

TUG / SUPPLY BOAT SPECIAL No 2



Special 003 ****TUG / SUPPLY BOAT SPECIAL *** July 2002

GALDAMES



The **GALDAMES** at the ITS 2002 tug Parade, the Galdames is one of a quartet of Voith tractors owned by Bilbao based Ibaizabal end built by Zamakona.

ZEUS

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With its paint hardly dry, **Zeus 1** pulled away from Zanakona's fit-out quay and travelled a mere 100 m before joining the traditional tug parade held during the ITS 2002 Convention. The 50-tonne bollard pull vessel will shortly be leaving for Port of Spain, Trinidad, where it will be re-registered and the name reduced to simply **Zeus**. An identical sister, **Apollo** is under construction. These are conventional ASDs measuring 30.83 x 9.50 m and powered by a pair of Niigata 6L26HLX diesels, each developing 2,000hp at 750 rev/min, turning ZP 31 thrusters to give a bollard pull of 50 tonnes.



TWO COMPACT ASD's FOR VIGO



Alejandro Jose and **Paula S**, a pair of 20m ASDs, are the first tugs to be built by Factoria Naval de Marin in Spain. Delivery of the second vessel has just taken place, five months after delivery of her sister, to the Vigo-based operator Remolcanosa. Although the tugs are designed for harbour operations with a

three-man crew, each of the cabins has an overhead berth to double the sleeping accommodation if necessary. Measuring 20.00m overall 8.2 m moulded breadth with maximum draft of 3.25m, the identical vessels are both powered by two diesels, each developing 1100 hp by 1,800 rev/min. These turn Schottel type SRP 550FP Rudder propellers to give a bollard pull of 25 tonnes.

NEW SHIPS FOR THE KINGDOM OF SAUDI ARABIA



The Seaports Authority of the Kingdom of Saudi Arabia will soon be enjoying the benefits of six brand new Voith fire fighting tractor tugs in Inner harbour and offshore operations around its coasts in the Red Sea and Arabian Gulf. Designed in Germany by the Marine Design & Research Institute and built by Yantai Raffies in China, all the vessels are virtually identical in size and lay

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out but half of them are of 4,000hp whilst the others have only 3,000 hp.

Radhwa 18, **Radhwa 19** and **Damman 5** measure 34.00 m x 10.60 m , overall and have a design draft of 4.69 m. Power is provided by a pair of Deutz MWM model SBV 8M628 engines. each developing 1530kW at 1,000 revs/min these turn Voith Schneider 28G11/185 cycloidal propulsors located forward in true tractor configuration to give a bollard pull of 42 tonnes and a free speed of 12 knots at 85 per cent MGR.



As mentioned before, the three other tugs, **Damman 4**, **Jeddah 31** and **Jubail 28**, are virtually identical except that they have the 6M628 versions of the same engine series, each developing 1270kW at 1.000 revs driving 28G11/I65 Voith propulsors, to give a bollard pull of 35 tonnes, and a unclassified fire-fighting system, again supplied by Counterfire, consisting of Kumera-Norgear driven pumps of 850 m/hr and 600m/hr in a similar arrangement to that of the more powerful sisters

TUGS DELIVERED BY DAMEN



NANKI

DAMEN ASD Tug 3110

KIANDA

DAMEN ASD tug 3211



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LADY LAURA

DAMEN ASD tug 3111

KNIGHTBUSTER / AFON BRAINT



Left: the **KNIGHTBUSTER** as build which was sold July 2002 to Holyhead Towing and renamed **AFON BRAINT**



Right : The **AFON BRAINT**

Photo: Leen van der Meijden ©

Dimensions	20.50 x 6.95 mtrs.
Draught	1.80 mtrs.
Propulsion	twin screw, fixed pitch propellers in nozzles
Main engines	2x Caterpillar, type 3408 B TNB
Output	940 hp at 1800 rpm
Auxiliary	Lister 32 KVA 220/380 V 50 Hz Hatz 15 KVA 220/380 V 50 Hz
Bollard pull	12 tons
Speed	10 knots

