

# dolphin red

AZIMUTH STERN DRIVE  
OCEAN GOING  
TERMINAL  
ESCORT  
OIL RECOVERY  
AHT

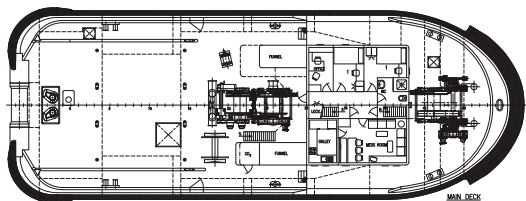
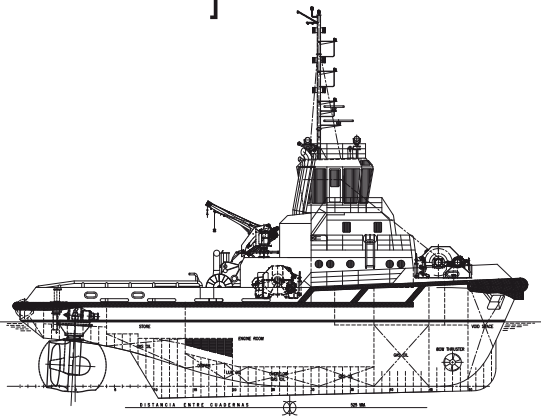


# REPASA

REMOLCADORES DE PUERTO Y ALTURA, SA

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# dolphin<sup>red</sup>



**OWNER / OPERATOR** REMOLCADORES DE  
PUERTO Y ALTURA, SA - REPASA  
Balenciaga S.A., Zumaiá, Spain

**YARD  
COMPLETED  
CAPABILITIES**

Completed May 2005  
Open Sea Towing  
Harbour & Terminal Tug  
Escort

**CLASS**

Oil Recovery Vessel  
Germanischer Lloyd  
+ 100 A5 Active Escort Tug,  
Oil Recovery Vessel,  
Enviromental Passport  
+ MC AUT, FIFI I  
GL No 111328

**FLAG / HOME PORT**

Portuguese / Madeira  
C.Q.O.V.

**CALL SIGN**

1361

**OFFICIAL NUMBER**

9319208

**IMO NUMBER**

255802960

**MMSI NUMBER**

**KVH TELEPHONE**

+ 870 773 153 765  
+ 870 783 156 332

**KVH FAX**

**INMARSAT C (1)**

425500053@c12.stratosmobile.net

**INMARSAT C (2)**

425500054@c12.stratosmobile.net

**GSM TELEPHONE**

+ 34 606 34 52 92

**E-MAIL**

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**DIMENSIONS**  
**LENGTH OVERALL** 33,00 m.  
**LENGTH B.P.** 28,65 m.  
**BREADTH** 12,00 m.  
**DEPTH MLD.** 5,60 m.  
**DRAFT MLD.** 4,30 m.  
**G.T. / N.T.** 474 / 142  
**DISPLACEMENT (MAX.)** 1.123

**ENGINES**  
**MAIN ENGINES** MAN B&W 7L27/38  
**K.W. / B.H.P.** 2 x 2.380 kw (4.760 Total)  
6.470 B.H.P. @ 800 rpm  
**AUX. ENGINES** CAT 3306  
**K.W.** 1 x 157 kw; 1 x 174 kw;  
380 volt. 50 hz

**PROPULSION**  
**PROPELLERS** STEERPROP (Azimuth thrusters)  
**TYPE** SP 35 (2.800 mm. diam.)  
**BOW THRUSTER** JASTRAM  
**TYPE** BU 40F (250 bhp) 3 tons. pull

**PERFORMANCE**  
**BOLLARD PULL AHEAD** Maximum 85,2 m.t. Average 83,0 m.t.  
**BOLLARD PULL ASTERN** Maximum 77,8 m.t. Average 76,5 m.t.  
**FREE RUNNING SPEED AHEAD** 13,50 knots  
**FREE RUNNING SPEED ASTERN** 12,50 knots  
**ESCORT STEERING FORCE** 93 tons @ 8 kts. / 115 tons @ 10 kts.

