NDB Meeting

July 9-11, 2019, Seattle, Washington

# 1. General

#### Welcome and introduction

#### Intellectual Property Presentation

## 2. Acceptance of the NDB Meeting Report (18-120/NDT-177)

## 3. IFPP Report and new IFPP ARINC 424 Member

## 4. Working Papers (19-064/NDT-179)

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| Subject | Source |
| 1. Errata Report | ARINC IA |
| 1. Change to Receive Navaid Figure of Merit Values from the State | MITRE |
| 1. RF TF Concurrent Operations | PARC |
| 1. Attachment 5 Clean Up of Approach Coding Rules | Lufthansa System FlightNav |
| 1. Update to Waypoint Type | Lufthansa System FlightNav |
| 1. Deletion of ARINC-424 Rule 6.3.6.5 (FC-CF transition to localizer approach) | Bendixen Consulting |
| 1. PowerPoint to Lead the Discussion on Deletion of ARINC-424 Rule 6.3.6.5 (FC-CF transition to localizer approach) | Bendixen Consulting |
| 1. Level of Service Authorization Clarification | Universal Avionics |
| 1. IFPP Report | Jeppesen |
| 1. Runway Gradient Max Gradient | Jeppesen |
| 1. Heliport Type | Jeppesen |
| 1. ALT DESC Code G Description | Jeppesen |
| 1. Change to Aircraft Category Rules | Jeppesen |
| 1. Baro-VNAV Authorization | Jeppesen |
| 1. Vertical Angles on STARs | Jeppesen |
| 1. Changes to the Leg Data Field | Lufthansa System FlightNav |
| 1. Update 424XML Documentation | Kevin Wells |
| 1. HF Frequencies Below 2800 kHz | Garmin |
| 1. VFR Checkpoints & VFR Reporting Points | Garmin |
| 1. Preferred Route—Blank Row | Garmin |
| 1. Route Identifier Naming Convention | AeroNavData |

# 5. Other Papers

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| --- | --- | --- |
| 22 | Military Route and Airspace Additions | MITRE |
| 23 | Example of Using Supplemental Data in XML | MITRE |
| 24 | Procedure Name | Boeing |
| 25 | Airport Approach Minima | Boeing |
| 26 | xA to 400ft Action item follow up | Action Team |
| 27 | Extension of Procedure and Transitions/Airways Identifiers in XML | Airbus |
| 28 | Remove extra C Code from Helipad Shape | NGA |
| 29 | Remove K From Airport/Heliport Identifier | NGA |
| 30 | Runway Type | NGA |
| 31 | VOR MON Airport Indicator | Collins Aerospace |
| 32 | ADD-B Airway Constraints | NGA |
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# 6. Action Items from the Previous Meeting Report

1. Universal Avionics is to provide a working paper or discussion paper on Level of Service Flag. The objective is to determine the level of service, if they are on the chart and not authorized, or only to capture the authorized levels of service.
2. Airbus is to provide an updated proposal on Initial Missed Approach Leg with Immediate Turn. Data base suppliers are to provide test data to FMS manufactures (Working Paper 8 Reference 17-161/NDT-173).
3. Universal Avionics accepted the action item to review Chapter 4 and update Notes 1 and 2, as appropriate, to the non-standard sorting sequence.
4. FMS manufactures are to research and provide feedback to Lufthansa System FlightNav: if the recommended navaid goes away, what will the FMS do with it? (Working Paper 12 Reference 18-094/NDT-176)
5. All will review the proposal on revising the number of Rules in Attachment 5 and determine the impact of a complete rewrite (Working Paper 18 Reference 18-094/NDT-176).
6. AeroNavData is to research and develop a proposal on Section 5.300 to determine if it is necessary (Working Paper 20 Reference 18-094/NDT-176).

# 7. Future Work Program

#### a. Tasks to next meeting

#### b. Next Meeting Dates and Location (Tentative): NGA has offered to host the next meeting in St Louis, Missouri