

# SID CONFLICT RESOLUTION PLAN

---

Megan Hayes  
IFAST Secretariat  
ATIS Manager for Technology Development  
IFAST #22  
Los Angeles, CA  
[mhayes@atis.org](mailto:mhayes@atis.org)  
[www.atis.org](http://www.atis.org)

# Background of SID Conflicts

---

- SID Conflicts arose because many carriers (and their vendors) were unaware of TSB29 at the time their systems were installed.
- SID Conflicts can cause a number of problems:
  - MS's may choose the wrong serving station when roaming, based on their internal tables of preferred, neutral and barred systems.
  - Billing or call detail records may be misrouted. At best, special filtering and mapping of SID codes may be required.
  - International roaming agreements may not be possible between two carriers with SID conflicts.
  - The use of an incorrect SID produces uncertainty for the carrier.

# SID CONFLICT RESOLUTION PLAN

---

## **IFAST agreed to the following plan at IFAST 21 in March 2003:**

- Inform conflicting carriers of conflicts and ask for confirmation.
  - Verify that SID is in use
  - Detail impact of conflict on international roaming
  - Enhance the database to verify carrier use of SID for “real” or “theoretical” conflict
  - Inform carrier of proper SID range for their country
  - Copy the appropriate telecommunications authority for each carrier contacted regarding SID conflicts
- Develop a one-page fact sheet regarding potential steps for mitigating SID conflicts.
- Document and Maintain resolution of SID conflict on the IFAST web site.
- Include three statuses in the database.
  - True conflict
  - Potential future conflict
  - Carrier agreement to mitigate conflict
- IFAST should contact the Russian Federation and Brazilian Telecommunication Authorities to document unknown potential conflicts.

# Actions Taken Since IFAST21

---

- IFAST Secretariat has sent letters to conflicting carriers asking them to verify that the SID is in use. The letter included information regarding:
  - The impact of conflict on international roaming
  - The proper SID range for the carrier's country
- Copies of the letters are being sent to the appropriate telecommunications authority for each carrier contacted.
- IFAST Secretariat created and sent letters to the Russian Federation and Brazilian Telecommunication Authorities with the help of IFAST Management.
- In countries where there is a suspected conflict, IFAST Secretariat has contacted the appropriate telecommunications regulatory authority.

# Current Status

---

- There are 34 known SID conflicts.
- Of the 34 known conflicts, 27 have service providers associated with them.
- IFAST has contacted service providers representing 23 of these SID Codes.
- IFAST has received response from 3 service providers interested in helping resolve their SID conflicts.
- IFAST has contacted the telecommunication regulatory authorities for 5 of the 7 suspected SID conflicts that do not have service providers associated with them.
- IFAST has contacted Russian and Brazilian telecommunications authorities to document unknown potential conflicts.

# Summary

---

- The IFAST Secretariat is following the SID Conflict Resolution Plan agreed to at IFAST 21.
- The Secretariat will continue to contact wireless service providers suspected to be using conflicting SID codes, and their respective regulatory authorities.
- The IFAST Secretariat will coordinate with the SID Administrator to ensure that the status of these conflicting SIDS is accurately recorded in the database.
- IFAST will follow-up with the Russian Federation and Brazilian Telecommunication Authorities.