**Iran vACC EuroScope Tag Classes**

# Control Pages

## Document Identification

| Document Identification | |
|---|---|
| Type | Training Material |
| Version | 1.0 |
| Prepared Date | 25 August 2025 |
| Prepared by | Parsa R. IRN06 |
| Approved by | Amir G. IRN01 |

## Revision Records

| Revision | Date | Description of Change | Author |
|---|---|---|---|
| 1.0 | 25 August 2025 | Initial draft | Parsa R. IRN06 |
| | | | |

# Track Labels

Data fields in "Normal Text", can be selected globally on/off via the Track Control Window, or for some of them, for individual tracks via the selected or Extended track label.
Data fields in Bold Text are always shown.
Data fields in (Parentheses), are blank (instead of displaying the field name) when there is no data.

In the case of the CFL/PEL field, only the PEL display can be selected off. For the COPN/COPX field, only the COPX display can be selected off.

The Selected Label is shown when the cursor is hovering over a label, otherwise the Unselected Label is shown.

# Uncorrelated label

Track label not correlated with a flight plan.

## Unselected / Selected track

```
(EMRG ALRT)
(FLTID) / TSSR
AFL (a)  GS
```

# Standard label

Track label correlated with a flight plan. The Standard label is shown for Coordinated, Assumed, Redundant and Informed tracks.

## Unselected track

```
(COM * V ALRT W Y R P M • • A + C TEL I F S EMRG COORD NSSR CPDLC_E CPDLC_W TEXT2)
(MTDC)  CALLSIGN  (SI)  (NRAC)  ATYP  WTC  TSSR
AFL  (a)  COPN/COPX  GS  NPT  RFL  ADES
CFL/PEL  XFL  AHDG  ASP  ARC
```

## Selected track

```
(COM * V ALRT W Y R P M • • A + C TEL I F S EMRG COORD NSSR CPDLC_E CPDLC_W TEXT2)
(MTDC)  CALLSIGN  (SI)  ATYP  WTC  TSSR
AFL  (a)  CFL/PEL  GS  COPN/COPX  RFL
XFL  AHDG  ASP  NPT  ADES
```

| Data Fields | Description | Left-click action | Right-click action |
|---|---|---|---|
| a | Vertical Trend Indication | Invoke SEP tool with VSEP | |
| ADEP | Departure aerodrome | | For debugging only: Toggle route prediction points draw |
| ADES | Destination aerodrome | Open FPL Window | Toggle ADES display |
| AFL | Actual Flight Level | Toggle AFL highlight | Toggle Level Band Highlight (AFL) |
| AHDG | Assigned heading | Open AHDG menu | Clear AHDG value / ACK, RJC or FAIL coord |
| ALRT | Alert message in priority order: "MSAW" "APW" "AIW" "L"(CLAM) "D" (DUPE) | | Acknowledge AIW alert |
| ASP | Assigned speed | Open ASP menu | Clear ASP value / ACK, RJC or FAIL coord |
| ASSR | Assigned mode A code | Open ASSR menu | Send CPDLC Squawk SSR |
| ATYP | Aircraft type | Toggle ATYP highlight | Toggle ATYP display |
| C | Inbound clearance | Toggle Inbound clearance flag | |
| CALLSIGN | Callsign | Open Callsign menu | Open Extended label |
| CFL / PEL | Cleared Flight Level or Planned Entry Level | Open CFL/PEL menu | Open Vertical Aid Window |
| COM | Communication type | Open communication type popup | |
| COPN / COPX | Entry point or Exit point | Open Waypoint menu | Toggle Route draw with MTCD |

