



AOS SWIFT



Atlantic Maritime Group FZE

www.atlanticnavigation.com

GENERAL PARTICULARS

Year of Build / Place	: 2015 / Netherlands
IMO Number	: 9772656
Call Sign	: HP4588
Flag / Port of Registry	: Panama / Panama
Class	: BV
Notation	: I X Hull ● Mach, Light Ship, Fast Utility Vessel Sea Area 3
GRT / NRT	: 191.84 / 153.47
Vessel Manager	: Atlantic Maritime Group

DIMENSIONS

Length OA	: 26.30 m
Length BP	: 26.00 m
Breadth	: 10.40 m
Depth	: 2.90 m
Draft (summer)	: 1.48 m @ Forward Draft Mark / 2.20 @ Aft Draft Mark
Displacement @ Max. Draft	: 100.84 T
Deadweight	: 24.24 T
Lightship	: 76.60 T

MACHINERY

Main Engine	: 2 x Caterpillar C32 TTA @ 1900 RPM Total: 2400 BHP; 1790 kW
Gear Box	: Reintjes
Main Generator	: 2 x Caterpillar C2.2 T (1 Main + 1 Standby) 22.5 kW, 28 kVA, 400 V, 50 Hz
Propellers	: 2 x Solid Screw Propeller (FPP)
Bow Thrusters	: 2 x Hydrosta Sider 60; 44 kW (FPP)

FIRE FIGHTING & SAFETY EQUIPMENT

Fire / GS Pump	: 2 x 16 m ³ / hr @ 0.8 bar
Portable Fire Pump	: 1 x 60 m ³ / hr and 1 x 30 m ³ / hr
Fixed Fire Fighting System	: NOVEC 1230 System in Engine Room
Life Rafts	: 2 x 25 Persons (Inflatable) & 1 x 6 Persons
Life Buoys	: 6 Nos
Fire Hydrants	: 2 Nos (32 NB)
Life Jackets	: 45 Nos

DECK MACHINERY & EQUIPMENT

Crane	: Heila HLM 20 – 2S Hydraulic Operated Knuckle Boom Crane SWL – 2.1 T @ 3.00 m to 8.60 m (With Winch) SWL – 4.2 T @ 4.66 m @ 0° Boom Angle (With Hook) SWL – 2.9 T @ 6.63 m @ 0° Boom Angle (With Hook) SWL – 2.2 T @ 8.6 m @ 0° Boom Angle (With Hook)
Anchor Winch	: 1 x Electrically Operated; 8.23 kN @ 10.30 m / min
Anchors	: 1 x 150 Kg, HHP Pool TW Anchor
Chains	: 1 x 110 m (Length); 14 mm (Diameter)

FENDERS & BOLLARDS

Stern Fenders	: M Shaped, Rubber Fenders
Side Fenders	: Hollow, Rubber Fenders
Bow Fenders	: Reinforced, Foam Filled Fenders
Bollards	: 6 x Double Bitt Bollards

BOARDING ARRANGEMENTS

Bow Deck	: Grating Type Boarding Platform
Aft Deck	: Portable Aluminum Gangway (3 Meters)

CAPACITIES & PERFORMANCE

Fresh Water	: 1.80 m ³
Fuel Oil	: 14.20 m ³
Trim Tank (Fuel Oil)	: 8.00 m ³
Sewage Tank	: 0.50 m ³
Bilge Water	: 0.40 m ³
Fuel Oil Pump	: 2 x 2.88 m ³ / hr @ 4 bar
Bilge Pump	: 2 x 16 m ³ / hr @ 0.8 bar
Deck Cargo Space	: 100 m ²
Design Deck Load	: 1.5 T / m ²
Deck Cargo Capacity	: 9.10 T (With Fuel capacity as 11.80 T)
Deck Cargo Capacity*	: 13.5 T (With Fuel capacity as 9.32 T)
Maximum Speed	: 25.0 Knots
Cruising Speed	: 22.0 knots
Fuel Consumption	: 8.5 m ³ / day @ CSR : 10.5 m ³ / day @ MCR

