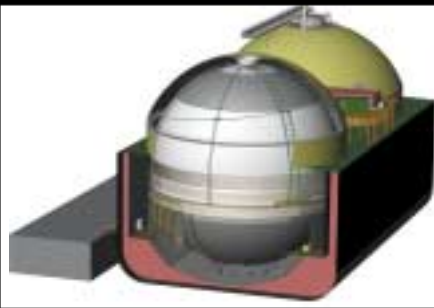


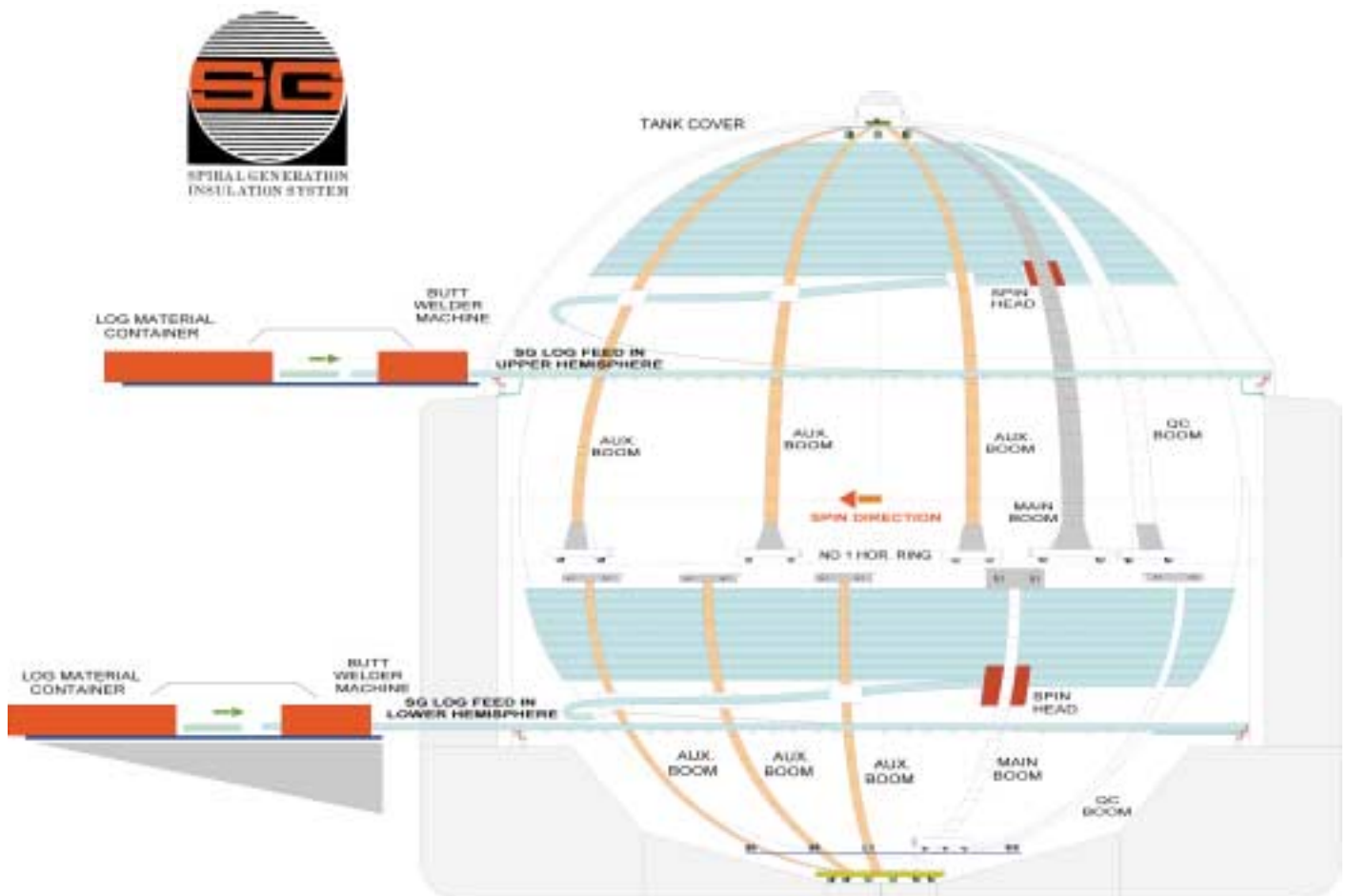
## SG Insulation System for LNG Cargo Tanks

Insulation Technology



# SG LNG CARGO TANK INSULATION SYSTEM

- Cryogenic cargo tank insulation system
- Can be applied on cylindrical and spherical tank geometries
- Semiautomated application technique
- Fast application, production method
- Less manpower dependent
- Easy material transport and handling
- Flexible on-site application solution
- Worldwide experience with long track record



