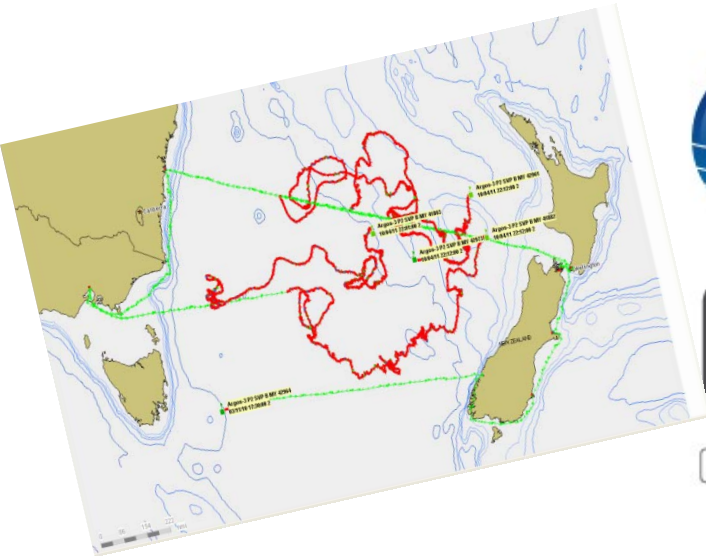


# ARGOS OPERATIONS



**CLS**

COLLECTE LOCALISATION SATELLITES



**DBCP 27**

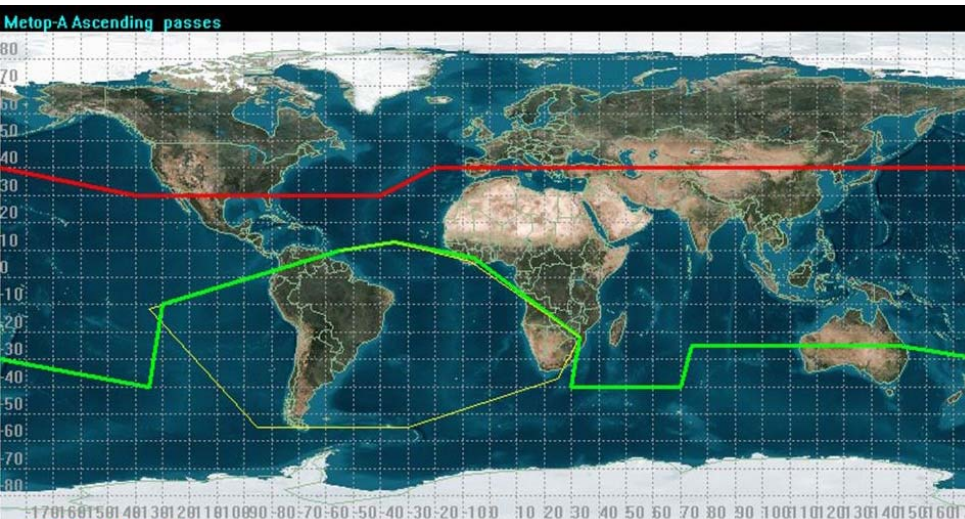
**GENEVA, SWITZERLAND**

**September 26-30, 2011**



- ✓ METOP-A HRPT Coverage Zone Extended: *January 18, 2011*
- ✓ New METOP-A Global Antenna: McMurdo
- ✓ 8 New HRPT Antennas
- ✓ METOP-A A-DCS Anomalies: *August & December 2010*
- ✓ NOAA-19 DSP Restart: *August 2010*
- ✓ Power Outage Test at CLS America

