**Thirtieth Meeting of the**

**Informal South Pacific ATS Co-ordinating Group**

**(ISPACG/30)**

**Surfers Paradise, Australia**

**14 to 17 March 2016**

**Agenda [5.8]**

**ATS Interfacility Data Communications (AIDC) Performance**

**Presented by** **FAA**

**SUMMARY**

This paper looks at ATS Interfacility Data Communications (AIDC) performance from Sep, 2015 – Jan, 2016.

**1. INTRODUCTION**

1.1 AIDC performance is evaluated by looking at AIDC message delays, Logical Rejection Message (LRM) responses and truncated routes in AIDC messages from Sep, 2015 – Jan, 2016.

**2. DISCUSSION**

2.1 The following graphs display the average delay for an inbound AIDC message and the total number of messages exchanged. The average delay is computed as the difference between the time received in the Time Stamp field and the time that Ocean21 receives the message.

2.2 Below are the LRM Messages exchanged from Sep, 2015 – Jan, 2016

1. LRM Messages received for Outbound Coordination Messages

|  |  |
| --- | --- |
| **LRM/Coordination Message** | **Total** |
| **RMK/65/INVALID MESSAGE SEQUENCE** | **156** |
| **ABI** | **88** |
| NFFFZQZF | 75 |
| NZZOZQZF | 13 |
| **CDN** | **29** |
| NFFFZQZF | 1 |
| NZZOZQZF | 28 |
| **ACP** | **21** |
| NFFFZQZF | 21 |
| **CPL** | **18** |
| NFFFZQZF | 16 |
| NZZOZQZF | 2 |
| **RMK/26/14,15/INVALID ENROUTE POINT** | **26** |
| **ABI** | **24** |
| NFFFZQZF | 24 |
| **CPL** | **2** |
| NFFFZQZF | 2 |
| **RMK/57//SYNTAX ERROR** | **17** |
| **ABI** | **14** |
| NZZOZQZF | 14 |
| **CPL** | **3** |
| NZZOZQZF | 3 |
| **RMK/6/INVALID ACID** | **6** |
| **CDN** | **5** |
| NFFFZQZF | 5 |
| **ACP** | **1** |
| NFFFZQZF | 1 |
| **RMK/62/22/8/IS** | **5** |
| **ABI** | **5** |
| YBBBZQZF | 5 |
| **RMK/62/22/8/IM** | **5** |
| **ABI** | **5** |
| YBBBZQZF | 5 |
| **RMK/54/22/14/00N160E/1524F370/W30E** | **1** |
| **CDN** | **1** |
| YBBBZQZF | 1 |
| **RMK/54/16//W10E** | **1** |
| **EST** | **1** |
| YBBBZQZF | 1 |
| **Grand Total** | **217** |

1. LRM Messages sent for Inbound Coordination Messages

|  |  |
| --- | --- |
| **LRM/Coordination Message** | **Total** |
| **RMK/65/INVALID MESSAGE SEQUENCE** | **347** |
| **CPL** | **160** |
| NFFFZQZF | 75 |
| NTTTZQZF | 75 |
| NZZOZQZF | 10 |
| **ABI** | **134** |
| NFFFZQZF | 64 |
| NTTTZQZF | 31 |
| NZZOZQZF | 36 |
| YBBBZQZF | 3 |
| **ACP** | **39** |
| NFFFZQZF | 13 |
| NTTTZQZF | 7 |
| NZZOZQZF | 18 |
| YBBBZQZF | 1 |
| **CDN** | **11** |
| NFFFZQZF | 5 |
| NZZOZQZF | 6 |
| **EST** | **3** |
| YBBBZQZF | 3 |
| **RMK/6/INVALID ACID** | **9** |
| **ACP** | **5** |
| NFFFZQZF | 5 |
| **CDN** | **4** |
| NFFFZQZF | 2 |
| NZZOZQZF | 2 |
| **RMK/26/14,15/INVALID ENROUTE POINT** | **2** |
| **CPL** | **1** |
| NZZOZQZF | 1 |
| **ABI** | **1** |
| NZZOZQZF | 1 |
| **RMK/52/0/MORE THAN ONE FIELD MISSING** | **1** |
| **CPL** | **1** |
| NTTTZQZF | 1 |
| **Grand Total** | **359** |

2.3 Total number of flights with coordination messages sent containing truncated routes from Sep, 2015 – Jan, 2016.

|  |  |
| --- | --- |
| **FIR** | **Total** |
| YBBBZQZF | 26 |
| NTTTZQZF | 19 |
| NFFFZQZF | 8 |
| NZZOZQZF | 3 |
| KZCEZQZX | 1 |
| **Grand Total** | **57** |

**3. ACTION BY THE MEETING**

3.1The meeting is invited to note the information provided.