MUSLIM MAGOMAYEV

DP2 Fast Catamaran / 150 Passenger capacity
W2W system / 35 knots max speed

CMS
CASPIAN MARINE SERVICES B.V.

GENERAL DATA	
Type	**Fast Crew Boat**
Year built / Place of build	**2014, Australia, Hobart**
Class	**1A1HSLC, DNVGL + RMRS**
Flag	**Azerbaijan**
Port of registry	**Baku**
Call sign	**4JQI**
IMO number	**9732292**
Service speed	**30 knots**

DIMENSIONS	
Length overall	**70.0 m**
Breadth	**16.0 m**
Molded Depth	**6.00 m**
Summer Draft	**2.32 m**
Freeboard at Summer Draft	**3.68 m**
Gross Tonnage	**1439 t**
Net Tonnage	**432 t**
Deadweight	**112 t**
Deck Strength	**2 t/m²**
Deck Area	**270 m²**

CAPACITIES	
Fuel Oil	**50 m³**
Fresh Water	**10 m³**

PROPULSION	
Main Engines	**4 x 2880 KW MTU-16V 4000 M73L**
Bow Thruster	**4 x 300 hp Thrustmaster**
Waterjets	**4 x 900 Hamilton**

AUXILIARIES	
Diesel Alternators	**4 x 550 kW C 18 Caterpillar**
Diesel Alternator Emergency	**1 x 99 kW Caterpillar**

SPEED	
Maximum/Normal Service/Economical	**35-30/15 knots**

FUEL CONSUMPTION PER DAY	
FO Consumption – Full Speed	**736-755 liters per hour for each engine**
FO Consumption – Economical Speed	**265-270 liters per hour for each engine**

NAVIGATION EQUIPMENT	
Radars	**2 x Kelvin Hughes**
Echo Sounder	**2 x Furuno**
Gyro Compass	**2 x Naviga-XMK1** **2 x Meridian Standard**
Auto Pilot	**1 x Simrad**
Doppler Log	**1 x Walkers**
GPS	**1 x SAAB**
DP-2	**2 x Kongsberg**
ECDIS	**2 x Kelvin Hughes**

COMMUNICATION EQUIPMENT	
MF Transceiver	**2 x Sailor**
Satcom	**T&T**
GMDSS	**3 x Sailor**
VHF	**2 x Sailor**
Internet	**VSAT**
AIS	**1 x SAAB**
NAVTEX	**1 x JMC**

LIFESAVING APPLIANCES	
MES	**2 systems, each comprising of 2 x 100 man life rafts, vessel total is 400 person capacity**
Lifejackets	**174 pcs**
Immersion Suits	**19 pcs**
IMDG	**2 set BA**
FRB	**2 x 6 pers**

FIFI EQUIPMENT	
Fixed system	**NOVEC 1230 fire suppression system**
BA	2 sets

ACCOMMODATION	
Cabins	**9 pcs (1 x 1 man 8 x 2 man)**
Crew	**17 pers**
Passengers	**Upper deck 46** **Lower Deck 94** **VIP 2 x 6** **Max passenger number 152, spares seats are provided for passenger attendants.**
Hospital	**1**

MOORING EQUIPMENT	
Anchor	**1 x SHHP Pool TW fully balanced**
Capstan	**4 x 4.5 t Brevini Red Gear**
Anchor Winch	**1 x Hypac HHAW-60-30-CFT**

CRANE	
Main	**1 x 0.430 kg – 5.2 m Palfinger PK- 4501 m**

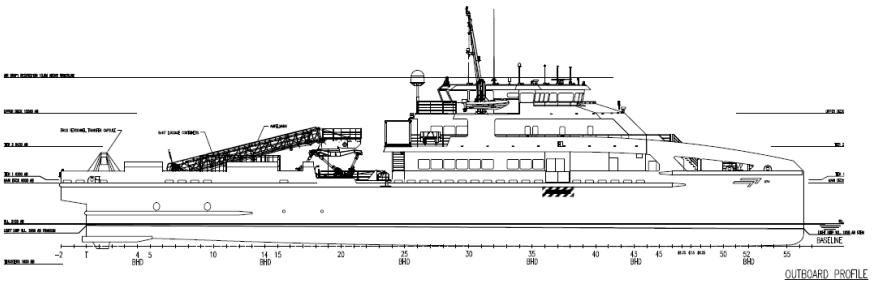
DP EQUIPMENT	
DP	**DP2**
DP System	**Kongsberg K-Pos DP21**
DP Class	**DNV Class 2**
DP References	**2 x DGPS Kongsberg** **1 x CYSCAN Kongsberg** **1 x RADIUS Kongsberg**

PASSENGER TRANSFER MEANS	
	FROG 10 **Walk 2 Work system A - type Amplemann**

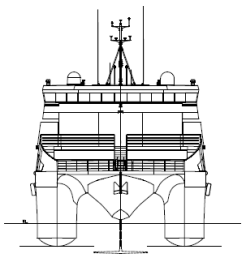
VESSEL SPECIFIC CHARACTERISTICS

"Muslim Magomayev" is a DP 2 Catamaran crew transfer vessel with a normal service speed of 30 knots, with a range of 600 NM at 30 knots and 2300 NM at 15 knots. The vessel is capable of transporting 150 passengers together with 16 Crew in sea states of up to 3.0 meters. Wooden sheeting on the back deck provides 270 m2 of deck space for transportation of deck cargo with a maximum load up to 2 MT/m2. Ride comfort is enhanced by the utilization of a vessel motion stabilizing system. Passenger seats are fitted with airline style personal audio systems, large screen TV's are located in the passenger areas so safety inductions etc. can be shown on passage. The passenger area is divided into 4 lounges, 2 VIP and 2 general areas.

