Meeting Logistics

Tuesday, June 2, 2015   Local Dial-in is available upon request

4:30 PM (Eastern Time; USA)

2015 Annual Meeting of IFAST LTD - Summary

Summary

1) Class 'A' Member Roll Call / General Member Check-in**:**

- ***Aeris; Syed Hosain***
- ***Numerex Corp; Randy Massingill***
- ***IFAST Board members; Syed Hosain, Bernardo Martinez, David Crowe, Ed Hall, Gary Pellegrino***

2) Non-Member Check-in**: *None***

3) Call to Order and Opening Comments**: *Meeting was called to order at 4:35 PM, ET by the Chairman followed by opening remarks.***

4) Reports:

   a) Secretariat: ***Report was given that covered the below topics. No questions or comments were made****.*

   i) Review Membership Requirements/New Applications

   ii) Review Updates to Code Assignment Guidelines

   iii) Invoicing

      (1) Remains on an Annual Basis

      (2) Payment Updates (Wire vs. ACH payment vs. Check)

      (3) Contact Updates – Critical Process

      (4) Code Reclamation Procedure

      (5) IFAST Delinquent List

      iv) January Primer (newsletter) Sent to Full Membership. IFAST Now Sole US SID Code Administrator

  b) <u>Industry Relations</u>

      i) Industry Liaisons: ***A June 2nd joint TIA/IFAST Press Release pertaining to OneM2M App-ID was highlighted. The Press Release notes that the two organizations, together, investigate the development of a oneM2M Application ID registry based on oneM2M's recently released specification TS.0001. To view a copy of the entire Press Release see the IFAST website at*** www.ifast.org .

      ii) TSB 29 Updating: ***Rev F. is undergoing V&V and will be the next version published.***

  c) <u>IRM / SID Administrator</u>: ***Report given covering the below topics. No questions or comments were made. A copy of the report is attached below:***

      i) SID and BID Codes Assignment Responsibilities Clarified

      ii) US SID Code Administration

      iii) IRM and SID Usage and Conflict Resolution

      iv) Database Queries

5) Old Business (none)   Chairman

6) New Business

  a) Member and Non-Member Presentations: NONE

  b) Issues / Comments from the floor: ***A special review of VoLTE was given by David Crowe: Highlights:***

      i) Currently has limited deployment

      ii) Limited to intra-operator only

      iii) Limited model phones available (for example, the only operator in Canada has only one phone model working)

      iv) Cannot support most call types (e.g. to/from PSTN, to/from 3G, 911, priority etc.)

      v) CDMA has a 7-10 year life, at least, and may outlast 4G

      vi) Need for IRMs will continue, and may increase with smart card operators (e.g. China Telecom) due to the difficulty reclaiming numbers burned into cards.

7) Summary of action items and agreements   Secretariat

8) Closing Remarks / Adjournment: ***Closing remarks were made by the Chairman. The meeting adjourned at 5:15 PM, ET***

IRM/SID Code Administration Report

Phone: +1-403-289-6609
E-Mail: David.Crowe@ifast.org

Contact: David Crowe

Date

June 2, 2015

Destination

IFAST AGM

Abstract

A summary of the status of IRM and SID administration.

The priorities for IRM/SID administration currently are:

- Resolution of existing IRM and SID conflicts.
- Bringing all US SID codes under IFAST management.

Recommendation

For the information of the IFAST Board.

Database

- Changes to the 'IFAST-Central' database since the last report:

  - Automatic gathering of monthly stats.

  - Statistics graphs.

  - Improvements to SID import routines.

  - Company record merging.

  - Convert history to a true table from a text list.

  - Addition of projects

  - Change linking of IRM/SID records to associated company (from company name to index number)

