

CMS IGID

DAMEN SHOAL BUSTER 2709 Tug



GENERAL DATA

Type	Tug Vessel Damen Shoalbuster 2709
Shipyard	Hardinxveld-Giessendam, The Netherlands
Year built	2014
Class	(RMRS) KM · R2 AUT1 tug
Flag	Azerbaijan
Port of registry	Baku,
Call sign	4JQF
IMO number	9702168

DIMENSIONS

Length overall	27.02 m
Breadth	9.10 m
Moulded Depth	3.60 m
Summer Draft	2.62 m
Air draft	Max.17.98m & Min.11.98m
Deck Dimension	10.0m x 6.0m

CAPACITIES

Gross Tonnage	221 t
Net Tonnage	66 t
Deck Area	60m²
Deck Strength	15 t/m²
Deck load	1600t at COG=0.9m
Fuel Oil	125 m³ at 100%
Fresh Water	30 m³ at 100%

SPEED

Maximum	12.2 kts
Normal	11 knots
Economical	9.5 knots

MACHINERY & PROPULSION

Main Engines	CAT C3512 2 x 1118 kW 1500 BHP
Bow Thruster	1 x 145 kW 197 BHP
Rudders	2 flap rudders

AUXILIARIES

Diesel generators	2 x 74.5 kW 111 BHP
Emergency generator	1 x 268 kW / 397 BHP Caterpillar C-09

FUEL CONSUMPTION PER DAY

Full Speed	6 tons per day
Normal Service	5.2 tons per day
Economical condition	4.6 tons per day

NAVIGATION EQUIPMENT

Radars	1 x Furuno FAR -2117
Echo Sounder	1 x Furuno FE -700
Gyro Compass	1 x Anshultz STD-22
Magnetic Compass	1 x Cassens & Plath GmbH 11
Auto Pilot	1 x Radio Zeeland Seapilot 76
Doppler Log	1 x Furuno DS-80
GPS	1 x Furuno Navigator GP-150
AIS	1 x Furuno Universal FA 150
Navtex	1 x Furuno NX-700

GMDSS EQUIPMENT

MF Transceiver	1 x SAILOR 6301 (Thrn&Thrn)
VHF	2 x SAILOR 6222A (Thrn&Thrn)
VHF Walk-Talk	2 x Icom GPS IC-91D
Inmarsat-C	2 x SAILOR 6006 (Thrn&Thrn)
SART	1 x Tron SART 20
EPIRB	1 x Tron 40 S MK II

LIFESAVING APPLIANCES

Liferafts	2 x 8 person
Lifejackets	14 pcs
Immersion Suits	10 pcs
Life buoys	6 pcs
EEBD	7 pcs
MOB net	Markus life net

FIFI EQUIPMENT

Fixed CO ₂ system	Engine Room
BA Scott (BAFOS)	1 set and 2 spare cylinders

ACCOMMODATION

Cabins	2 x 1 person cabins 3 x 2 person cabins
Total POB	8 persons
Minimum safe manning	6 persons
Crew (normal operation)	8 persons

DECK EQUIPMENT

Deck crane	1 x HS Marine AKC 185\18.5 E 4. SWL- 16.4t @ 7.65m SWL-5.5 t @ 18.5 m
Tugger winches	Dromec HPV 12000/24mm,12t (m) @ 4.5m/min
Towing winch	50t at 4.0m/min /pull slack 0- 23 \min. Holding power 120t, wire cap. 850m 40mm
Anchor handling	100t at 2.8m/min pull, slack o- 16 m\min Holding power125t, wire cap. 650m 40mm
Bollard Pull	39.1t
Shark Jaws	Type: H-200 HD SWL-200t. wire dimension 48- 90mm/Chain Dimension 2.5-3.5
Guide Pins	Type: S-65. SWL -65t

