

ARGOS OPERATIONS

DBCPC23 & JTA 17 MEETINGS

Jeju, Republic of Korea

October 15-24, 2007

HIGHLIGHTS

- ✓ **Successful launch of METOP-A**
- ✓ **ARGOS2001 Phase3A Pre-Operation**
- ✓ **Cape Ferguson (Australia) real time antenna**
- ✓ **ARGOSWEB opening**
- ✓ **CLS America Inc. moved**

CLIENT access

username:

password:

time zone: GMT

language: English

Worldwide tracking and environmental monitoring by satellite

795x596

-24
12.3

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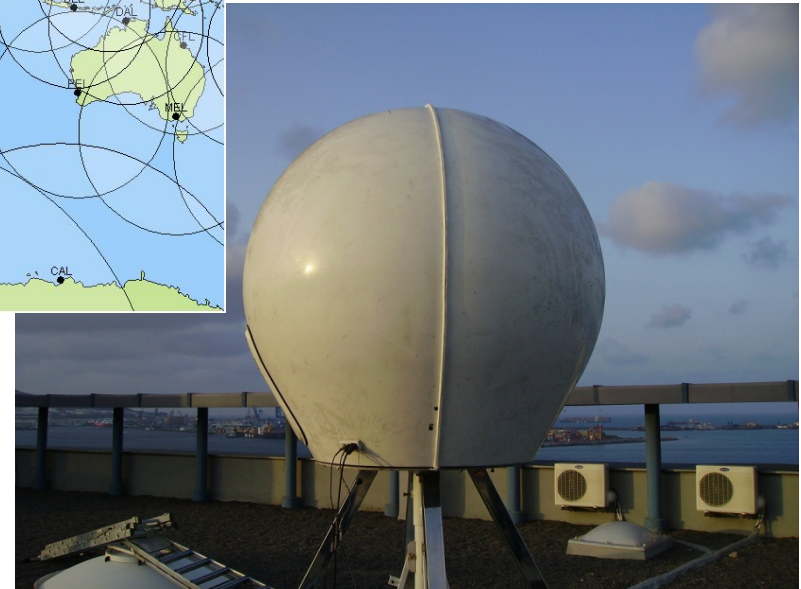
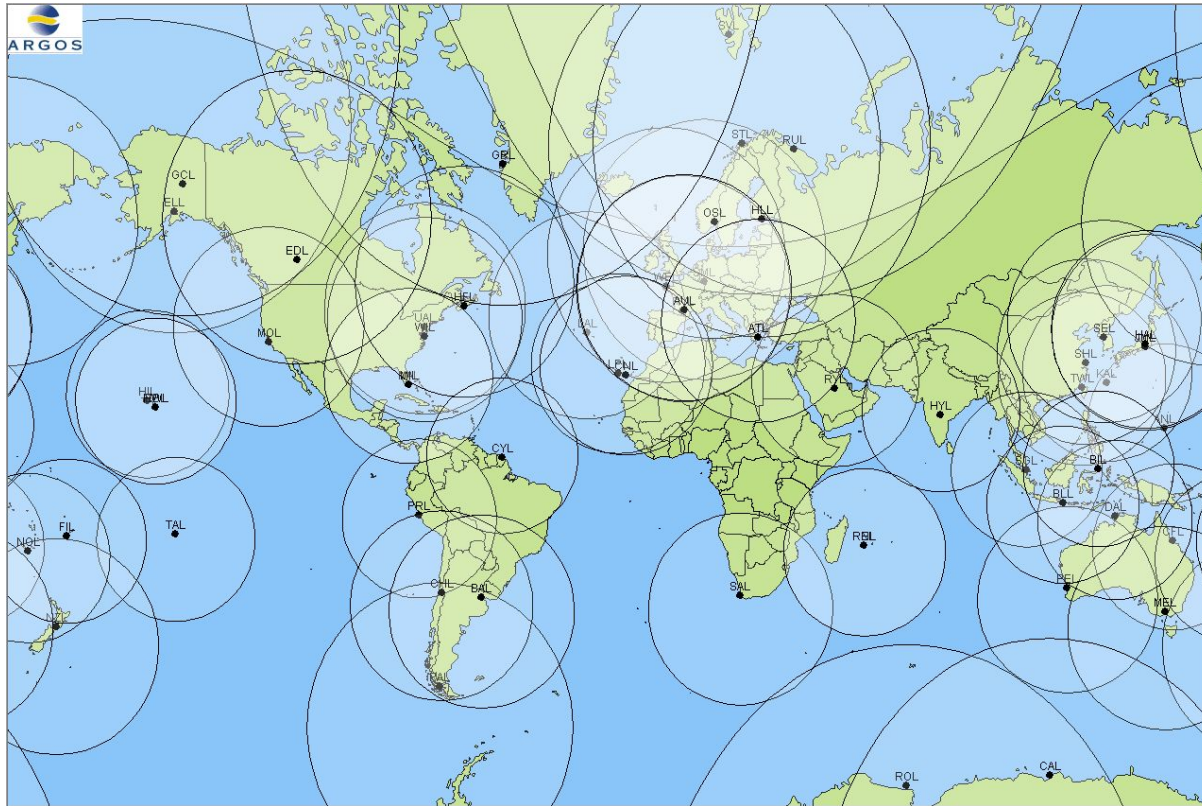
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Know today, live better tomorrow
CLS GROUP