| | | | |
|---|---|---|---|
| COORD | Coordination message<br>ROF message sent / received: "ROF"<br>Transfer with release:<br>"F" fully released<br>"C" released for climb<br>"D" released for descent<br>"T" released for turns | Open Tactical transfer menu | Open Tactical Info Window |
| CPDLC_E | CPDLC Emergency messages:<br>"SQ7500"<br>"MAYDAY"<br>"PAN" | Open CPDLC Emergency Acknowledgment menu | |
| CPDLC_W | CPDLC Warning | CPDLC Warning functions | Open CPDLC Current Message Window |
| EMRG | Emergency:<br>"HI" for squawk 7500<br>"CF" for squawk 7600<br>"EM" for squawk 7700 | | |
| F | No fix warning<br>If IFR flight is not routing via one of specified fixes to its destination | Toggle No Fix flag | |
| GS | Ground Speed | Invoke SEP tool | Toggle GS display |
| I | Flight information<br>If OP_TEXT has data | | Open extended label |
| M | Military coordination | Toggle Military Coordination flag | Toggle Route draw with SAP |
| MTCD | MTCD indicator<br>"•" if aircraft has an MTCD conflict | Invoke SEP tool | Toggle Route draw with MTCD |
| NPT | Next route point | Open Waypoint menu | Open CPDLC Current Message Window |
| NSSR | SSR warning<br>Displays ASSR if different from TSSR | Open ASSR menu | Send CPDLC Squawk SSR |
| OP_TEXT | Flight information message | Edit OP_TEXT | |
| OP_TEXT2 | OP-TEXT2 message | Edit OP_TEXT2 | |
| P | No P-RNAV/RNAV1 capability | | |

| | | | |
|---|---|---|---|
| R | No B-RNAV/RNAV5 capability | | |
| RFL | Requested Flight Level | Open RFL menu | Open CPDLC Current Message Window |
| S | Mode S mismatch indicator | | |
| SI | Sector Indicator | Assume / Transfer | Toggle SI frequency |
| TEXT2 | OP-TEXT2 message | Edit OP_TEXT2 | Open extended label |
| TSSR | Aircraft transmitted mode A code | | |
| V/Y/Z | Flight rules<br>"V" if VFR<br>"Y" if first IFR and later VFR<br>"Z" if first VFR and later IFR | | |
| W | No RVSM capability | | |
| WTC | Wake turbulence category | Toggle WTC highlight | |
| XFL | Exit Flight Level | Open XFL menu | Toggle Level Band Highlight (XFL) |
| Y | No 8.33kHz capability | | |

# DCL (Step by Step)

1.  Navigate to Setup > CPDLC Setting. In this menu, select Login as the facility you want to cover (ie. OIII). Enter your Hoppie Logon Code in the Logon Code field, and enable the DCL/PDC setting. (Do not select Auto).
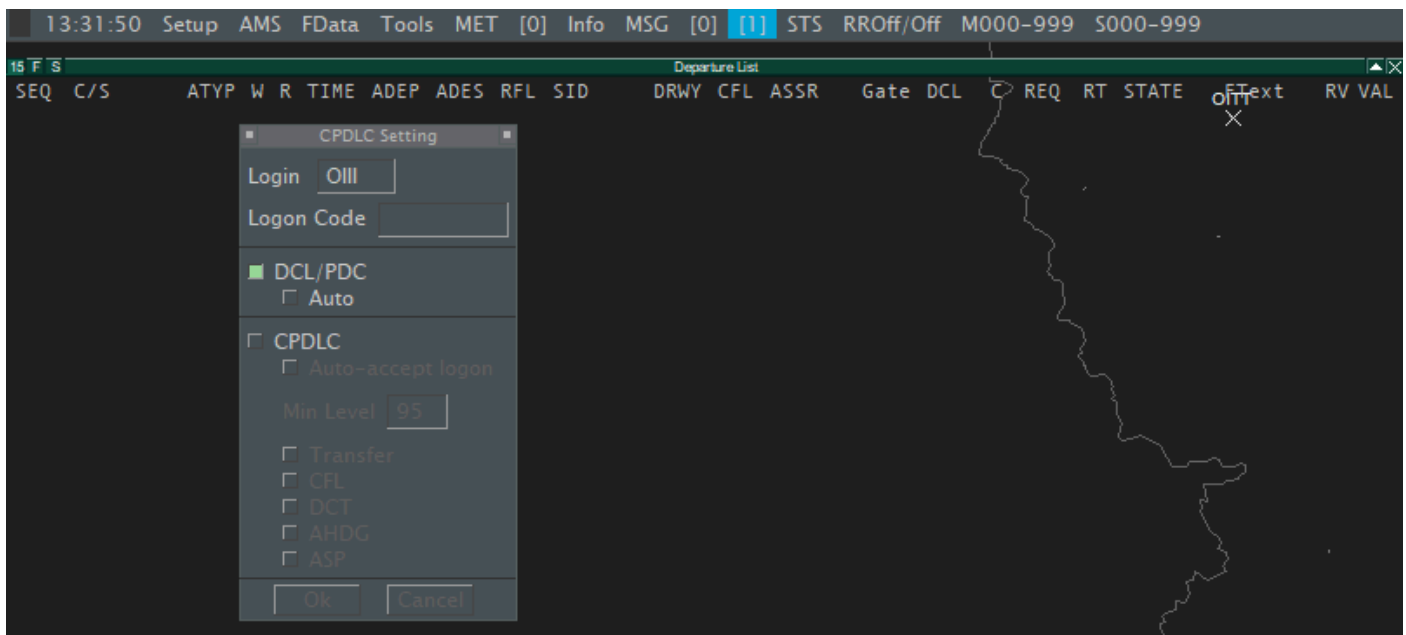


