

Nov. 28, 2014

Tokyo LNG Tanker Co., Ltd. builds a new type of LNG vessel

Tokyo Gas Co., Ltd.
Tokyo LNG Tanker Co., Ltd.

Tokyo LNG Tanker Co., Ltd. (headquartered in Minato-ku, Tokyo; “Tokyo LNG Tanker”), which is a 100% subsidiary of Tokyo Gas Co., Ltd., has signed today a contract for shipbuilding regarding one LNG vessel (165,000m³ tank capacity) with Japan Marine United Corporation (headquartered in Minato-ku, Tokyo; “JMU”), and has signed a Heads of Agreement regarding the joint ownership and 20-year charter of the vessel with Mitsui O.S.K. Lines, Ltd. (headquartered in Minato-ku, Tokyo; “MOL”).

The LNG vessel, scheduled to be delivered in 2017, will be used to transport LNG mainly for the U.S. Cove Point Project. The vessel will be able to pass through the enlarged Panama Canal. The new vessel’s containment system is SPB*, which was also used for two LNG vessels for which Tokyo LNG Tanker concluded a shipbuilding contract with JMU on February 28, 2014. MOL will take charge of ship management in accordance with the 20-year charter contract. When the vessel is delivered, the number of LNG vessels owned and managed by Tokyo LNG Tanker will be 13.

Tokyo Gas Group will aim to diversify and increase suppliers, and decrease material costs, by owning and operating its LNG vessels proactively.

* SPB: Self-supporting Prismatic-shape IMO type B. It is a containment system developed by IHI Corporation (headquartered in Koto-ku, Tokyo) and JMU. SPB enables maximum use of the space inside the hull and free designing of the shape of the hull for optimum fuel consumption.

(Reference 1) Company Profile of Tokyo LNG Tanker

- (1) Corporate name: Tokyo LNG Tanker Co., Ltd.
- (2) Established: March 5, 1991
- (3) Head Office: 1-5-20 Kaigan, Minato-ku, Tokyo
- (4) President: Tadashi Narushima
- (5) Businesses: Possession and leasing of vessels, marine transportation of LNG and LPG, etc.
- (6) Paid-in capital: ¥1.2 billion

(Reference 2) LNG vessels owned and maintained by Tokyo LNG Tanker

	Vessel name	Tank capacity (m ³)*1	Containment system	Shipbuilding (scheduled)	Ownership of Tokyo LNG Tanker	LNG projects
by the company Vessels owned and maintained	LNG Vesta	127,000	Moss	June 1994	35%	Australia extension Malaysia I, III Darwin Sakhalin II Gorgon Pluto, etc.
	Energy Frontier	147,000	Moss	Sept. 2003.	100%	
	Energy Advance	147,000	Moss	March 2005	90%	
	Energy Progress	147,000	Moss	Nov. 2006	0%	
	Energy Navigator	147,000	Moss	June 2008	70%	
	Energy Confidence	155,000	Moss	May 2009	70%	
	Energy Horizon	177,000	Moss	Sept. 2011	10%	
	No. 5070 vessel*2	165,000	SPB	(2017)	10%	Cove Point, etc.
	No. 5071 vessel*2	165,000	SPB	(2017)	70%	
	Newly built vessel (No. 5072 vessel)	165,000	SPB	(2017)	10%	
Vessels chartered to third party	LNG Flora	127,000	Moss	March 1993	10%	
	GDF Suez Neptune (Re-gasification Vessel)	145,000	Membrane	Nov. 2009	1.5%	
	GDF Suez Cape Ann (Re-gasification Vessel)	145,000	Membrane	June 2010	1.5%	

*1 Tank capacity means geometric volume.

*2 Two LNG vessels for which a shipbuilding contract was signed on Feb. 28, 2014

(Reference 3) Profile and image of LNG vessel

(1) Length overall: 299.9m

(2) Breadth molded: 48.9m

(3) Containment system: SPB tank method

(4) Tank capacity: 165,000m³

(5) Propulsion system: Tri fuel diesel electric

(6) Service speed: 19.5 knots

(7) Delivery: 2017

[Image]

