



U.S. Department
of Transportation
**Federal Aviation
Administration**

Aircraft Certification Service
Compliance & Airworthiness Division
Boston ACO Branch, AIR-7B0

1200 District Avenue
Burlington, MA 01803
(781) 238-7151

August 3, 2020

In reply refer to: 20-DOC-06266-08

Innovative Solutions & Support
Attention: Brian Urbanski
1500 District Avenue
Burlington, MA 01803

Dear Mr. Urbanski:

Type II Letter of Acceptance LOA0002BO for Aeronautical Databases

This Letter of Acceptance (LOA) supersedes 18-DOC-16248 (and LOA0001NY).

This letter is in response to your letter dated July 21, 2020 and therein referenced submittals, requesting a change to your database Letter Of Acceptance (LOA) 18-DOC-16248 (previously identified as LOA0001NY). The FAA has determined that Innovative Solutions & Support (IS&S) complies with AC 20-153B and RTCA/DO-200B with regards to its processing of navigation data, obstacle data, terrain data, and pre-composed electronic chart data. Compatibility has been established with the systems identified in IS&S document 1D-08880, Revision 10, dated July 21, 2020, or later FAA approved revision.

Effective with this letter, the FAA is re-identifying this database LOA as LOA0002BO in accordance with Order 8110.55B. Please use this identifier on further communications to users and the FAA regarding the covered databases.

The following terms and conditions are applicable to this LOA, are not transferable, and are effective until surrendered or withdrawn by the holder, or terminated by the FAA:

1. Data quality requirements and data processing procedures are defined in the following IS&S and Jeppesen documents:

Database Type	Data Quality Requirements	Data Processing Procedures
Navigation	1R-08846	1R-08878
Obstacle	1R-12770	1R-12771
Terrain	1R-13260	1U-13275
Pre-composed Electronic Chart	CTS_R-013 (Jeppesen document)	1D-13217

2. Reporting of Failures, Malfunctions, and Defects. IS&S must report to the Manager, Boston ACO Branch any failure, malfunction, or defect of the

aeronautical data produced under this LOA that may have a safety effect on operational use of the data.

3. Maintain a Quality Management System (QMS). IS&S must maintain a QMS as described in RTCA/DO-200B Section 2.5. Changes to the QMS that may affect the data quality objectives must be reported to the Manager, Boston ACO Branch before implementation.
4. Design Changes.
 - a. IS&S must submit minor changes to the data quality requirements, the data processing standards, or the QMS to the Manager, Boston ACO Branch in accordance with the procedures described within IS&S quality manual document 1U-03469 Revision AF, FAA approved on 06-22-2018, or later FAA approved revision. All other changes are considered major and must be substantiated and accepted prior to implementation in the same manner as that for the original LOA.
 - b. Upon receipt of notification by the Manager, Boston ACO that an unsafe condition exists in database product supplied under this LOA, IS&S shall develop corrective action and submit to the Manager, Boston ACO Branch for approval. IS&S shall expedite distribution of the approved corrective action to customers and users.
5. IS&S must perform periodic internal audits as described in RTCA/DO-200B Section 3, with a maximum time between audits (whether total or incremental) of not more than one year. Any major non-conformities as described in RTCA/DO-200B Section 3.4 must be reported to the Manager, Boston ACO Branch. Additionally, the FAA may perform audits in accordance with procedures described within RTCA/DO-200B, section 3.
6. IS&S must provide a release statement with each database distribution to broadcast LOA status, state their compliance, and provide information on known deviations and modifications.
7. IS&S must advise its customers of the status of its LOA as well as the status of LOAs (or Foreign acceptance, including designation of the foreign authority that acknowledges the foreign source's compliance to RTCA/DO-200B and the means of approval or acceptance) for all Type 1 LOA holders (up to, but not including, a Contracting State's AIP). The method must be timely to ensure that customers can react to changes in the status of its LOA.

Sincerely,

Kevin Dickert
Manager, Boston ACO Branch

Enclosure

Cc: Anthony Pigott, Timothy Chopp