



# Release plan of KHOA S-100 Viewer

Report by the KHOA(ROK)

## Agenda Item 5.1H

HSSC-12, IHO Secretariat, Monaco + VTC, 19 – 22 October 2020



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# INTRODUCTION

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- KHOA S-100 Viewer
  - Aiming to support the development of S-100
  - Updated it considering the technical discussion in the S-100WG, S-101PT and TSM
  - Decided to release the S-100 Viewer for IHO member states and stakeholders
  - Describes the key feature and release plan of KHOA S-100 Viewer



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# KEY FEATURES. FUNCTIONS OF KHOA S-100 VIEWER

- KHOA S-100 Viewer with S-100 Test bed project
  - Aims to support the Phase 3 (Simple Viewer) and Phase 6 (Shore based ECDIS)
  - Test S-100 TDS(Test Data Set) including ENC, Bathy, Surface current, etc.

## Key features

Latest standard requirement

Reflection of standard changes and technical issues

Testing S-101 and S-100 series data (Vector, Grid)

Simple editing of S-100 series data

## Key functions

Management of S-100 catalogues

Processing and rendering S-100 data

Processing exchange set (Multiple Dataset Loading)

S-100 technical issues

## Development Spec.

Development tool:  
Visual Studio 2017

Development environment: MFC  
(Microsoft Foundation Class Library)

