From survey to CATZOC
Netherlands
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1. Decision on CATZOC value
Decision on CATZOC based on following factors:
- Survey order i.a.w. S44 (sounding technique, bottom insonification, accuracy)
- Relation with long term surveyplan
- This policy is only current under normal conditions. In case of "extreme events" other measures may be taken, i.a.w. UOC (S-57 Appendix B.1 – Annex A).

2. Guiding principle
Guiding principle is that the S44 survey order is leading. However an own interpretation may take place when a resurvey of the area is overtime (i.a.w. the long term survey plan). In such cases a downgrade of the CATZOC value may be considered.

3. Typical sources
- RNLN survey ships survey the Netherlands Continental Shelf and the Caribbean part of the Kingdom. Surveys in conformity with the Dutch standards for hydrographic surveys, which are based on S44.
- Rijkswaterstaat is the executive agency of the Ministry of Infrastructure and Water Management, responsible for the the main waterway network to major ports and inland waterways. Their surveys are in conformity with the Dutch standards for hydrographic surveying, which are based on S44.
- Port authorities, for the most important ports depths are maintained.
- Other sources.

4. CATZOC values

Source	Typical Data type	CATZOC value
RNLN naval survey vessels post 2005	MBES, S44 order 1a	In principle A1. If the area has not been surveyed in accordance with the established resurvey frequency, an artificial downgrade to A2 is considered.
RNLN naval survey vessels prior to 2005	SBES with SSS	A2
	SBES	B
Ministry of Infrastructure & Water-management	MBES	• Approaches to the main ports have a maintained depth regime with frequent resurveys; CATZOC A1. • For other less frequently surveyed areas; in principle A1, however the cartographer may decide to downgrade (e.g. in very changeable areas).
	SBES	B
Port Authorities	MBES Maintained Depths	A1

5. Process
The object M_QUAL with attribute CATZOC is maintained in a separate overall usage in the database.

6. Summarized