



## INVENTORY OF HAZARDOUS MATERIALS - EXISTING SHIPS

In a world of ever-growing environmental awareness among people, the shipping community is increasingly embracing a responsible approach for every single element in the life cycle of a ship. The conventions and regulations adopted by governments across the world are a statement of encouragement of this sentiment. We, at IRClass, are committed to support the realization of your environmental goals.

IMO adopted "The Hong Kong International Convention for the safe and environmentally sound recycling of ships" in the year 2009 followed by the EU Ship Recycling Regulation (EU SRR) in 2013 that requires every ship calling at EU Port to carry an inventory of hazardous material (IHM).

### Get Ready for Early Compliance

The entry into force of the EU SRR has made it mandatory for ships calling at EU ports to have verified IHM & Statement of Compliance (SoC) on board from the beginning of year 2021. Developing IHM for existing ship is a huge task and requires greater deal of time, effort and resources than that required for new ships. The process includes following steps.

- Scrutinizing onboard records for identifying hazardous material
  - o Verification of drawings & machinery manuals
  - o Repair & Modification history
- Preparation of Visual Sampling Check Plan (VSCP)
- Preservation and handling of test samples
- Testing & analysis in recognized test laboratories
- Review & analysis of test report
- Estimation of Hazardous Material quantity on board
- Preparation of IHM

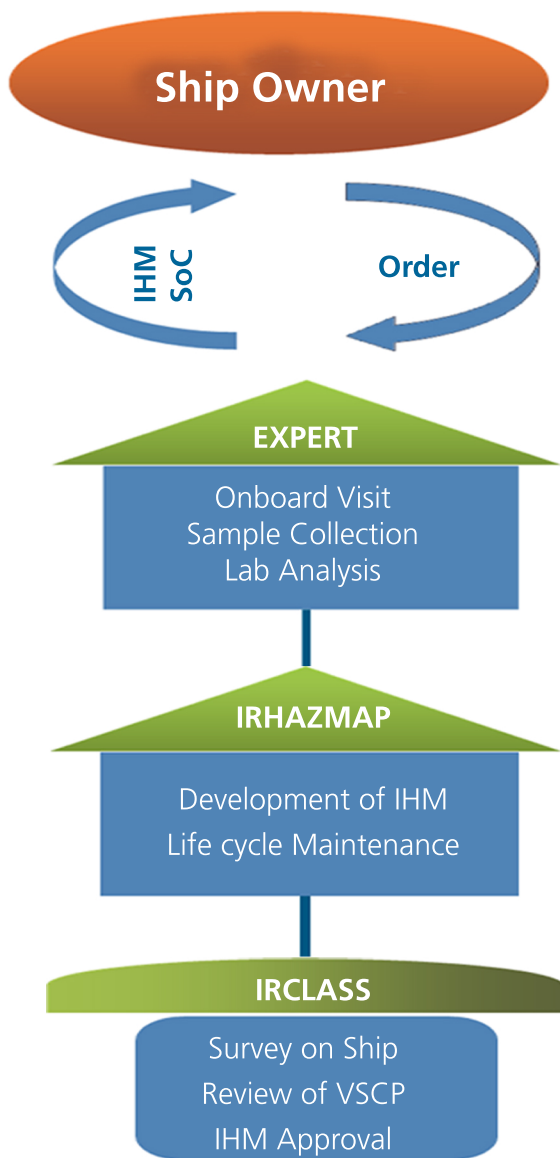
Considering the demand for thousands of ships and scarce availability of IHM expert personnel, we recommend ship owners to start early and avoid last minute rush. IRClass is able to offer you a complete solution for IHM development, including valuable recommendations for IHM experts, sampling plan and various documentations to fast track the process of compliance.

### Why IRClass ?

With our expertise to guide you in your transition to HK and EU SRR compliance will be a lot simpler. IRClass provides one stop solution for IHM and certification needs of your entire fleet.

- Professional guidance at every stage
- Valuable recommendations for IHM experts, sampling plan and various documentation
- Review of VSCP
- Timely approval of IHM document
- Web-based software for IHM development and life cycle support - IRHAZMAP
- Dual compliance for HKC and EU SRR
- Classroom training

**Our Statement of Compliance will be valid for both HKC and EU SRR which means your ships will have uninterrupted access across the ports of the world.**



**IRHAZMAP – a complete software solution for your ship’s IHM**

Development of IHM for existing ships could take more time, effort and resources, as compared to new ships, apart from the mandatory requirement to maintain the IHM documents for the remaining life of ship. IRHAZMAP can simplify this process for you through its advanced web-based features that assist you in, not only developing the IHM document, but also, by allowing you to maintain and update the records periodically. IRHAZMAP has been built to comply with the latest regulatory requirements of both HK convention and EU SRR. Some of its key features are:

- Common real time platform for all stakeholders throughout the ship’s life-cycle
- Maintenance of entire fleet’s IHM data and related record, including that of certification
- Ability to generate Material Declaration (MD) and Supplier’s Declaration of Compliance (SDoC) in excel sheet
- Compliance with IMO & EU requirements
- User friendly interface
- Can facilitate smooth transfer of files among stake holders
- Ease of preparation and document upkeep
- Quick identification of hazardous materials onboard
- Automatic generation of updated IHM

**Being Green, is Being Competitive Are You?**

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