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POSEIDON

DAMEN STANTUG 2207

Length o.a: 22.50 m
Beam o.a: 7.25 m
Draught aft: 3.30 m
Bollard pull astern: 38.0 ton (m)
Speed: 12.3 knots
Main engines: 2x Caterpillar 3512B TA
Total power: 2104 bkW (2822 bhp) at 1600 rpm

BARBADOS II

DAMEN STANTUG 3110

Length o.a: 30.82 m
Beam o.a: 10.20 m
Draught aft: 4.80 m
Displacement: 425 ton
Bollard pull astern: 51.5 ton (m)
Bollard pull ahead: 75.5 ton (m)
Speed: 13.0 knots
Main engines: 2x Caterpillar 3606 TA/MC
Total power: 2x 2000 bkW (5364 bhp) at 1000 rpm



VS HAMBURG



De **VS Hamburg** is de ex **Farge** van URAG, gebouwd in 1983 bij Detlef Hegemann Rolandwerft in Bremen.

Afm. 28.14 x 8.80 x 4.50. 207 brt. 2x Deutz diesel motoren SBV 6M 628, totaal vermogen 2.176 bhp. Paaltrek 25 ton.

Foto / Tekst :
Leen van der Meijden ©

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HIGHLAND NAVIGATOR



Thales GeoSolutions has signed an agreement with Gulf offshore initially for 3 years but with the option to extend for the charter of the 84m **HIGHLAND NAVIGATOR**

MILLENIUM DAWN

The newest tug delivered by te MARCO shipyard in Seattle is the **MILLENIUM DAWN**, the boat is 32 m long and built for Harley Marine Services and it will join her sistership **MILLENIUM STAR** and **MILLENIUM FALCON**.

The Bollard pull for these vessels is 59 ton and a max speed of 13,5 knots



32 x 11.2 x 5.03 (depth) mtr, 2 Caterpillar 3516B providing 4400 HP which are driving Z-drive units

HAVE A LOOK AT THE FOLLOWING **SITES** FOR SHIPPING INFO AND PICTURES OF SHIPS AROUND HOEK VAN HOLLAND AT :

<http://www.scheepvaarthoek.nl>

&

<http://www.mcf-rotterdam.nl>

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AHT/S/MPAHTS vessels currently under construction