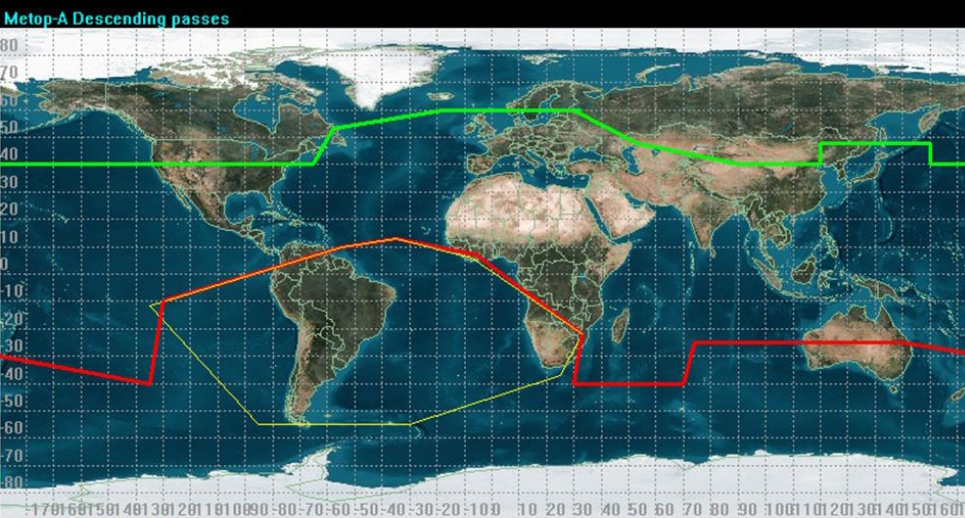




**Extended Coverage of HRPT  
Zone since January 2011**

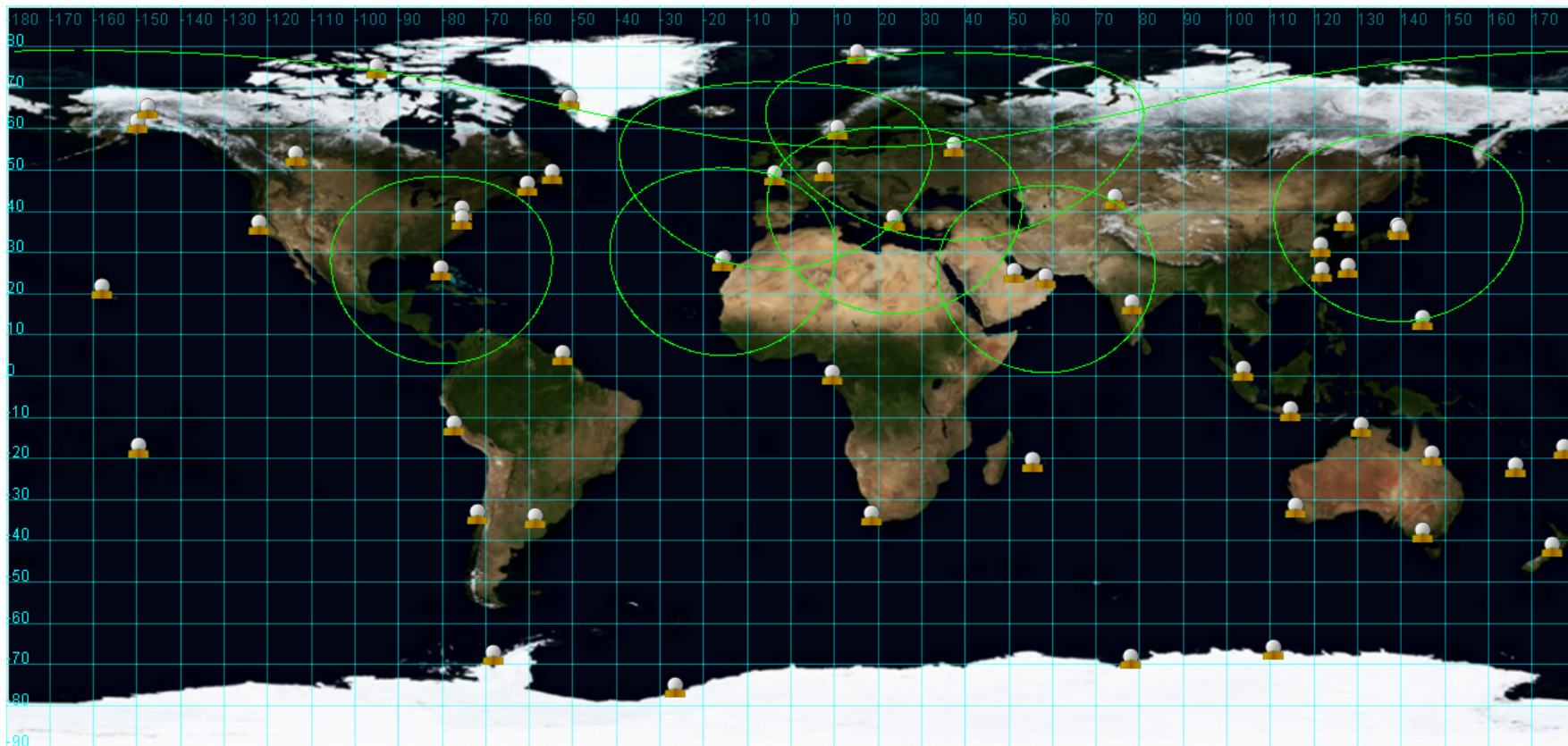


**Ascending Passes**



**Descending Passes**

## METOP-A REAL TIME ANTENNA COVERAGE



NOAA POES  
N15 – N19

METOP-A

N18 & N19  
BLIND ORBITS