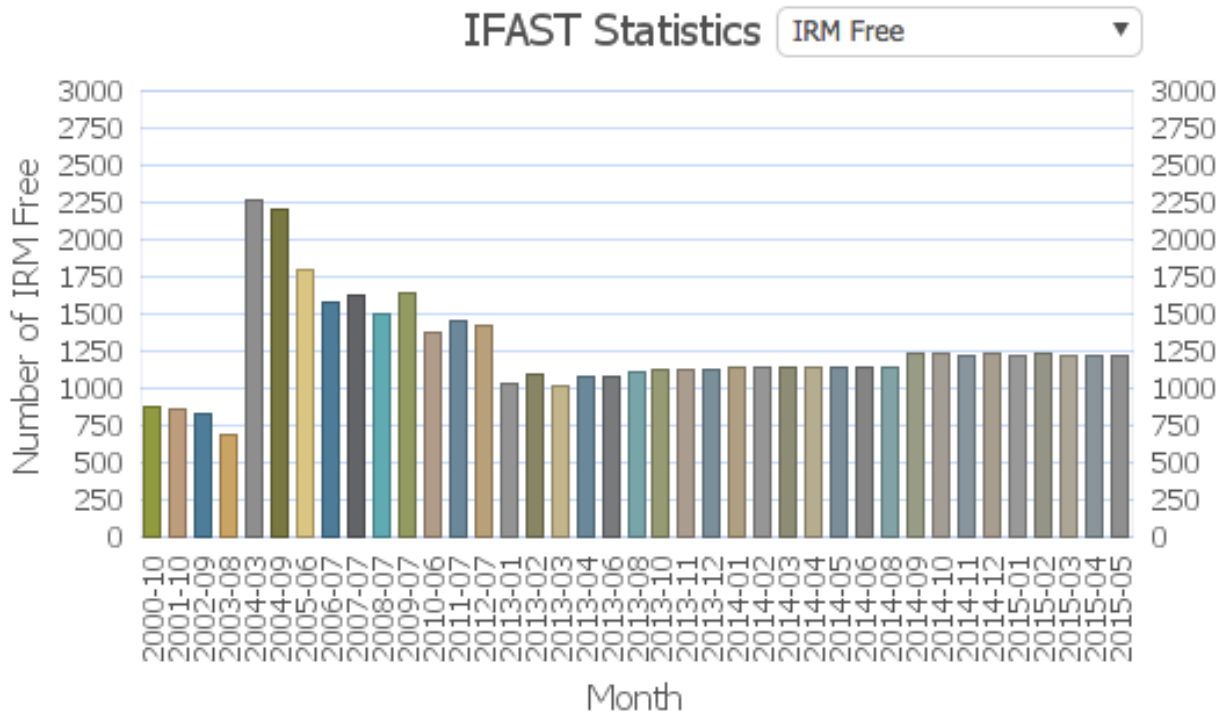- Changes to the website queries:

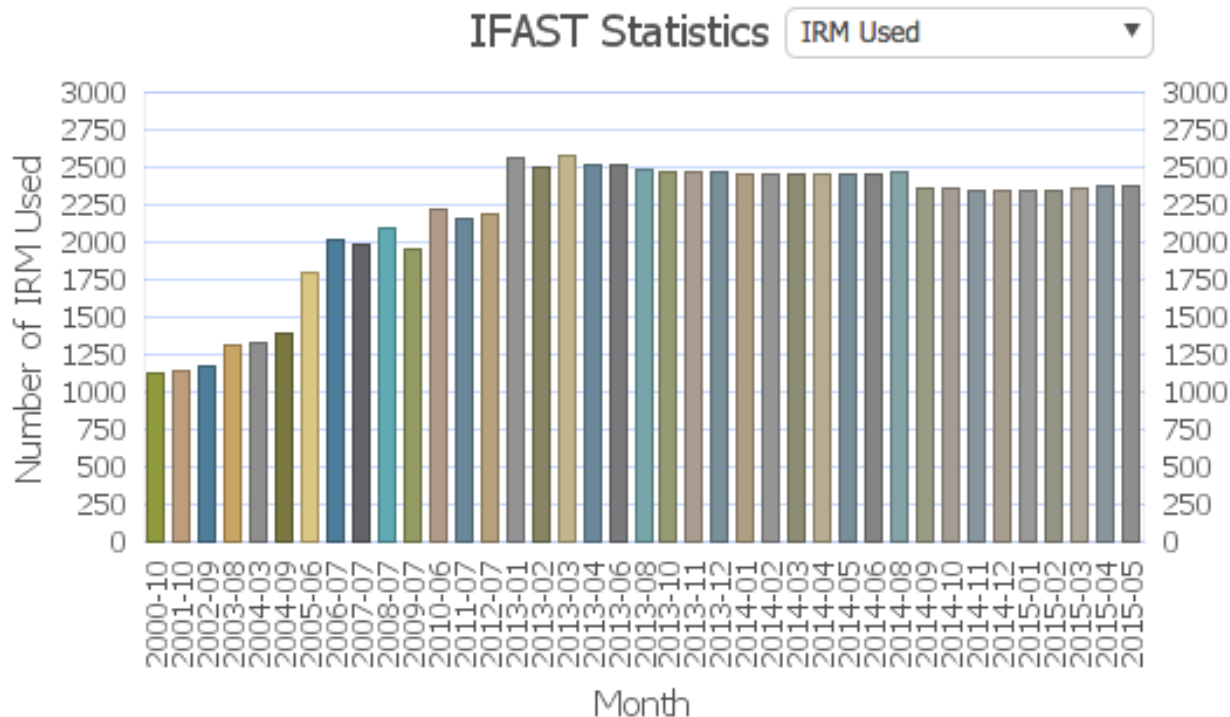 - Minor bug fixes have been implemented.

