force

PAC 22 Rhib

TYPE OF VESSEL	Pacific 22 Rigid Inflatable
LOA	7.10M
BEAM	2.44M
MINIMUM OPERATING DEPTH	1M
DRAFT	0.50M
TOP SPEED/CRUISE SPEED	32kts/20kts
ENDURANCE	4.5 hrs at 20kts
CREW	4-6
SURVIVOR CAPACITY	1x 6-person life raft
COMMUNICATIONS EQUIPMENT	1 x fixed VHF, 1 x Handheld VHF, 1 Airwave Radio
SEARCH AIDS	1 x Garmin Chart plotter
MEDICAL EQUIPMENT	2 x CAT C first aid kits
RESCUE BOATS	N/A
LIFE SAVING EQUIPMENT	1 x 6-person life rafts, 2 x SART, flare and smoke signals, 2 x life buoys
WEATHER RESTRICTIONS	As per CAT 3 Workboat code
OTHER FACTORS	N/A
ADDITIONAL INFORMATION	powered by a single Yanmar 4LH-STE turbo-charged inboard diesel engine producing 190 bhp at 3100 rpm, A single Hamilton HJ 241 waterjet unit is also fitted



Border Force Vessels CHAMPION / SWIFT / SAFEGUARD



Border Force

Delta Rhib (GA GM)

TYPE OF VESSEL	Delta Rhib
LOA	7.4M
BEAM	2.5M
MINIMUM OPERATING DEPTH	1M
DRAFT	0.5M
TOP SPEED/CRUISE SPEED	Top Speed 32kts Cruise speed 12-16kts
ENDURANCE	230Ltrs = 115nm at 3000 RPM
CREW	4
SURVIVOR CAPACITY	1x 4-person life raft
COMMUNICATIONS EQUIPMENT	1 x fixed VHF, 1 x Handheld VHF, 1 Airwave Radio
SEARCH AIDS	Raymarine Axiom chart plotter & Raymarine radar
MEDICAL EQUIPMENT	2 x CAT C first aid kits
RESCUE BOATS	N/A
LIFE SAVING EQUIPMENT	1 x 4-man liferaft 2x horseshoe lifebuoy self-righting bag
WEATHER RESTRICTIONS	Able to deploy up to and including Force 5
OTHER FACTORS	N/A
ADDITIONAL INFORMATION	Delta 740 X-range, 270hp Yanmar 6LP-STE marine diesel engine



Border Force GA GM Vessels ARTEMIS / ATHENA



Border Force **Delta Rhib**

TYPE OF VESSEL	Delta Rhib
LOA	7.4M
BEAM	2.5M
MINIMUM OPERATING DEPTH	1M
DRAFT	0.5M
TOP SPEED/CRUISE SPEED	Top Speed 32kts Cruise speed 12-16kts
ENDURANCE	230Ltrs = 115nm at 3000 RPM
CREW	4
SURVIVOR CAPACITY	1x 6-person life raft
COMMUNICATIONS EQUIPMENT	1 x fixed VHF, 1 x Handheld VHF, 1 Airwave Radio
SEARCH AIDS	1 x Garmin Chart plotter
MEDICAL EQUIPMENT	2 x CAT C first aid kits
RESCUE BOATS	N/A
LIFE SAVING EQUIPMENT	1 x 6-person life rafts, 2 x SART, flare and smoke signals
WEATHER RESTRICTIONS	Able to deploy up to and including Force 5
OTHER FACTORS	N/A
ADDITIONAL INFORMATION	Delta 740 X-range, 270hp Yanmar 6LP-STE marine diesel engine



Border Force Vessel NEPTUNE



Border Force

Tactical Watercraft

TYPE OF VESSEL	TWC-Tactical Watercraft- SEADOO Fish Pro
LOA	3.73M
BEAM	1.70M
MINIMUM OPERATING DEPTH	1M
DRAFT	0.3M
TOP SPEED/CRUISE SPEED	Top speed 50 kts Cruise speed 20-25 kts
ENDURANCE	Fuel tank 70Ltrs Running speed at 20kts, uses approximately 15ltrs per hour
CREW	3 with a Maximum load of 272kg
SURVIVOR CAPACITY	3
COMMUNICATIONS EQUIPMENT	Handheld Sepura SC21 Encrypted Departmental communications set, ICOM M85 VHF Radio
SEARCH AIDS	Search pattern via Chart Plotter
MEDICAL EQUIPMENT	First Aid Kit
RESCUE BOATS	N/A
WEATHER RESTRICTIONS	At OIC's discretion, daily risk assessed
OTHER FACTORS	Platform can be used as a buoyancy aid until assistance arrives
ADDITIONAL INFORMATION	1630cc Fuel injected Rotec 4 stroke engine 170hp, Jet Propulsion



Border Force Vessels JUNO 1/2/3/4/5/6