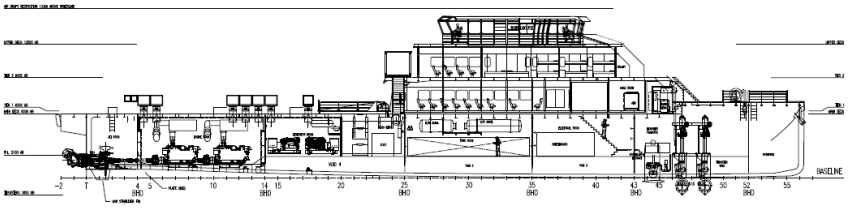
The vessel is fitted with an Ampelmann A class hydraulic gangway allowing transfer of personnel up to (approximately) 20 meters from the vessel and 20 meters above sea level (distances dependent on site specific conditions). The vessel has a FROG 10 allowing passenger transfer when weather conditions prohibit Ampelmann utilization.



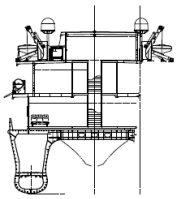
OUTBOARD PROFILE



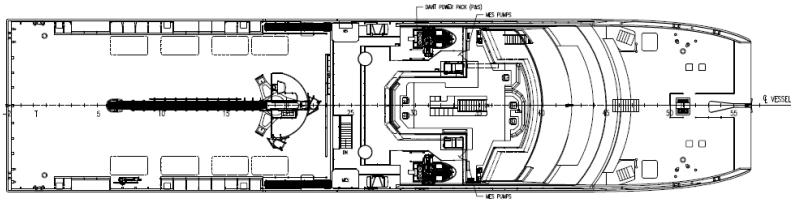
TRANSVERSE VIEW LOOKING AFT



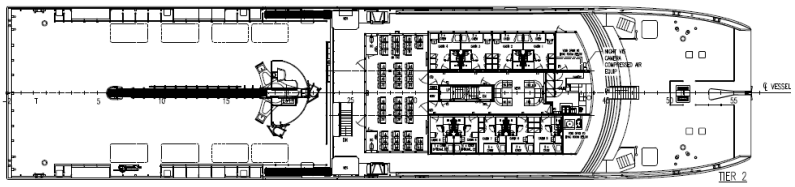
HULL CENTRELINE/SUPERSTRUCTURE OUTBOARD SECTION (2100 OFF C/L)



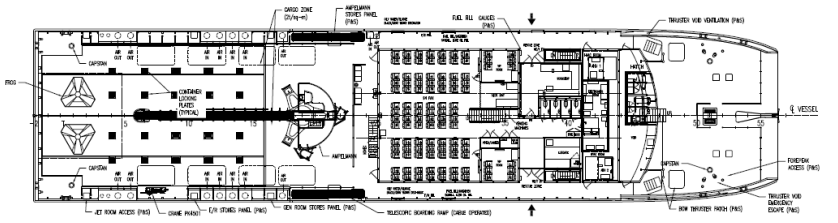
TYPICAL MIDSHIP SECTION



UPPER DECK (ROOF AND WHEELHOUSE)



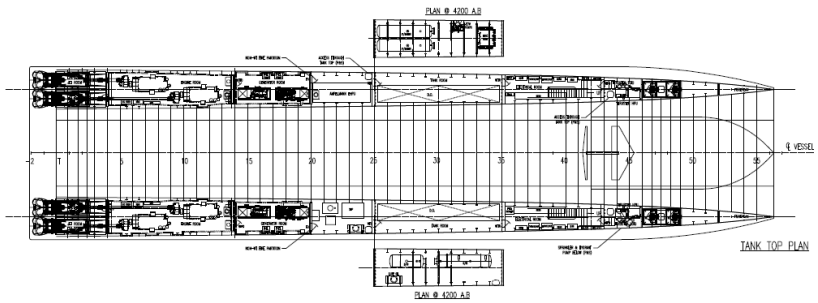
TIER 2



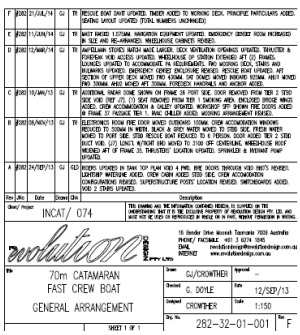
MAIN DECK & TIER 1 SUPERSTRUCTURE

102 MAIN PARTICULARS
i) Principle Dimensions

Length (overall): 70.00m
Length (waterline): 66.60m
Beam (moulded): 16.00m
Depth (moulded): 6.00m
Draft (design): 2.20m
Air Draft (mast removed): 13.40m
Deadweight: 112 tonnes
Aft Working Deck Area: 410 m2
Dynamic Positioning: IMO DP Equipment Class 2
Crew Complement: 14 persons
Personnel Complement: 150 special personnel



TANK TOP PLAN



38 A, N.Aliyev street
AZ1025 Baku, Azerbaijan
T: +994 12 4641531 / 32
E: info@caspmarine.com
W: www.caspmarine.com

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