IRM

IRM Utilization

Current utilization (May, 2015) is 66% (2,371 codes assigned. 1,222 free).

Utilization of IRM codes will continue until cdma2000 networks begins to be shutdown. It is likely that smaller networks will shut earlier, but large networks (Verizon, Sprint, China Telecom, Tata, Reliance, KDDI, LG U+) will continue. VoLTE implementations are still in the early stages, and are not significantly displacing 3G voice yet. Numbering changes will not occur until late in the process when the number of devices without a cdma2000 module significantly increases and the rate of usage of IRM codes declines.

Free IRM codes have been rising slowly since 2013, and the number in use has been declining slightly. Peak usage was 2,583 in March, 2013. The decline in assignments since then has been 6% of total codes available.

IFAST Statistics [IRM Used ▼]

IRM Status

The payment status of IRM codes is extremely good due to the efforts of the IFAST secretariat. The acquisition of technology and/or frequency information is almost complete.

Conflicts

IFAST continues to work on conflicts, most notably that between China Telecom and SK Telecom (based on old KTF codes).

Returned and Reclaimed Codes

Official letters have been received returning IRM network identifiers from the following carriers, or codes have been returned for non-payment, since our last meeting:

- September, 2014 – 95 codes returned by Tata. Tata retained most of their codes.

- October, 2014 – 1 code returned by CNTEP, Ecuador.

Guidelines

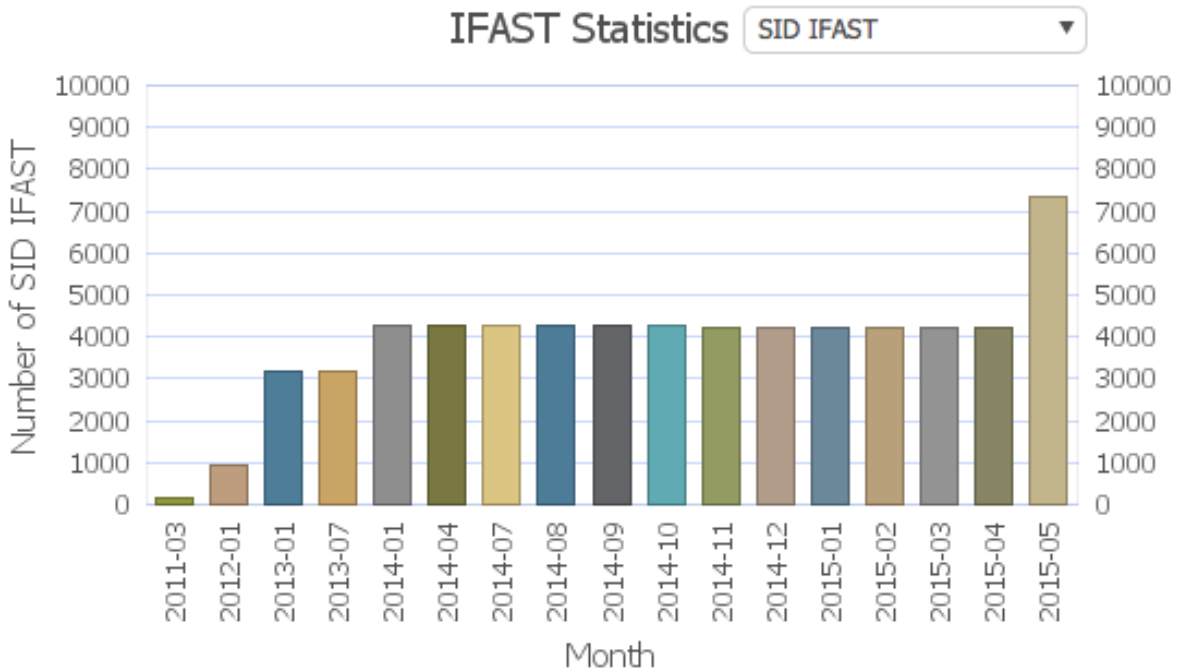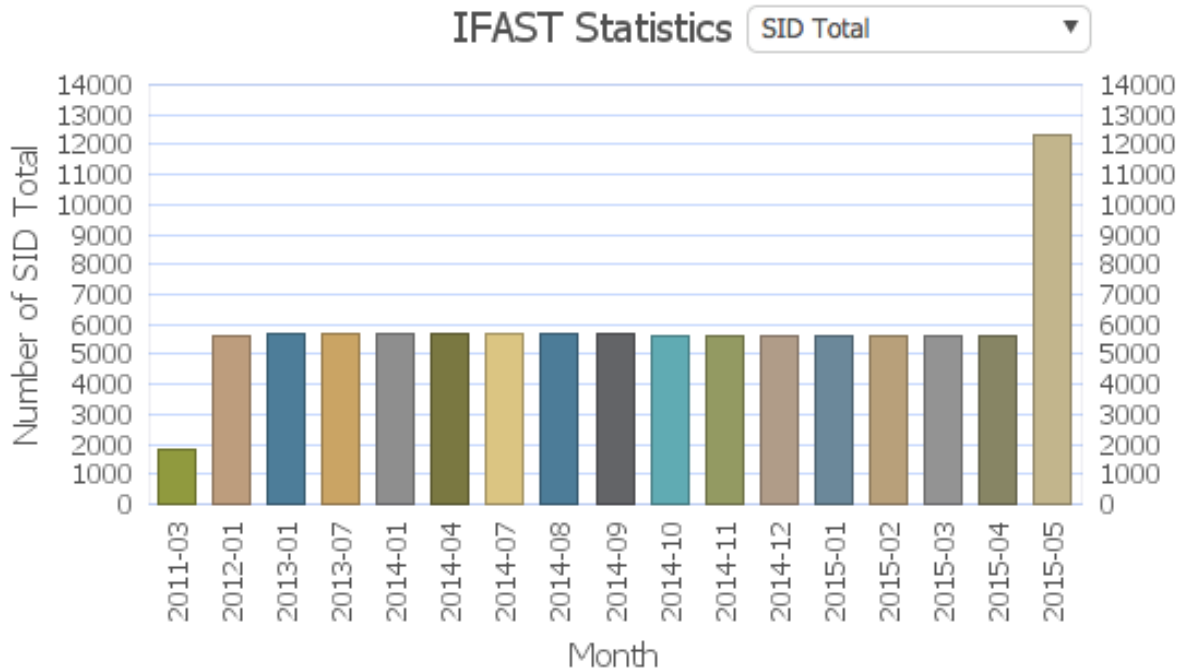No changes to IRM assignment guidelines since June 2013 update (v5.6).