Fresh Water Pressure Set	: 20 Liters (Capacity)
Chiller & Freezer	: 4 x Chest Freezer
Floodlight	: 2 x 500 W (Forward) & 1 x 500 W (Aft)
Search Light	: 1 x 1000 W (Top of wheelhouse)
Air Horn	: Available

ALARM SYSTEM

General Alarms	: Available
Engine Alarms	: Available (As Per Class)
Fixed Fire / Gas Detection System	: Available (LEL – 5 Nos; H2S – 5 Nos)

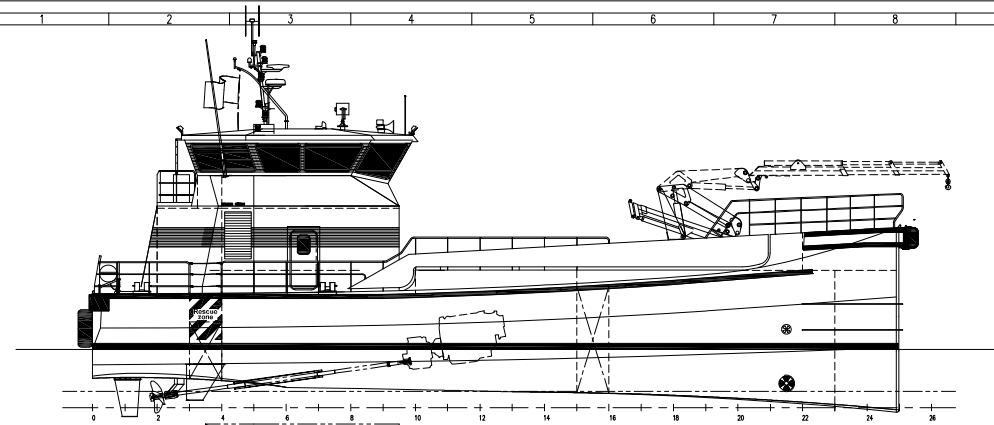
NAVIGATION & COMMUNICATION EQUIPMENT

Fixed VHF	: 1 x Sailor 6222 & 1 x Sailor 6210
Portable VHF	: 2 x Sailor SP 3520
MF/ HF/ DSC	: 1 x Sailor 6301
Navtex	: 1 x JRC NCR-333
Auto Pilot	: 1 x Alphanon MFC
Magnetic Compass	: 1 x Alphanon SR 4
AIS	: 1 x JRC – JHS183
GPS	: JLR – 21 / 31
GMDSS	: A1 + A2
Radar	: (X – Band) JRC – JMA – 5222
EPIRB	: 1 x MCMURDO E5
SART	: 1 x MCMURDO – S4
Intercom / P.A System	: Alphanon
CCTV	: 3 Nos (Aft & Forward)
Night Vision Camera	: 1 Nos (Forward on top of Wheelhouse)
Satcom	: Mini V-Sat

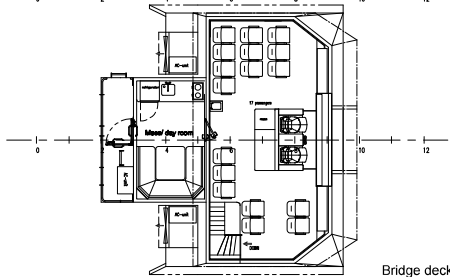
ACCOMMODATION

1 Man Cabin	: 1 No
4 Man Cabin	: 1 No
Total	: 5 Persons
Passenger Seats	: 35 Nos
Pantry	: 2 Nos
Mess Room	: In-Built adjacent to Wheelhouse