2.  After receiving a DCL request, the yellow RCD indicator will appear, and the request will be displayed in the CPDLC current messages box.
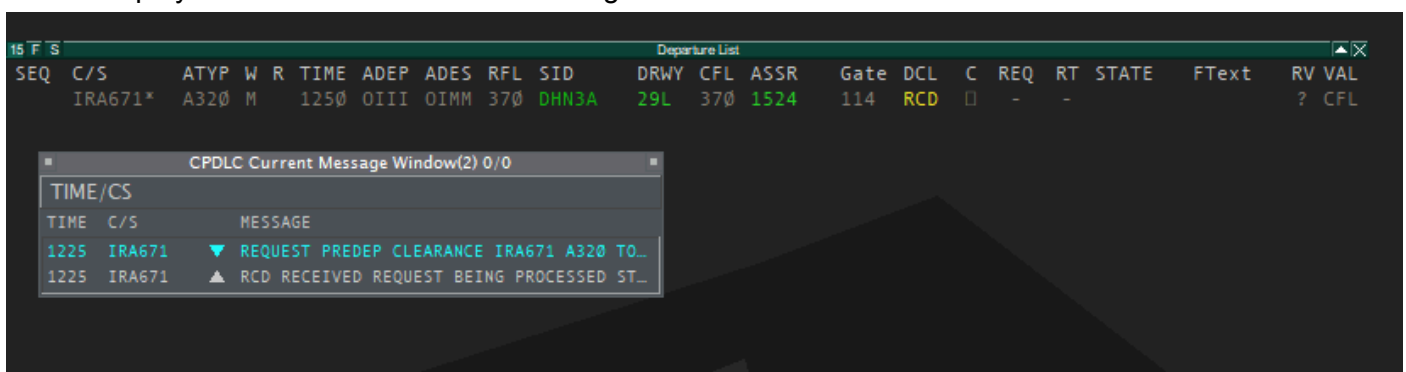