**FAIRBANKS**

**SVALBARD**

**WALLOPS**

**MCMURDO**

## GLOBAL STATIONS (4)

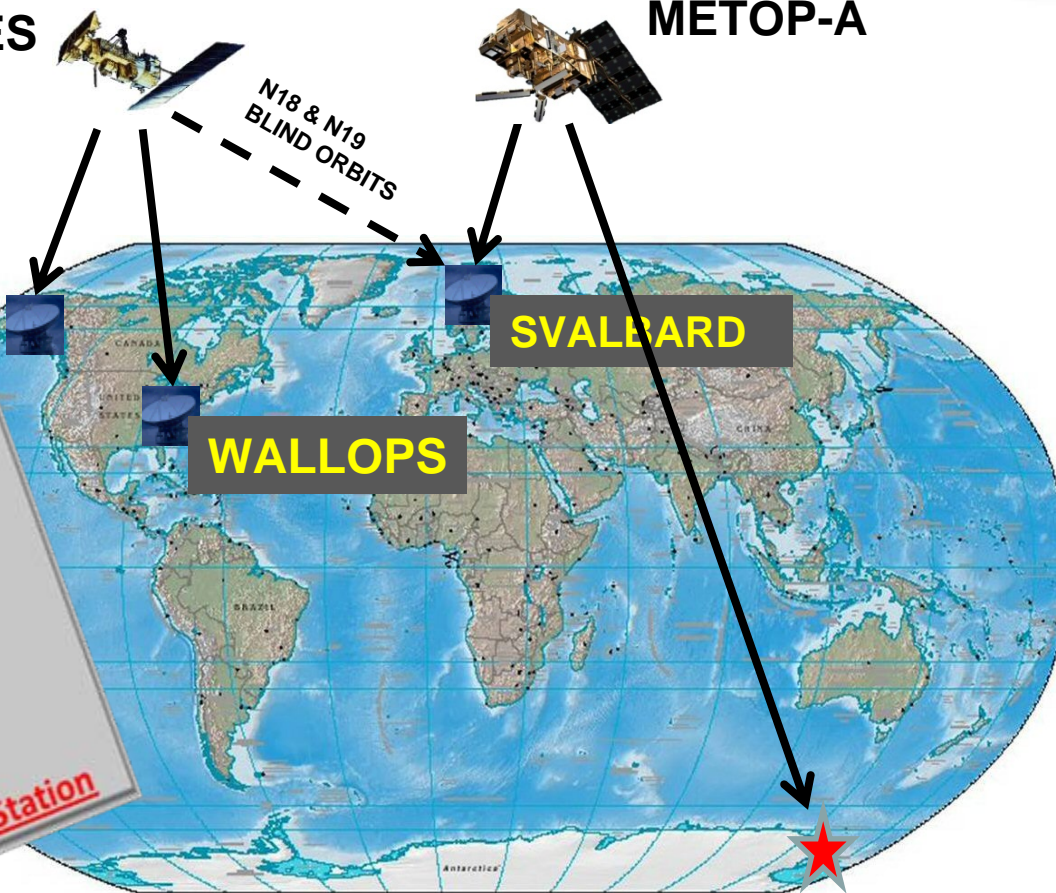
### Fairbanks & Wallops

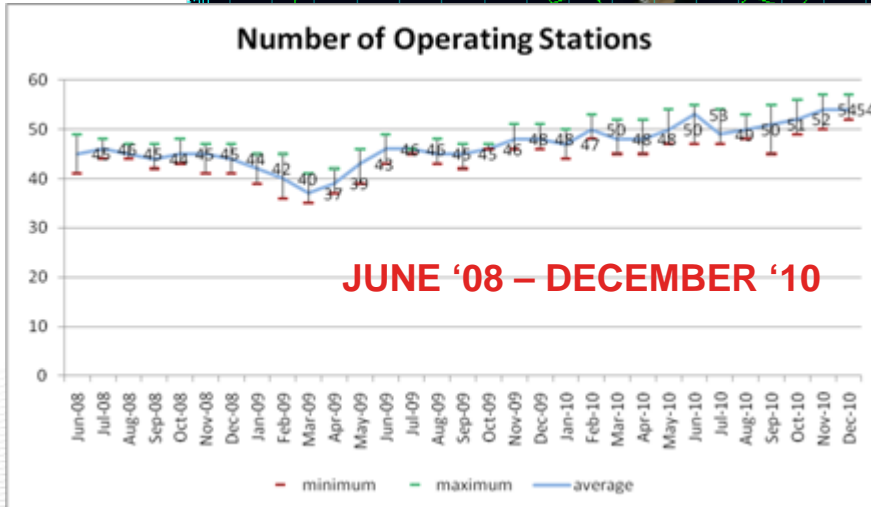
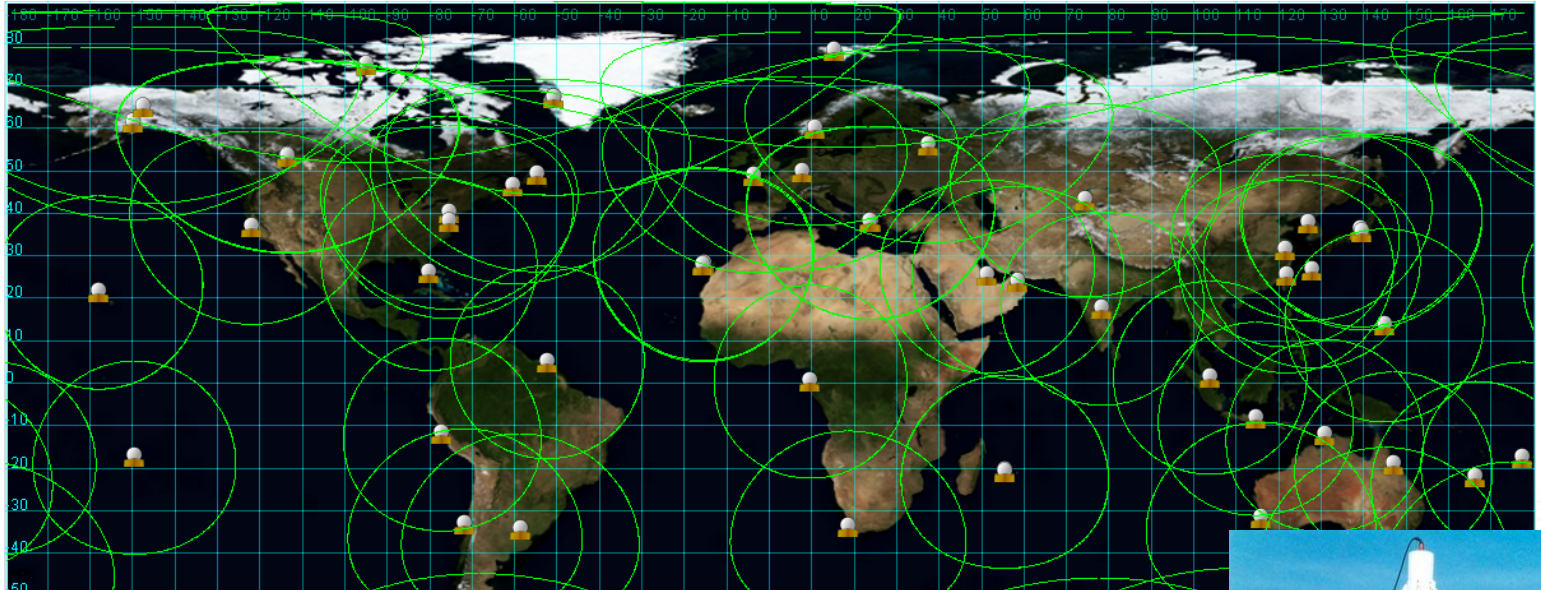
Nominal 14 datasets per day from N15 – N19  
METOP-A backup