SID Issues

IFAST involvement in SID assignment continues to increase:

- Working with the FCC to issue a Public Notice to start the return of a number of codes that have been indicated as unused.

- Attempting to coordinate SID/BID management with Cibernet.

- Cleaning up the database by merging company records that are similar. This is important because it gives better visibility to the use of SID codes by companies. The database mess is due to importing of information from different sources, and gradually revealing what companies have been absorbed by which others.

- Working with a number of US operators to assist them registering their SID and BID codes with IFAST.

SID Statistics

The total number of SID codes in the IFAST database is around 12,000, due to a recent import of BID codes. Over 7,000 are nominally under IFAST control (mostly USA), although not all US operators have yet registered their codes.
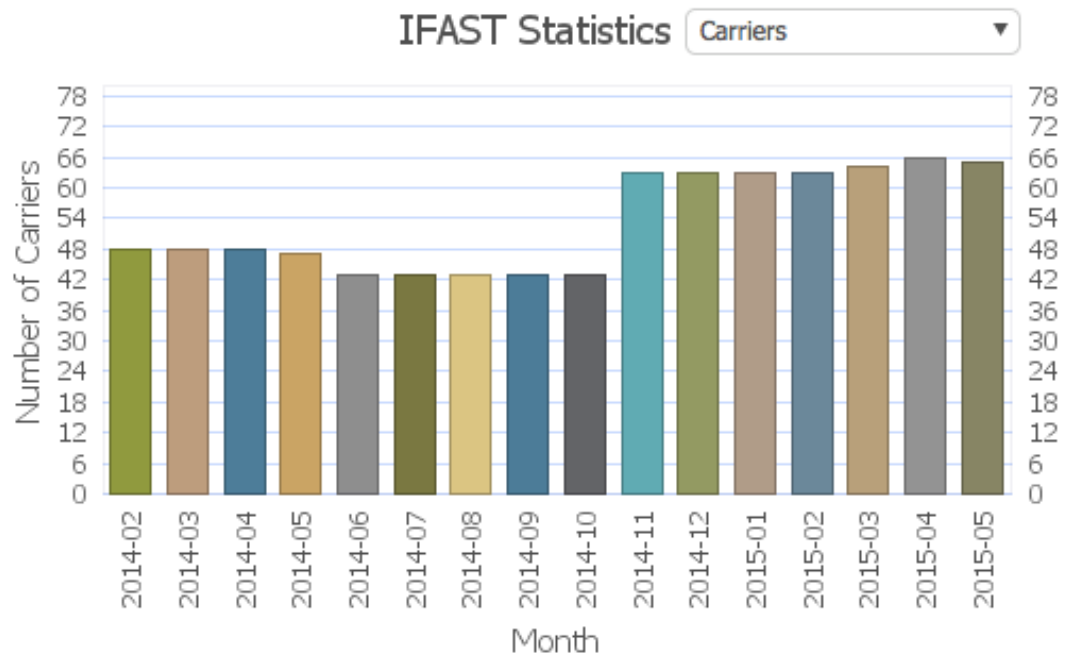
Changes to SID database

