SUBJ:  Longitudinal and Lateral Separation North Atlantic ICAO Region

1. Purpose of This Notice. This notice adds a provision for 50 nautical mile (NM) longitudinal separation (D50) and 30 NM lateral/30 NM longitudinal separation (30/30), within the New York Oceanic Flight Information Region (FIR), to comply with current separation standards.

2. Audience. This notice applies to the following Air Traffic Organization (ATO) service units: En Route and Oceanic, Terminal, and System Operations; and all associated air traffic control facilities.


4. Procedures. Amend FAA Order JO 7110.65 to read as follows:

   Section 7. North Atlantic ICAO Region

   8-7-3. LONGITUDINAL SEPARATION

   In accordance with Chapter 8, Offshore/Oceanic Procedures, Section 3, Longitudinal Separation, apply the following:

   a. thru c. no change.

   d. Minima based on distance using Automatic Dependent Surveillance – Contract (ADS-C):

      1. Apply the minima as specified in TBL 8-7-1, ADS-C Criteria, between aircraft on the same track within airspace designated for Required Navigation Performance (RNP), provided:

         (a) Direct controller/pilot communication via voice or Controller Pilot Data Link Communications (CPDLC) is established, and

         (b) The required ADS-C periodic reports are maintained and monitored by an automated flight data processor (for example, Ocean21).

   

   TBL 8-7-1
   ADS-C Criteria

<table>
<thead>
<tr>
<th>Minima</th>
<th>RNP</th>
<th>Maximum ADS-C Periodic Reporting Interval</th>
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<tbody>
<tr>
<td>50 NM</td>
<td>10</td>
<td>27 minutes</td>
</tr>
<tr>
<td>50 NM</td>
<td>4</td>
<td>32 minutes</td>
</tr>
<tr>
<td>30 NM</td>
<td>4</td>
<td>10 minutes</td>
</tr>
</tbody>
</table>

   2. Aircraft on reciprocal tracks may be cleared to climb or descend to or through the altitude(s) occupied by another aircraft provided:
(a) An ADS-C position report on at least one of the aircraft has been received beyond the passing point, and
(b) The aircraft have passed each other by the applicable separation minimum.

**NOTE-**
Ocean21 has been designed to check for the above criteria prior to allowing the minima to be provided.

3. When an ADS-C periodic or waypoint change event report is overdue by 3 minutes, the controller must take action to obtain an ADS-C report.

4. If no report is received within 6 minutes of the time the original report was due, the controller must take action to apply another form of separation.

**8-7-4. LATERAL SEPARATION**

In accordance with Chapter 8, Offshore/Oceanic Procedures, Section 4, Lateral Separation, apply the following:

- **a.** 30 NM to RNP-4 approved aircraft operating within airspace designated for RNP-4 when direct controller/pilot communications, via voice or Controller Pilot Data Link Communications (CPDLC), and the required ADS-C contracts are maintained and monitored by an automated flight data processor (e.g., Ocean21).

Re-letter existing paragraphs a. thru d. as b. thru e.

**5. Distribution.** This notice is distributed to the following ATO service units: Terminal, En Route and Oceanic, System Operations, and Mission Support; the Office of ATO Safety and Technical Training; the Air Traffic Safety Oversight Service; the William J. Hughes Technical Center; and the Mike Monroney Aeronautical Center.

Elizabeth L. Ray
Vice President, Mission Support Services
Air Traffic Organization

Date Signed

Nov 08 2013