Orange/Swisscom Status

- All Orange transmitters were enabled by Monday 29\textsuperscript{th} August.
- Swisscom transmitters in France were shutdown at 2pm on Monday 29\textsuperscript{th} August.
- During the rest of that week, Orange
  - disconnected Swisscom equipment
    - with some unexpected disruption as the transmitter at point 5 was disconnected on Aug 31\textsuperscript{st}, not Sep 2\textsuperscript{nd}.
  - adjusted transmitter power settings and antenna configurations to meet their needs.
- “Drive by” measurements of signal strengths in the Pays de Gex are being carried out by Orange this week (Sep 6\textsuperscript{th}-8\textsuperscript{th}). These will provide the reference levels for our “service agreement” with Orange.
Known issues

- Phones connected to the wrong network
  - stuck on Orange, even when there is Swisscom coverage
    - this depends strongly on how the phone behaves. iPhones switch quickly to Swisscom; more recent Samsung devices stay with Orange.
  - connected to Swisscom even if the signal strength is too low, so calls are missed.
    - Again, this partly depends on the behaviour of the phone, but there is a link to our request to have phones connect quickly back to Swisscom to save costs. We are investigating with Swisscom.
    - Also, Swisscom signals reach France from transmitters in Switzerland. This seems to be a problem around the CCC (from Meyrin/Mategnin) and in Thoiry (from Satigny/Dardagny).
  - People usually working in France should probably manually connect to Orange, and not roam.

- Lack of Orange coverage
  - Some people in France have no Orange signal, although they do have coverage from another operator, SFR or Bouygues, say.
    - We still need to understand the overall impact of this. How many people are affected? How many are on a piquet rota?
  - Calls are shown as being from …76111, not the number of the caller
    - Unfortunately, the system is “working as designed”, but we are discussing with Swisscom whether there is a way to have the calling number shown.
**Caller Line ID**

Impact of ISDN number verification

extension cannot be verified/trusted
organisation number can be

**LCR: least cost routing**

CERN routes outgoing calls from fixed-line phones to the company charging the least for that destination.
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