

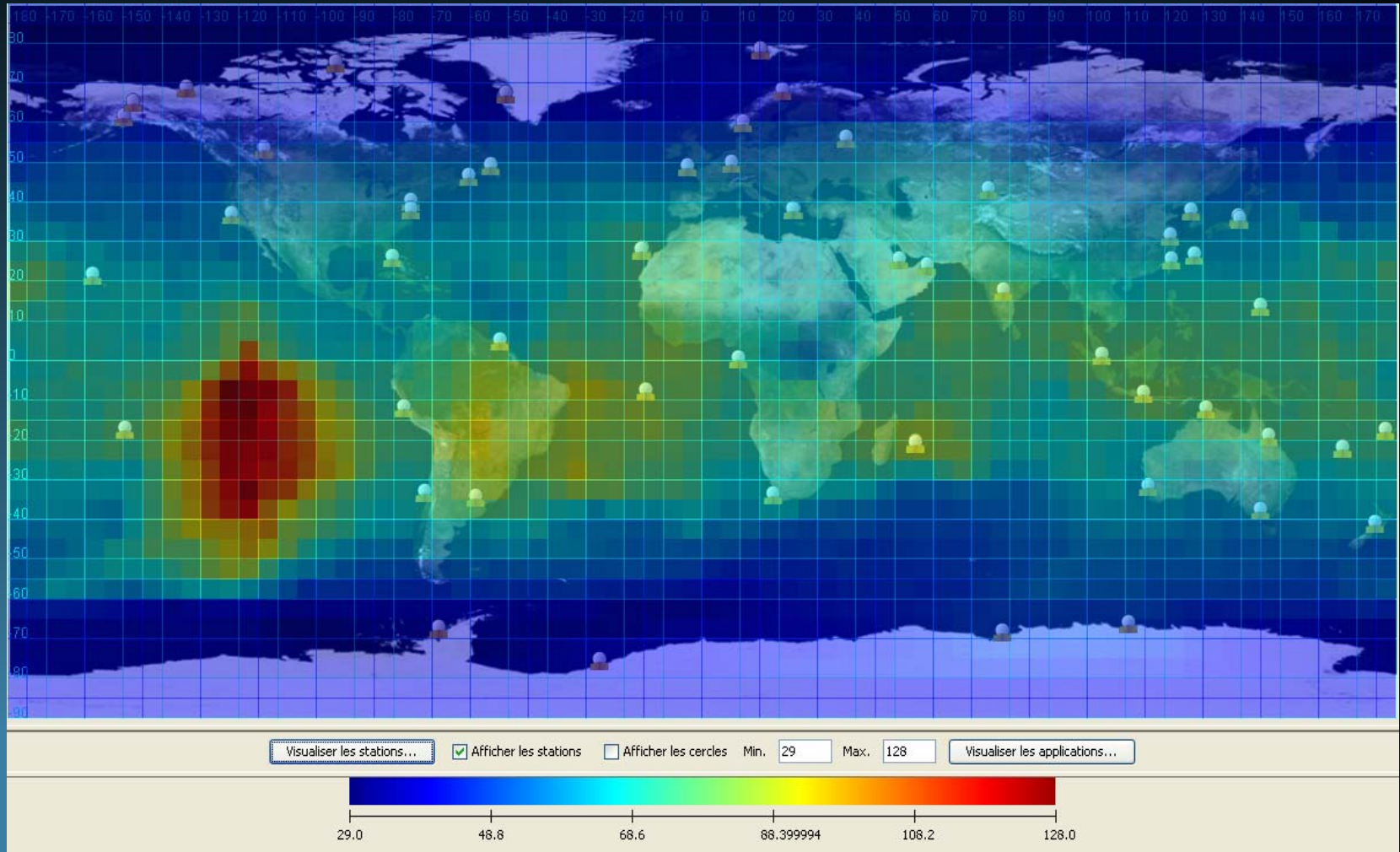


DBCP Iridium Pilot Project

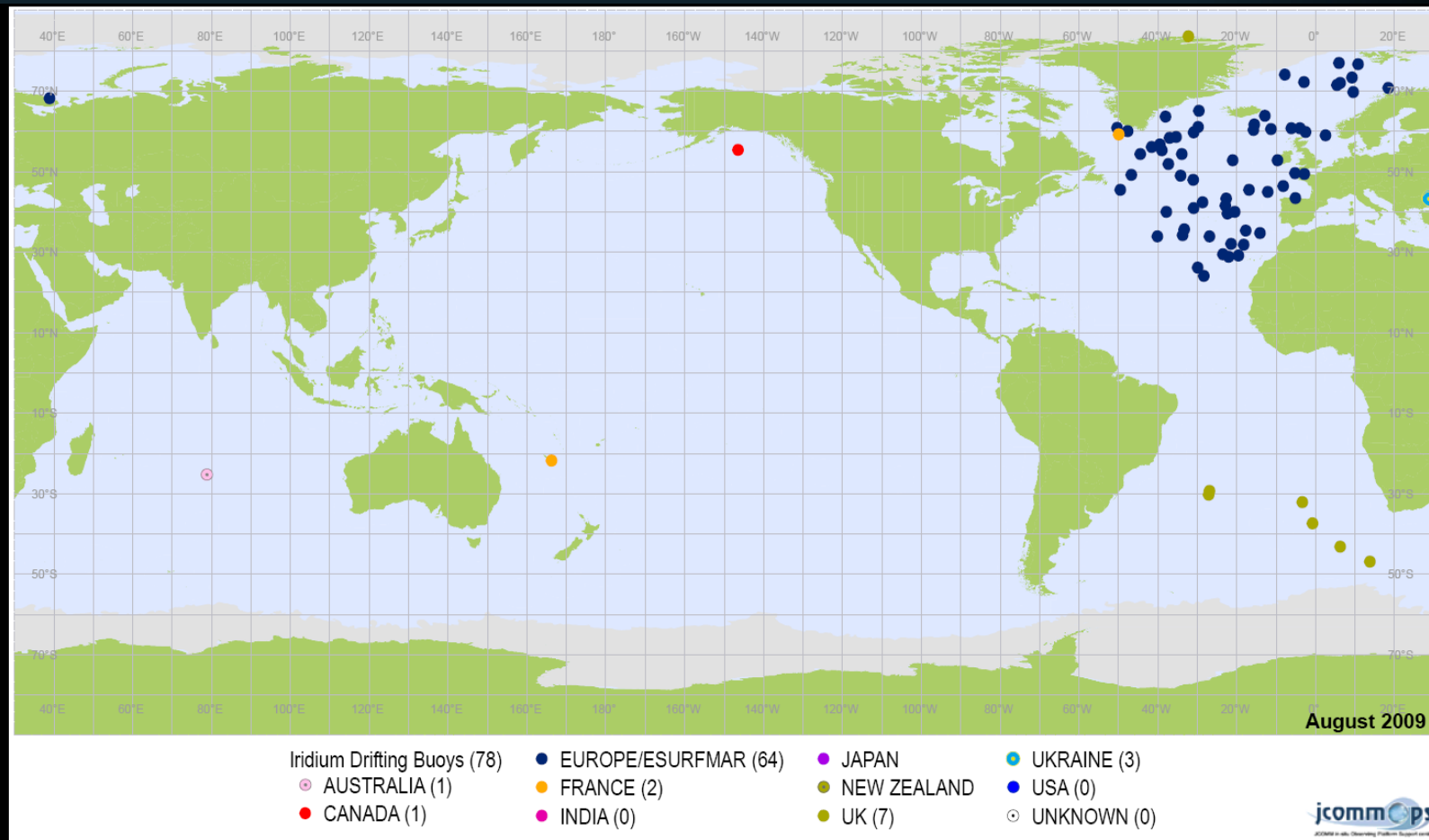
An update for DBCP-XXVII



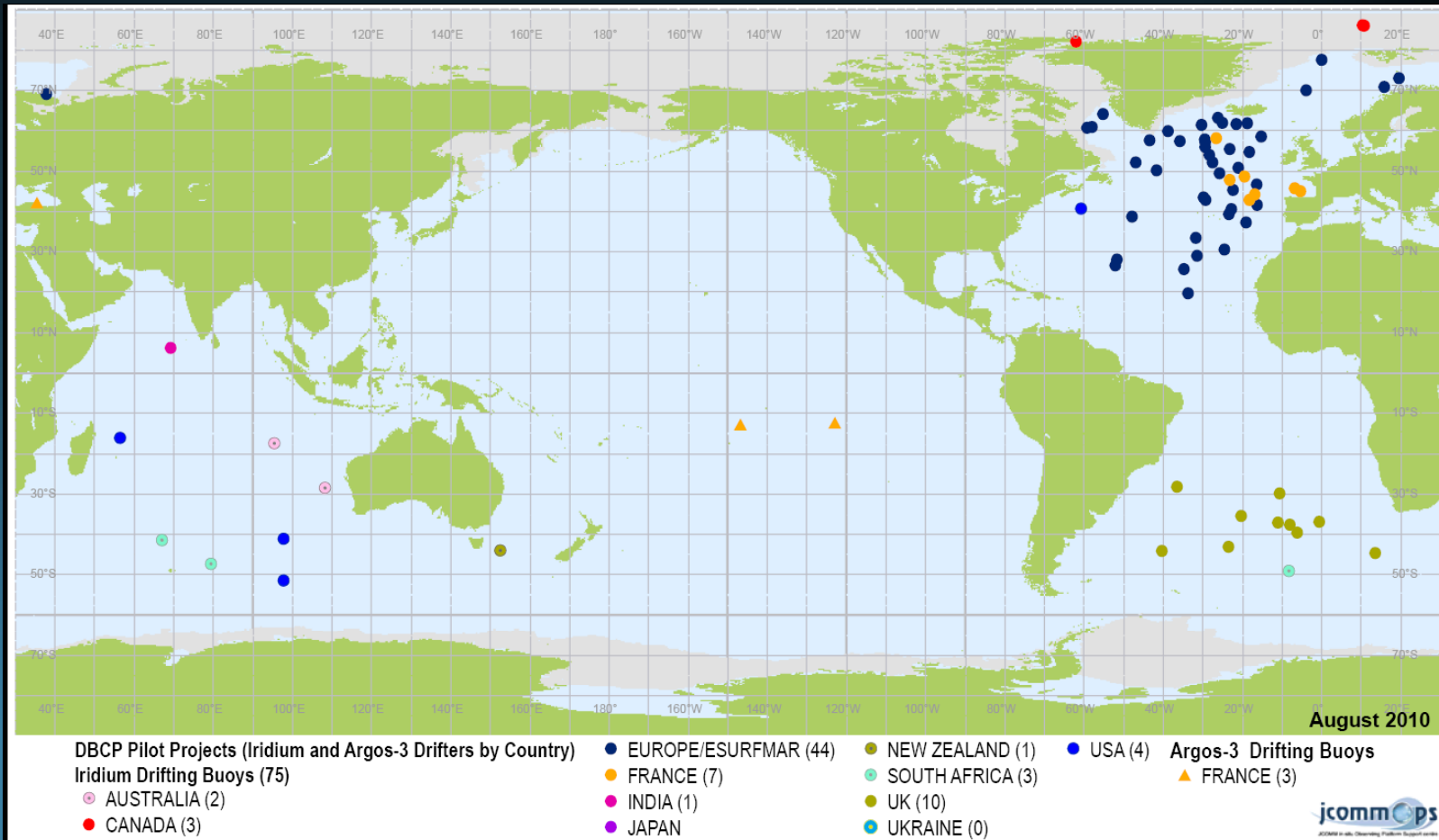
- DBCP no longer funding any Pilot Project deployments