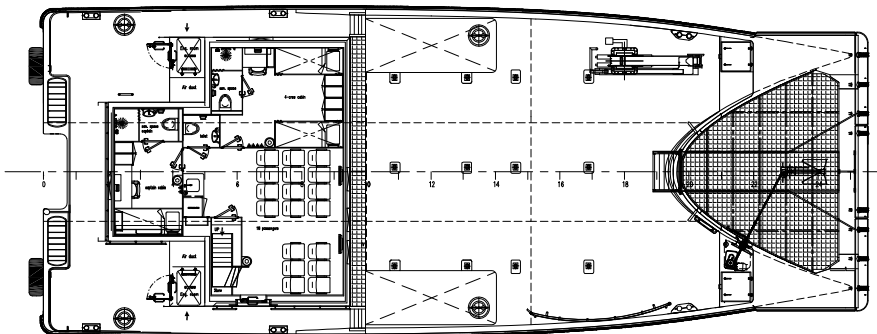
All Cabins are Fully Air Conditioned



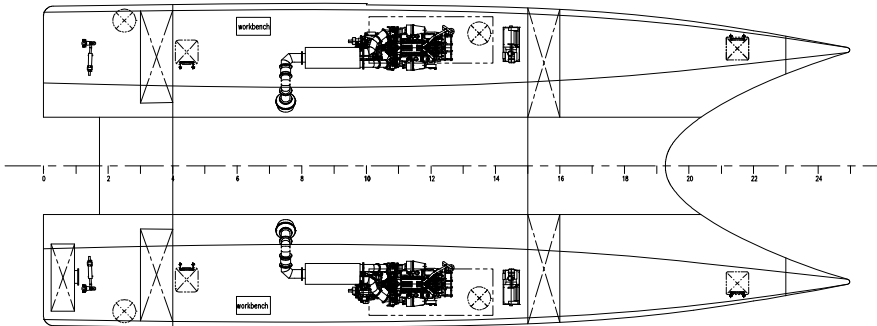
Profile



Bridge deck



Main deck



Below maindeck

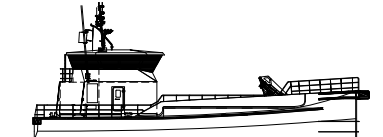
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 Rotterdam, 21-Jul-2015

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 The plan approval office

Damen

Fast Crew Supplier 2610[®]

TWIN AXE



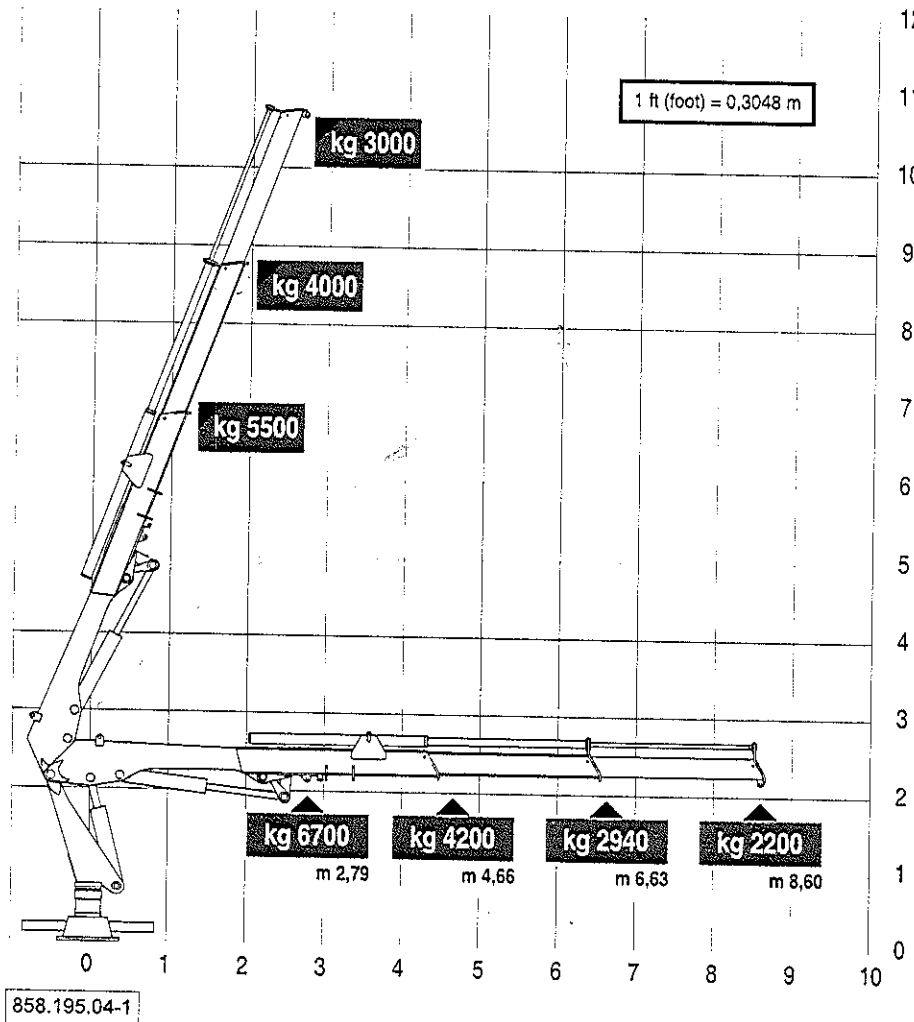
Principal dimensions:

Length o.a.	26.30 m
Beam o.a.	10.40 m
Depth at sides	2.90 m
Draught aft (approx.)	2.20 m

REV. DATE		DRWN	CHKD	APPRD	REVISION	SUBJECT																																							
<p>DAMEN DAMEN SHIPYARDS CORINCHEM</p> <p>Industrieweg Achterweg West 20 P.O. Box 1 4200 AA Corinchem The Netherlands phone +31 (0)183 63 89 11 info@damen.nl 4202 AS Corinchem The Netherlands fax +31 (0)183 63 21 89 www.damen.nl</p> <p>COPYRIGHT DAMEN SHIPYARDS GROUP</p> <table border="1"> <tr> <td>DRAWN</td> <td>V.Eisse</td> <td>FORMAT</td> <td>A1</td> <td>PROJECTION</td> </tr> <tr> <td>CHECKED</td> <td></td> <td>SCALE</td> <td>1:75</td> <td></td> </tr> <tr> <td>APPROVED</td> <td></td> <td>DATE</td> <td>18-05-2015</td> <td></td> </tr> </table> <p style="text-align: center;">General Arrangement</p> <table border="1"> <tr> <td>COMP NO</td> <td>TYPE</td> <td>FCS 2610</td> <td>DERIVED FROM DWG</td> </tr> <tr> <td>SECT NO</td> <td>YARD NO contractor</td> <td>532528</td> <td>DWG NO</td> </tr> <tr> <td></td> <td>YARD NO building yard</td> <td></td> <td>532528-000-001</td> </tr> <tr> <td></td> <td></td> <td></td> <td>SHEET</td> </tr> <tr> <td></td> <td></td> <td></td> <td>REVISION</td> </tr> <tr> <td></td> <td></td> <td></td> <td>-</td> </tr> </table>							DRAWN	V.Eisse	FORMAT	A1	PROJECTION	CHECKED		SCALE	1:75		APPROVED		DATE	18-05-2015		COMP NO	TYPE	FCS 2610	DERIVED FROM DWG	SECT NO	YARD NO contractor	532528	DWG NO		YARD NO building yard		532528-000-001				SHEET				REVISION				-
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Il diagramma si riferisce all'utilizzo della gru in stato di mare "0", o in uso portuale.

The diagram refers to the using of the crane in sea state "0", or in a harbour condition.



104a

Diagramma delle portate ad argano

Loadings diagram with winch

Il diagramma si riferisce all'utilizzo della gru ad argano in stato di mare "0" o in uso portuale.

Qualora la gru venga utilizzata off-shore con condizioni di mare più gravose, occorre consultare il Costruttore per la definizione delle nuove portate di carico o dei parametri di riduzione.



ATTENZIONE

In presenza di un sovraccarico, il limitatore di momento installato sulla gru blocca tutte le movimentazioni della gru. Con la gru in blocco, l'unica manovra di riarmo ammessa è il rientro degli elementi telescopici.