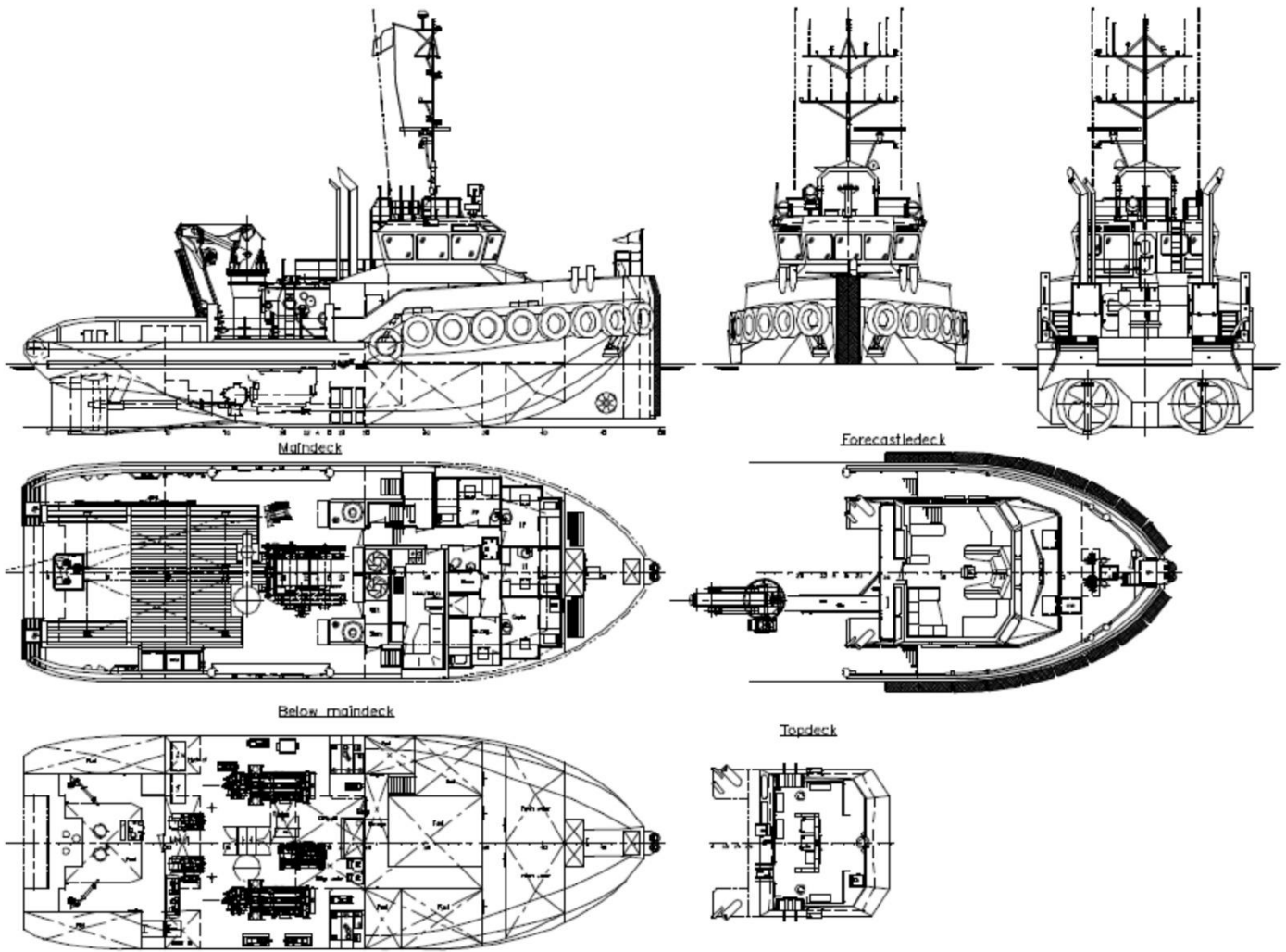
VESSEL SPECIFIC CHARACTERISTICS

The CMS IGID a "Damen Shoalbuster 2709 is a modern seagoing twin screw tug / work boat for harbors, coastal and unrestricted waters. Each marine diesel engine drives a Cunial fixed pitch propeller in a nozzle through a reverse / reduction gearbox.

A hydraulic HS Marine AKC 185 / 18.5 HE4 crane is mounted on the aft deck at starboard side, with a 5.5 ton (metric) at 18.50 meter and 16.4 ton (metric) at 7.65 meter providing full crane capacity for 600 meters of 40 mm wire

Maximum deck load on centerline between frame 0 and 7 is 15 ton/m²

Aft towing pins have a 65 ton capacity



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