

3rd NCWG MEETING
ESRI HQ, Redlands, California, USA 16-19 May 2017

Paper for Consideration by NCWG

Should we delete reference to Loran from S-4?

Submitted by:	Secretary (Editor S-4)
Executive Summary:	The entry related to Loran in S-4 is out of date and serves no useful purpose
Related Documents:	S-4 B-480.2
Related Projects:	None

Introduction / Background:

1. S-4 B-480.2 reads: **Loran** (Long Range Aid to Navigation) is a low frequency terrestrial electronic position-fixing system. The signals are broadcast from widely spaced masts and are currently available in North West Europe, North America and parts of Asia. It provides a back-up for or alternative to satellite navigation systems and may be partly integrated with them. There is no requirement to include details of the Loran system on charts.

Analysis / Discussion:

2. All Loran-C transmissions in the Americas ceased on 3 August 2010. It is not certain whether or not some Loran system is still operating elsewhere, for example in China. E (Enhanced) Loran may gain traction at some stage, as back-up to GNSS, but there seems little political will at the moment.
3. Whether any form of Loran still exists, or may exist in the future is uncertain. Nevertheless, there remains the fact that 'there is no requirement to include details of the Loran system on charts' and it is anticipated that this will remain the case (at least for the foreseeable future).

Conclusion:

4. The existing limited information in S-4 is out of date and serves no useful purpose for chart specifications.

Recommendation:

5. Delete B-480.2 at the next opportunity.

Justification and Impacts:

6. Removal of useless and out-of-date information from S-4.

Action required of NCWG:

7. The NCWG is invited to endorse the above recommendation.