GROUND STATIONS

- ✓ **Global stations (Fairbanks & Wallops Island)**
 - **Nominal**
- ✓ **Regional stations (55)**
 - **Cape Ferguson (Australia) added**
 - **7 USAF antenna connected in March 2007**
 - **Libreville (Gabon) connected in April 2007**
 - **Lima (Peru), Lannion (France) and Hatoyama (Japan) upgraded to receive METOP real time data**
 - **Fidji and Rydah: No data received since 2006**

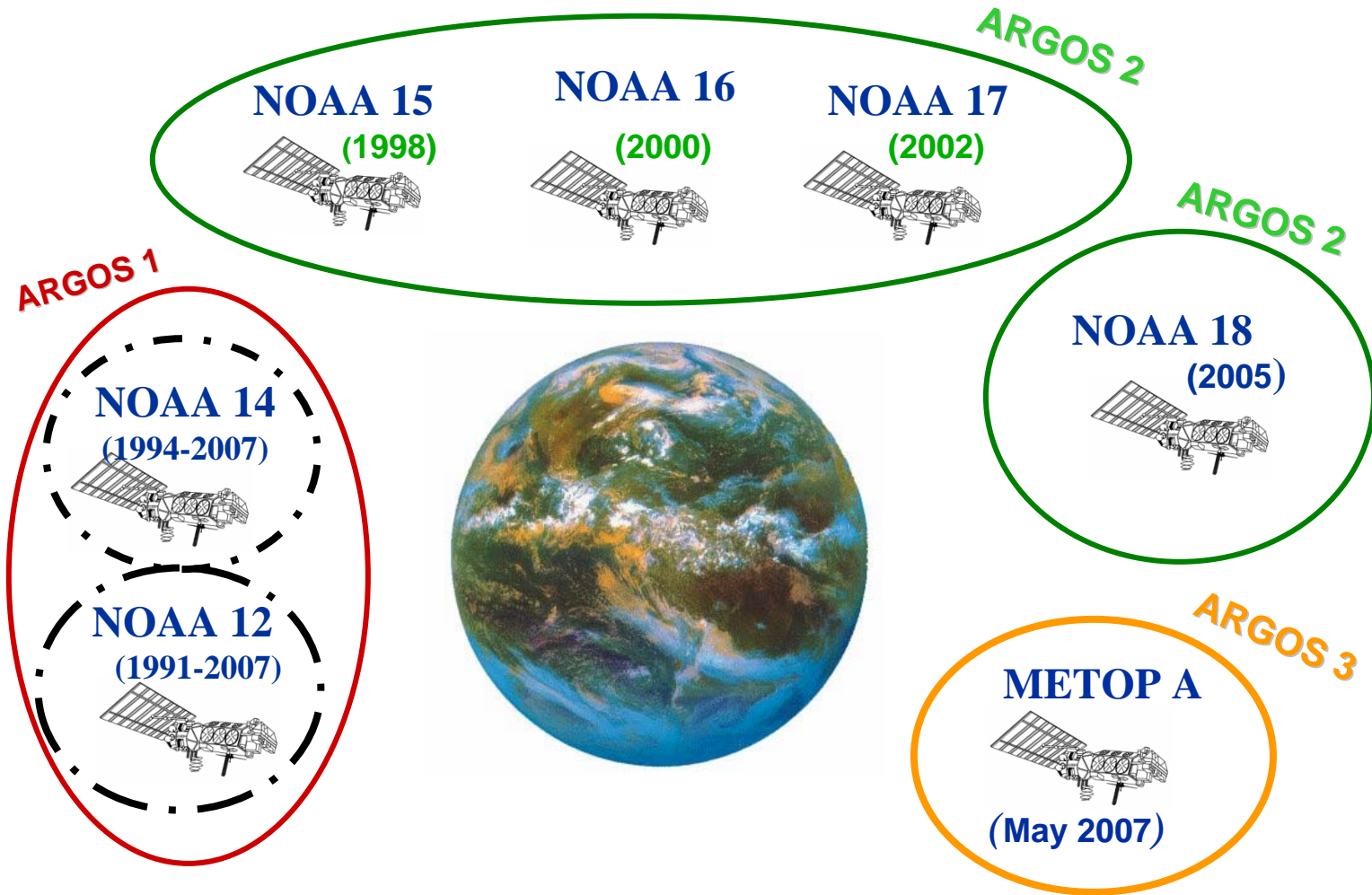
GROUND STATION COVERAGE



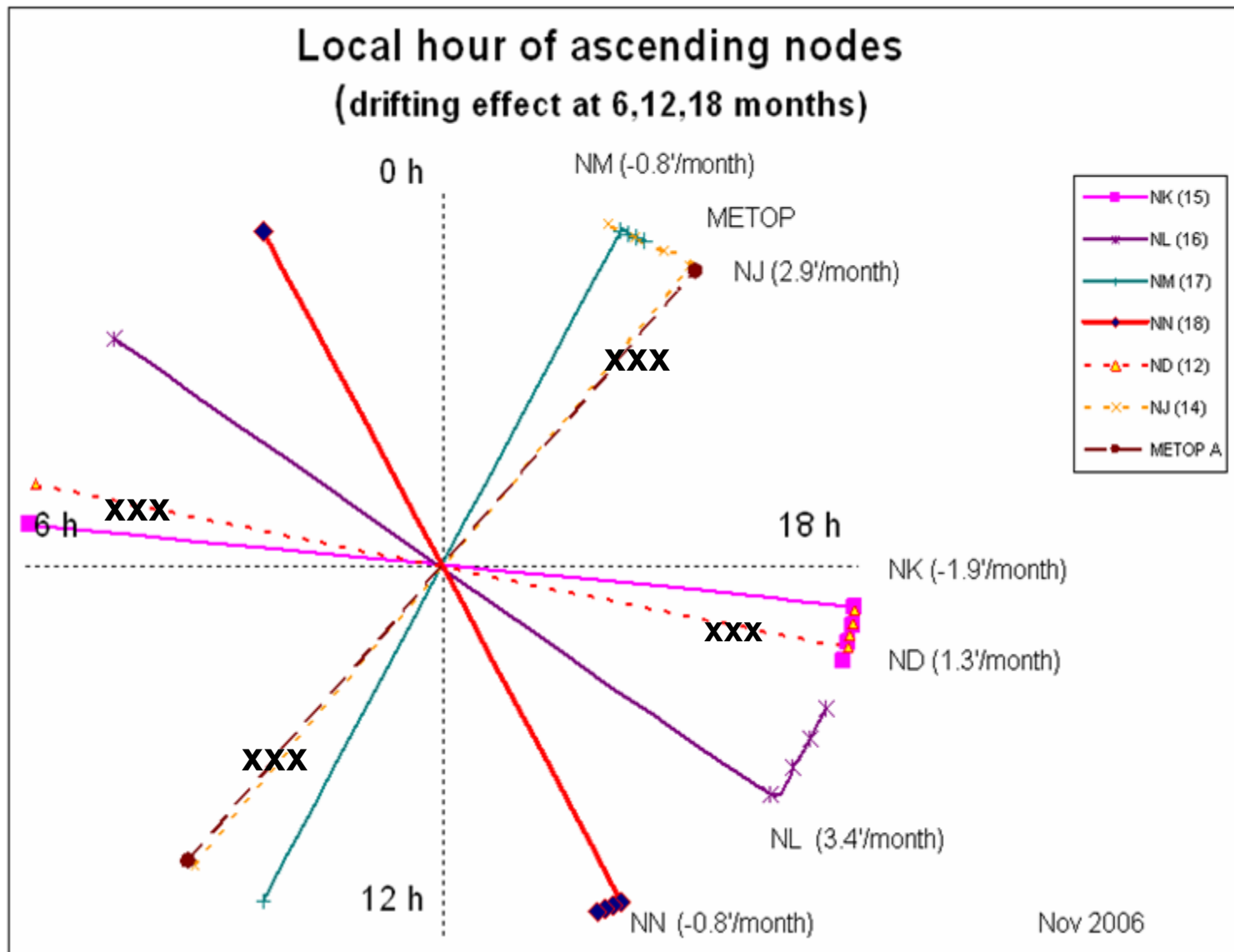
GROUND STATIONS MONITORING TOOL

		<u>APRIL</u>		<u>MAY</u>		<u>JUNE</u>		<u>JULY</u>		<u>AUGUST</u>	
AN	Guam	53%	96%	83%	93%	96%	100%	100%	100%	83%	100%
AT	Athenes	0%	0%	35%	35%	23%	23%	0%	0%	0%	0%