3.  Complete all required fields in the departure list, then click on RCD in the departure list.
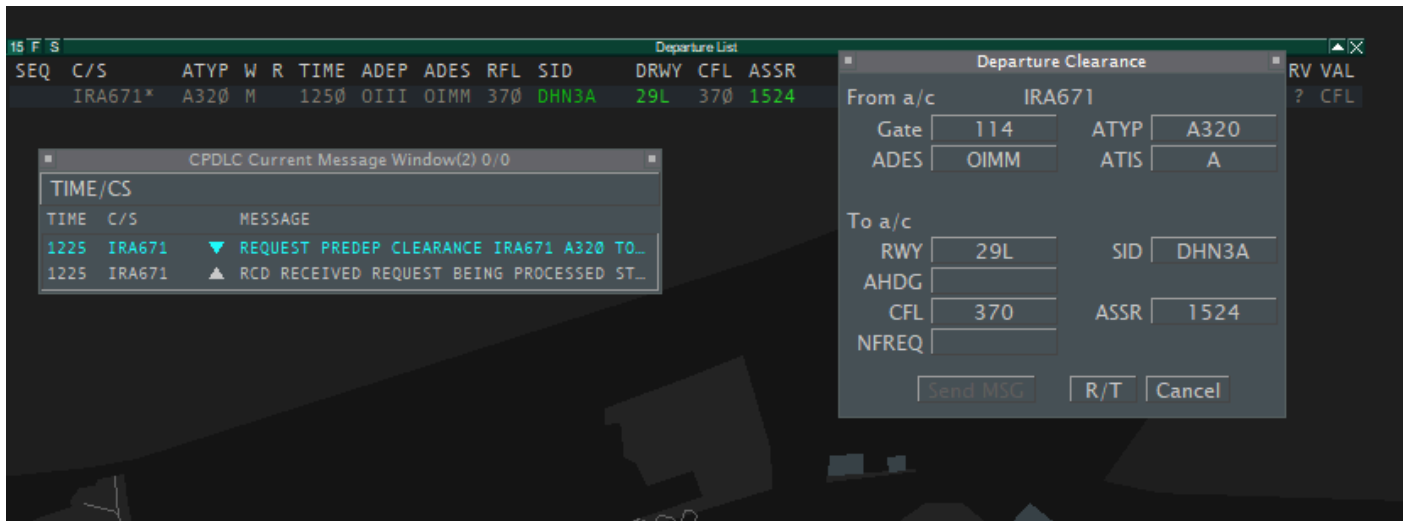
4. Review all fields in the DCL Departure Clearance window, set the Next Frequency (NFREQ), and click Send MSG.
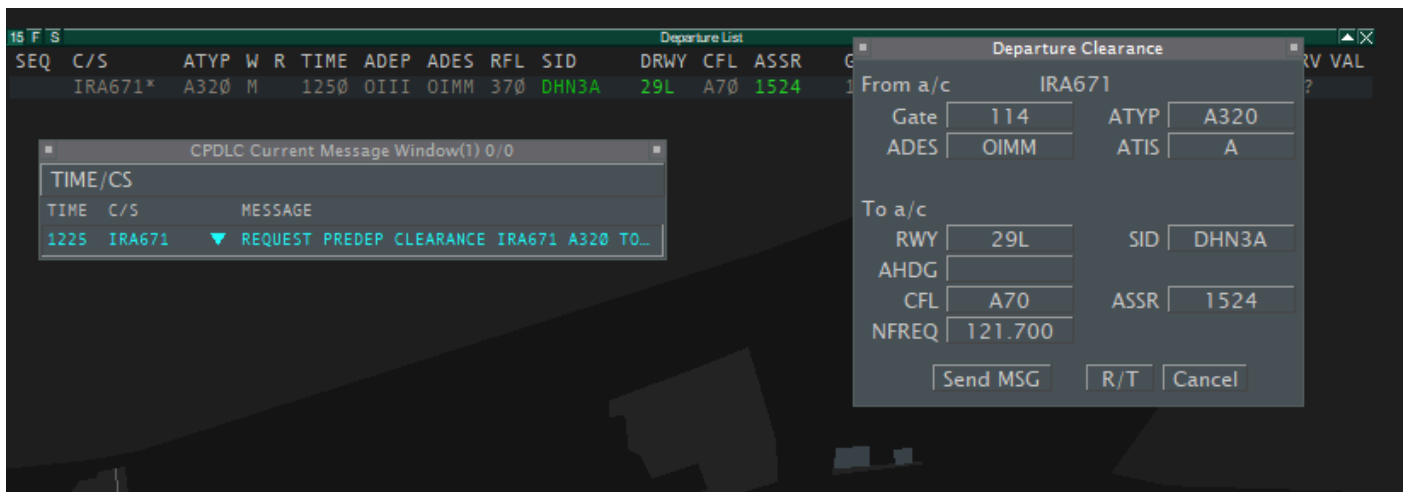


5. The DCL status will change from RCD to SENT. The aircraft will review the clearance and send a response.
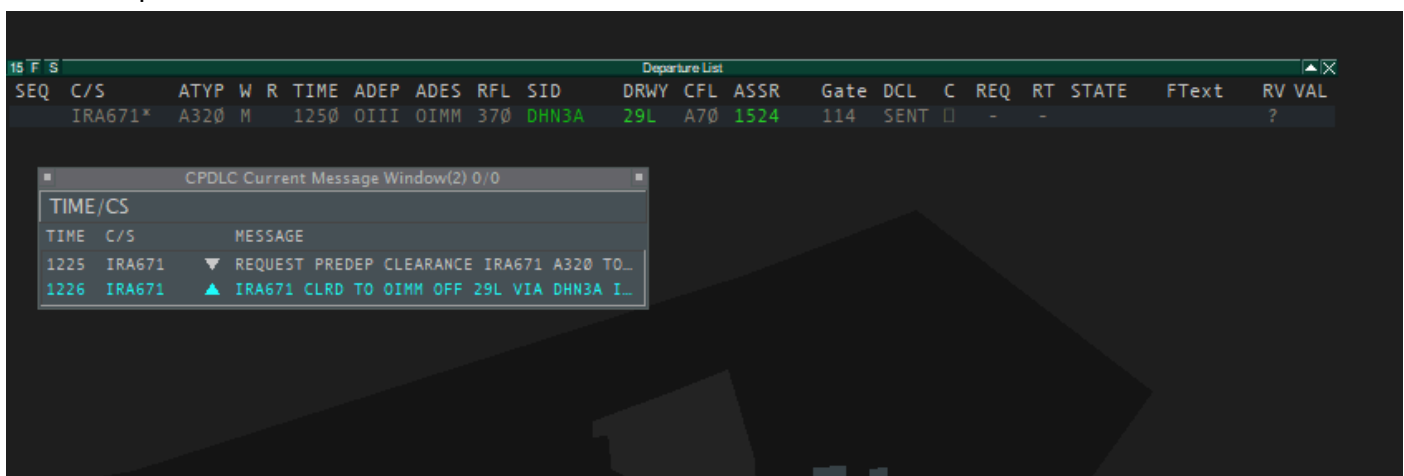


