

**12<sup>th</sup> CHRIS MEETING**  
**Valparaiso, Chile, 23-25 October 2000**

**IHO ENC TEST DATA SET**

It is known that the existing Test Data Set contains a small number of errors. In addition, a small number of additional objects and attributes are required to accommodate future tests. Finally, there is a requirement for a Test Data Set based on data conforming to S-57 Edition 3.1, i.e. Edition 2.0 of the ENC Product Specification.

It was agreed at the recent meeting of the Transfer Standard Maintenance and Application Development Working Group (TSMAD) that the UKHO would undertake the necessary work on behalf of the IHB. It was also agreed that:

1. The number of changes should be kept to a minimum.
2. The data sets will be circulated to a number of OEMs, software producers and hydrographic offices for comment, prior to them being issued.
3. The data sets will be validated using software based on the soon-to-be-published IHB List of Recommended Checks prior to them being issued.

The work will consist of:

A. Test Data Set for use with data conforming to S-57 Edition 3.0, i.e. Edition 1.0 of the ENC Product Specification.

1. Correct known errors.
2. Amend national attribute code from UKHO (540) to International Hydrographic Organization (1810).
3. Add attribute PICREP. This will be used to encode monochrome diagrams, not pictures.
4. Add attribute T-HMON. A number of hydrographic offices currently include this in their ENCs.
5. Add object CTSARE. Cargo transshipment area.
6. Add an example of C-AGGR. Aggregation. A number of hydrographic offices currently include this feature in their ENCs.
7. Add an example of a small overlap between two adjacent data sets and a small gap between two adjacent data sets. When two hydrographic offices' data shares a common boundary in a cell, it is found that there is often a small discrepancy between the two limits. Although not the subject of any test, it was considered useful to provide OEMs with an example of such discrepancies.
8. Add an example of a Temporary or Preliminary Notice to Mariners.
9. Add an example of a cell cancellation ER.

B. Test Data Set for use with data conforming to S-57 Edition 3.1, i.e. Edition 2.0 of the ENC Product Specification. This will be the same as Test Data Set A apart from the following changes:

1. Subfields currently containing 3.0 (S-57 Edition number) will be changed to 3.1.
2. Subfields currently containing 1.0 (ENC Product Specification Edition number) will be changed to 2.0
3. Add the new attribute values RESTRN. Removal of historical artefacts prohibited.
4. Add the new attribute value CATACH. Anchorage for a limited period.