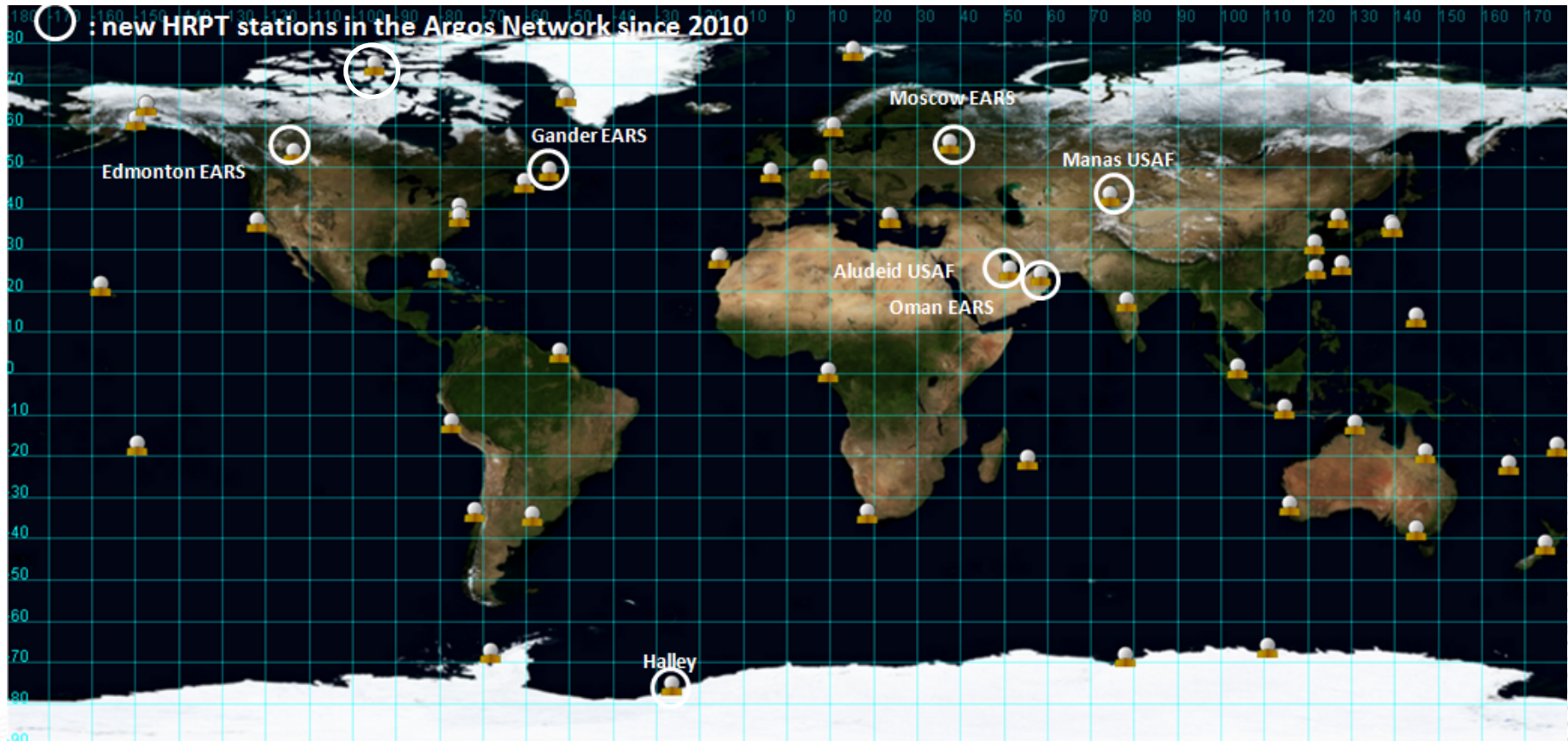
### Svalbard

- Nominal
- 15' granules
- N18, N19 blind orbits

**McMurdo: New METOP-A Global Station**

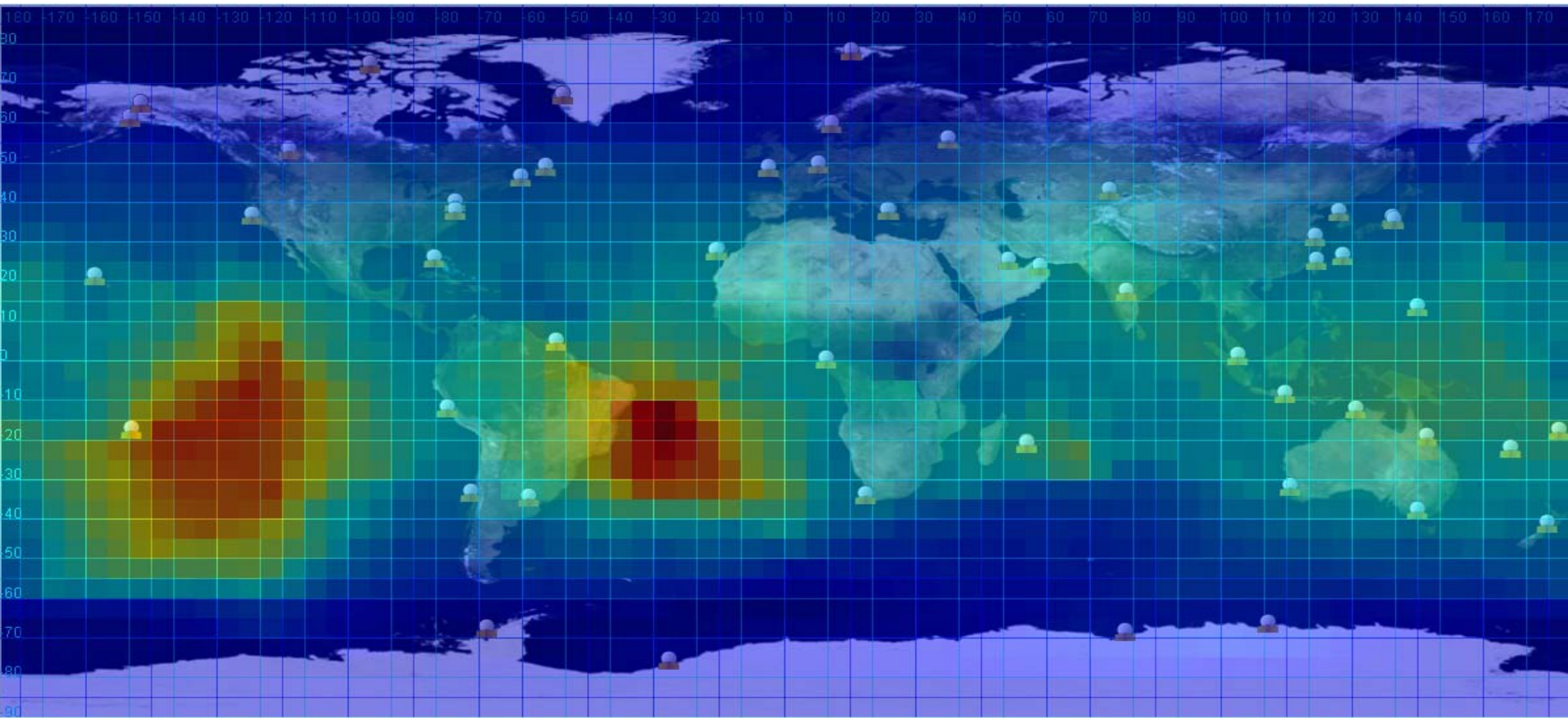




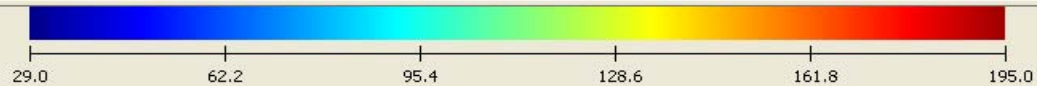




## MEAN DATA AVAILABILITY TIME (minutes)



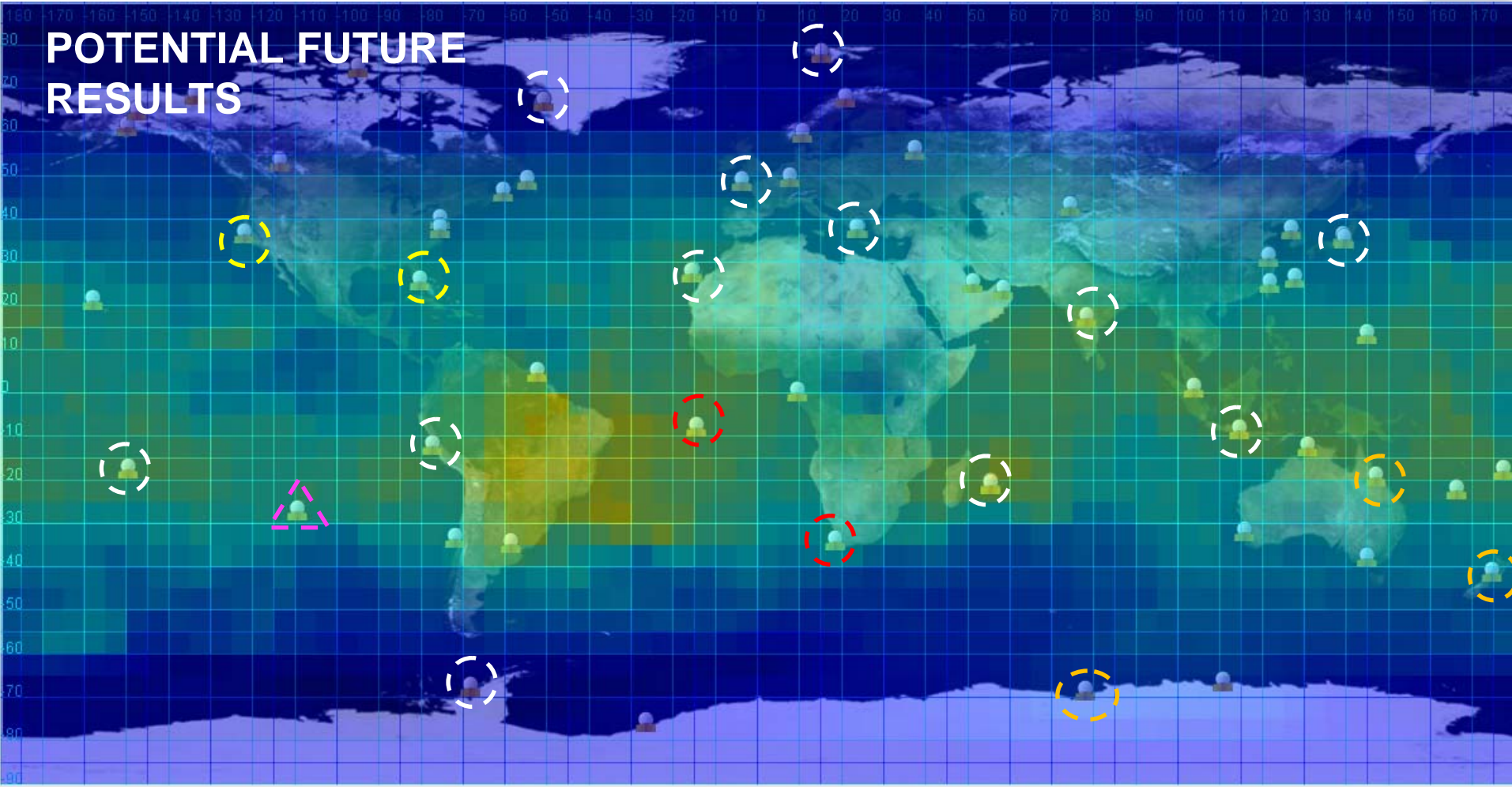
