

Reply to action DQWG13/11:

PRIMAR to investigate discrepancies in CATZOC values of adjacent areas of neighbouring countries. All to provide PRIMAR feasible areas for the study (Skjaeveland/All).

No areas have been provided by DQWG members, however due to meeting discussions a study was conducted looking specific into Traffic separation schemes crossing national borders.

Methodology description:

1. Traffic separation schemes are aggregated using the C_AGGR object.
2. All C_AGGR objects referring to Traffic separation schemes objects have been compared against each other to find schemes stretching across national borders – hence having different producing agencies encoding the entire scheme.
3. A comparison between those different parts from different producers of the scheme has been done to find if they cover areas with different quality (M_QUAL CATZOC values) encoding.

Result:

Two outputs are presented in the tables. Considering equality in usage bands effects the outcome.

1. One showing results when criteria is that neighbouring datasets are within the same usage band.
2. One showing results when usage bands are neglected

Table1: Considering usage bands

Number of situations	82
Number of involved producers	17
- Number of producers with situations to 1 other producer	13
- Number of producers with situation to 2 other producers	2
- Number of producers with situation to 3 other producers	1
- Number of producers with situation to 4 other producers	1
Difference in CATZOC encoding (1-5 steps)	
- 1 step	21
- 2 steps	47
- 3 steps	10
- 4 steps	3
- 5 steps	1

Table explanation: A difference in CATZOC values was discovered 82 times. 17 producers are involved. Some producers have discrepancies to more than 1 other producer. The difference in CATZOC encoding varies between 1 and 5 CATZOC steps.

Table2: Ignoring usage bands

Number of situations	449
Number of involved producers	21
- Number of producers with situations to 1 other producer	10
- Number of producers with situation to 2 other producers	5
- Number of producers with situation to 3 other producers	4
- Number of producers with situation to 6 other producers	1
- Number of producers with situation to 10 other producers	1
Difference in CATZOC encoding (1-5 steps)	
- 1 step	98
- 2 steps	192
- 3 steps	97
- 4 steps	46
- 5 steps	16

Table explanation: A difference in CATZOC values was discovered 449 times. 21 producers are involved. Some producers have discrepancies to more than 1 other producer. The difference in CATZOC encoding varies between 1 and 5 CATZOC steps.