

PROPOSAL FOR A NEW ENCODING BULLETIN

EXEZNE and TESARE overlaps

Submitted by USA (NOAA)

<i>Executive Summary</i>	S-58 check 1700 states "Check that no TESARE object overlaps an EXEZNE object." It has come to the attention that when nations are trying to resolve transboundary issues, this check is not valid
<i>Actions to be Taken</i>	Issue an encoding bulletin to make HO's aware of this situation and to either eliminate check 1700 or reduce it from an Error to a Warning.
<i>Related Documents</i>	

1. Introduction

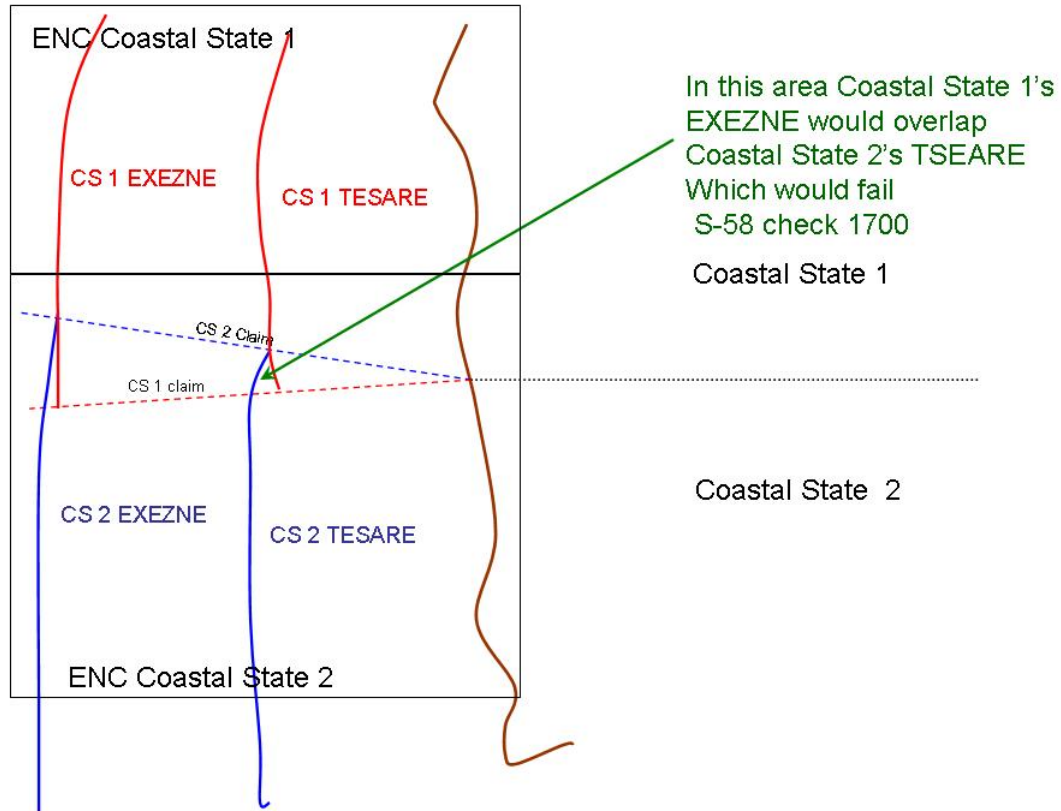
The United States has been in transboundary discussions with Canada for the past two years. Both Nations are working to resolve the overlapping coverage issues between boundary ENC's. However, there are certain areas of the border where there is not a common agreement. The WEND principle states:

When the limits of waters of national jurisdiction between two neighbouring countries are not established, or it is more convenient to establish boundaries other than established national boundaries, producing countries are to define the boundaries for ENC production within a technical arrangement. These limits would be for cartographic convenience only and shall not be construed as having any significance or status regarding political or other jurisdictional boundaries.

The US and Canada have tacitly agreed to divide the ENC's in a manner where one nation or the other would be responsible for charting both EEZ and Territorial Sea Claims. In doing so this leads to S-58 check 1700 reporting an Error, when in reality this reflects a real world situation.

2. Analysis

The following diagram shows an example of how one country's EEZ will overlap another country's Territorial Sea.



It is of a priority for an encoding bulletin to be released to make HO's aware of this case when they are considering transboundary issues.

3. Action to be taken

TSMAD to approve the removal of check 1700:

"Check that no TESARE object overlaps an EXEZNE object."

or to reduce the check from an ERROR to a WARNING

4. Proposed Encoding Bulletin

The WEND principle states:

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Encoders should note that in order to properly depict disputed EEZ and Territorial Sea claims that the TESARE and EXEZNE may overlap.

CA POSITION ON THE PROPOSAL FOR A NEW ENCODING BULLETIN

EXEZNE and TESARE overlaps

Submitted by CA (CHS)

<i>Executive Summary</i>	S-58 check 1700 states "Check that no TESARE object overlaps an EXEZNE object." It has come to the attention that when nations are trying to resolve trans-boundary issues, this check is not valid
<i>Actions to be Taken</i>	Issue an encoding bulletin to make HO's aware of this situation and to either eliminate check 1700 or reduce it from an Error to a Warning.
<i>Related Documents</i>	PROPOSAL FOR A NEW ENCODING BULLETIN EXEZNE and TESARE overlaps

1. Canadian Position

The EXEZNE and TESARE overlaps situation as described by US NOAA is accurate and presents a problem with how S58 currently handles trans-boundary jurisdiction cases. CA would prefer to reduce the check message from an "Error to a Warning". CA feels that there is still value in knowing where these instances occur, but having this reduced to a warning still allows for successful compliance of the files.

2. Action to be taken

TSMAD to approve the change to check 1700:

"Check that no TESARE object overlaps an EXEZNE object."

To reduce check 1700 from an ERROR to a WARNING

3. Proposed Encoding Bulletin

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