



## **NEWS RELEASE**

Singapore, 28 April 2017 | **Embargoed till 2:30pm**

### **Launch of Singapore's First Standard for Liquefied Natural Gas Bunkering** *TR 56 is another step towards Singapore becoming an LNG bunker-ready Port*

1. The first Singapore Technical Reference (TR) 56 for Liquefied Natural Gas (LNG) Bunkering was launched today by the Maritime and Port Authority of Singapore (MPA), SPRING Singapore and the Standards Development Organisation @ Singapore Chemical Industry Council (SDO@SCIC). This standard provides a safe, efficient, sustainable and transparent technical framework for conducting LNG bunkering operations in Singapore, thereby offering greater assurance to local and international LNG bunker buyers and suppliers. *(Please refer to attached fact sheet for more information on TR 56).*

2. Over the past three decades, Singapore has established herself as the world's top bunkering port. This has been supported by a strong Quality and Standards ecosystem and tools such as standards and accreditation schemes incorporated into Singapore's regulations to build trust and confidence in the sector. The Singapore Government has been working closely with industry players to advance the development of Singapore as a leading LNG bunkering and gas trading hub. A robust LNG bunkering sector in Singapore will also unlock new business opportunities in related services such as LNG trading and storage.

3. MPA's LNG bunkering pilot programme commenced early this year and will utilise TR 56 to guide the implementation of operational protocols by licensed LNG bunkering suppliers. This will help the industry gain operational experience in LNG bunkering. Capt M Segar, MPA's Assistant Chief Executive (Operations), said, "While it may take time for LNG to take off as a marine fuel globally, we have taken steps to

kick-start LNG bunkering in Singapore through our LNG Bunkering Pilot Programme, one of them being the development of TR 56. The document will ensure Pavilion Gas<sup>1</sup> and FueLNG, MPA's two appointed LNG bunker supplier licensees, conduct LNG bunkering operations of high quality with regards to safety as well as quantity and quality assurance."

4. Mr Michael Chia, Chairman of FueLNG Pte Ltd, said, "The Technical Reference provides strong guidance to LNG bunker licence holders on the operating parameters of LNG Bunkering. Of particular importance for this nascent industry are the guidelines on safety and reliability. FueLNG looks forward to contributing further to the enhancement of best practices that benefit the local industry and shipowners as well as to strengthen Singapore's status as an LNG bunkering hub."

5. Mr Darius Lim, Head of Corporate Affairs of Pavilion Energy Pte Ltd, said, "As a licensed LNG bunker supplier, Pavilion Gas is pleased to participate in developing the LNG bunkering value chain in Singapore. The TR 56 provides good guidance on LNG bunkering operations in Singapore and is a key component in the development of Singapore's LNG bunkering industry. Pavilion Gas looks forward to working with MPA, SPRING Singapore and industry stakeholders to refine TR 56 into a Singapore Standard for LNG bunkering in Singapore."

6. Mr Goh Tiak Boon, Chairman of the Technical Committee on LNG Bunkering<sup>2</sup> under the Singapore Standard Council, said, "TR 56 will support the adoption of LNG as a bunker fuel in the Port of Singapore to meet international requirements for environmental sustainability. It will also help the local LNG bunkering sector follow a uniformed set of good practices thereby enhancing efficiency, safety and transparency."

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<sup>1</sup> Pavilion Gas, a wholly-owned subsidiary of Pavilion Energy, is responsible for the marketing and distribution of natural gas in Singapore and the region, including small-scale LNG and LNG bunkering initiatives; and participates in LNG trading across the globe.

<sup>2</sup>The Working Group on LNG Bunkering is under the purview of the Chemical Standards Committee (CSC) managed by SDO@SCIC. The CSC is one of the standards committees of the industry-led Singapore Standards Council set up by SPRING Singapore, the national standards body.

7. “TR 56 paves the way for the bunkering industry to transform to meet the challenges of the future economy. SPRING will work with industry stakeholders to develop the necessary accreditation and conformity assessment schemes, and provide a range of assistance to SMEs in areas such as training, consultancy, certification and funding to support the LNG bunkering industry in adopting this Technical Reference,” said Ms Choy Sauw Kook, Assistant Chief Executive of SPRING Singapore.

<End of Media Release>

### **About Maritime and Port Authority of Singapore**

The Maritime and Port Authority of Singapore (MPA) was established on 2 February 1996, with the mission to develop Singapore as a premier global hub port and international maritime centre (IMC), and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's port and maritime development, taking on the roles of Port Authority, Port Regulator, Port Planner, IMC Champion, and National Maritime Representative. MPA partners the industry and other agencies to enhance safety, security and environmental protection in our port waters, facilitate port operations and growth, expand the cluster of maritime ancillary services, and promote maritime R&D and manpower development.

### **About Standards Development Organisation @ Singapore Chemical Industry Council**

In 2011, SPRING Singapore appointed SCIC as the SDO for the Chemical Standards Committee (CSC), one of the 10 Standards Committees under the national Standards Council administered by SPRING Singapore. SDO@SCIC's key functions are to manage national standards development projects under the CSC and encourage greater industry participation and awareness of standards. The CSC oversees 99 Singapore Standards and its key areas include bunkering, surface coatings, chemistry, nanotechnology and petroleum processes and products. Please visit [www.scic.sg](http://www.scic.sg) for more information about SDO@SCIC.

### **About the Singapore Standards Council**

The industry-led Singapore Standards Council (SSC), appointed by SPRING, approves the establishment and withdrawal of Singapore Standards and advises SPRING Singapore, the national standards body, on the directions, policies, strategies and priorities for the Singapore Standardisation Programme. The Council has appointed 10 Standards Committees to lead standards development and implementation in various functional areas. Under these Standards Committees, various Technical Committees and Working Groups, which comprise representatives from the industry, professional bodies, trade and consumer associations, academia and government agencies, are formed to undertake the preparation of standards. Please visit [www.spring.gov.sg/standards](http://www.spring.gov.sg/standards) for more information on SSC.

### **About SPRING Singapore**

SPRING Singapore is an agency under the Ministry of Trade and Industry responsible for helping Singapore enterprises grow and building trust in Singapore products and services. As the national standards and accreditation body, SPRING develops and promotes an internationally-recognised standards and quality assurance infrastructure. SPRING also oversees the safety of general consumer goods in Singapore. As the enterprise development agency, SPRING works with partners to help enterprises in financing, capability and management development, technology and innovation, and access to markets. Please visit [www.spring.gov.sg](http://www.spring.gov.sg) for more information about SPRING Singapore.

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