Minimum requirement: Windows OS  
10, DirectX support

Stand alone Window OS  
SW

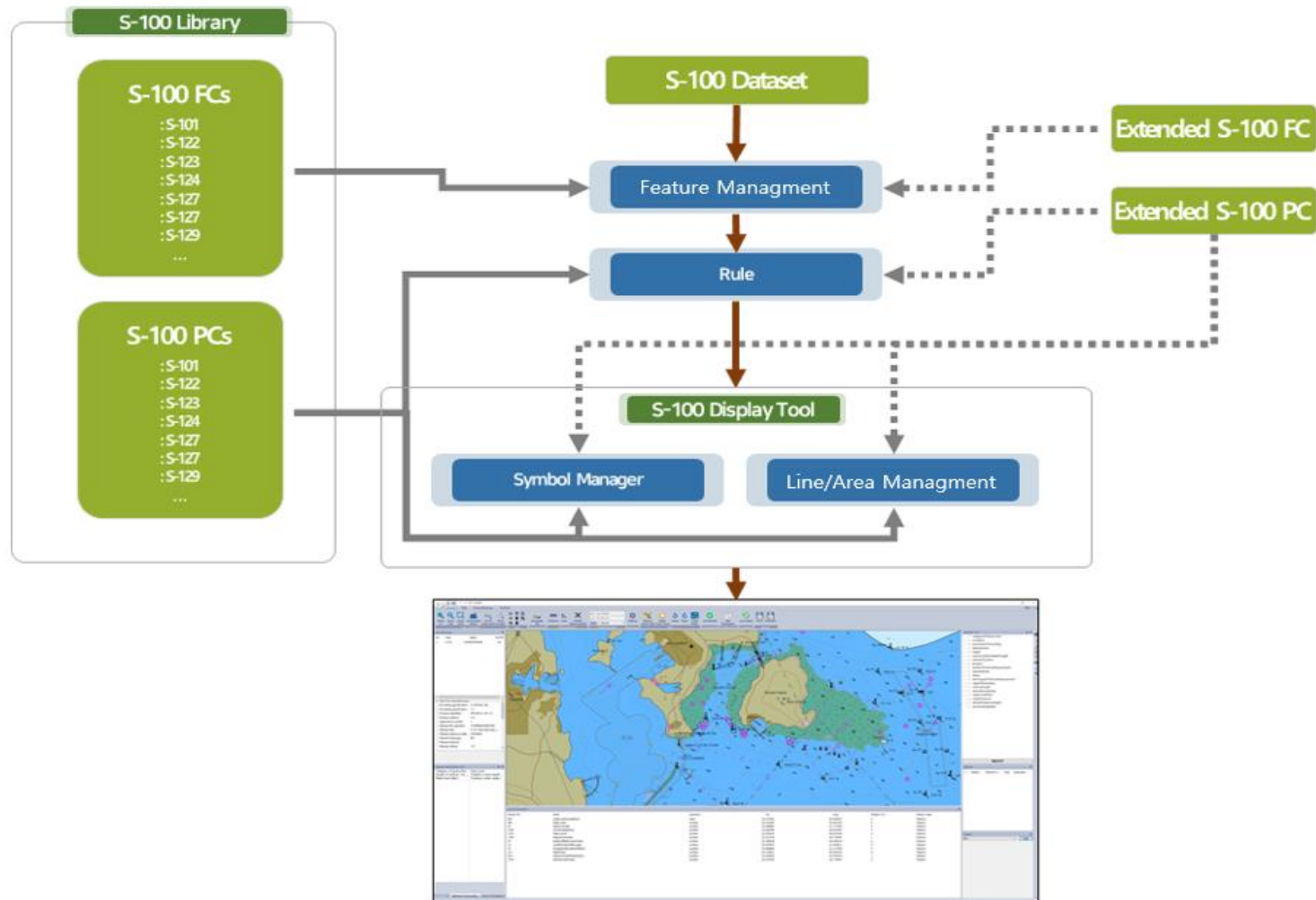


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# KEY FEATURES. FUNCTIONS OF KHOA S-100 VIEWER

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- Structure of KHOA S-100 Viewer





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# RELEASE PLAN OF KHOA S-100 VIEWER

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- Release in January 2021
- Provide for interested IHO member states and stakeholders



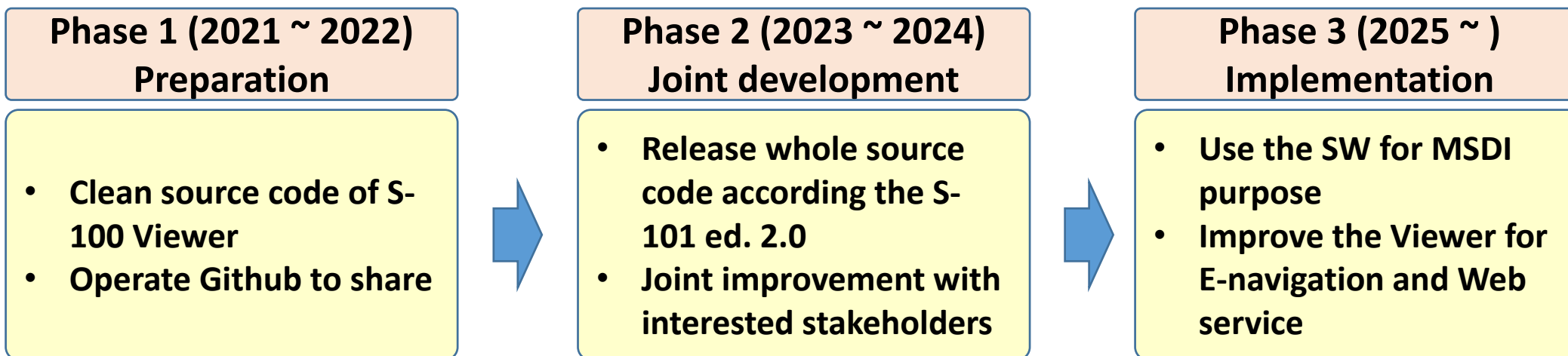


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# **JOINT/SHARED DEVELOPMENT OF KHOA S-100 VIEWER**

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- **Open source strategy**
  - support IHO S-100 implementation plan and MS, academia, and industry
  - releasing the modules that make up S-100 Viewer
  - Details will be shared to the relevant WGs and technical meetings
  - Open source of S-100 Viewer will benefit the MSDI





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## REQUESTED ACTION

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- Conclusion
  - KHOA will release the viewer in January 2021
  - It is recommended to provide any comments for the release plan and open source strategy of KHOA S-100 viewer
- The HSSC is invited to:
  - note the release plan of KHOA S-100 Viewer and request any comments if needed
  - endorse and include release plan of KHOA S-100 Viewer in HSSC report to A-2



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Thank you