Afficher les stations  Afficher les cercles Min. 29 Max. 195



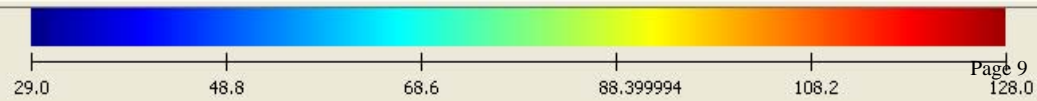




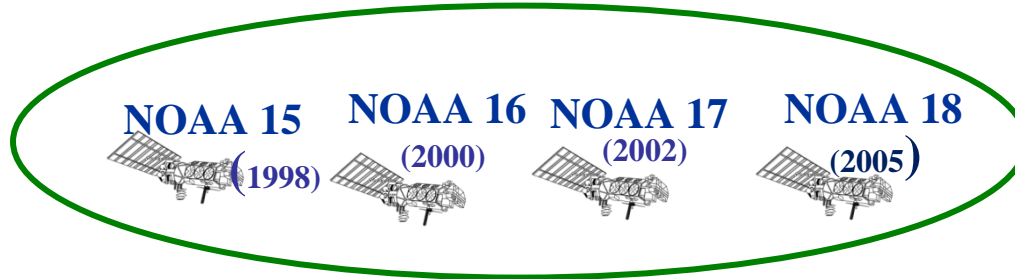
## POTENTIAL FUTURE RESULTS



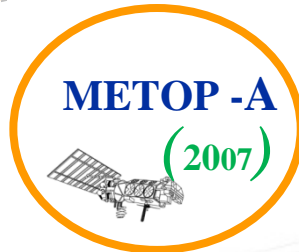
Visualiser les stations...  Afficher les stations  Afficher les cercles Min. 29 Max. 128 Visualiser les applications...