6. After a successful response from the aircraft, the DCL status will change from SENT to DONE, and the C flag will be filled.
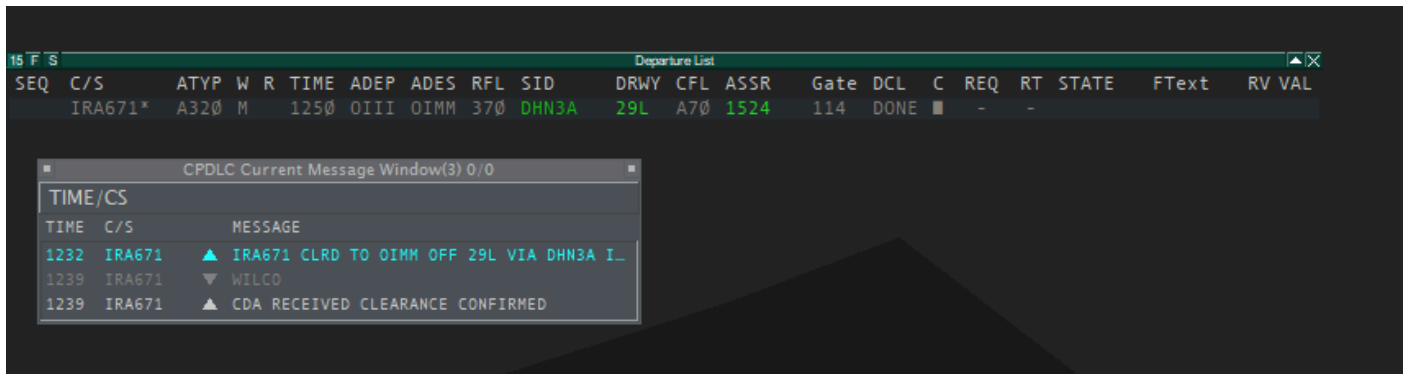
# Route Validator  / RV Flag

RV Flag Status in Departure List:

- No Flag (Empty): Flight plan and route are valid, no issues.
- R: Route issue detected, flight level is correct.
- L: Flight level issue detected, route is correct.
- X: Both route and flight level have issues.
- ?: No configuration available for this route – validation not possible.

