



TSM MOLENE

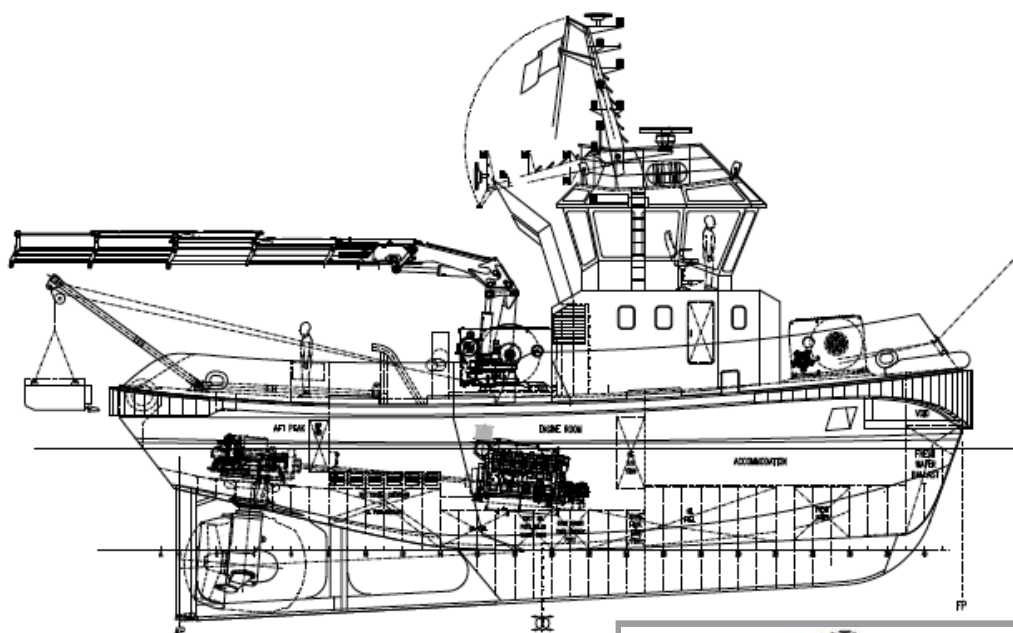
Lenght OA	21,20 m
Beam	8,20 m
Draft (max)	4,20 m
Air draft	10,70 m - 7,50 m
Gross tonnage	150 UMS
Builder	Padmos (Holland)
Year built	2015
Flag	French 
Homeport	Rouen
Call sign	FAD 4827

Classification	BV I - HULL - MACH TUG COASTAL AREA AUT - UMS
Navigation	3 rd category 20 miles

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Performances

Maximum speed	11 knots
Bollard pull	33 tons

Bunkers

Fuel oil	30 m ³
Fresh water	7 m ³

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