## ARGOS-2



## ARGOS-3



**AM Primary**

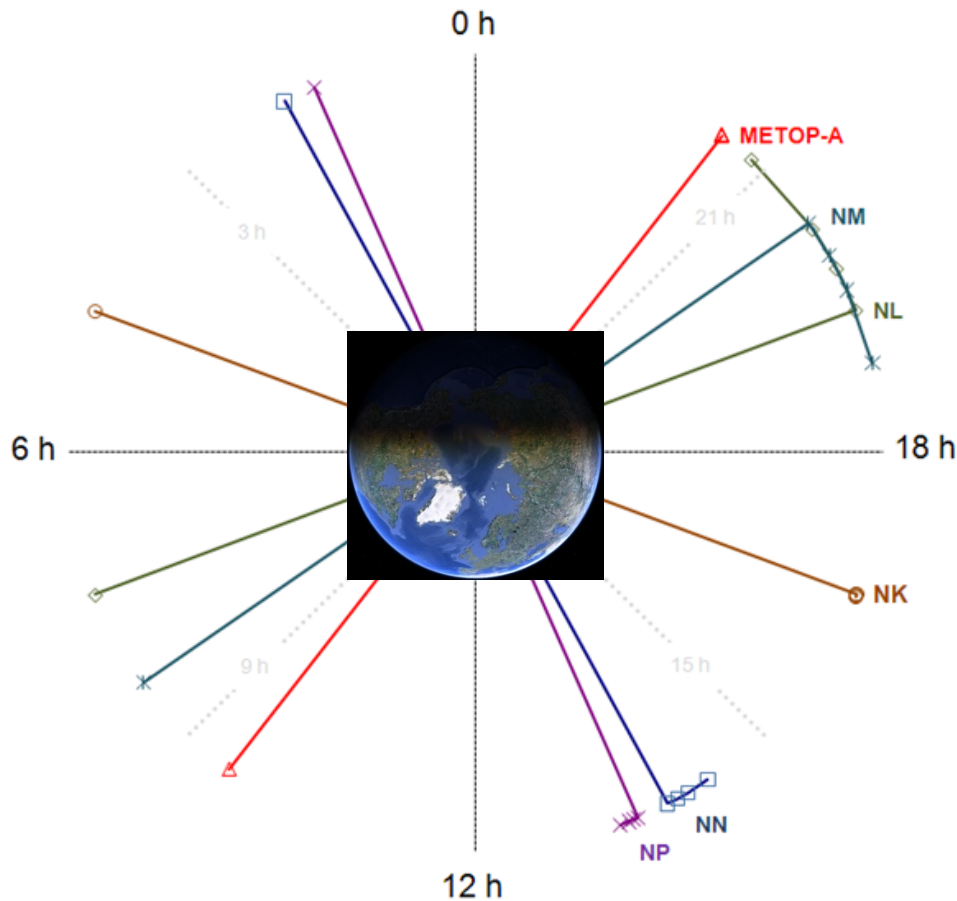
## ARGOS-3 (w/o D'Link)