# CPDLC (Step by Step)

**Note:** CPDLC is only provided by **CTR positions** for **en-route traffic above FL300**.

1. Navigate to Setup > CPDLC Setting. Select Login as the facility you want to cover (e.g., OIIX). Enter your Hoppie Logon Code in the Logon Code field.Enable the CPDLC setting and Auto Logon (this will automatically accept traffic above your chosen threshold, without requiring manual approval).
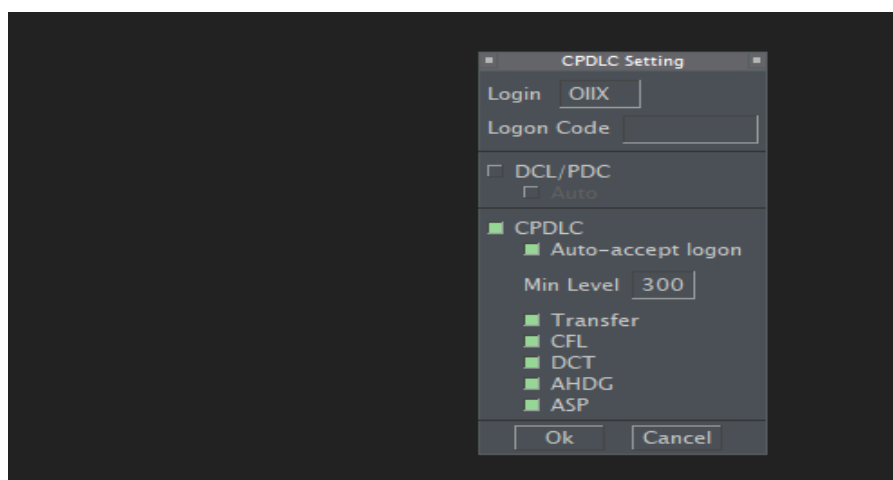
2. Upon a successful request from traffic, a LOGON request will appear in the CPDLC Messages window.
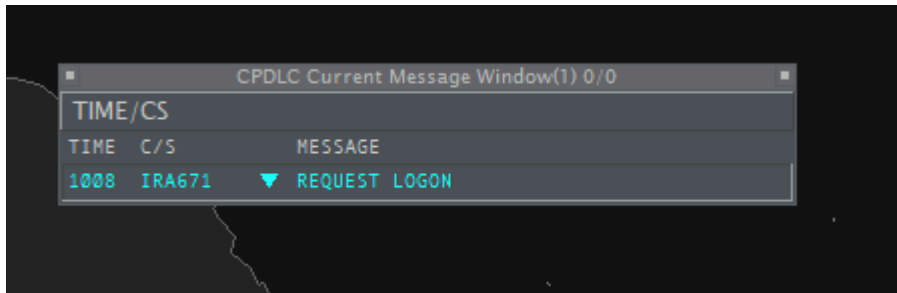


3. If Auto Logon was enabled in Step 1, CPDLC will be accepted automatically. Otherwise, you must manually accept the LOGON request.
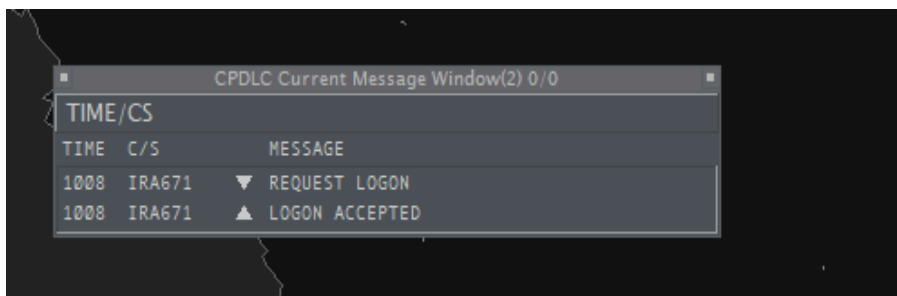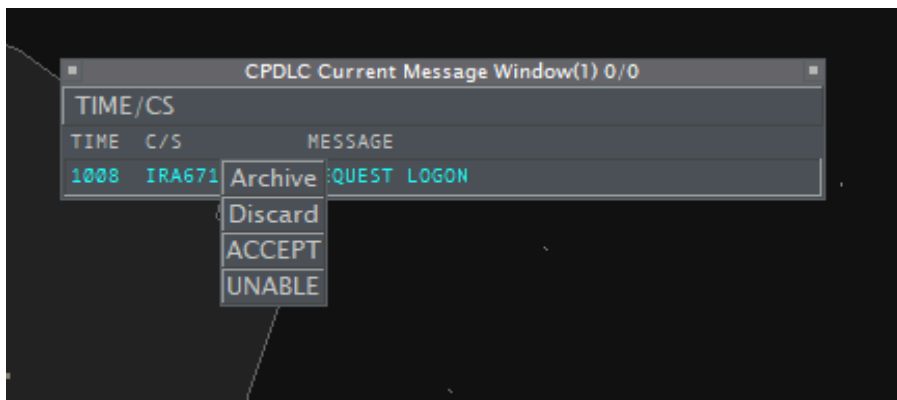




4. After a successful LOGON handshake between ATC and the aircraft, the callsign in the tag will appear inside a square box, indicating that the traffic is connected via CPDLC.



