

Operational Focus Area: CPDLC

Uplink/Downlink Message Set

Transfer of Communications (TOC)

- UM117 - CONTACT (Facility) (Freq)
- MU120 - Monitor (Facility) (Freq) ***Disabled**
 - *Optional UM154 - Radar Services Terminated
- DM20 - Request Voice Contact

Altitude Clearances

- UM19 - Maintain (Altitude)
- UM20 - Climb to and Maintain (Altitude)
- UM23 - Descend to and Maintain (Altitude)
 - *Optional UM117 - at Pilot's Discretion
 - UM153 - Altimeter (Altimeter)
- DM6 - Request (Altitude)
- DM9 - Request Climb to (Altitude)
- DM10 - Request Decent to (Altitude)
- DM38 - Assigned Altitude (Altitude) ***Disable**

Only if Voice COMM Available

- UM36/UM37 - Expedite Climb to/Descend to
- UM38/UM39 - Immediately Climb/Descend to

Crossing Restrictions

- UM49 - Cross (Position) at and Maintain (Altitude)
- UM61 - Cross (Position) at and Maintain (Altitude) at (Speed)
 - *Optional UM153 - Altimeter (Altimeter)

Route Clearances

- UM74 - Proceed Direct (Fix)
- UM79 - Cleared to (Fix) via (Route)
- UM80 - Cleared (Route)
- UM83 - at (Position) Cleared (Route)

- *Optional due to Reasons (Traffic, Weather, Airspace Restriction)
- DM22 - Request Direct to (Position)

Speeds

- UM55 - Cross (Position) at (Speed)
- UM56 - Cross (Position) at or Less than (Speed)
- UM57 - Cross (Position) at or Greater than (Speed)
- UM106 - Maintain (Speed)
- UM108 - Maintain (Speed) or Greater
- UM109 - Maintain (Speed) of Less
- UM116 - Resume Normal Speed
- UM134 - Confirm Speed
- DM34 - Present Speed (Speed)

Block Altitudes

- UM30 - Maintain Block (Altitude) to (Altitude)
- UM31 - Climb to and Maintain Block (Altitude) to (Altitude)
- UM32 - Descend and Maintain Block (Altitude) to (Altitude)
 - *Optional UM153 - Altimeter (Altimeter)
- DM7 - Request Block (Altitude) to (Altitude)

Additional Downlinks Available to Pilots

- DM0 - WILCO
- DM1 - Unable
- DM2 - Standby
- DM3 - Roger
- DM65 - Due to Weather
- DM66 - Due to Aircraft Performance

Emergency-type Messages (Voice Should Remain Primary)

- DM55 - PAN PAN PAN
- DM56 - MAYDAY MAYDAY MAYDAY
- DM57 - (Remaining Fuel) of Fuel Remaining and (Remaining Souls) Souls on Board
- DM58 - Cancel Emergency
- DM59 - Diverting to (Position) via (Route Clearance)
- DM60 - Offsetting (Distance Offset) (Direction) of Route
- DM61 - Descending to (Altitude)
- DM68 - (Free Text)