



International Civil Aviation Organization

Third North Atlantic/Caribbean (NAT/CAR) ATS Routes Working Group Meeting

(NAT/CAR WG/3)

Miami, Florida, USA, 13 to 15 November 2007

NAT/CAR WG/3 - WP/08

19/10/07

Agenda Item 3: ATS Route Structure Redesign Issues

STATUS OF ROUTE STRUCTURE REDESIGN & PUBLICATION

(Presented by the United States)

SUMMARY
This Working Paper provides an update on the status of the route structure redesign tasks necessary to complete the redesign plan of the WATRS Plus project.
ICAO Strategic Objectives: <i>A: Safety – Enhance global civil aviation safety</i> <i>D: Efficiency – Enhance the efficiency of aviation operations</i> <i>E: Continuity – Maintain the continuity of aviation operations</i>
Global Performance Indicators: <i>GPI-1 Flexible use of Airspace</i> <i>GPI-5 Performance Based Navigation</i> <i>GPI-6 Air Traffic Flow Management</i> <i>GPI-7 Dynamic and flexible ATS route management</i> <i>GPI-8 Collaborative airspace design and management</i>

1. Introduction

1.1 The updated WATRS Plus Implementation Task List is provided in a Working Paper 03. Section III of the Task List is “Route Structure Redesign & Publication”. The following is intended to provide an update on the status of tasks listed in Section III.

2. Route Structure Redesign Tasks.

2.1.1 **Coordination Meetings.** The Task List and Route Structure Redesign will be discussed in detail under Agenda Item 2. During NAT/CAR ATS Routes WG/3, the goal is to resolve, to the maximum extent possible, any redesign or policy issues related to the WATRS Plus routes in preparation for the planned 10 April 2008 publication of navigation database and aeronautical charting data.

2.1.2 **Current Route Structure Redesign Chart.** A current draft Redesign Chart will be distributed to meeting participants prior to the meeting and will be reviewed at the meeting. The FAA National Aeronautical Charting Organization has been working with the WATRS Plus Task Force to validate routes and fix coordinates. The process is near completion. The status of this effort will be discussed at the meeting.

2.1.2.1 **New TEKOL – LETON Routing.** In response to an IATA proposal, on 7 August, the FAA WATRS Plus team, including Miami and San Juan Center representatives, coordinated with IATA and the civil aviation authorities of the Dominican Republic to establish a new TEKOL – LETON routing. The IATA proposal had been for direct routing ASIVO-LETON. It was agreed that a better routing in terms of air traffic flow and route processing would be: a new WATRS Plus L452 route segment (TEKOL-DULSI-PTA-SEKAR-Grand Turk (GTK)) and then WATRS Plus route L451 to LETON.

2.1.2.2 **New WATRS Plus Route M598.** San Juan Center has proposed and the WATRS Plus team is planning a new WATRS Plus route M598 from St Maarten (PJM) to 21 North 60 West.

2.1.3 **Route and Fix Naming.** The U.S. has coordinated with the ICAO North American, Central American and Caribbean Office (NACC) to name new WATRS Plus routes and fixes in accordance with ICAO policy. Route and fix names will be shown during the meeting on the draft redesign chart and in the draft revision to the Air Navigation Plan.

2.1.4 **Special Use Airspace (SUA) Issues.** The U.S. Department of Defense has reached the decision to dis-establish the Warning Areas, Operating Areas and Weapons Ranges in the vicinity of Puerto Rico that are no longer necessary for DoD use. The process is moving forward to remove those areas from aeronautical charts. In addition, the FAA is working with the Puerto Rican Air National Guard to revise the operating hours and ceiling of Warning Area 371.

2.1.5 **CAR/SAM Air Navigation Plan (ANP) Revision.** The U.S. is coordinating and finalizing WATRS Plus routes and fixes for incorporation into the CAR/SAM ANP. The U.S. will forward a draft ANP revision to ICAO NACC in October so that the regional coordination process can start. The draft ANP revision will be discussed at the meeting in Item 2.

2.1.7 **Publication and Distribution of Final Route Redesign Charts and Navigation Databases.** The U.S. is working with the FAA National Flight Data Center and other appropriate FAA offices to disseminate all aeronautical information by 10 April 2008.

3. **Suggested Action.**

3.1 The group is invited to review the status of the Route Structure Redesign & Publication, provide suggestions and comments on the planned tasks and schedule, and support progression of redesign work as scheduled.