5. Once CPDLC is established, all requests between ATC and the pilot will be handled through CPDLC.By selecting CFL, ASP, DCT, or other relevant values, the request will be sent to the pilot.For example, if ATC instructs the pilot to descend to FL280, the instruction will be transmitted via CPDLC.The request will appear in cyan color on both the aircraft tag and the Messages window.
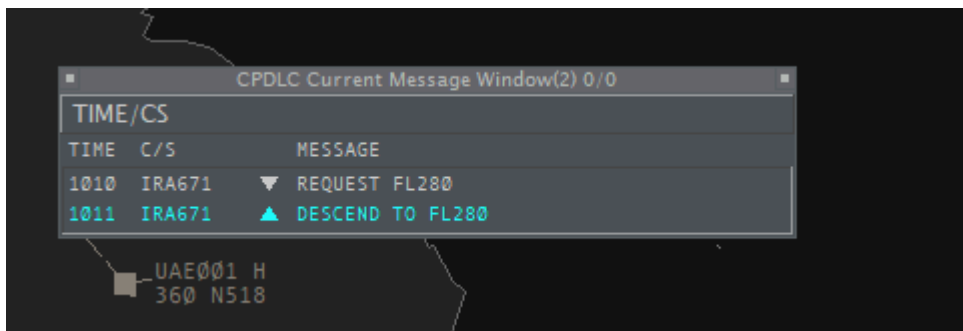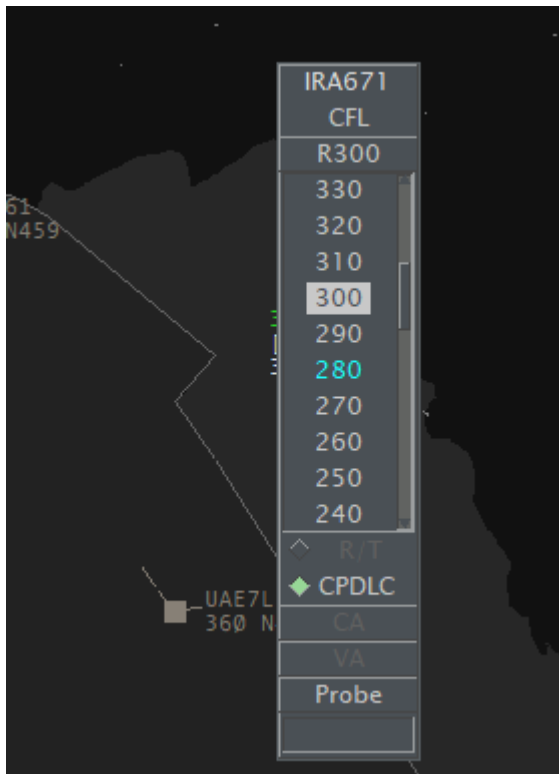
6. After the pilot successfully acknowledges the instruction, a WILCO message will be received.
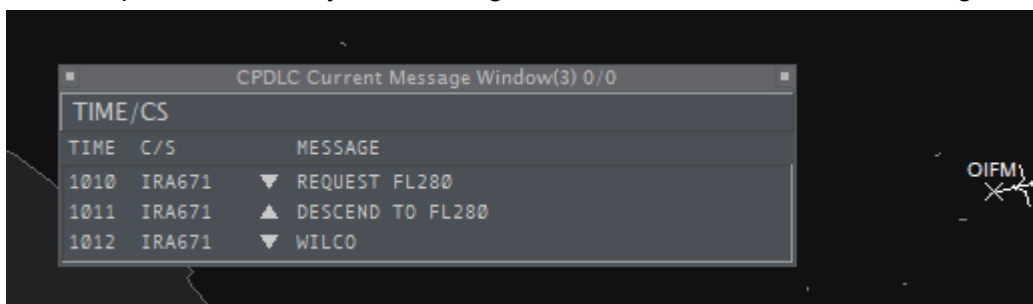
7. You can view the list of available CPDLC free-text messages by right-clicking (or left-clicking, depending on your setup) on the aircraft's callsign and selecting CPDLC Free Text.
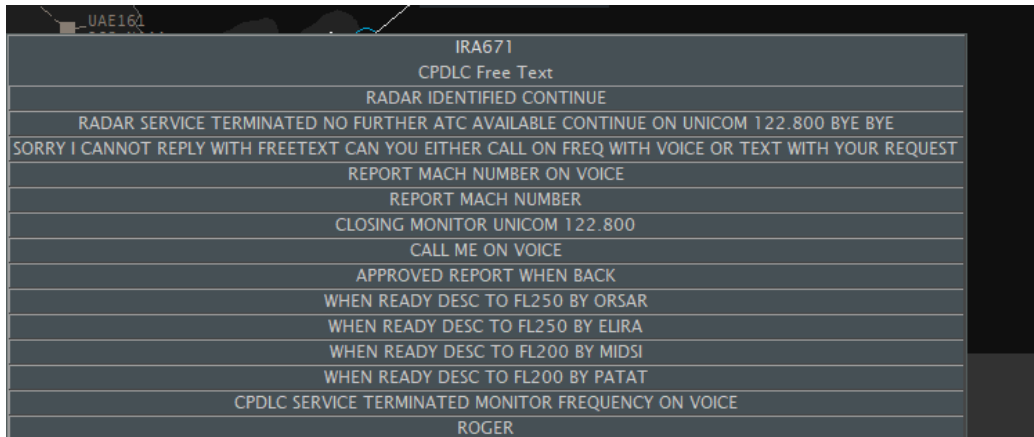


