

Indy Center kicks off CPDLC trials - the system is live!

OPSGROUP Team
8 October, 2018

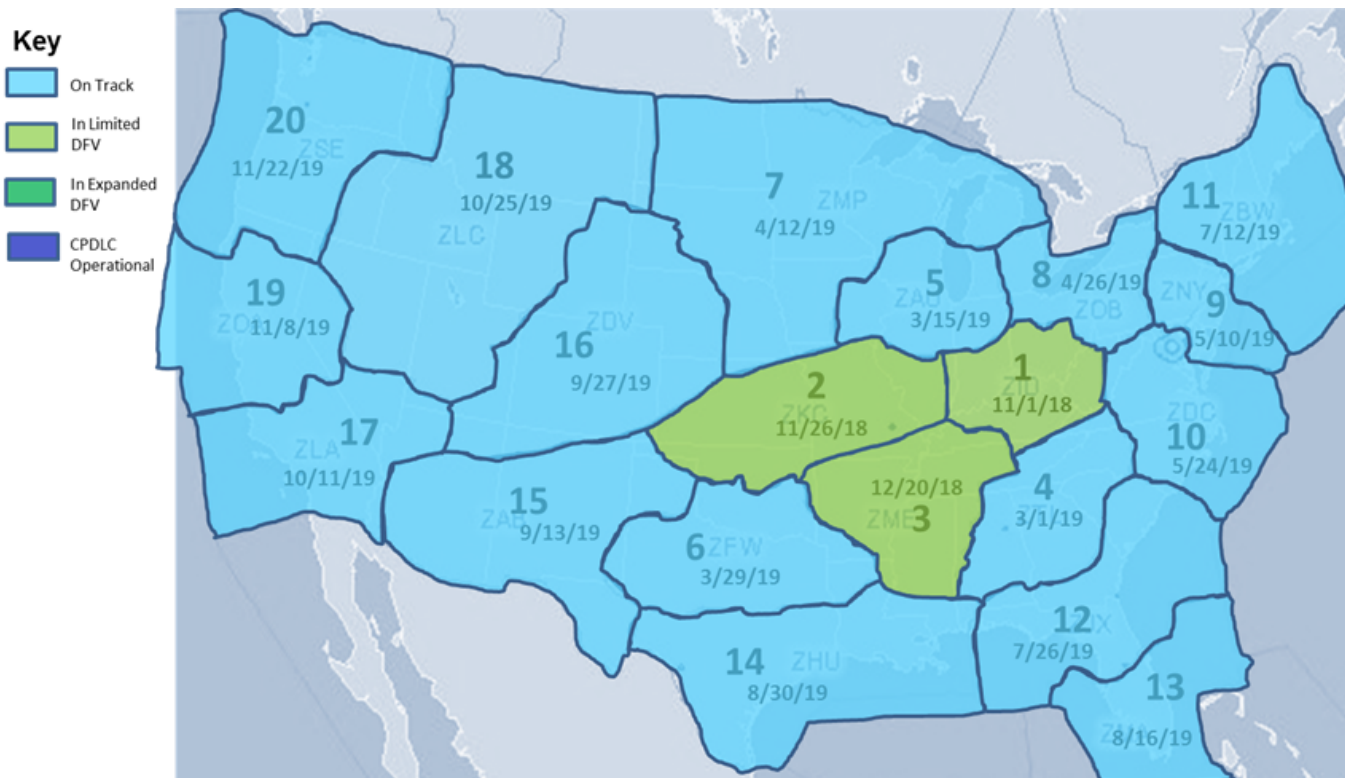


The United States is rolling out En Route FANS CPDLC during 2018-19, for all equipped, trained and permitted operators. The FAA's Advisory Circular AC 90-117 outlines the requirements for U.S. operators.

Trials have begun with **KZID/Indianapolis going live with 24/7 ops** starting last week.

We also understand that **KZME/Memphis** and **KZKC/Kansas City** are still in the testing phase with CPDLC and voice read back happening 1-2 nights per week during the midnight shift.

The current deployment schedule as it stands can be found in this graphic. [if you know what DFV means, let us know!]



How to participate:

- The **FANS logon** is “KUSA” for the **entire** country and you may logon at **any time**. The CPDLC connection will become active after departure, and the crew is notified via a **welcome message** uplink. If En Route FANS CPDLC enabled airspace is active, you will stay logged on. If the aircraft transitions from En Route FANS CPDLC enabled airspace into non-Data Link airspace with an active CPDLC connection then the connection will terminate approximately seven minutes after exiting.
- To participate, file “DAT/FANSE” in **Field 18** of the ICAO **Flight Plan**.
- Equipment required** is VDL Mode 2, indicated as “J4” in **Field 10a** of the ICAO **Flight Plan**.
- If an operator wants to use domestic En Route FANS CPDLC **and is already using** FANS DCL then the majority of operations will fall into one of these scenarios:
 - (1) The operator uses FANS DCL **via** the “DAT/1FANS2PDC” **preference in Field 18 of the ICAO Flight Plan**. In that case, **update** the preference to “DAT/1FANSE2PDC”.
 - (2) The operator uses FANS DCL **via** the **FAA’s Subscriber Database**. In that case, the operator will want to add the entry “DAT/FANSE” in Field 18 of the Flight Plan.

Some things to keep in mind:

- Domestic En Route FANS CPDLC enabled airspace will be seamlessly integrated with **foreign** (Canadian) and **Oceanic** FANS CPDLC enabled airspace.
- The **Oceanic Clearance will not be delivered via FANS CPDLC**. You will still need to request the clearance via AFIS/ACARS or obtain it via voice.



Have you had the chance to try it out recently? Let us know!

Extra Reading:

- Rockwell Collins
- FAA Advisory Circular AC 90-117