**PM Primary**

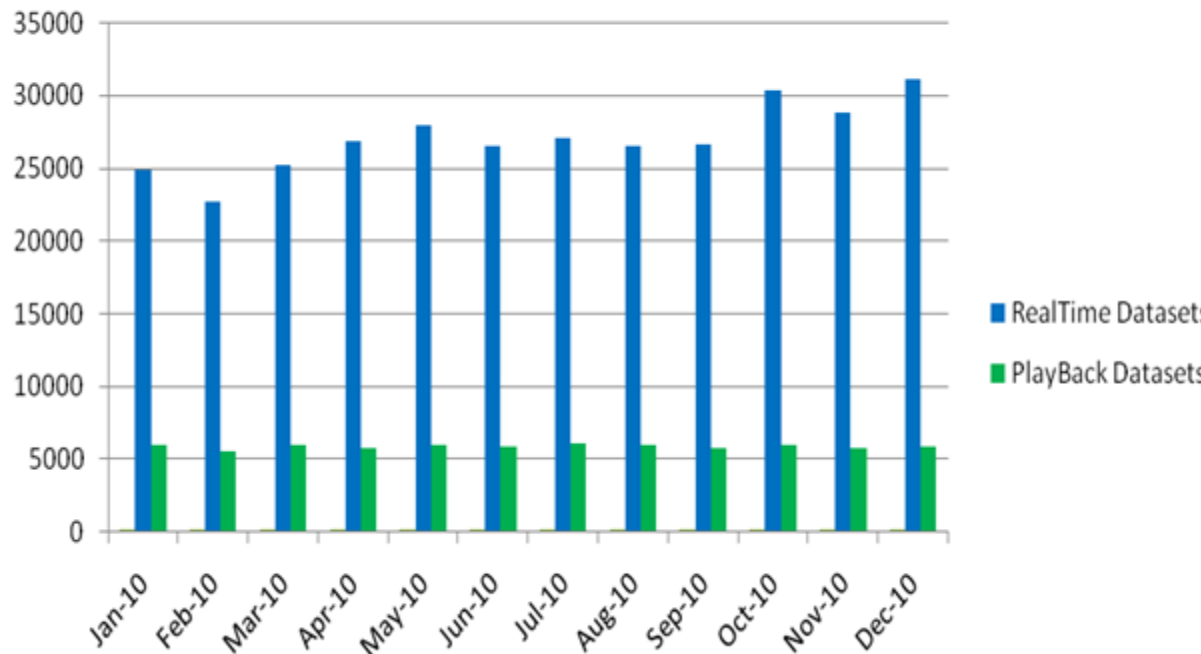


## Local hour of ascending nodes with drifting effect at 6,12,24 months March 2011





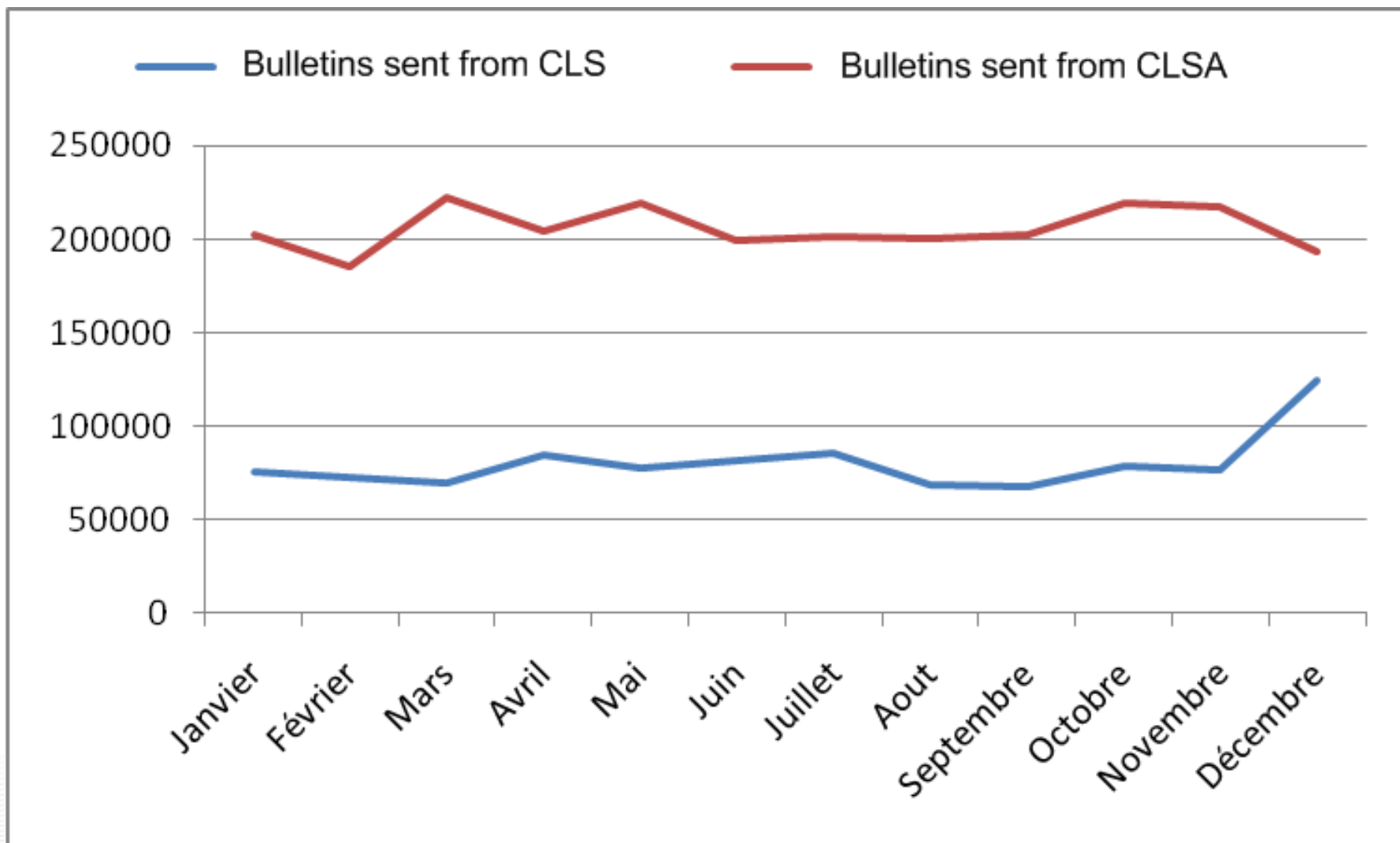
### Datasets processed by PTR



**Global Processing Centers**  
 Nominal  
 Redundancy: 1-2 per mo.  
 1,000 data sets/day  
 1.5M msgs/day  
 CLS A: new building June 4

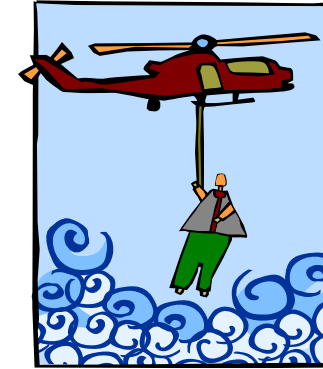
**Regional Processing Center**  
 Lima:Nominal

