

Data Comm New Operator Quick Start Guide

Use this document to help you navigate the information for new Data Comm CPDLC DCL Operators.

[Click on heading title to view presentations and documents](#)

Data Communication Program Information

Voice communication frequencies between pilots and air traffic control (ATC) are becoming increasingly congested and will not be able to accommodate the projected increase in air traffic demand. Use of Data Communications (Data Comm) to supplement some routine voice communications will increase efficiency, capacity, and safety.

[Data Comm Operator Introduction](#)

General explanation of the Data Comm program and update of implementation status.

Data Comm Operator Equipment Requirements

- Data Comm Implementation Team (DCIT) [Recommended Avionics Configurations](#)
- Data Comm Segment 1 Phase 1 Minimum Avionics Requirements -- Tower Services – Controller Pilot Data Link Communications Departure Clearance (CPDLC DCL)
 - CPDLC: FANS 1/A or FANS 1/A+
 - Communication: VDL Mode 2 (with multi frequency capability preferred) **or** Plain Old ACARS (POA or VDL Mode 0)
- Data Comm Segment 1 Phase 1 -- En Route CPDLC Services
 - CPDLC – FANS 1/A or FANS 1/A+
 - Communications: VDL Mode 2 with multi frequency *

*PARC CWG is currently investigating the use of POA and other media in En Route domestic airspace.

Departure Clearance Operator Documentation

[CPDLC Departure Clearance End to End Description](#)

This document describes the Future Air Navigation System (FANS) 1/A(+) Controller Pilot Data Link Communication (CPDLC) Departure Clearance (DCL) service that is being deployed by the Federal Aviation Administration (FAA) in 2016. The document describes the roles of the controller, pilot, and dispatcher.

Flight Deck Documentation

- [Flight Deck User Guide](#)

The Flight Deck User Guide will assist in bringing the flight crew up to speed on the CPDLC DCL process within the cockpit.
- [Flight Deck Overview Presentation](#)

This document provides the overview of the flight deck's role in the CPDLC DCL service.
- [CPDLC Demonstration Video](#)

A short video from the cockpit of a Boeing 737 cockpit demonstrating CPDLC DCL service.

 - [Full Video](#)

Dispatch Documentation

- [AOC Overview Presentation](#)

This document provides the overview of the dispatcher's role in the CPDLC DCL service.

- [Interface Requirements Document](#)

This Interface Requirements Document (IRD) provides the technical requirements for the operator's dispatch IT system to receive copies of the CPDLC DCL message traffic.

- [Interface Control Document](#)

This Interface Control Document (ICD) defines the design characteristics for the operator's dispatch IT system to receive copies of the CPDLC DCL message traffic.

Operational Problem Reporting (OPR)

- [Operational Problem Report Form](#)

Please use this form to report all issues.

Contact the Data Comm Team

For all general Data Comm questions contact: DCIT@Harris.com.

For further program information contact:

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