

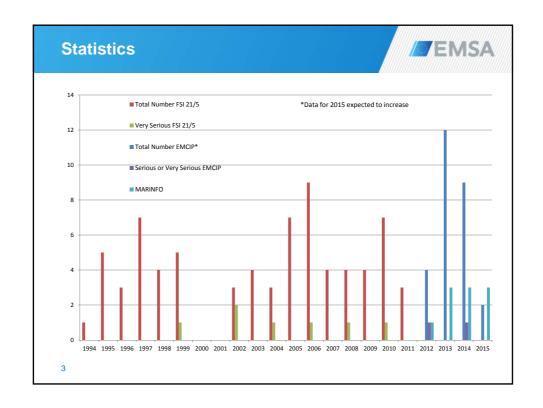
Background

EMSA

A number of accidents have taken place involving fires on ro-ro decks. FSI 21/5 (2012) summarizes analysis for accidents during 1994-2011. Very serious accidents after 2011:

- NORMAN ATLANTIC (2014);
- SORRENTO (2015);
- SUN FLOWER DEISETZU (2015).

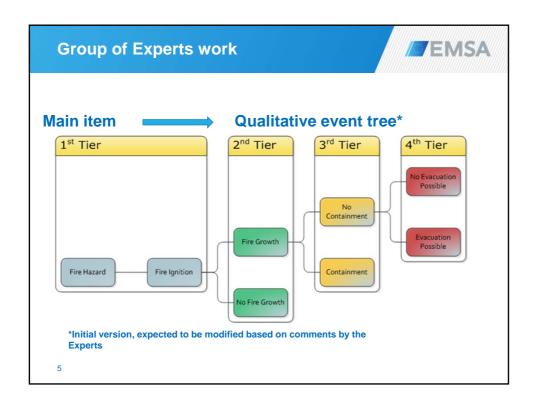
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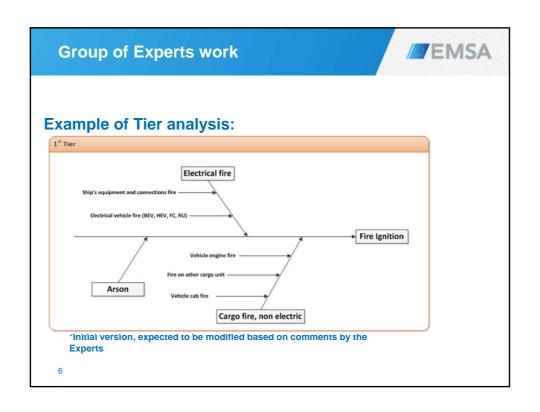


Actions taken: Workshop organised in September 2015; Group of Experts established; Tender bid for study (FIRESAFE) published;

Initiative

EMSA





EMSA Group of Experts work Marks on risks leading to choosing elements for **FIRESAFE** 325 380 270 228 203.5 179 223 341 282 326 324 283.5 243 303 350 293 236 283 230.5 178

FIRESAFE

EMSA

Main elements:

- Input of Group of Experts taken into consideration;
- FSA methodology followed;
- Focus on *Electrical Fire* as an ignition risk and *Fire Extinguishing Failure*.

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FIRESAFE



For both items the following is required:

- Step 2 of the FSA process as described in the FSA Guidelines; a partial risk analysis shall be performed in order to quantify the probabilities of occurrence;
- Step 3 of the FSA process; risk control options (RCOs) shall be developed;
- Part of step 4 of the FSA process; Cost Benefit Analysis of identified RCOs.

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Way forward



The following are foreseen:

- 2nd workshop on fires on ro-ro decks towards the end of November 2016;
- Group of Experts to continue its work within 2016 on a qualitative event tree;
- FIRESAFE to be finalised towards the end of October 2016.

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