



14th Meeting of the Hydrographic Services and Standards Committee

Consider “S-101 to S-57 conversion” as a new work item for the ENCWG (France)

Agenda Item 05.2D



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BACKGROUND

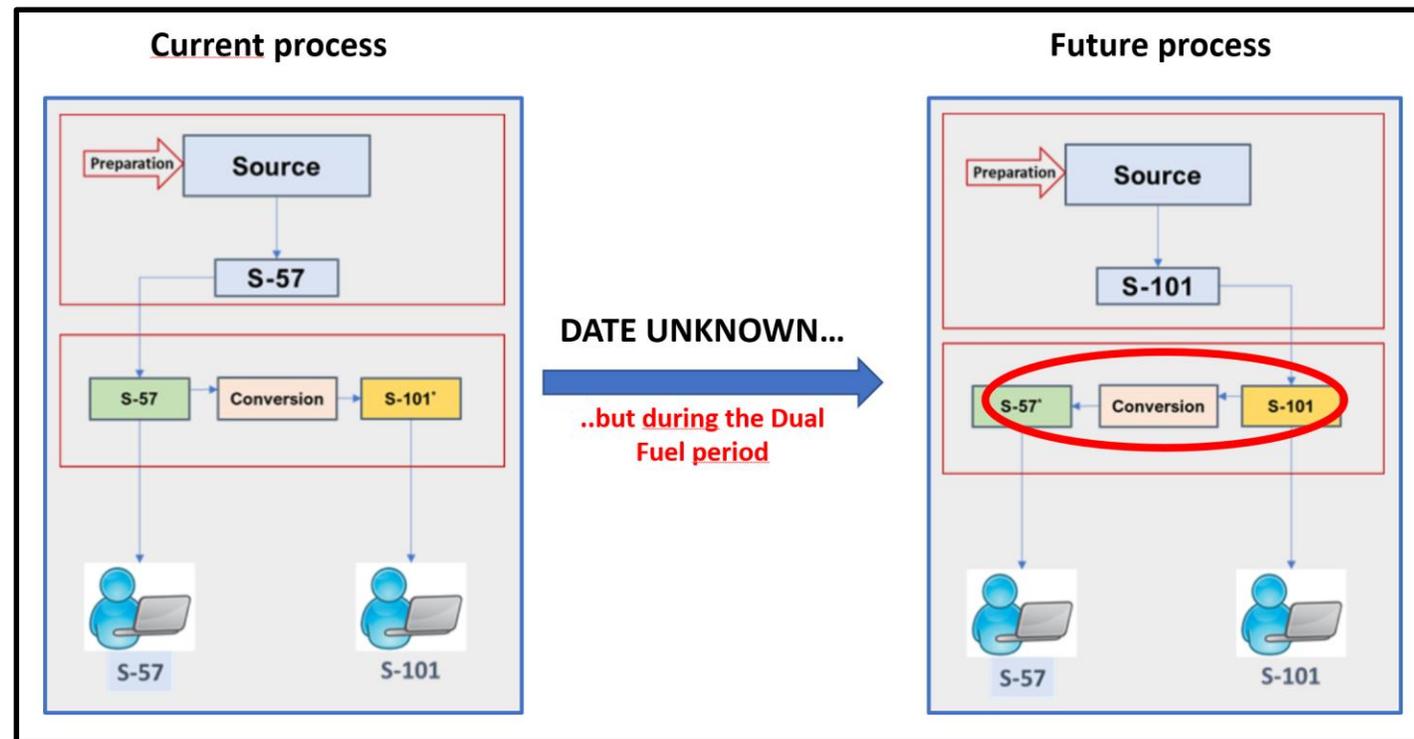
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- Around 2026: S-100 ECDIS will be released.
- 2026 – 203?: Dual Fuel period.
 - *HOs will have to deliver their ENCs in S-101 AND S-57.*
- Work has commenced on Conversion from S-57 to S-101 (see item 05.2A – *S-57 to S-101 Conversion Guidance*).
- BUT: conversion from S-101 to S-57 will also be a major issue for HOs.



- At one point during the Dual Fuel period, most of the HOs will experience a major shift in their production process:

→ Data will be « S-101 Native » but will need to be « back-converted » into S-57.





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WORK TO BE CARRIED OUT

- S-101 to S-57 Conversion needs to be studied carefully in order to ensure:
 - ✓ *Consistent conversions across the various conversion tools*
 - ✓ *Identification of possible issues*
 - ✓ *Conformance to S-58 Validation Checks*
 - ✓ *Available IHO documentation*

- The outputs of this work could be:
 - ✓ *An “S-101 to S-57 Conversion Guidance” document*
 - ✓ *Based (at first) on S-101 edition 1.1.0*



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RECOMMENDATIONS

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It is recommended to:

- Assign a new Work Item « *S-101 to S-57 conversion* » to the ENCWG.



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ACTIONS REQUESTED FROM HSSC

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HSSC14 is invited to:

1. Discuss this paper
2. Agree with the recommendation
3. Take any necessary additional action



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HSSC-14, Denpasar, Bali, Indonesia - Hybrid Event, 16 – 19 May 2022