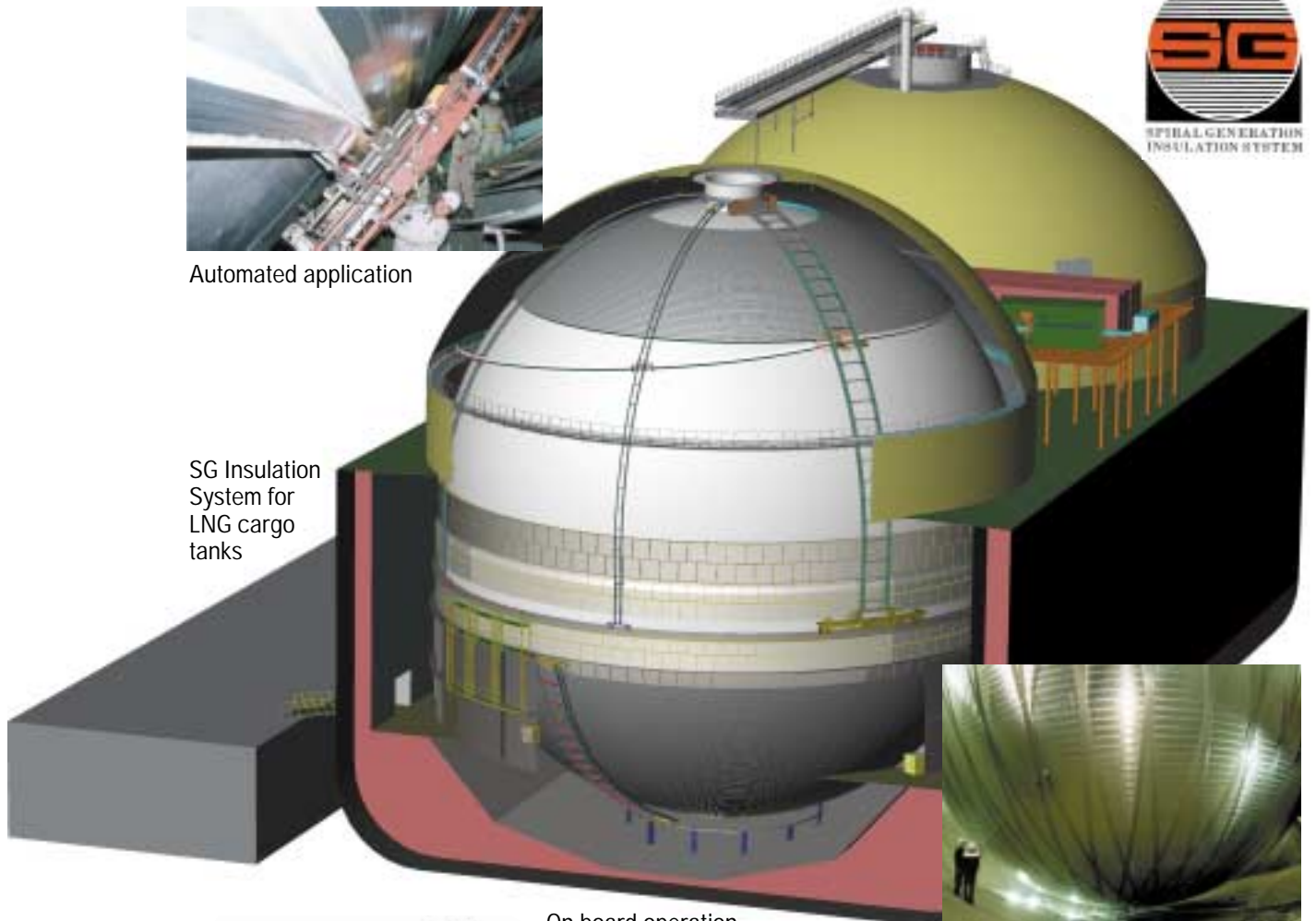
TI Marine Contracting's Spiral Generation (SG) technique for spherical cargo tanks has been applied on LNG vessels since 1973.

# SG LNG CARGO TANK INSULATION SYSTEM

## SG Insulation System Application



Automated application

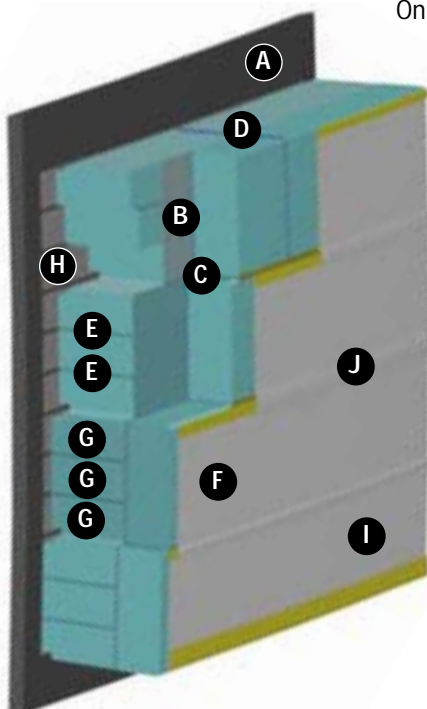


SG Insulation System for LNG cargo tanks

On board operation

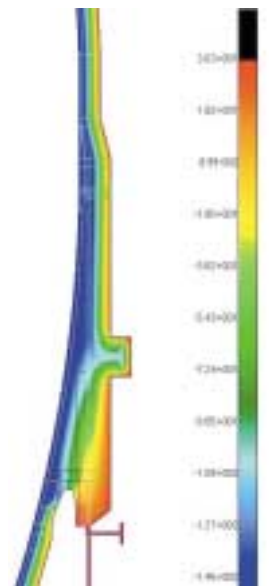


View of insulation



Insulation structure build up

- A** Tank wall
- B** Crack barrier
- C** Insulation horizontal joint
- D** Insulation vertical joint
- E** Insulation contraction slot
- F** Warm side insulation
- G** Cold side insulation
- H** Cold side reinforcement
- I** Aluminium foil outer cladding
- J** Outer cladding overlap joint



Thermal analysis of part of the structure

## A matter of confidence

The real work starts when the contract is negotiated. Work must commence on time and be carried out as planned. With the size and complexity of many projects, there is no substitute for experience and know-how. Choosing the right contractor is a matter of confidence.



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