AU	Aussagel	93%	100%	80%	80%	86%	86%	0%	0%	0%	0%
BA	Buenos Aires	90%	90%	90%	87%	96%	100%	100%	100%	96%	100%
BI	Bitung	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
BL	Bali	63%	93%	100%	96%	76%	100%	100%	100%	77%	87%
CA	Casey	66%	100%	100%	100%	96%	100%	83%	83%	96%	100%
CF	Cap Ferguson	53%	70%	93%	93%	96%	100%	100%	96%	96%	100%
CH	Santiago	0%	36%	0%	100%	0%	100%	0%	100%	0%	100%
CN	Las Palmas / CLS	93%	100%	80%	80%	23%	23%	9%	9%	74%	80%
CY	Cayennes	83%	90%	74%	74%	73%	70%	77%	80%	54%	61%
DA	Darwin	63%	100%	100%	100%	96%	100%	100%	100%	93%	100%
EB	OAHU	53%	90%	29%	29%	0%	0%	0%	0%	0%	0%
ED	Edmonton	63%	100%	100%	100%	96%	100%	100%	100%	96%	100%
EL	Anchorage Alaska	43%	93%	93%	96%	96%	100%	100%	96%	93%	100%
FI	Fidji	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
GB	Gabon	0%	0%	0%	0%	16%	0%	96%	0%	83%	0%
GC	Gilmore	66%	100%	100%	100%	100%	100%	100%	100%	100%	100%
GR	Sondre	96%	93%	96%	100%	96%	100%	100%	100%	87%	93%
HF	Halifax	86%	96%	100%	100%	96%	100%	100%	100%	96%	100%
HI	Honolulu Hawaii	53%	100%	96%	100%	96%	100%	100%	100%	96%	100%
HL	Helsinki	70%	100%	96%	100%	96%	100%	100%	100%	90%	100%
HT	Hatoyama	0%	0%	0%	0%	0%	0%	0%	0%	90%	70%
HW	Hawai	63%	100%	100%	100%	96%	100%	100%	96%	96%	100%
HY	Hyderabad	60%	100%	87%	96%	96%	100%	100%	100%	93%	100%
JM	Jamstec	83%	86%	80%	90%	0%	0%	0%	0%	0%	0%
KA	Okiwana Japon	60%	96%	100%	96%	96%	100%	96%	100%	93%	100%