**Orbitography Beacons:**  
 11 operating  
 1 pending

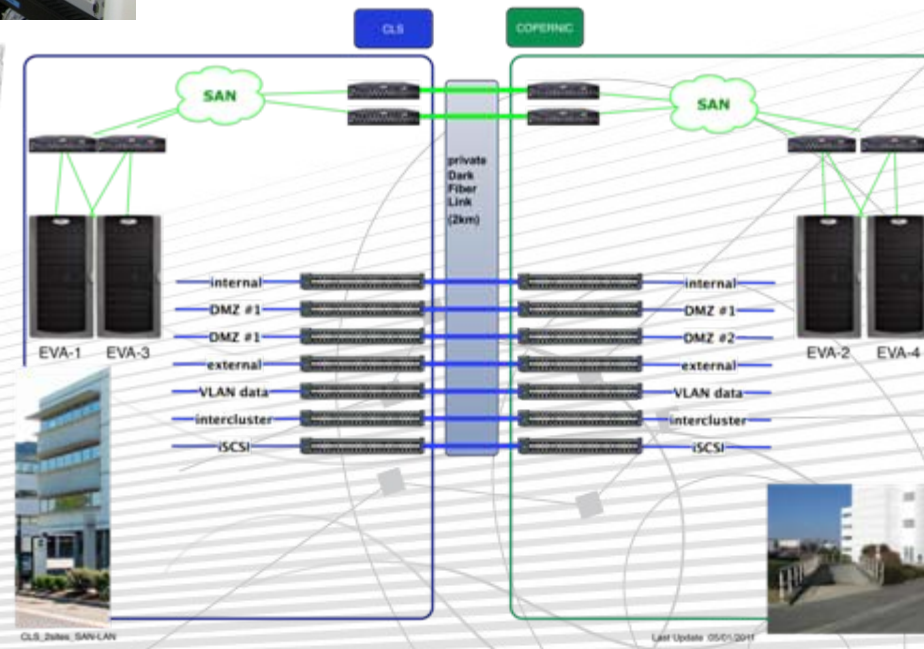


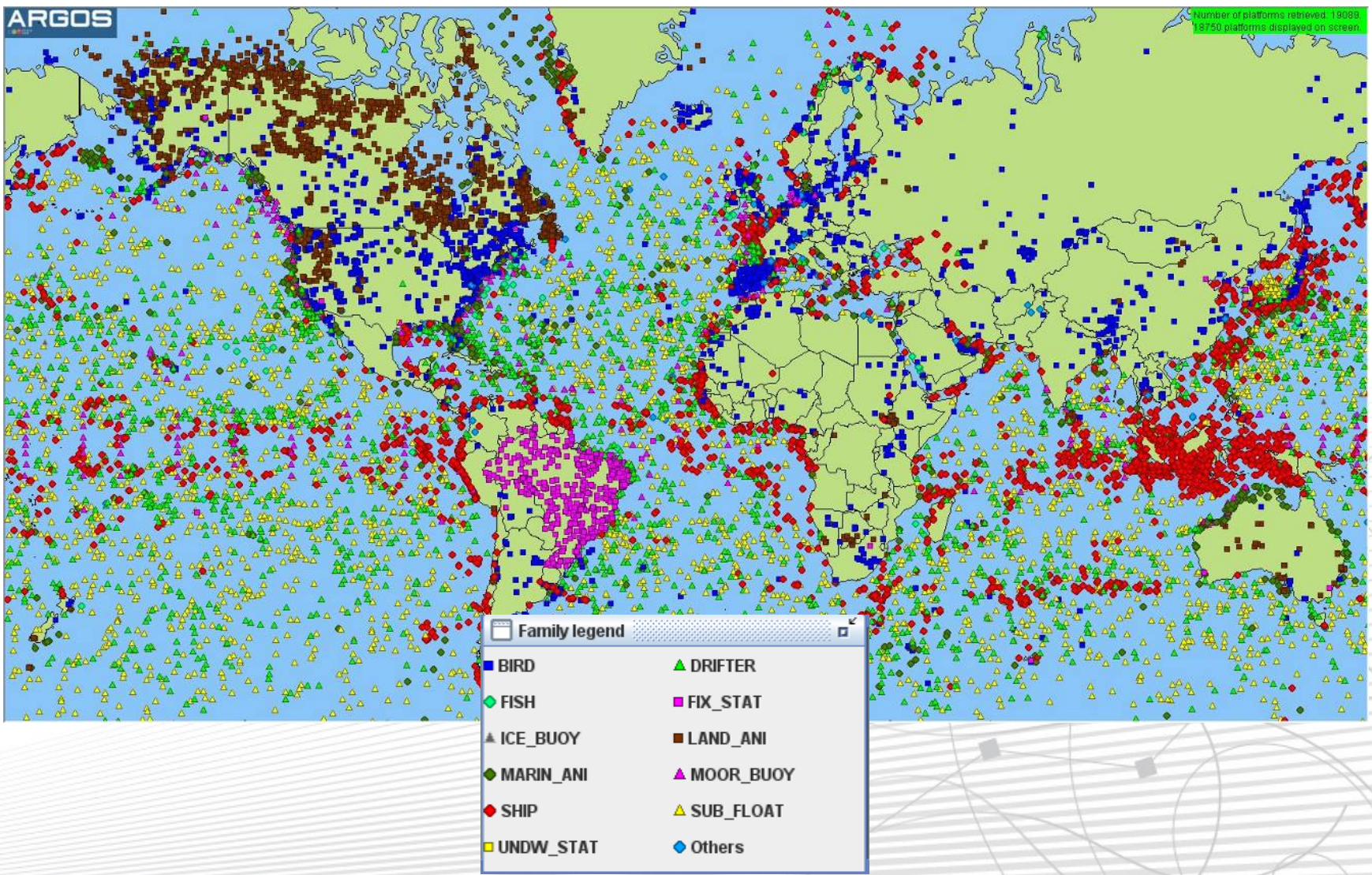
- *Successfully switched to 6 Digits Argos ID*
- *Argos 86 OFF*
- *Frequent CLSA Oracle server crashes (main cause of perturbations on ARGOS).*
- *CLS Oracle servers crash has stopped since their replacement (05/2010).*
- *Argosweb anomalies beginning 2010. Fixed.*



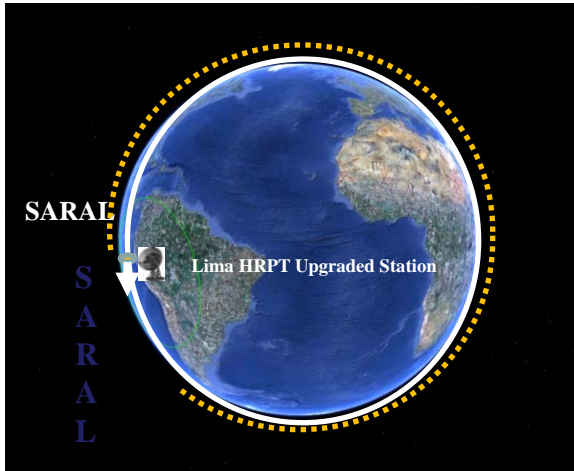


• D R IMPLEMENTATION IS COMPLETE  
 • LOCATED AT CNES  
 • SOME ARGOS COMPONENTS ARE D R COMPLIANT  
 • **MAIN B/U IS STILL BASED ON THE 2 GPCs**









- Optimized HRPT network
- KML for Argos direct
- Archiving
- Sustained increase in active platforms