- Residual (\$15k) funds paying for Iridium upgrades to ESURFMAR SVPBs for deployment in areas that traditionally suffer from large Argos GTS delays
 - Delays > 120 mins
 - Blind orbits and no LUT coverage (S Atlantic and S Pacific)

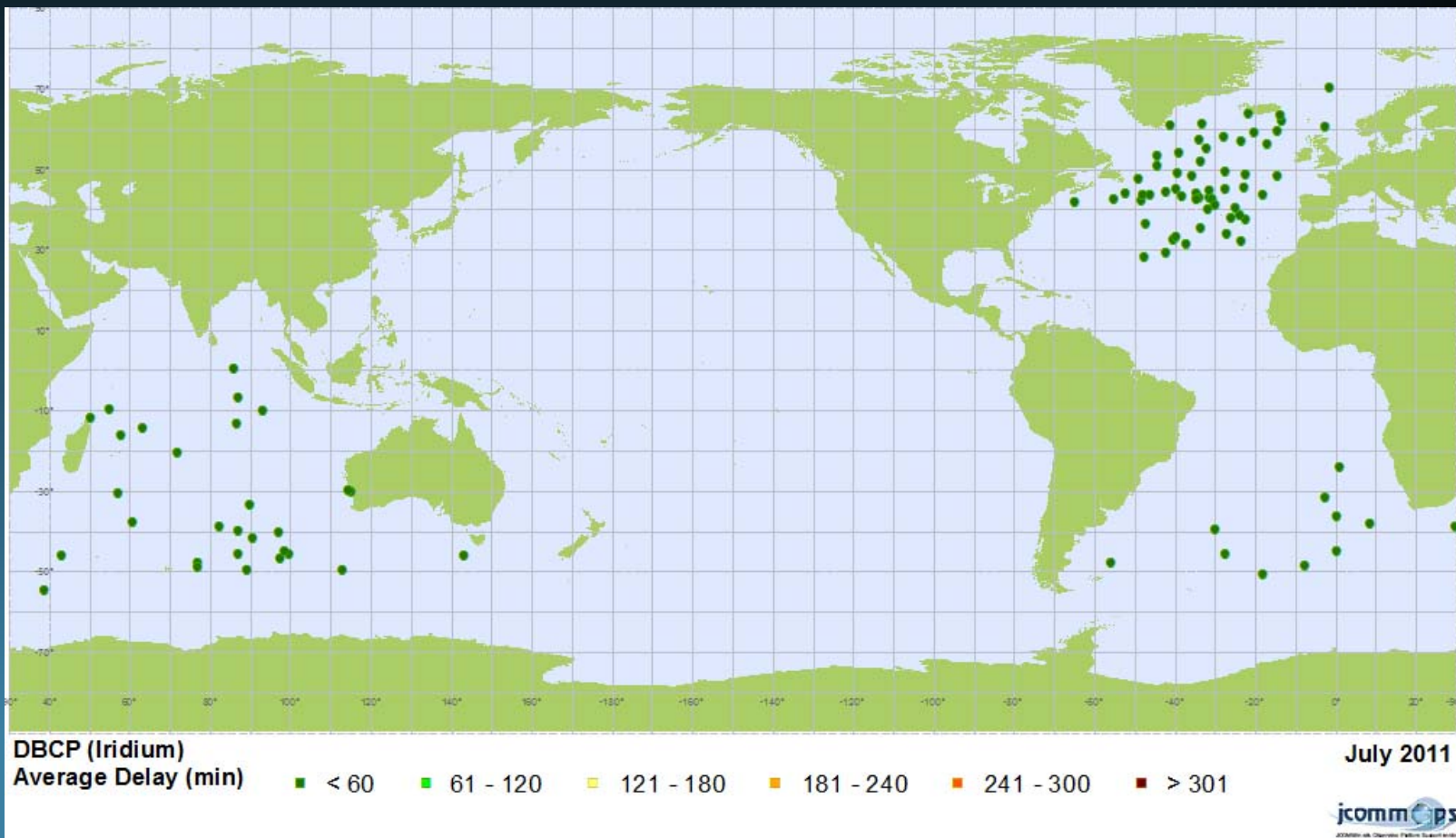


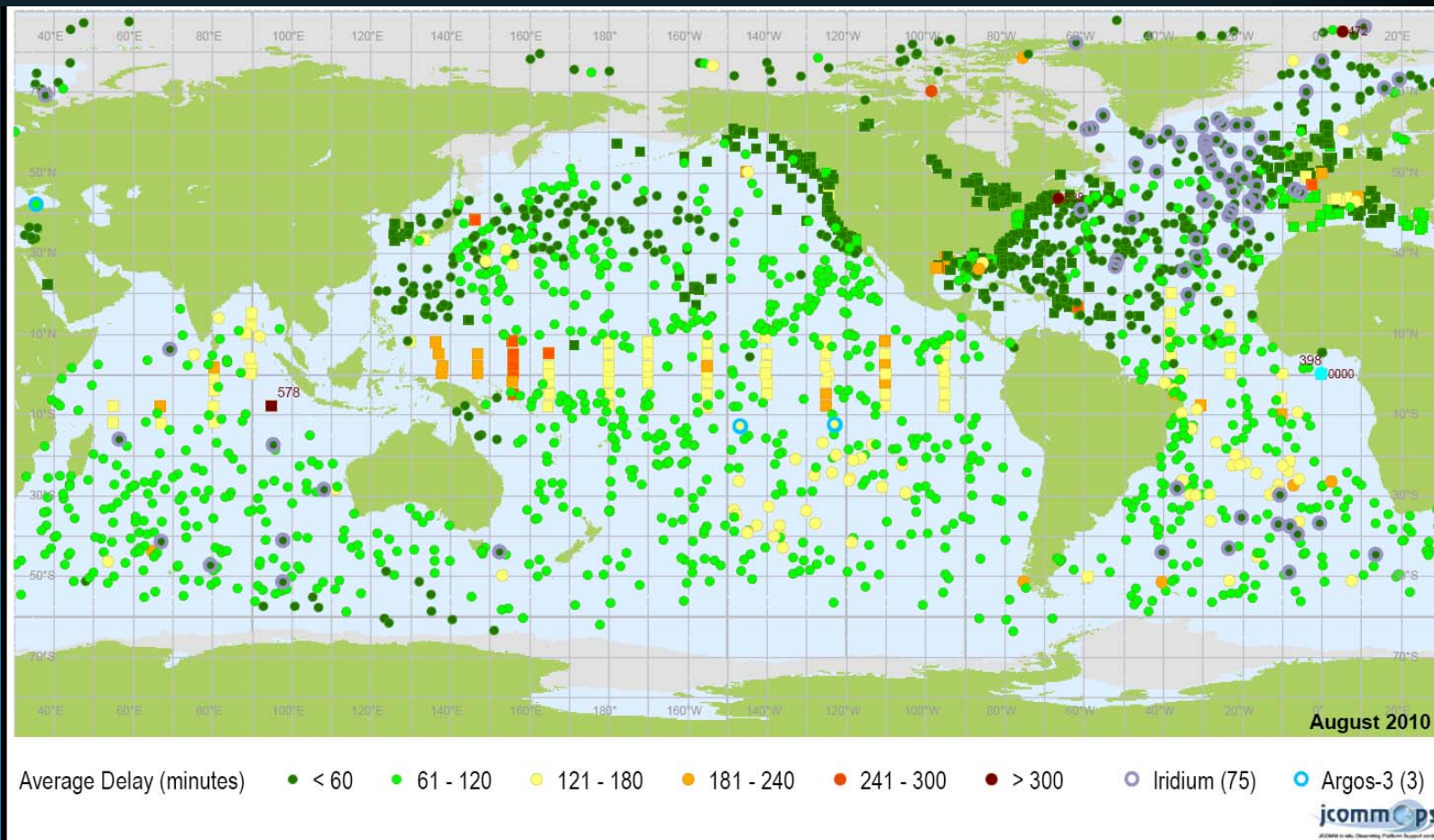
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- ESURFMAR now exclusively using Iridium for SVPBs
- Pilot Project now in analysis phase