ARGOS SPACE SEGMENT:2006/7

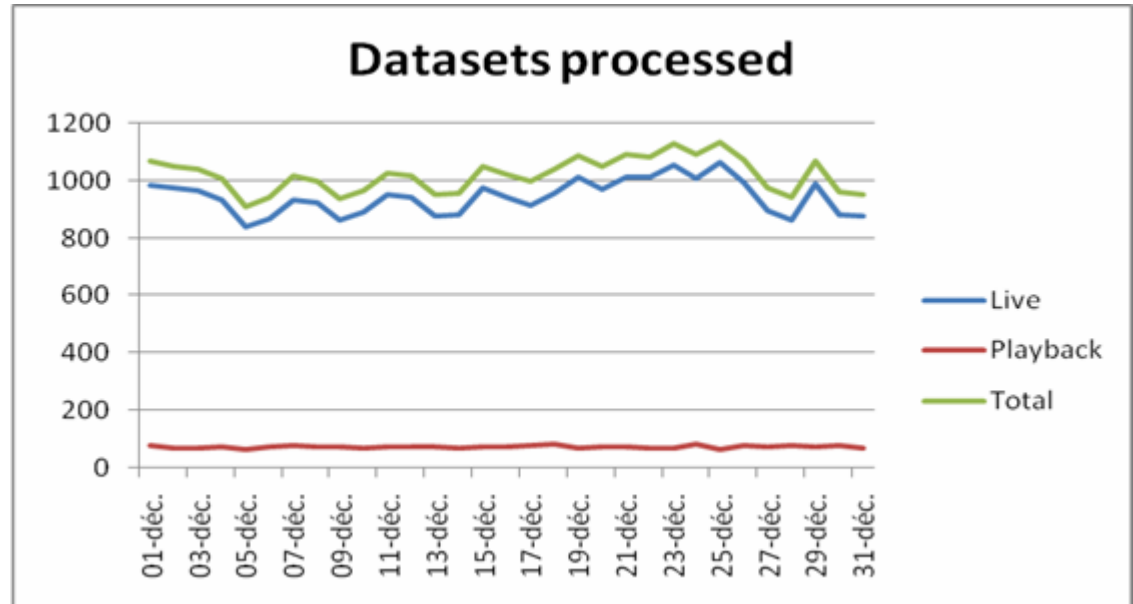


SATELLITE ORBITAL PLANES



PROCESSING CENTERS

- ✓ **Global Processing Centers**
 - Nominal
 - 1000 data sets per day (800 in '06)
- ✓ **ARGOS2001 Phase3 Pre-Operation**
- ✓ **Regional Processing Center**
 - Lima, Djarkarta, Tokyo: Nominal operation
 - Djarkarta and Tokyo will be de-activated at mid-2007
- ✓ **Orbitography beacons: Review contact point.**

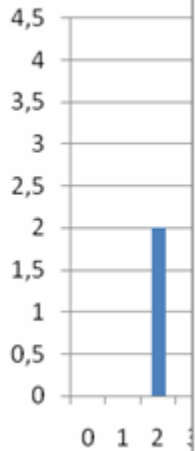


STIP DATA ARRIVAL TIMES

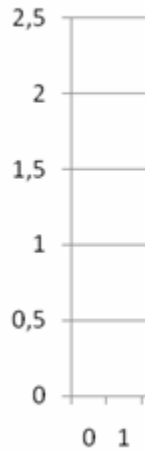
NOAA-12



NOAA-14



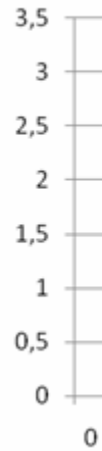
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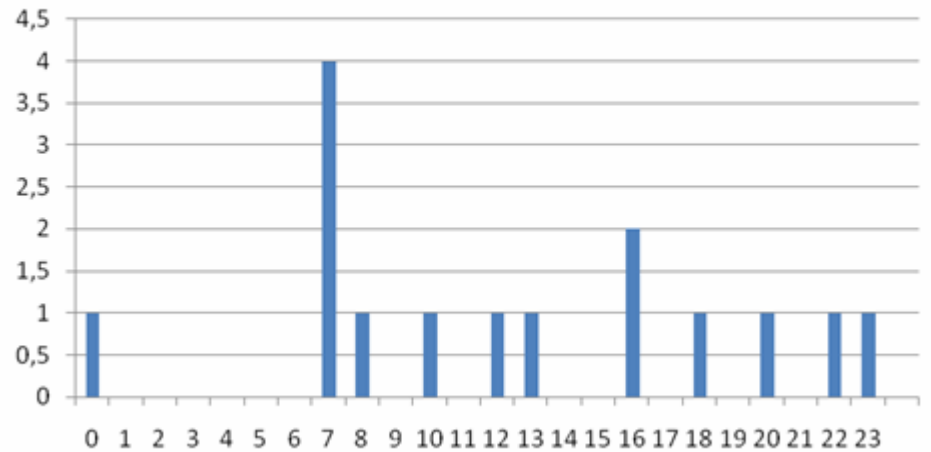
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NOAA-17



