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Comments from DIPWG Chair on Procedures for Maintenance of S-57 and S-52



Submitted by:	DIPWG Chairman, Colby A. HARMON
Executive Summary	See Background, below
Related Documents:	HSSC5-04.3A Procedures for the maintenance of S-57 and S-52

Background

A review of the draft "Procedures for the maintenance of S-57 and S-52" has revealed a few weaknesses in the flow diagrams. Proposed corrections are provided herein.

Analysis / Discussion

Typically decision points in flow diagrams have only two exits (yes or no) and in any event all exits should be labeled. Item (2) in the flow diagrams shows no label for a third path, which enters item (3). The flow diagram in Annex A fixes this problem by rearranging this part of the logical flow.

The flow from item (11) (item (12) for the S-57 diagram) is also unclear and a fix for this area has been provided as well.

Two "Stops" have been added to further clarify the process.

Other graphical changes in the diagram have also been made. These do not change the flow or the logic, but make the presentation easier to read.

Finally, it is unclear why item (9b) refers to item (7) in the textual process description. Item (9) relates to new editions, while item (7) relates to amendments. Some might erroneously think that the intended feedback loop should proceed from (9) to (7), which is not the case. Item (9b) describes sending the proposed new edition back to the "DIPWG chair," but the diagram shows a return to the "DIPWG" swim lane. Suggest changing the text to simply say "... proposal is sent back to DIPWG." It can be assumed that this will be done through the DIPWG chair.

Conclusions and Recommended Actions

The draft procedures for maintenance of S-57 and S-52 have a few logical errors, which can be fixed by adopting the corrected flow shown in Annex A.

Justification and Impacts

Proposed changes clarify the intended logical process flow shown in the diagrams.

Action Required of HSSC

The HSSC is invited to:

- a. **consider** adopting the S-52 flowchart corrections that have been provided in Annex A and adapting similar fixes for the S-57 diagram.

Proposed Changes to Draft Procedure for Addressing S-52 Portrayal Issues

