



JMU completes 302,000DWT crude oil tanker, GEM NO.1



Japan Marine United Corporation (JMU) delivered the GEM NO.1, a 302,000 DWT Crude Oil Tanker, to GEM NO.1 MARITIME CORPORATION at the Ariake shipyard on June 30, 2016. This is the first vessel of the “G-Series” VLCC called G302T.

The principal particulars of the GEM NO.1 have been designed to provide flexibility for worldwide trade by achieving both compact hull form and large deadweight at shallow draft. The vessel has been developed drastically reducing fuel oil consumption together with CO₂ emission compared with existing vessels.

Excellent hull performance was achieved by using various and comprehensive technologies, which include advanced lower resistance hull form and optimized energy saving devices of the SSD (Super Stream Duct), Surf-Bulb (Rudder Fin with Bulb) and ALV-Fin (Advanced Low Viscous Resistance Fin). Furthermore, the unique bow shape, called the “Ax-Bow,” gives better performance in waves under the laden condition.

The vessel’s fuel oil consumption was further improved by a MAN Diesel & Turbo model G-type electronically controlled marine diesel engine, which complies with MARPOL NO_x regulation (Tier II), and a high efficiency propeller.

To ensure safety and maintenance, the IMO Performance Standard for Protective Coatings (PSPC) is applied for the cargo oil tanks and ballast water tanks. The vessel is also designed to comply with future environmental rules and regulations by installing the Ballast Water Management System, providing an inventory list of hazardous materials, and other features.

Principal particulars

L (o.a.) x B x D x d:	330.0m x 60m x 29.35m x 21.55m
DWT/GT:	302,652t/156,501
Main engine:	MAN B&W 7G80ME-C9.2 diesel x 1 unit
Speed, service:	15.80kt
Complement:	34
Classification:	ABS/CR



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MG EARTH

Owner: Cardinal Maritime S.A.
 Builder: Imabari Shipbuilding Co., Ltd.
 Ship type: Bulk carrier
 L (o.a.) x B x D: 228.95m x 35.0m x 14.45m
 DWT/GT: 66,593t/45,252
 Main engine: 6S60ME-C7.1 diesel x 1 unit
 Speed, service: 14.50kt
 Classification: NK
 Completion: June 17, 2016

**RB JAKE**

Owner: RB Shipping Ltd
 Builder: Japan Marine United Corporation
 Hull No.: 5081
 Ship type: Bulk carrier
 L (o.a.) x B (mld) x D (mld) x d (mld): 229.0m x 32.26m x 20.0m x 14.45m
 DWT/GT: 81,039t/43,278
 Main engine: MAN B&W 6S60ME-C diesel x 1 unit
 Speed: 14.5kt
 Complement: 25
 Classification: BV
 Completion: June 3, 2016

**NORTH SEA**

Owner: Indigo Marine Shipping S.A.
 Builder: Sumitomo Heavy Industries Marine & Engineering Co., Ltd.
 Hull No.: 1384
 Ship type: Tanker
 L (b.p.) x B x D: 224.64m x 42.00m x 21.45m
 DWT/GT: 106,200t/57,164
 Main engine: Mitsui MAN B&W 6S60ME-C8 diesel x 1 unit
 Speed, service: about 15.0kt
 Classification: LR
 Completion: July 27, 2016

**MARIA TOPIĆ**

Owner: Sumitomo Corporation
 Builder: Onomichi Dockyard Co., Ltd.
 Hull No.: 714
 Ship type: Bulk carrier
 L (o.a.) x B x D x d (ext.): 199.90m x 32.26m x 18.60m x 13.00m
 DWT/GT: 60,155t/34,905
 Main engine: Mitsui-MAN B&W 6S50ME-B9.3 diesel x 1 unit
 Speed, service: 14.5kt
 Registry: Majuro (Marshall Islands)
 Classification: LR
 Completion: June 14, 2016

**PLUMERIA CORAL**

Owner: Coral Canal S.A.
 Builder: Sasaki Shipbuilding Co., Ltd.
 Hull No.: 692
 Ship type: LPG carrier
 L (o.a.) x B x D x d (ext.): 99.98m x 17.20m x 7.80m x 6.10m
 DWT/GT: 5,016t/4,289
 Main engine: Hanshin Diesel MAN B&W 5L35MC diesel x 1 unit
 MCO: 2,750kW x 178min⁻¹
 Speed, service: 13.40kt
 Registry: Panama
 Classification: BV
 Complement: 18
 Completion: April 30, 2016

**BRISTOL TRADER**

Owner: Ratu Shipping Co., S.A.
 Builder: Shin Kurushima Dockyard Co., Ltd.
 Hull No.: S-5861
 Ship type: Chemical tanker
 L (o.a.) x B x D: 179.53m x 27.4m x 16.3m
 DWT/GT: 35,863/21,151
 Main engine: Mitsui-MAN B&W 6S50ME-B9.3 diesel x 1 unit
 Speed, service: 15.0kt
 Registry: Philippines (Manila)
 Classification: BV
 Completion: July 12, 2016

