Some long baselines experiment with LOFAR+NenuFAR
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- LOFAR/VLBI = High resolution
- LOFAR + NenuFAR:
  - More sensitive baselines
  - Deeper HR Images
  - Easier to calibrate ( !...)
Ou nous en étions...

Arno Schoenmakers & Sarrvesh Seethapuram Sridhar
- 3C295 : failed
- CygA : Source too extended → no fringes

Demande de réobserver 3C295 :
- 3C295 Not compact enough to high enough SNR over short time on BL > 500km

Y-axis : \( \text{max(FFT/ligne de base)}/\text{max(même sigma)} \)
Leah Morabito + Neal Jackson suggested 3C147:
- 2x15min scan
- LOFAR+FR606
- LOFAR+NenuFAR

In red: France – RestOfTheWorld baselines
Houston we have a problem....

« [...] approximately one million two hundred seventy six (1.000.276) different things can go wrong.
- did all data arrive at COBALT (no data gaps)?
- NenuFAR position files in COBALT?
- timestamps in the data (value and format - easy to check)?
- different scaling (NenuFAR being more sensitive than FR606)?
- ... »

Jean-Mathias Griessmeier

Jean-Mathias Griessmeier, Philippe Zarka, Julien Girard, Cedric Viou(?), Andree Coffre, Laurent Denis, Sarrvesh Sridhar, schoenmakers(?)

++ interested people...
- Julien Girard + Jean-Mathias Griessmeier
  - Replacing FR606 ← NenuFAR : ? XST, BST, SST
    - Obs. Transits+Pulsars
    - Modified configuration files
    - Found a few bugs (cable length no properly taken into account – perhaps a small effect))
      - Cables between the two containers not taken into account
        → Astron knows about bugs
        → Analyse of other data undergoing (JMG+JG)