**DQWG14-06C**

## Paper for Consideration by Data Quality Working Group

## Usage of source diagram and/or CATZOC in paper charts

|  |  |
| --- | --- |
| ***Submitted by:*** | DQWG Chair |
| ***Executive Summary:*** | Discussion paper usage of SSD or CATZOC in paper charts. |
| ***Related Documents:*** | NCWG4-06.6A. |
| ***Related Projects:*** | None |

## Introduction / Background

In paper charts a Source Data Diagram (SDD) provides a quality indicator to the mariner. In ENCs the M\_QUAL object and CATZOC (S-57) or Quality of Bathymetric Data (S-101) provides a quality indicator to the mariner. Some HO’s are presenting CATZOC values in their paper chart SSD.

## Analysis/Discussion

What are the benefits of using CATZOC in SSD? What are the disadvantages? In the coming years, HO’s will have to publish paper charts, ENC’s based on S-57 and ENC’s based on S-101. New survey technologies are introduced (LIDAR, SDB). What is the best approach to meet these challenges when it comes to providing a Data Quality Indicator to the mariner?

## Conclusions

Any conclusions that may be drawn from the analysis/discussion.

## Recommendations

DQWG to discuss these items, also taking note of NCWG4-06.6A.

## Justification and Impacts

None at this time.

## Action Required of Data Quality Working Group

The DQWG is invited to:

a. note this paper;

b. take any action as deemed necessary.