Kuwait
TopSky CPDLC Function

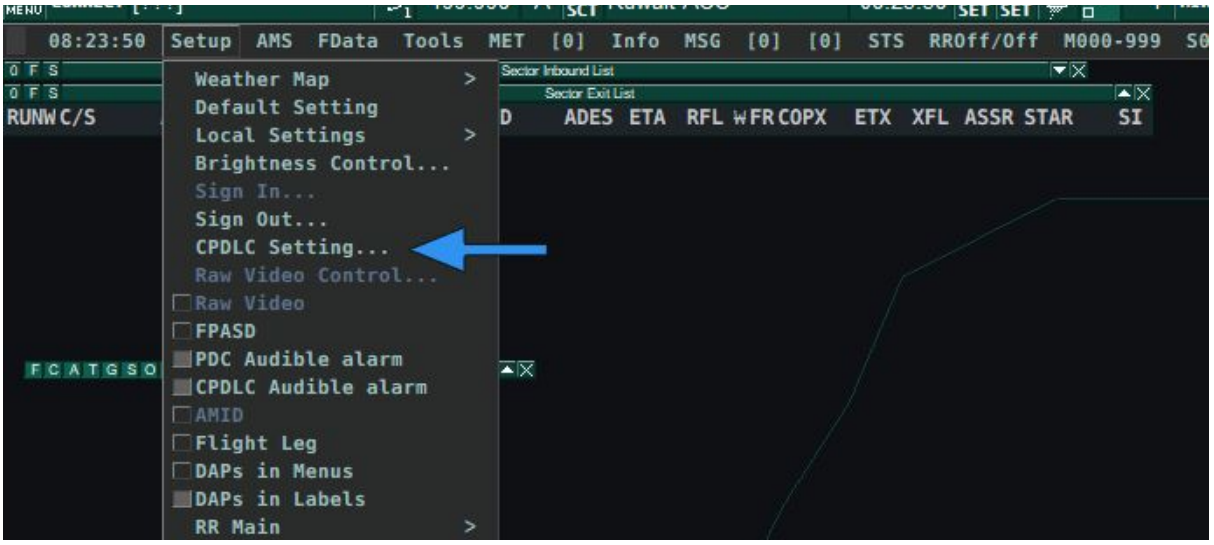
Version 1

Kuwait vACC

1. TopSky CPDLC

1.0 Login

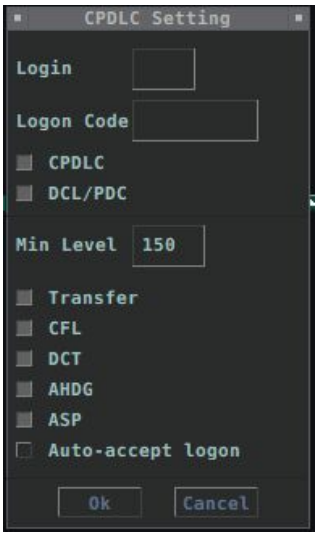
In order to use the CPDLC functionality of TopSky you must first log into the HOPPIE CPDLC system.
To do this, you simply navigate to the menu bar at the top of the screen and click Setup >> CPDLC
Setting as shown in the diagram below:



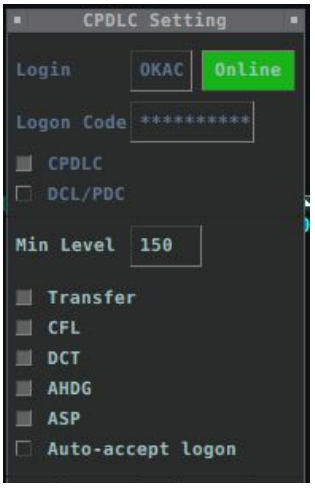
After you select the CPDLC Setting tab a new window will now open. It contains 2 fields which are relevant for you as a controller.

1) Firstly, you will see the login field. Here, you will enter the 4 letter CPDLC identifier for your station (you can make it up). As a reference: Try to use the first two letters, as well as the station identifier for Kuwait Radar (KR). For the secondary Kuwait Radar position the login identifier is 'KRE'.

2) Next, there is a field called 'Logon Code'. In here, you will input your Hoppie authorisation code which you can obtain from this link: http://www.hoppie.nl/acars/system/register.html



After you input all of the relevant data, a connect button will appear. Assuming that the connection has been successfully established, the button will turn green as shown:



1.1 Pilot Logon Request

In order to establish a connection between the controller and the pilot, a logon request must be sent from the pilot. You will be notified of this by the blinking square brackets on either side of the callsign.

In order to accept the pilot's request and to start the 'communication' between both the aircraft and the pilot you must open the callsign menu (by left-clicking on the callsign) and searching for the menu-point 'Start CPDLC'.

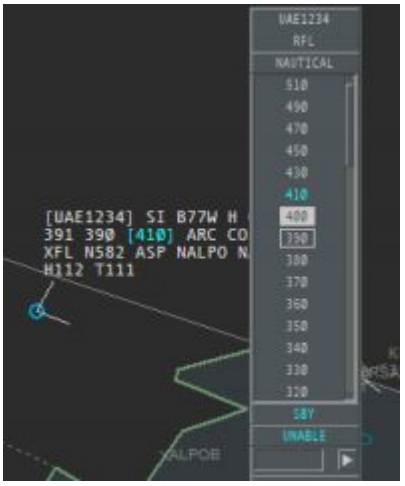
When this has been selected, the square brackets will stop blinking and will become permanent, indicating a positive CPDLC connection between the controller and the pilot. In the same matter, the button will be replaced by 'End CPDLC' which will end the CPDLC connection between the controller and the pilot.

1.2 Pilot Requests

Pilots may request a direct or a higher/lower flight level. As well as being displayed in the CPDLC current/history message dialogue box, it is also displayed in the tag (if the item TOPSKY Plugin/Pilot Requested Flight Level, etc. is included). In the example, the pilot requested FL410 via their CPDLC client. The controller is alerted of this request by the following format [Requested FL]. It will be in a light blue colour as shown:

As you can see, the pilot is currently at FL391 and requests to climb to FL410 (all via CPDLC, no voice/text communication involved).

Responding to this request as a controller is extremely easy. Simply open the CFL (Cleared Flight Level) list from the tag. You have several options and answers which you can relay to the pilot. The requested FL is highlighted in the list as shown below.



Moreover, you can send a 'standby' or a 'unable' message to the pilot. This will inform the pilot of the following:

1.2.1 Standby

This will tell the pilot that there is a possibility of his request to be acknowledged however it is currently not possible to comply with it.

1.2.2 Unable

Using the unable statement tells the pilot that it is not possible to acknowledge the request made by the pilot. This would be the case if you have two aircraft over the same fixed 1000ft separated and the lower requests a climb. Due to the separation requirements you as a controller have, an unable statement would be issued to the pilot.

1.2.3 Wilco

Wilco If you have issued the climb/descend instruction to the pilot, the FL will now turn from light-blue to a dark brown colour. This indicates a message which has been sent by you as a controller but not acknowledged by the pilot. Once the pilot has accepted the clearance issued by the controller, the Requested flight level will now turn from Brown -> White. This shows that the pilot has acknowledged the instruction and is complying. This is known as a wilco statement. Wilco = 'will comply'. The tag will now look like the following:

1.3 Colour Change

The most important colour changes in regard to CPDLC are shown below.