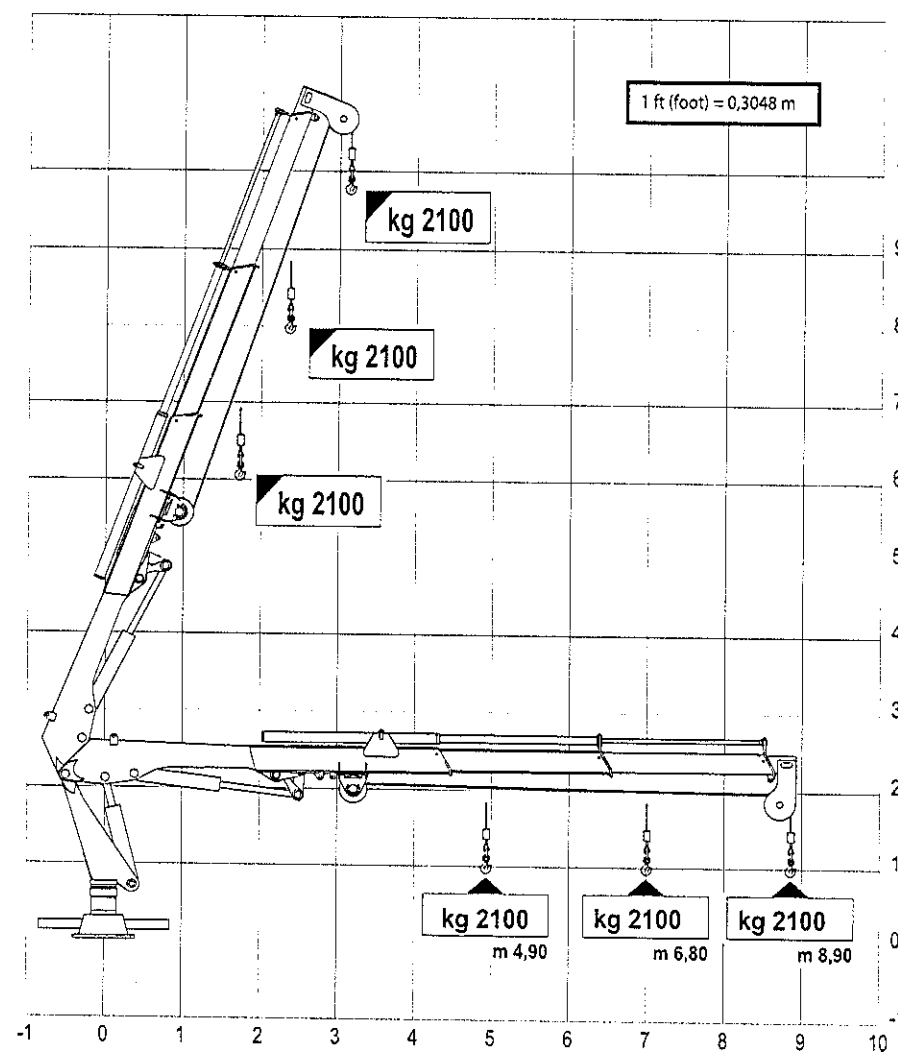


ATTENZIONE

Un limitatore di tiro è installato tra la piastra di fissaggio argano e l'argano. La funzione del limitatore di tiro è quella di proteggere la struttura meccanica dell'argano.

Questa situazione può verificarsi quando l'operatore tenta di sollevare un carico superiore al tiro ammesso dall'argano, mediante i cilindri di movimentazione della gru.

(*) Portata limitata idraulicamente.



The diagram refers to the using of the crane with winch in sea state "0" or in a harbour condition.

If the crane is used in Off-shore state with more heavy sea state conditions, it is necessary to consult the manufacturer in order to establish the new capacities or the reduction parameters.



ATTENTION

A limiting device **LOAD MOMENT** is fitted in such a way that all crane functions stops at the time of crane overload. At this moment of overload, the crane can only be used again after resetting by the retraction movement of the extension cylinder



ATTENTION

A limiting device **WINCH LINE PULL** is installed between crane arm and winch plate to protect the winch against overload. This situation can occur when the operator try to hoist with the cylinders a heavier load than the permitted line pull of the winch.
(*) Hydraulic limited capacity