

## Spirit of Tasmania I and II, Evacuation Analysis

Spirit of Tasmania I and Spirit of Tasmania II were built in 1998 by Kvaerner Masa-Yards in **General:** 

Finland. They have a displacement of almost 30,000 tonnes and they cross Bass Strait at a

cruising speed of 27 knots. The vessels are operated by TT-Line Company Pty Ltd. A refurbishment on deck 7 leads to a re-establishment of the Muster Station locations. An advanced evacuation analysis was conducted according to IMO guidelines (MSC/1238).

Length o.a. 194.30 m **Main Particulars:** Breadth moulded 25.00 m

Draught (design) 6.55 m Deadweight 5,650 t

No. of passengers 1,400 pax No. of berths 748 pcs. No. of cabins 222 pcs. Vehicle lane metres 2,565 m

Capacity:

Ref. No.:

30.80 kn Max.

Service (90 % MCR) 27.00 kn

Diesel

Main engines 4 x Wärtsilä Sulzer 16ZA V40S Speed: Installed power

42,240 kW

**Machinery and** Classification IMO number Spirit of Tasmania I **Equipment:** 

9158446 IMO number Spirit of Tasmania II 9158434

Miscellaneous: Part A: Review of the current Muster Stations

and Muster crew list was conducted along with + performing an advanced Ship Evacuation Analysis according to the MSC 1238 guidelines,

using AENEAS, an enhanced evacuation

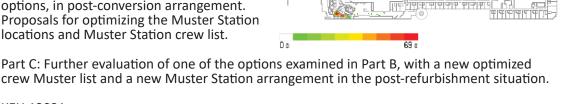
**Scope of Work:** simulation software tool.

> Part B: Evacuation analysis on a variety of options, in post-conversion arrangement.

locations and Muster Station crew list.

Part C: Further evaluation of one of the options examined in Part B, with a new optimized crew Muster list and a new Muster Station arrangement in the post-refurbishment situation.

KEH 13031



ABS