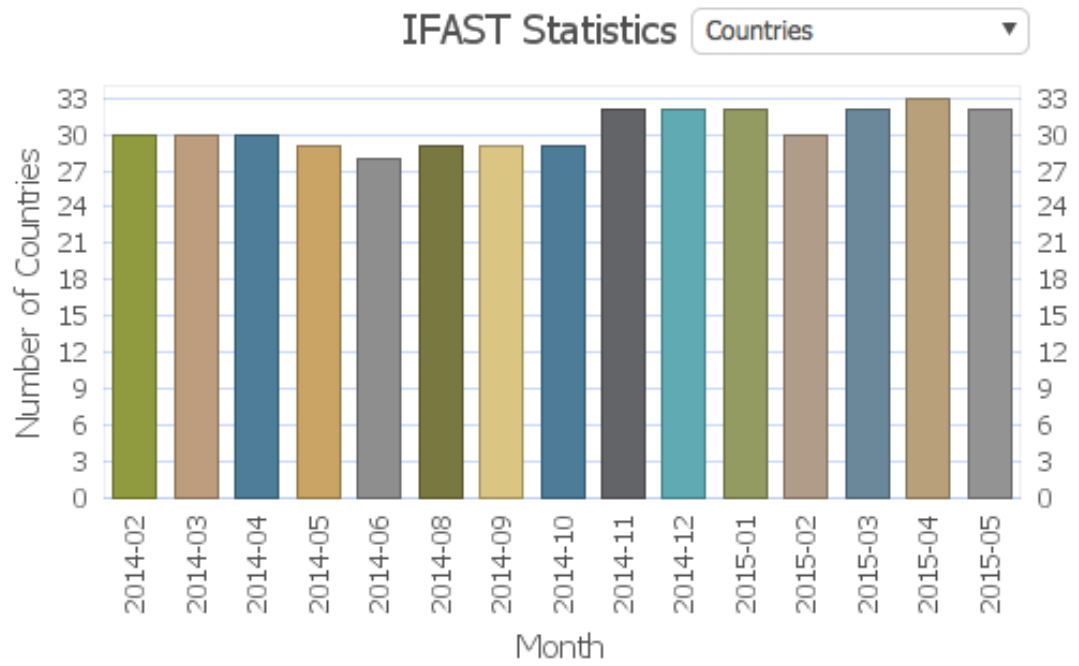Changes to the SID database that we can consider are:

- Include every record (100,000) even if unassigned.

- Change so that each record documents only 1 SID code (currently a handful document a range of codes).

Other Statistics

Carriers

Countries

IFAST Statistics [Countries ▼]

Industry Activities

IFAST industry activities not specifically related to IRM and SID assignments:

- Chairmanship of TIA TR-45.8. Responsible for all core network standards, including TSB-29.

- Vice-chairmanship of 3GPP2 TSG-AC WG1. Responsible for smart card and over-the-air provisioning standards.

- Attendance at April MDG meeting. A great forum for getting out the IFAST message and meeting operators.

- Participation in TR-50 (M2M) including ballot comments on first generation specifications related to App-ID (endorsed by other TIA members).

- Working with TIA on potential future OneM2M App-ID administration.

- Discussion of the possibility of a joint MDG, IFAST, TIA trip to meet major cdma2000 operators in Asia (China, Japan, Indonesia, South Korea, Taiwan, etc).