

ATNP WG2/WP 466
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ATNP WG2
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Package 2 Impact on the Structure of the ICS SARPs

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Summary

Action Item 15/1 from the 15th meeting of ATNP WG2 was to prepare a proposed outline for the Package 2 ICS SARPs. While not provided in the form of a detailed outline the attachment to this working paper identifies a number of areas where new major sections will need to be added to the ICS SARPs.

Attachment 1: Proposed area where the ICS SARPs will need to be revised/restructured to accommodate the Package 2 enhancements.

1. Discussion

The ICS SARPs as published by ICAO and also referred to internally within the ATNP as version 2.3, includes a table of contents that only reflects the top three levels of paragraphs. A fully detailed table of contents, or outline, against the version 2.3 document reflecting all numbered paragraphs does not exist in electronic form. Therefore, in responding to the action item from the 15th meeting of WG2 the proposed changes to the structure of the ICS SARPs are presented by the attachment as a combination of revisions to the high level outline as well as red-lined changes to the text.

The attachment represents only a initial effort to reflect the changes for incorporation of the Package 2 material into the ICS SARPs. The specific proposed changes are summarized below:

1. In paragraph 5.7 a restructuring of the material on SNDCFs for fixed service subnetworks and the addition of the SNDCF for ATM subnets.
2. In paragraph 5.6.2.1 a recognition of ATN specific features dealing with IDRP security (authentication) and multicast.
3. In paragraph 5.8.3.2. a recognition of ATN specific features dealing with IDRP security (authentication) and multicast.
4. In Table 5.8-2 and Table 5.8-7 a recognition of additional types of air-ground subnetworks

The actual required changes will involve major new sections for multicast and IDRP authentication as well as a number of changes to several of the APRLs and the existing text.

2. Recommendation

The working group is invited to review the proposed changes in the attachment to this working paper and to develop a more detailed proposal for how best to modify the existing ICS SARPs to accommodate each of the new functions to be added by Package-2.