

Paper for Consideration by TSMAD27

S-57 to S-101 Mapping Tables

Submitted by:	TSMAD Vice Chair
Executive Summary:	This paper provides a mapping table from S-57 to S-101
Related Documents:	S-101 DCEG, S-101
Related Projects:	S-57 to S-101 Convertor

Introduction / Background

In order to keep track of the changes in features, attributes and enumerations from S-57 to S-101 a preliminary mapping table was developed. This table should be considered a living document and as things are added and subtracted to the DCEG the table will be updated.

Analysis/Discussion

The table has seven tabs that contain the following information:

Tab Name	Tab Content
S-57 to S-101 Feature Mapping	This tab lists all the S-57 and their S-101 equivalents. In addition, it also lists the geometric primitive for each feature. Where there is not an S-101 equivalent there the field is left blank. In some cases there is a comment that lists where the S-57 maps to. For example, the S-57 feature TOPMAR is now the attribute topmark in S-101
New Features	Lists the features that are new to S-101
New Information Types	Lists the new information types in S-101
New Complex attributes	Lists the new complex attributes in S-101 and their S-57 equivalent
New Simple Attributes	Lists the new attributes in S-101. It also notes where there is an S-57 equivalent and if it is part of a complex attribute
New Enumerations	Lists the new enumerations in S-101
New Associations	Lists the new associations in S-101

The mapping table is located in ANNEX A of this paper.

Action Required of TSMAD

The TSMAD is invited to:

- a. Note the S-57 to S-101 mapping table
- b. Assign it's upkeep to the DCEG sub-working group