ITU Unique Satellite Identifier (ITU_SAT_ID)

The Radiocommunication Bureau, as requested by instruct 3 of Resolution **8 (WRC-23)**, has developed a naming convention to identify specific space stations within a satellite system.

This naming convention applied to all notifications of NGSO satellite networks and is stored in the SNS V10 field itu_sat_id of the *phase* table.

The itu_sat_id follows the format *ntc_id_orb_id_orb_sat_id*, where

- *ntc_id* is the notice ID
- *orb_id* is the orbital plane ID
- *orb_sat_id* is the satellite sequence number in the orbital plane

For example, a space station indicated in the *phase* table with the notice ID "125500002", orbital plane ID "1", and satellite sequence number "1" would have the following itu_sat_id: **125500002_1_1**

Space stations in both Resolution 8 and Resolution 35 submissions should be linked to the corresponding itu_sat_id value in the Notification notice.

In case the Notification notice has not yet been published by the Bureau, the Administration may use a temporary itu_sat_id using the values in the submission notice to follow the format *ntc_id_orb_id_orb_sat_id*.

Please note that RES35 notices submitted before year 2025 have been converted in SNS V10 and all space stations are now linked to a unique space station in the notification filing via the itu_sat_id. Since the Bureau did not initially have the precise information, it linked space stations by their order within the orbital planes. The Bureau will correct this data once Resolution 8 information is received.