- Some funds will be needed to pay for airtime for surviving SVPBs



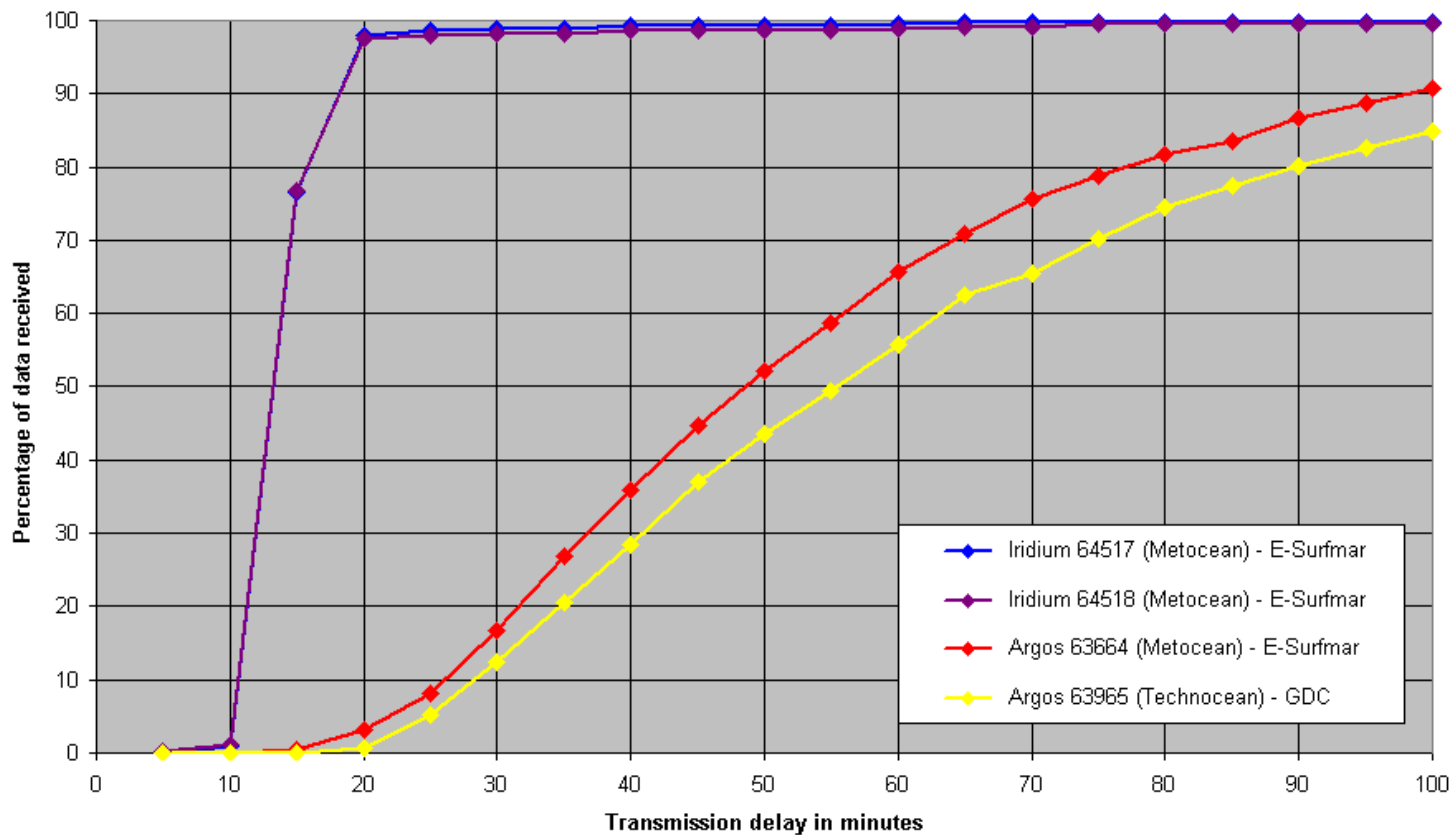
Iridium (and Argos-3) buoys: Aug 2010



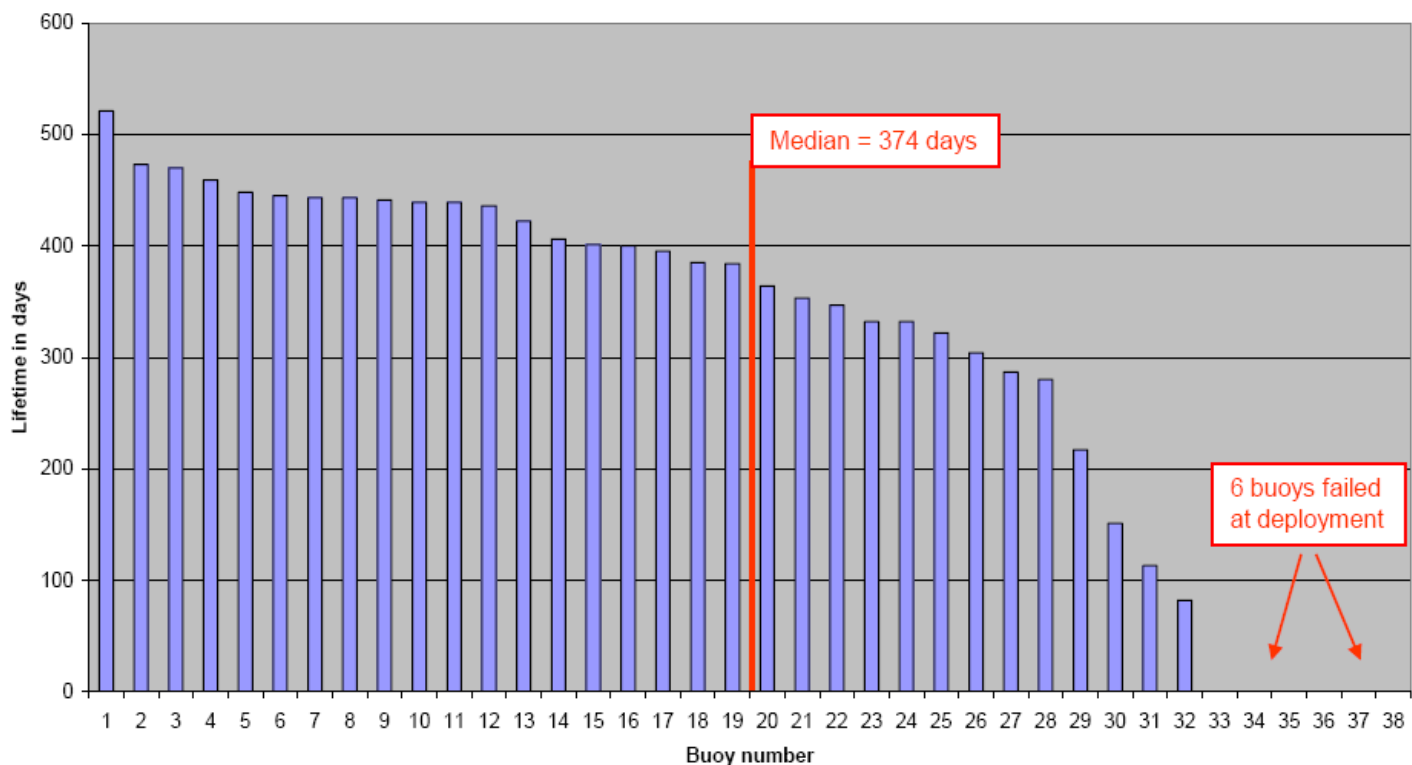




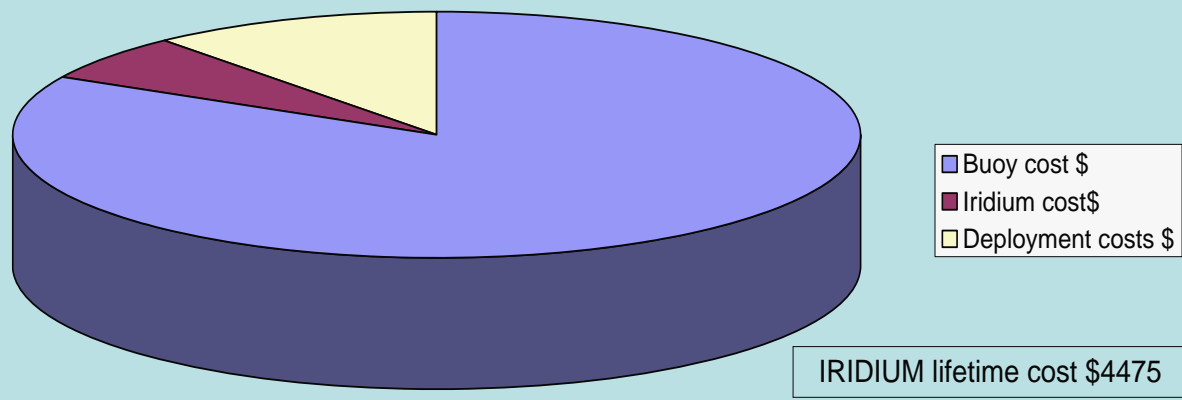