**CAPACITIES**  
**FUEL OIL** 248 / 338 c.m.  
**LUBE OIL** 3 c.m.  
**HYDRAULIC OIL** 3 c.m.  
**DIRTY OIL** 3 c.m.  
**FRESH WATER** 42 c.m.  
**DISPERSANT** 9 c.m.  
**FOAM** 24 c.m.  
**RECOVERY OIL** 90 c.m.  
**DECK SPACE** 105 sq. m. (12,4 m. x 8,5 m.)  
**DECK STRENGTH** 5 tons/sq.m. all over  
**DECK LOAD CAPACITY** 36 tons.

**CONSUMPTION**  
**IN PORT** 0,8 c.m.  
**STAND BY** 3,0 c.m.  
**ECONOMIC SPEED (10 kts)** 7,0 c.m.  
**MAXIMUM SPEED (13,5 kts)** 12,0 c.m.  
**TOWING (6-7 knots)** 12,0 c.m.

**TOWING EQUIPMENT**  
**TOWING WINCH FORWARD** 115 tons pull  
200 tons brake, + anchor windlass  
**TOWING WINCH AFT** 2 drums waterfall 80 tons pull  
200 tons brake.  
**TUGGER WINCH** 6 tons pull / 15 tons brake  
**LINES FORWARD** 1 x 200 m. Dyneema SK75,  
60 mm. (260 T. M.B.L.)  
1 x 800 m. + 1 x 200 m.  
**LINES AFT** steel wire 54 mm. (210 T. M.W.L.)

**DECK EQUIPMENT**  
**CRANE** Palfinger PK32080MD 1,3 tons @ 16 m.  
**TOWING PINS** Karmoy hydraulic towing pins.  
S.W.L. 200 tons.  
**STERN ROLLER** Diameter 1.100 mm.  
Breathth 3.000 mm. S.W.L. 200 T.  
**SHARK JAWS** Karm Fork, S.W.L. 200 T.

**NAVIGATION**  
**RADARS** 1 x Simrad RA95P 25 kw.  
1 x Simrad CR 54 12 kw.  
**CHART PLOTTER** 1 x Simrad CR 54  
**DGPS** 2 x Simrad GN 33 SDGPS  
**GYROCOMPASS** 1 x Simrad GC 80 + repeater  
**AUTOPILLOT** 1 x Simrad AP 50  
**ECHOSUNDER** 1 x Simrad GDS 101  
**AIS** 1 x Simrad AI 70  
**JOYSTICK** Promartec Automatic Position  
Keeping (Semi DP)

**COMMUNICATIONS**  
**RADIO EQUIPMENT** According to GMDSS Area 3  
Skanti TRP 1251 S  
**MW/SW** 2 x Thrane & Thrane TT-3020 C  
**INMARSAT - C** 1 x Skanti 1000 DSC  
**V.H.F.** 2 x Skanti 1000 P  
**V.H.F.'S** 1 x Skanti 1000 P  
**PORTABLE V.H.F.'S** 3 x Simrad Navico Axis 50  
**COSPAS-SARSAT** McMurdo E3A  
**SART** 2 x MacMurdo / S4 Rescue Sart  
**NAVTEX** JRC - NCR 330  
**SATELLITE COMMUNICATION** KVH Fleetbroadband 500

**ACCOMMODATION**  
**CABINS** 4 x 1 man cabins / 1 x 4 men cabin  
**OTHERS** Galley / Messroom / Dayroom /  
Office / Laundry / etc.

**FIRE FIGHTING EQUIPMENT**  
**FIRE PUMPS** 1 x 2700 c.m./hr. @ 15 bar  
2 x 1200 c.m./hr. Water/foam monitors  
**FIRE MONITORS** 4 equipments  
**FIREMAN'S OUTFITS** 2 x 4 connections for hoses port  
and starboard  
**DECK**

**DECK SUPPLY**  
**AIR** 1 outlet for working air on deck  
**CAPACITY** 3.000 l/min. @ 7 kgs.  
**ELECTRIC POWER** 380 V x 100 Amp.

**GENERAL**  
**A.C.** Accomodation fully air conditioned  
w/ independent a.c.  
**E.C.R.** 2 cameras on mast for main deck  
+ 2 in engine room  
**C.C.T.V. WITH VCR** Fitted with 25 hp o/b motor. 6 persons  
2 x 8 persons Zodiac  
**M.O.B. BOAT** According with class  
**LIFERAFTS** Deck fittings for fixed instalation o/b  
**SURVIVAL SUITS** Intec-Thermal oil plant ET 150 - 20 VS  
**OIL BOOM**  
**BOILER**