International Civil Aviation Organization
North American, Central American and Caribbean Office

DISCUSSION PAPER

**Fourth North American, Central American and Caribbean Working Group Meeting
(NACC/WG/4)**
Ottawa, Canada, 24 to 28 March 2014

Agenda Item 3:	**Follow-up on the progress of the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (NAM/CAR RPBANIP)** **3.3 ANI/WG progress report and other regional group progress reports**

**ANI/WG OPERATIONAL ANALYSIS OF THE GOLD DOCUMENT VERSION 2 TASK FORCE
DISCUSSION RESULTS**

(Presented by the AMHS TF Rapporteur)

EXECUTIVE SUMMARY
This discussion paper presents the results of discussion among the GOLD Task Force Members present at the ANI/WG 4 meeting, namely, COCESNA, Mexico and Trinidad and Tobago. The Working Group reviewed WP10, IP13 and IP35, specifically considering the draft conclusion and suggested action from WP.

Strategic Objectives:	• Safety • Air Navigation Capacity and Efficiency • Environmental Protection
References:	• RPBANIP • First NAM/CAR Air Navigation Implementation Working Group Meeting (ANI/WG/1), Mexico City, Mexico, 29 July to 1 August 2013 • 1st GOLD TF teleconference (28 October 2014) • 2nd GOLD TF teleconference (26 November 2013) • 3rd GOLD TF teleconference (13 January 2014) • NACC/WG/4 — WP/03 • NACC/WG/4 — WP/10 • NACC/WG/4 — IP/13 • NACC/WG/4 — IP/35

1. **Introduction**

1.1   During the ANI/WG/01 Meeting and based on the ANI/WG ToRs and Work Programme, the Group considered the existence of the various existing Ad hoc Groups that were working in support of the implementation working groups, such as the ADS-B Ad hoc Group, the AMHS Implementation Group, etc., and considered necessary to group them under the ANI/WG structure, including any other specific implementation task force, with the aim of providing continuity. In this regard, seven topics that shall be developed through Task Forces under the ANI/WG were identified.

1.2   Initial ToRs, preliminary membership and Rapporteurs for each Task Force were agreed during the ANI/WG/01 Meeting. In this regard Decision ANI/WG/1/3 *Terms of Reference, Work Programme and Membership of the ANI/WG Task Forces* was formulated.

1.3   The requirement to provide an operational review of the Global Operational Data Link (GOLD) document to determine its suitability as the approved guidance material in the NAM and CAR Regions was addressed by the following Conclusion:

CONCLUSION
ANI/WG/1/8   *OPERATIONAL REVIEW OF GLOBAL OPERATIONAL DATA LINK DOCUMENT (GOLD) EDITION 2*

That in order to harmonize data link application usage in the NAM/CAR Regions with adjacent ICAO Regions, the Operational Analysis of the GOLD Document Version 2 Task Force assess and present the operational considerations and recommendations for the adoption of GOLD, Edition 2, to the ANI/WG by **30 January 2014**, *for subsequent presentation at the NACC/WG/4 Meeting.*

2.   GOLD TF Progress and Results

Review of ToRs and final work programme

2.1   The Working Group took note of the GOLD TF Progress and Results and reviewed the Gold TF ToR included as **Appendix A** to NACC/WG/4 — WP/10; and the GOLD TF work programme included as **Appendix B** to NACC/WG/4 — WP/10.

2.2   The Working Group confirmed that the GOLD TF fulfilled its tasks over three teleconferences, wherein the task force members reviewed ANI/WG Decision 1/3, including the GOLD TF ToRs and work programme and that, based on ANI/WG Conclusion 1/8, the TF would present the operational considerations and recommendations for the adoption of GOLD, Edition 2 by 30 January 2014.

2.3   The GOLD Task Force review of the current GOLD Document, with emphasis on Chapters 3 and 4 and the identified differences for the NAM/CAR Regions in its Appendix E determined the efforts made on this revision of the GOLD Document for the NAM/CAR Regions final endorsement and application. Further, discussions noted that Canada, Trinidad and Tobago United States and COCESNA, indicated no major regional differences were identified from what is currently written in the GOLD document. ICAO indicated that the current GOLD Document Appendix E tables contain the latest information/planning of the NAM/CAR States as was exchanged in 2013.

2.4   The Working Group took note and agreed with the Task Force that, having determined no operational obstacles to its use, to recommend to the ANI/WG and the NACC/WG/4 Meeting adoption of the GOLD, Version 2 as the guidance material for data link procedures in the NAM/CAR Regions.

2.5   The Working Group noted the contents of WP10 where further to the need for data link guidance material, suggested to extend the scope of the GOLD TF to activities to provide assistance for the implementation with Canada leading this task. In this regard, the Working Group noted IP/13 from COCESNA and IP 35 from Canada. Trinidad and Tobago commented on their ATM system upgrades to start using CPDLC and ADS-C messages in the PIARCO FIR.

2.6   In accordance with the above, the Working Group endorsed the TF conclusion that the current GOLD TF work programme had been fulfilled and completed, but agreed a new deliverable should be suggested to the ANI/WG to provide a means of continued support for data link implementation to newly implementing States/Organizations. The GOLD TF new responsibility would include providing assistance and supporting the coordination of the implementation of CPDLC applications. Therefore, the TF should extend certain aspects of the current GOLD TF work programme until the end of 2015.

2.7   The Working Group also noted the following action agreed at the 3st GOLD TF teleconference:

> **ACT 03/02**: GOLD TF member States/Organizations to consider and encourage participation in the March 2014 ICAO Automation Workshop on CPDLC implementation. This Workshop is now scheduled for April 2014.

2.8   The Working Group highlighted that ANI/WG Decision 1/9 remains valid

3.   Suggested Actions

3.1   The Meeting is invited to:

a)   Agree that the GOLD Task Force has completed its mandate as outlined in its ToRs.

b)   Approve the following draft conclusion:

DRAFT CONCLUSION NACC/WG/4/XX   ADOPTION OF THE GOLD DOCUMENT VERSION 2 FOR DATALINK APPLICATIONS IN THE NAM/ CAR REGIONS

That, in order to promote and facilitate the implementation of data link applications in the NAM and CAR Regions, that the States and Territories of the NAM/CAR Regions adopt the GOLD Document version 2, as the guidance material and reference document for the implementation of data link applications.

a)   Extend the scope of the GOLD TF by adding a new deliverable to provide a means of continued support for data link implementation to newly implementing States/Organizations;

b)   Urge States/Organizations to participate April 2014 ICAO Automation Workshop on CPDLC implementation.

c)   propose any other action or task as deemed necessary

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