8. To terminate CPDLC (e.g., when traffic descends below FL300 or at any other required time), right-click on the aircraft's callsign and select End CPDLC from the menu.
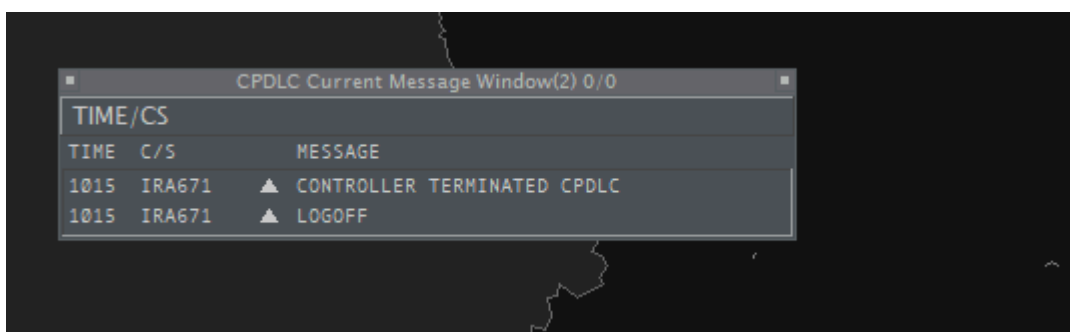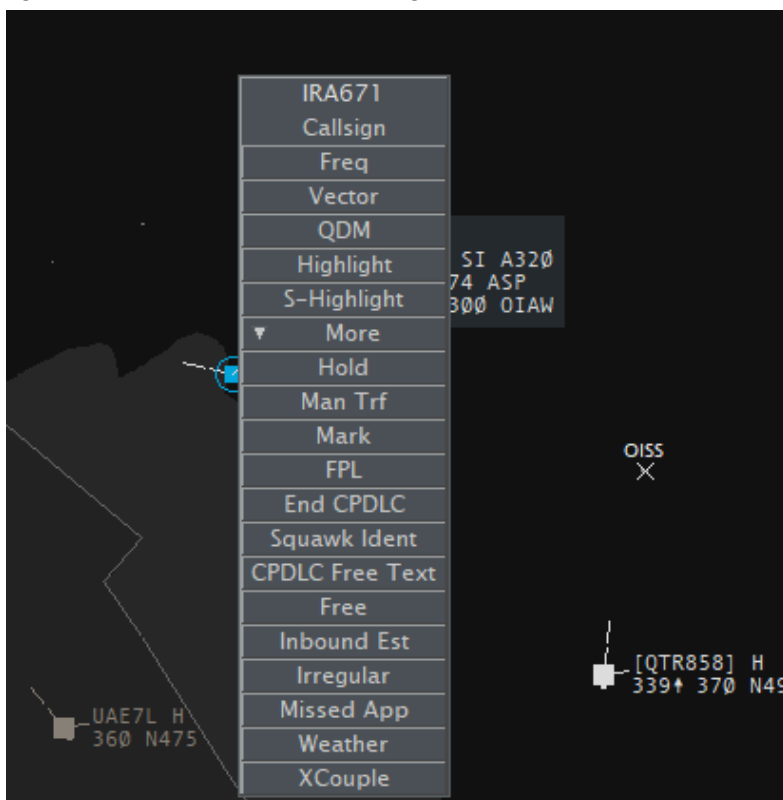
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