



Saga Dawn-LNGC.jpg

## First LNGC with new containment system completes gas trials

18 Jun 2019 by John Snyder

Saga LNG Shipping's new LNG carrier is the first with an LNT A-Box cargo containment system, using an IMO independent Type A tank



Singapore-based Saga LNG Shipping successfully completed gas trials for its new LNG carrier *Saga Dawn*, built with a new cargo containment system based on an IMO independent type A tank.

The gas trials for *Saga Dawn* were conducted over three weeks, with the 45,000-m<sup>3</sup> LNG carrier cooling down one of its three cargo tanks before loading approximately 2,300 m<sup>3</sup> of LNG at Shanghai LNG's Wuhaogou terminal. The vessel headed for anchorage to complete the gas trials.

The trials covered a full cool down and warm up of all three cargo tanks and tested the Wärtsilä dual-fuel main and auxiliary engines, gas combustion unit and cargo handling equipment. Immediately following warm up, each tank successfully completed global tightness testing to confirm the integrity of the secondary barrier system.

The testing was witnessed by representatives from Chinese shipbuilder China Merchants Heavy Industry, class society ABS, cargo containment system designer LNT Marine and Saga LNG Shipping.

Saga LNG Shipping chief executive David Wu said completing the gas trials marked a "milestone of the construction process" of *Saga Dawn* as the world's first LNG carrier with LNT A-Box cargo containment technology.

The LNT Marine A-Box design uses an IMO independent tank type A as the primary barrier, a conventional cargo tank support system and liquid-tight thermal insulation attached to the hull compartment which acts as a full secondary barrier. The self-supporting prismatic tanks allow for simple construction, flexible design and better utilisation of the hull space, according to Saga LNG Shipping.

Saga LNG Shipping will take delivery of *Saga Dawn* in July.

**MISTRAL** The Partner you need

+41 (0) 91 9702494

GAS SHIPS LNG WORLD SHIPPING SHIP BUILDING SHIP DESIGN / NAVAL ARCHITECTURE SHIPBUILDING & DESIGN



### Multipurpose Working Tool

- 9 different setups / Reusable products
- No training cost / 80-250 meters
- Specialized for rescue / SOLAS Approved
- Emergency towing / Shipped by air



RESTECH NORWAY Multi

### Editor's Choice



#### Rigs report: global offshore

- Emergency towing / Shipped by air

RESTECH NORWAY Multi

### Editor's Choice



#### Rigs report: global offshore drilling activity flat, but Brazil deepwater offers opportunities

New Alfa Laval PureSOx Express offers easy access to SOx scrubber advantages

SPONSORED BY ALFA LAVAL



#### Rigs report: global offshore drilling activity flat, but Brazil deepwater offers opportunities

New Alfa Laval PureSOx Express offers easy access to SOx scrubber advantages

SPONSORED BY ALFA LAVAL

Safeguarding the health of ballast water treatment systems

SPONSORED BY ALFA LAVAL

Capacity commitments to drive fast growth in demand for offshore wind ships