

# ENC Analyzer Version 2.4

SevenCs and HSA have released the latest version of ENC Analyzer. ENC Analyzer now checks edition 3.0 of the IHO's recommended ENC validation checks, S-58, released February 2007, the new objects and attributes that have been introduced in S-57 edition 3.1.1 plus it allows users to create organisation specific custom rules.

Whilst ENC Analyzer is continually being upgraded to align it with the latest standards, it is also being enhanced to cover all phases of production to ensure S-57 products are compliant and correct. Recent enhancements to the application have focused on the distribution and management of data and include:

- cell header summaries that allow detailed product information to be interrogated exported and retained for management records.
- exchange set checking ensuring that the ENC ROOT directory contains all of the files recorded in the CATALOG file. It also checks for files that should not be there.
- ENC update validation to make sure the latest update adds or removes data without compromising the ENC.

Consistency of S-57 products is essential. Even though ENC Analyzer uses over 800 ENC checks, they do not cover the specific encoding requirements of some producers. It is now possible for organisations to create custom checks and test data using these checks. These checks do not supersede the IHO checks and are reported separately.

For manufacturers of products other than ENC's, ENC Analyzer also checks AML edition 1.0, Inland ECDIS edition 1.0.2 and 2.0. These products are automatically identified when loaded and the appropriate checks applied to the cell(s).

Version 2.4 is currently being distributed to clients on support agreements. ENC Analyzer is an integral element of the SevenCs ENC Tools suite but it can also operate independently. ENC Analyzer has been developed cooperatively between SevenCs and HSA Systems.