Owner/VSL	Type	Yard	Price (M)	Delivery	Contract
Augusta Offshore	120 BP	ISA Production	nr	12/02	Uncommitted
Atlantic UT 722	UT 722	Irvines		12/02	Uncommitted
Atlantic UT 722	UT 722	Irvines		06/03	Uncommitted
Boa Giant	20,000 VS 480	Dalian/China	N/R	05/02	AOT
Boa Herkules	20,000 VS 480	Dalian/China	N/R	05/2002	Uncommitted
BUE AHTS		Ulstein Verft		11/2002	Agip Khazakhstan
Delba Maritima	UT 722	Keppels Fels	\$30	2003	Uncommitted
Delba Maritima	UT 722	Keppels Fels	\$30	1Q/2004	Uncommitted
Delba Maritima	UT 722	Keppels Fels	\$30	1Q/2004	Uncommitted
Normand Mariner	A101	Ulstein Verft	NOK 300	09/02	Uncommitted
Far Saltire	UT 728L	Orskov	NR	03/02	Uncommitted
Finarge	180 t BP	Havyard	NR	01/03	Uncommitted
Gulf	UT 722 L 16,320 BHP	Soviknes	US\$29.2	12/02	Uncommitted
Gulf	UT 722 L 16,320 BHP	Aker Brattvaag	US\$30.2	09/03	Uncommitted
Gulf	UT 722 L 16,320 BHP	Aker Brattvaag	US\$30.2	4Q/03	Uncommitted
Finarge Rimochiatori	AHTS Moss424	Havyard	NR	Q1/03	Uncommitted
IOS/PR International	UT 712 12,240	Simek	NR	03/03	Uncommitted
IOS/PR International	UT 712 12,240	Simek	NR	07/03	Uncommitted
Island Offshore	UT 722L	Langsten	NKR32.5	01/03	Uncommitted
Island Offshore	UT 722L	Langsten	NKR32.5	03/03	Uncommitted
KeppelFELS	3 x UT 722 DP	Delba Maritima	USD 30	12/04	Petrobras
Klyne Tugs	UT 719 2	Yantai Raffles	NR	01/02	HMC
Klyne Tugs	UT 719 2	Yantai Raffles	NR	01/02	HMC
Maersk Supply Service	23,500 Maersk	Volksverft strad	NR	03/03	Uncommitted
Maersk Supply Service	23,500 Maersk	Volksverft strad	NR	04/03	Uncommitted
Maersk Handler	UT 722L	Langsten	NR	05/02	Uncommitted
Maersk Helper	UT 722L	Langsten	NR	07/02	Uncommitted
Olympic (Explorer 3)	A101,23100	Norway	Nok 300 m	12/02	Uncommitted
Solstad Offshore Asa	A101	Ulstein verft	NOK310	03/03	Uncommitted
TFDS AHTS	UT 710	Brevik		05/03	Uncommitted
Pacific Warrior	UT 710	Brevik	NR	05/02	Exxon Mobil
Pacific Worker	UT 710	Brevik	NR	10/02	Uncommitted
Pacific Warden	UT 710	Brevik	NR	12/02	Uncommitted
Pacific Warlock	UT 710	Brevik	NR	03/03	Uncommitted
Pacific Ranger	UT 738	INP Korea	USD 13.8	02/02	Uncommitted
Pacific Retriever	UT 738	INP Korea	USD 13.8	03/02	Uncommitted
Pacific Raider	UT 738	INP Korea	NR	06/02	Uncommitted
Pacific Rigger	UT 738	INP Korea	NR	08/02	Uncommitted
Pacific Pilot	UT 710	INP Korea	NR	12/02	Uncommitted
Pacific Pioneer	UT 710	INP Korea	NR	02/03	Uncommitted
Pacific Patriot	UT 710	INP Korea	NR	04/03	Uncommitted
Pacific Provider	UT 710	INP Korea	NR	06/03	Uncommitted
Pacific Rover	UT 738	Pan United	NR	12/02	Uncommitted
Pacific Runner	UT 738	Pan United	NR	02/03	Uncommitted
Tidewater	VS486	Yantai Raffles	USD 35	02/02	Uncommitted
Tidewater	VS486	Yantai Raffles	USD 35	05/02	Uncommitted
Tidewater	VS486	Yantai Raffles	USD 35	08/02	Uncommitted
Tidewater	VS486	Yantai Raffles	USD 35	11/02	Uncommitted
Tidewater	VS486	Yantai Raffles	USD 35	02/03	Uncommitted
URS	UT 722	Orskov	NR	01/03	Committed TBC

