

# Paper for consideration by S-100 WG

## DQWG report

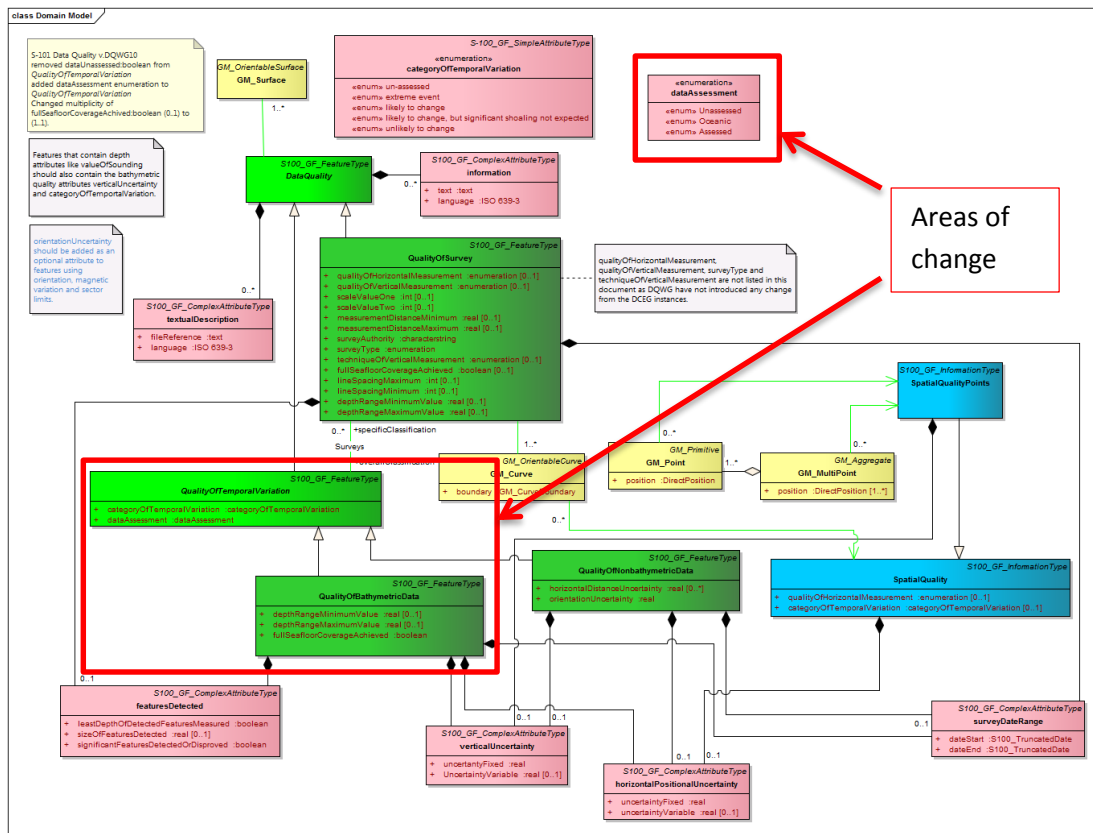
<b>Submitted by:</b>	DQWG
<b>Executive Summary:</b>	Status of work on S-101 data quality model
<b>Related Documents:</b>	S-100, S-101
<b>Related Projects:</b>	S-100 2.1.0, S-101

### 1 Introduction/Background

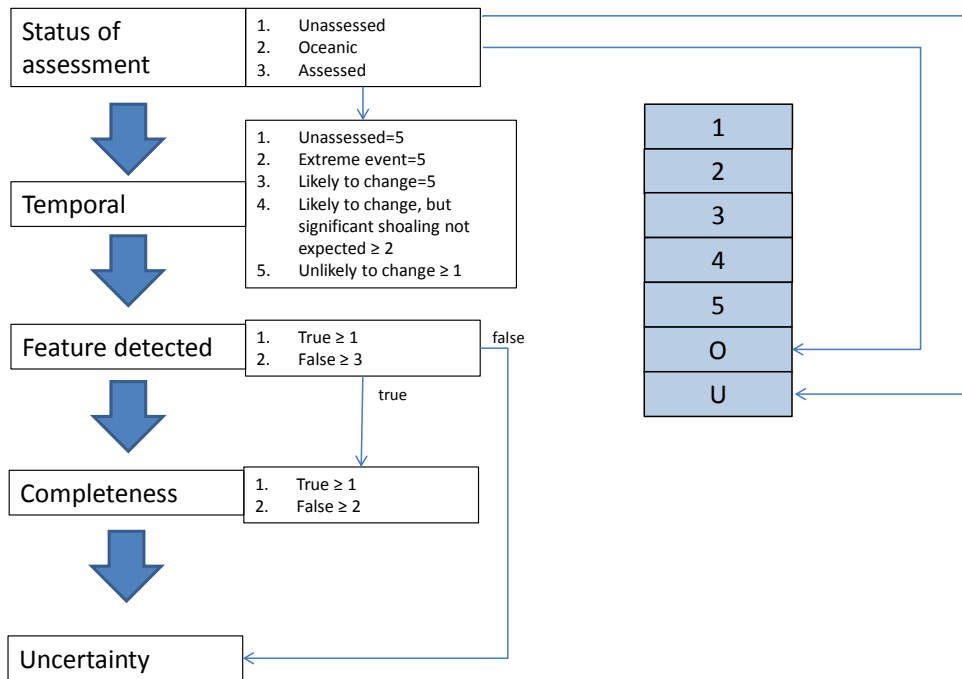
This is a report on the development of the S-101 data quality model by DQWG.

### 2 Analysis/Discussion

During DQWG10 a report from Australia indicated that previous assumptions regarding data quality were not sufficient to meet mariner and HO needs. Following this, some model modifications were done, together with major revisions to the process, by which a system should utilize S-101 data quality. The following is the current status of these items:



The new draft data quality process that necessitated these changes is as follows:



A draft decision tree using this process has been created, but working group review is still pending. Especially the threshold values are still up for debate. Pending the outcome of this review, a new data conversion matrix might be needed. The current plan is to finalize these at the upcoming DQWG11, which is scheduled for May 10-12, 2016.

### 3 Actions Requested

The S-100WG is invited to:-

- note this paper;