



**TSM LOCH**

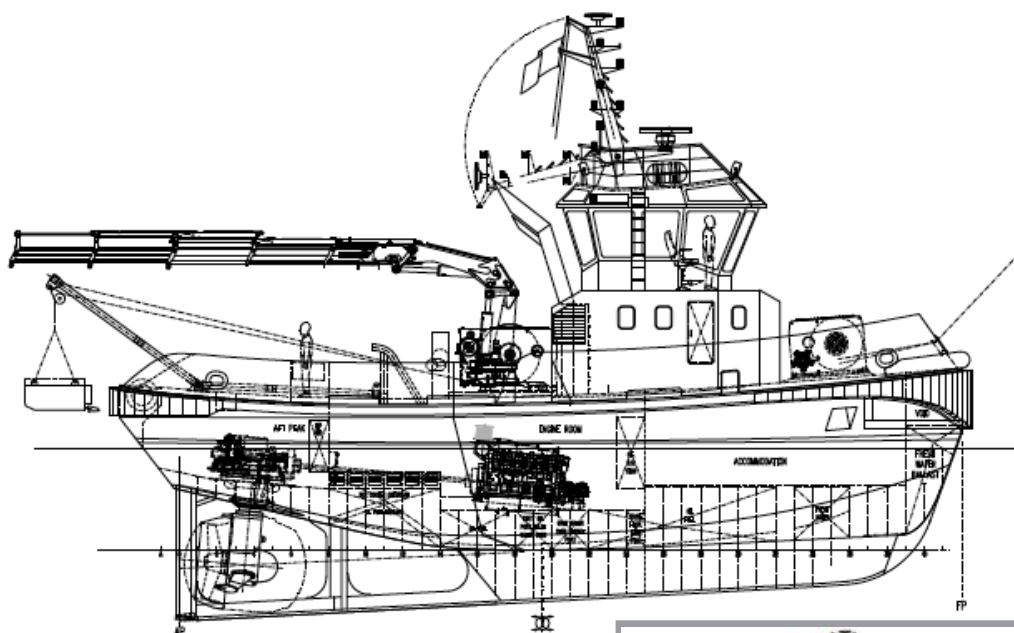
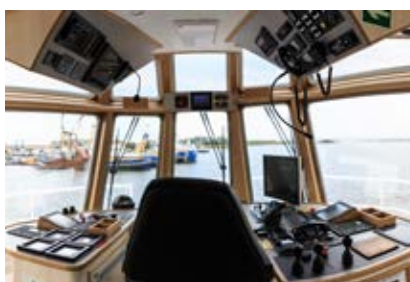
<u>Lenght OA</u>	21,20 m
<u>Beam</u>	8,20 m
<u>Draft (max)</u>	4,20 m
<u>Air draft</u>	10,70 m - 7,50 m
<u>Gross tonnage</u>	150 UMS
<u>Builder</u>	Padmos (Holland)
<u>Year built</u>	2016
<u>Flag</u>	French 
<u>Homeport</u>	Rouen
<u>Call sign</u>	FAD 4827

<u>Classification</u>	BV I - HULL - MACH TUG COASTAL AREA AUT - UMS
<u>Navigation</u>	3 <sup>rd</sup> category 20 miles

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## Performances

Maximum speed	11 knots
Bollard pull	33 tons

## Bunkers

Fuel oil	30 m <sup>3</sup>
Fresh water	7 m <sup>3</sup>

## Propulsion - Machinery

Main engines	2x Mitsubishi S12R 2x 1040 KW
Thrusters	2x RR Aquamaster 155
Auxiliary engines	2x Mitsubishi 565 2x 45 KVA

## Towing equipments

Fore deck winch		Aft deck winch	
Wire capacity	250 m	Wire capacity	550 m
Tow line	56 mm rope	Cable	38 mm steel cable
Pull	34 tons	Pull	34 tons
Tugger winches (*2) Ridderinkhoff			
Wire capacity	50 m		
Tow line	28 mm		
Pull	10 tons		

## Accomodation

Double cabins	2
Single cabin	1
Bathroom/ toilets	1
Full-Air Conditionned	✓
Kitchen	✓
Galley in the wheelhouse	✓

## Communication - Navigation

GMDSS	A1	VHF DSC	2
Radar	✓	VHF handled	1
GPS	✓	Epirb	✓
GPS RTK	✓	Sart	✓
Magnetic Compass	✓	Auto pilot	✓
Satellite Compass	✓	PDS 2000	✓
AIS	✓		
Echo sounder	✓		
Speed log	✓		

## Deck equipments

Deck crane	Guerra M380 A4 12,35 t @ 2,90 m 5,40 t @ 6,30 m 2,62 t @ 11,70 m
Crane winch	2,7 tons 40 m of 14 mm cable
A Frame	SWL 10 tons
Plough	9,40 m beam
Folding mast	10,70 m - 7,50 m