

June 18th 2009

S-44 versus CATZOC - DENMARK

ZOC	S-44 4th edition	S-44 5th edition
A1	Special order or order 1	Special order or 1a
A2	Order 2 (if 100 % bottom search is achieved)	Normally not relevant In case of an order 1b Multibeam survey with non corrected GPS this CATZOC would be chosen.
B	Order 2 \geq 1953 (order 2 not having 100 % bottom search)	Order 1b and order 2
C	order 2 < 1953 Order 3	Other low accuracy surveys Not relevant to S-44
D	- Poor quality data Not relevant to S-44	- Poor quality data Not relevant to S-44

According to S-44 5th edition 1a requires that only objects > 2 m needs to be detected. Danish 1a surveys detect objects > 1 m and therefore the Danish order 1a fits in with A1.

To make order 1a comparable to A1, a relaxation of the 1 m detection criteria might be wishful (in future changes of CATZOC)

As S-44 edition 4 is valid from April 1998 it is questionable to involve order 2 which is older than this date. The change from CATZOC B to C in 1953 (regarding order 2) is relating to new positional equipment that came into use in that year.