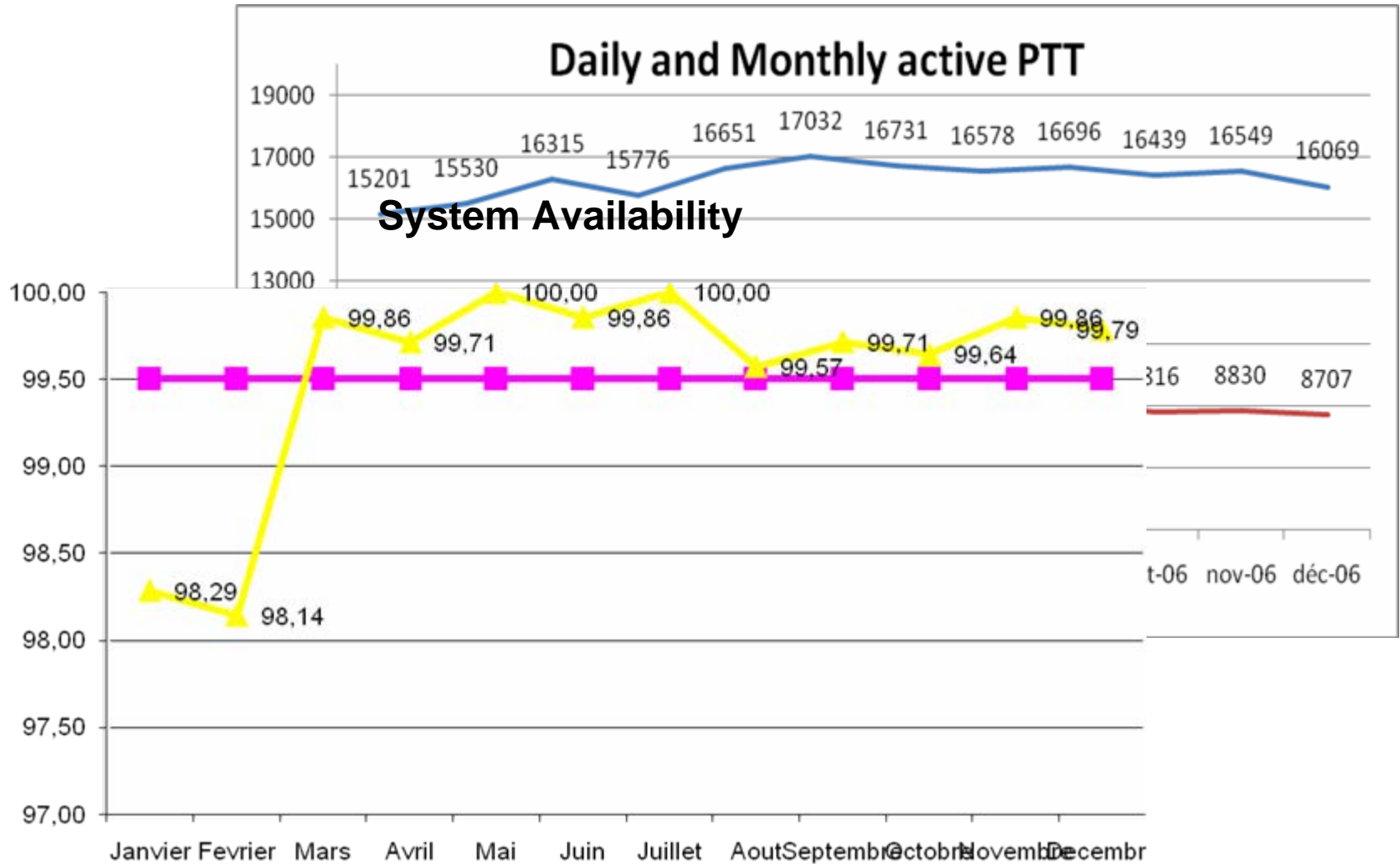
NOAA-18



2006 STATISTICS

- ✓ **Daily Active PTT: > 9000 (8,000)**
- ✓ **Monthly Active PTT: > 17000 (15,000)**
- ✓ **Messages : > 1 000 000 per day(850,000)**
- ✓ **Locations : > 70 000 per day (65,000)**
- ✓ **Services availability : > 99,6% (99,58%)**

STATISTICS GRAPH



PERSPECTIVES

- ✓ **METOP-A operational (2 Way)**
- ✓ **ARGOS2001 Phase3 in operation**
- ✓ **Disaster recovery implementation**

