

TBL 5-3-6

## Crossing Constraint Message Elements (CSTU)

| CPDLC Message Sets  |  |          | Operational Definition in PANS-ATM (Doc 4444) |   |   |
|---|--|----------|---|---|---|
| FANS 1/A  | ATN B1   | Response | Message Element Identifier                    | Message Element Intended Use  | Format for Message Element Display                                      |
| UM49 CROSS<br>( <i>position</i> ) AT AND<br>MAINTAIN ( <i>altitude</i> )<br><i>Note 1. – A vertical<br/>range cannot be<br/>provided.<br/>Note 2. – This<br/>message element is<br/>equivalent to CSTU-1<br/>plus LVLU-5 in<br/>Doc 4444.</i>                         | N/A  | W/U      | CSTU-1  | Instruction that the specified position is to be crossed at the specified level or within the specified vertical range.                       | CROSS ( <i>position</i> )<br>AT ( <i>level</i> )                        |
| UM61 CROSS<br>( <i>position</i> ) AT AND<br>MAINTAIN ( <i>altitude</i> )<br>AT ( <i>speed</i> )<br><i>Note 1. – A vertical<br/>range cannot be<br/>provided.<br/>Note 2. – This<br/>message element is<br/>equivalent to<br/>CSTU-14 plus<br/>LVLU-5 in Doc 4444.</i> | UM61 CROSS<br>( <i>position</i> ) AT AND<br>MAINTAIN ( <i>level</i> )<br>AT ( <i>speed</i> ) | W/U      | CSTU-14                                       | Instruction that the specified position is to be crossed at the level or within the vertical range, as specified, and at the specified speed. | CROSS ( <i>position</i> )<br>AT ( <i>level</i> ) AT<br>( <i>speed</i> ) |

TBL 5-3-7

## Air Traffic Advisory Uplink Message Elements

| CPDLC Message Sets                    |        |          | Operational Definition in PANS-ATM (Doc 4444) |  |                                       |
|---------------------------------------|--------|----------|---|--|---------------------------------------|
| FANS 1/A                              | ATN B1 | Response | Message Element Identifier                    | Message Element Intended Use   | Format for Message Element Display    |
| UM154 RADAR<br>SERVICES<br>TERMINATED | N/A    | R        | ADVU-2  | <i>Advisory that the<br/>ATS surveillance<br/>service is<br/>terminated.</i> | SURVEILLANCE<br>SERVICE<br>TERMINATED |