



General

Name	ACHILLES
Type	Berthing & FiFi Tug
Built by	Damen Shipyard
Built in	Holland
Year of build	1995

Dimensions

Length OA	37.15 m
Beam	10.93 m
Depth	5.00 m
Draft Aft - Loaded	4.50 m
GRT	481.00 t
Free Deck Area	140.00 m2

Propulsion - Machinery

Engines	2 x CAT 3606 D1-TA
BHP	2,012 bhp @ 1,000 rpm
Total BHP	4,024 bhp
Propulsion	2 x Iips CPP
Service Speed	14.25 knots
Bollard Pull	61.00 t
Spark Arrestors	Yes
Generators	2 x 200kW
Bow Thrust Type	Tunnel
Bow Thrust Power	261 kW

Deck Equipment

Aft Winch	Tugger Winch Only 5t
Forrd Winch	Windlass Only
Stern Roller	Nil
H' Bitts	1 fwd + 2 aft
Fendering	Rubber Fwd & Tyres
Anchors	2 x 800 kg HHP
Anchor Chain	2 x 495m of 30mm
Deck Crane	0.76t at 9.91m
Fender Lubrication	Prewetting
Dispersant Booms	2 x Portable

Capacities

Fuel	102.70 m3
Fuel Consumption	700 ltrs per hour
C.S.R.D	1,680 litres
Water	81.5 m3
Dispersant	15.2 m3
Foam	51.6 m3

Accommodation

Air Conditioning	Yes
Accommodation	2x1, 2x2, 2x3 berth
Total Berths	12 berths

Navigation / Communications

Radar 1	Furuno FR 2110
Radar 2	Furuno FR 2110
VHF 1	Sailor RT 2048
VHF 2	Sailor RT 2048
Hand Held radios	3
Autopilot	Sperry SR 660
SSB	Sailor Compac RE 2100
GPS	Trimble
Echo Sounder	Furuno FE 880
Gyro Compass	Sperry SR 220

Fire / Lifesaving Equipment

No of Monitors	2
Pumping Capacity	2,400 m3 per hour
Water Spray Curtain	Sihi maters 120 m3 / h
Liferafts	2 x 12 man
Fixed Installation	CO2

Builders Designation **Damenstan 3711**

Sisters **Aroosa & Sheem**

C.S.R.D. Fuel consumption at continuous speed rating 24h