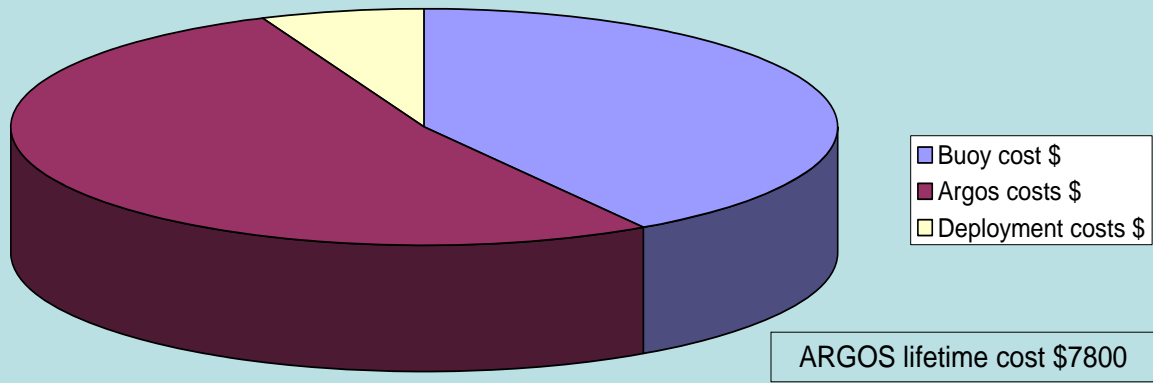
Transmission delays (September 2008) - North Atlantic
30 days of comparison between Iridium and Argos data transmissions



Iridium SVP-B lifetimes - 38 operational E-SURFMAR buoys
which stopped transmitting (out of 100 deployed)



NB : These buoys had no GPS



- Timeliness
 - Performance has already been proven
- Lifetimes
 - Still room for improvement through proper power management of GPS receiver, etc (**Action on manufacturers**)
- Global tests
 - Global coverage has not been achieved
- Demonstration of value of money and overall costs
 - Under analysis (**Action**)
- System management and QC
 - Now have multiple agencies inserting data on to the GTS
 - A worry! (**Action**)
- Development of best practices for Iridium drifters
 - Most drifter manufacturers now producing Iridium SVP-Bs
 - Collective experience should lead to publication of a best practice manual (**Action**)
- Time to disband?