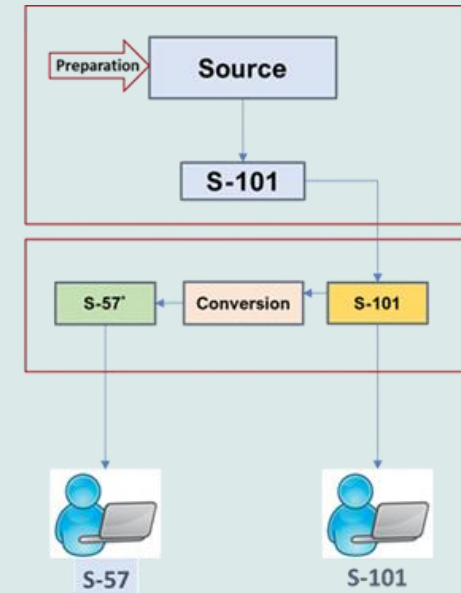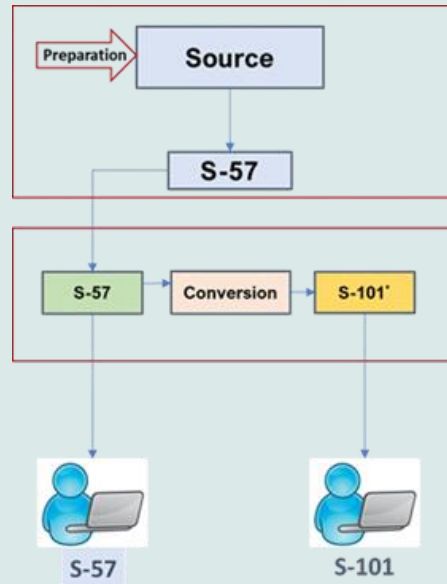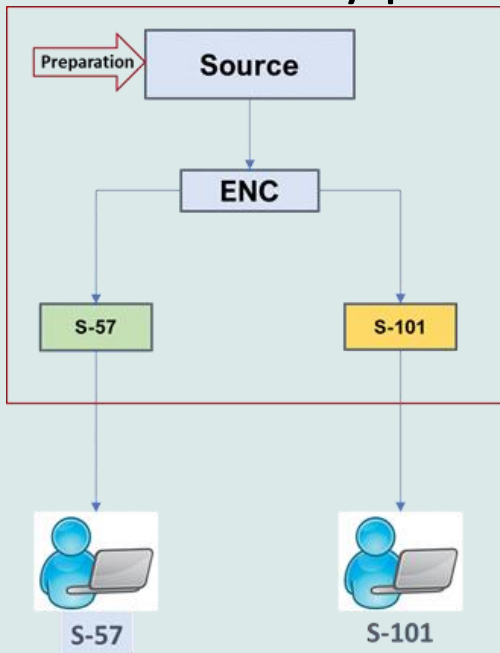# Status – July 2023

- ENC Conversion Project – Singapore Lab / IHO Sub WG data conversion

- Original Project was conceived as a joint project lasting 6-9 months

- Objectives are to test IHO guidance document, provide training and generate recommendations for further developments.

- Proposed Method of execution is now:
  - Training Session for multiple member states covering S-100 foundations, S-101 encoding vs S-57 encoding and an introduction to data "conversion". [**3 days**]
  - Workshop on data conversion. Open to multiple member states, converting S-57 data to S-101, testing the conversion guidance document v1.1.0 and feeding back results [**5 days**]
  - Will generate aggregated results and observations on guidance document for the next version
  - Also covers initial ideas for dual-fuel production and management of updates during the transition period. These will be put in the public domain for the benefit of all member states.

- Proposed to be held alongside S-100WG in Singapore November 2023

Why?

- We still do not know as a community:
  - What the pros and cons of a "hybrid" vs a "conversion" model are for IHO MS when migrating to Dual Fuel production during the transition period
  - The technical or resource implications of managing two sets of updates
  - How to execute validation between datasets
- This project will not solve these issues but should equip participants to make an informed choice as they plan migration and operation of S-101 production.

Production Pipeline

- Original Plan for production pipeline.
- Use of COTS tools has been agreed in principle with multiple COTS vendors
- Individual dataset conversion will be summarised and proposals generated for IHO WGs and member states.
- Validation included as far as possible (subject to availability of tools)