

IRCC13-07D3

Italian Hydrographic Institute

Report to IRCC13

VTC, 23 – 25 June 2021

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Introduction

- In its Strategic Plan for 2021-2026, IHO has identified the mission, the vision and the goals for 2026.
- S-100 represents one of the **biggest challenges** that the whole organization will have to handle in the next decade and the main driver in the **development of its vision**.
- If properly managed, S100 has the potential to become a **key factor** when implementing IHO's strategy.
- **How HOs are currently processing IHO's vision?**



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Introduction

- The University of Genoa, in a joint effort with the Italian Hydrographic Institute is conducting research on **how the introduction of S100 products is perceived by Hydrographic Offices** and how it is going to revolutionize them in the upcoming years.
- The study is part of a wider study focused on how the introduction of S100 will affect shipping companies and maritime operators.



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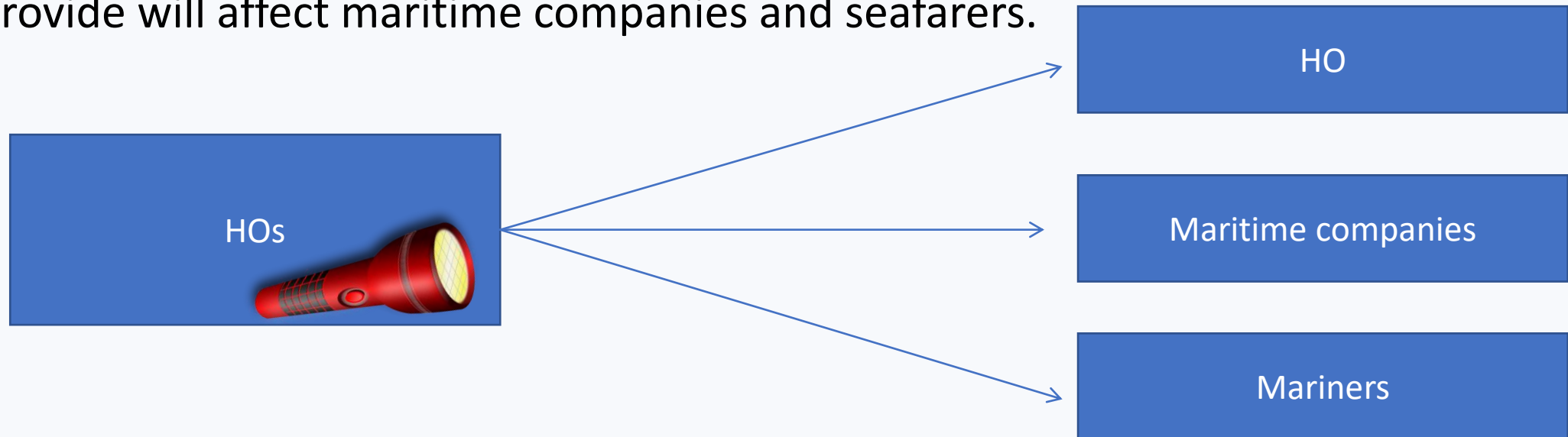
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Taking HOs' perspectives

- The goal of the research is to analyze S100 from a specific perspective that to date have not been considerate by operators, institutions, and academics.
- Interesting is to understand the feeling of HOs over the introduction of the new standard, how they will be affected and how an evolution in the service they provide will affect maritime companies and seafarers.



How S-100 will affect HOs

- A different cost and revenue structure for HO:
 - Changes in costs: Software licence, hardware, HR, coordination;
 - Changes in revenues: new products and old products.
- The Human resources challenge:
 - New recruitment, training, professional qualifications.
- Opportunities and threats for Hos:
 - How S100 is affecting Hos' vision/mission/business plan;
 - SWOT analysis (Opportunities, threats, strengths and weaknesses).



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Conclusions

- In over a decade, IHO has mainly focused in building the technical foundation for S-100 and to date, the operational side of its implementation has not been fully studied;
- The goal of the research and the questionnaire is to detect in a **managerial, economic and operational perspective** how S-100 will affect the work of HOs, maritime operators, and mariners' daily work;
- Getting per time a picture of how HOs are going to react to the introduction of this environmental factor can help IHO in detecting the general feeling over S-100 and the **overall readiness level**.



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Action required of IRCC

The IRCC WGs are invited to:

- a) Note this paper
- b) Approve the distribution of the questionnaire through IRCC CL
- c) Promote the widest adhesion of member States



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