



Name of Vessel

ACV Mangistau Alpha
Seven Mile Shipping Ltd, London, UK

PRINCIPAL PARTICULARS

Port of Registry / Flag

TBA / TBA

IMO NO 9288136

Call Sign TBA

Year Built 2002

Classification Lloyds Register

Type Air Cushion Vehicle

DIMENSION WHEN HOVERING

Height 5.5m

Length 22.52m

Beam 11m

DIMENSIONS FOR SHIPPING & TRANSPORTATION

Length – with skirt deflated 19.9m

Width – side bodies removed 5.6m

Maximum Payload 8 tonnes

PERFORMANCE

Speed up to 40 Knots

(subject to sea state/weather)

Max endurance with standard tanks

10 hours

Obstacle Clearance 1.0m

Worse intended maximum wave height above hump speed 1.8m

Maximum Sea State for Operations 4

Power per engine 735kw

Maximum fuel capacity 3,600 litres

Maximum usable fuel capacity

2,700 litres

Maximum consumption at 1800 RPM

230 l/h

ACCOMMODATION

Current Configuration

Rescue Mode 42-56 pax

Transit/Pax 35-40 pax

Minimum Crew 2

Toilet Cubicle 1

MAIN CABIN

Internal Cabin Dimensions (Max)

Length 7.4m

Width 5.0m

Height 1.87m

PROPULSION SYSTEM

Main Engine

Propulsion and Lift

2 x MTU 12V183 TB32 V12 radiator

cooled direct injection diesel engines.

Power 800 bhp (588 Kw) at 2,100 rpm

DECK EQUIPMENT

Anchor Winch

Anchors

Chains

Bollards

Moorings Chocks

SAFETY, RESCUE EQUIPMENT

Life Rafts

Life Jackets

Sart and EPIRB

Search Lights

Jason's Cradle for casualty recovery

Medical Kits

Personal Protection Equipment for crew

NAVIGATIONAL/COMMUNICATIONS EQUIPMENT

VHF radio

GPS/Chart Plotter

Radar

AIS

Satellite compass

Loud hailer

Anemometer

Thermal Imaging/Night Vision

Equipment

MARINE EQUIPMENT

Lloyds approved anchor and cable

5 x hand held cabin fire extinguishers

1 x portable manual bilge pump

Mooring/towing ropes

2 x life rings

Boat hook

FIRE FIGHTING EQUIPMENT

Fire Thermal and Sound Insulation

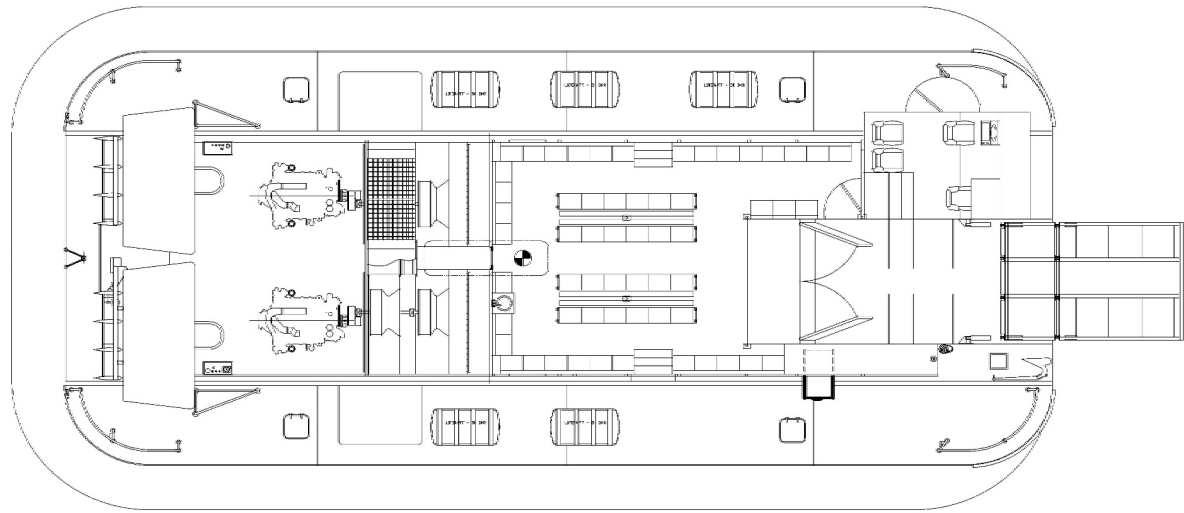
Ceramic insulation is installed for structural fire protection to A30 standard in the engine bay.

In the event of an engine fire, a heat detector mounted above each engine actuates a warning lamp and a buzzer in the control cabin. Pyrotechnic fire extinguishers and fire flaps over engine bay intakes are remotely operated from the control cabin to meet HSC requirements.

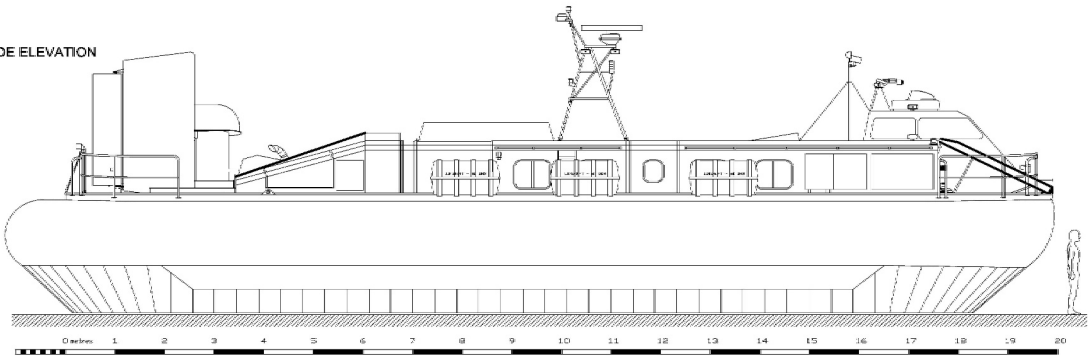
All details given in good faith and are believed to be correct, but not guaranteed.

ACV MANGISTAU ALPHA - RESCUE MODE

PLAN VIEW



SIDE ELEVATION



VIEW ON BOW