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Owner/VSL	Type	Yard	Price (M)	Delivery	Contract
Augusta	UT 755L	Orskov		12/02	Uncommitted
CBO Tbn	UT 755	Brazil	US\$12	02/02	Petrobras
DOF Tbn	MT 6000	Miyklebust	NOK 200	11/02	Statoil
DOF Tbn	MT 6000	Fitjar	NOK 200	11/02	ASCo
Edison Chouest	UT 755L	Estaleiro Promar	NR	03/03	Uncommitted
Edison Chouest	UT 755L	Estaleiro Promar	NR	03/03	Uncommitted
Malaviya 18	UT 755L	Aker Brattvaag	NOK 119	05/02	ONGC
Gulf	UT 755 L	Aker Brattvaag	US\$ 12.1	05/03	Uncommitted
Gulf	UT 755 L	Aker Brattvaag	US\$ 12.1	05/03	Uncommitted
Gulf	UT 755 DP	Aker Brattvaag	US\$ 14.6	03/03	Uncommitted
Gulf	UT 755	Aker Brattvaag	US\$ 12.7	10/02	Uncommitted
Gulf	UT 755L	Estaleiro Promar	US\$16	04/04	Uncommitted
Havila Tampen	UT 745	Kleven	NOK 211	07/02	Norsk Hydro
Hagenaes Shipping	UT 755L	Brattvaag	NOK 130	07/03	Uncommitted
IOS TBN	UT 755L	Brevik	NOK 130	0/03	Uncommitted
Devries Tide	UT 755	Simek	NOK 120	07/02	3yr BB T.water
Mokster/Eidesvik	VS 490	Aukra	NOK 230	06/02	Statoil
Mokster/Eidesvik	VS 490	Aukra	NOK 230	11/02	Uncommitted
Mokster/Eidesvik	VS 4403LNG	Klevin	NOK 280	12/02	Statoil
Mokster/Eidesvik	VS 4403LNG	Klevin	NOK 280	04/03	Statoil
MareAlta Naveg	UT 755L	Brazil	NOK 133	12/02	Uncommitted
North Star	UT 755L	Brattvaag	£11	03/03	Uncommitted
Norskan Offshore Ltda	UT 755L	Estaleiro Promar	US\$16	07/03	Uncommitted
Norskan Offshore Ltda	UT 755L	Estaleiro Promar	US\$16	02/04	Uncommitted
P/R International	UT 755L	Brevik	N/R	09/03	Uncommitted
Sealion	Global 1000 project	Appeldore	NR	10/02	Uncommitted
Normand Flipper	UT 745E	Kleven Slot	NOK205	10/02	Uncommitted
Secunda TBN	UT 755	Simek	NOK 126.5	12/02	Uncommitted
Surf SAS	UT 755L DP	Orskov	NR	11/02	Uncommitted
Surf/Eidesvik	VS 470	Karmsund Maritime	NOK 125	01/03	Uncommitted
Surf/Eidesvik	VS 470	Wescon Yard	NOK 125	12/02	Uncommitted
SBS Logistics	VS 470 Mk II	Karmsund	£9.6	04/03	Uncommitted
Rigdon Tide	UT 755 L	Brevik	NR	07/02	Uncommitted
Tidewater	UT 755	Promar		12/02	Uncommitted
Tidewater	VS 480	ST Marine	NR	02/02	Uncommitted
Tidewater	VS 480	ST Marine	NR	09/02	Uncommitted
Tidewater	VS 480	ST Marine	NR	06/02	Uncommitted
Tidewater	VS 480	Quality Ship	NR	06/02	Uncommitted
Tidewater	VS 480	Quality Ship	NR	02/03	Uncommitted
Trico	UT 745	Havyard Leirvik	NOK 200	05/02	Canyon Offshore
Trico	UT 745	Havyard Leirvik	NOK 200	08/02	Uncommitted
Waveney Shipping Ltd	UT 755L	Brattvaagrfi	NOK 130	04/03	Uncommitted

DPMPV vessels currently under construction

Owner/VSL	Type	Yard	Price (M)	Delivery	Contract
Island Offshore V	UT 737	Aker Brattvag	NR	07/03	Uncommitted
Normand Flower	UT 737	Sovikness		08/02	Uncommitted
Normand Mermaid	P103	Ulstein	NR	05/02	Deepocean
Ostensjo Rederi	VS 498	Flekkefjord	NOK 320	08/02	Uncommitted
Ostensjo Rederi	ST 253	TBA	NOK 250	2003	Deepocean (Hydro)
Olympic Orion	MT6016	Ulstein	NOK 230	07/02	Uncommitted
North Star	IMT Design	Astilleros Bal.	£13 Mill	2003	Uncommitted
Sealion	MPSV	Van de Gissen	NR	05/02	Uncommitted
Surf	VS 450	Keppel	NR	07/02	Elf Congo
Uksnoy	KE1874	Aukra	NK250	03/03	Stolt

Source : The STEWART GROUP and International TUG & SALVAGE