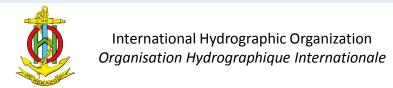Hydrographic Services and Standards Committee

S-57 to S-101 Converter Update

Existing version

- Esri tasked to develop converter in 2010
  - Funded jointly by NOAA and Esri
  - Multiple iterations as S-100 and S-101 have matured

- Version 0.8.9: June 30, 2015

- Version 0.8.14: September 2015 (TSM3)
  - See paper TSM3-3.5_S-57toS-101ConverterStatus

- 2016-2017: Additional updates based on user feedback

- Version 0.8.27: March 2018

- All 0.8.X versions were developed against
  - S-101 ENC Product Specification 20150623_baseline
  - S-101 Data Classification and Encoding Guide Final Baseline (April 2014)
  - S-101 Feature Catalog baseline version 0.8.8
  - S-100 Edition 2.0.0

Next Iteration

- Funded jointly by NOAA and Esri

- Baseline against
  - S-101 Edition 1.0.0
  - DCEG X.X
  - FC X.X

- Initial update will target TSM6 September 2018

- Final update will target S-101 Edition 1.0.0 release

Scope

- TSM6 timeline
    - Feature Catalog updates
    - DCEG changes
    - Outstanding reported errors
    - Updated header information
    - S-101 product spec changes
    - Evaluate S-101 PT meeting changes

- S-101 Edition 1.0.0 release
    - Update UI and configuration file for custom header information
    - Final changes from TSM6 meeting and user feedback

Additional Items

- Not in scope
  - S-57 Updates to S-101 Updates

- Will SuperTypes be used in the Feaure Catalogue?

- Is a metadata file required as part of the conversion to support Exchange sets?

- CATZOC – what has changed since 2014?

- Will deliveries be posted on IHO S-100 or basecamp website?

THANK YOU