

Paper for Consideration by TSMAD

Adding the NATSUR/NATQUA combinations table to the UOC

<b>Submitted by:</b>	United States
<b>Executive Summary:</b>	United States would like TSMAD to consider added the NATSUR / NATQUA table (LG 1780) from S-58 to the Use of the Object Catalog (UOC).
<b>Related Documents:</b>	S-57
<b>Related Projects:</b>	S-57

**Introduction / Background**

When encoding a Seabed Area an encoder must refer to both S-58 and the UOC to make sure that he or she is encoding the NATSUR and the NATQUA correctly.

**Analysis/Discussion**

For reasons of consistency the United States feels the table from the Logical Consistency check 1780 in S-58 should be added to the Use of the Object Catalog. This addition will provide users all the guidance needed in the Use of the Object Catalog to properly encode Seabed Area objects in S-57.

NATQUA	1	2	3	4	5	6	7	8	9	10
NATSUR										
1					x	x	x	x	x	x
2					x	x	x			x
3	x	x	x		x	x	x			x
4	x	x	x			x		x	x	x
5	x	x	x					x	x	
6	x	x	x					x	x	
7	x	x	x					x	x	
8								x	x	
9								x	x	
11								x		
14				x						
17	x	x	x	x					x	
18								x	x	

**Recommendations**

The United States is recommending that TSMAD reconsiders adding the NATSUR/NATQUA combination table from the logical consistency check number 1780 in S-58 to the Use of the Object catalog Section 7.1 under remark (a).

**Action Required of TSMAD**

The TSMAD:

- a. discuss the United States proposal
- b. agree to added the table.