

THE LAST EVOLUTIONS OF THE DORIS SYSTEM

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NETWORK

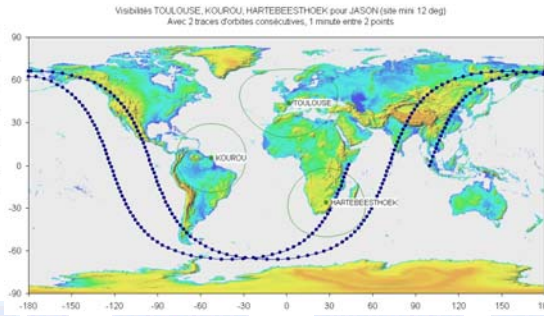
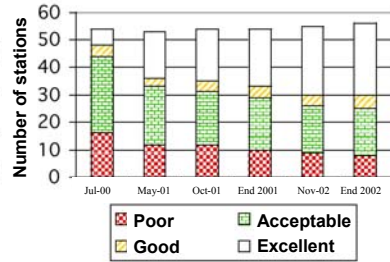
56 stations over the world

2 new stations, THULE (Greenland) & SAL (Cape Verde island)

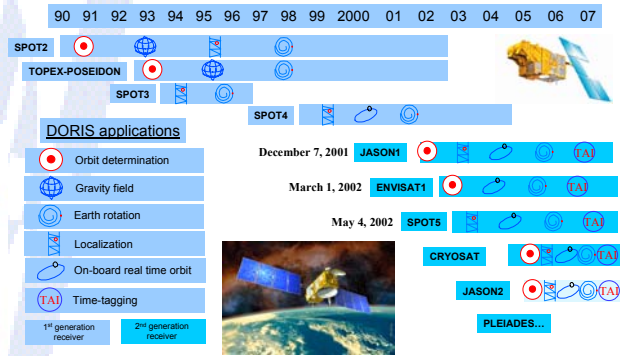
1 new master beacon, Hartebeesthoek (soon)

version	quantity	advantage
3.0	9	Shifted frequencies capability to avoid frequency jamming
2.0	13	Low consumption
1.0 & 1.1	34	First generation

Monumentation improvement



SATELLITES



YELLOWKNIFE



THULE

DIODE NAVIGATOR

1st version

« probationary experiment », 99.5% availability since 1998
improved version in 2003

SPOT 4

from 1998

Accuracy

5m rms/3D

2nd version

self initialization, self programming,

« lost in space », first position 35 mn after restart

JASON 1

from Dec. 7, 2001

50cm rms/3D

ENVISAT

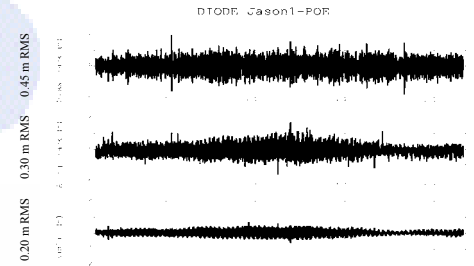
from Mar. 1, 2002

50cm rms/3D

SPOT 5

from May 4, 2002

50cm rms/3D



IDS CENTRAL BUREAU

-Activity reports:

IERS
CSTG

- Web server:

<http://ids.cls.fr/>

- FTP server:

<ftp://ftp.cls.fr/pub/ids/>

- DORIS server on AVISO server:

<http://www.aviso.oceanobs.com/>

IDS ANALYSIS COORDINATION

- chaired by M. Feissel-Vernier:

feissel@ensg.ign.fr

- Web site:

<http://lareg.ensg.ign.fr/IDS/>

- OBJECTIVES:

IDS products Analysis
Stations coordinate
Satellite orbits
Geocenter location
Earth Orientation Parameters

Consistency verification for
estimated time varying parameters
estimated reference frames

Contribution to IERS

IDS WORKSHOPS

- Doris Days, Toulouse, May 2000

http://ids.cls.fr/html/report/doris_days_2000/programme.html

- IDS & Analysis Workshops, Biarritz, June 2002:

http://ids.cls.fr/html/report/ids_workshop_2002/programme.html

- DORIS Analysis Workshop, Marne-La-Vallée, February 2003:

http://lareg.ensg.ign.fr/IDS/events/prog_2003.html

IDS STATION SELECTION GROUP

- chaired by F. Lemoine:

Frank.Lemoine@gsf.nasa.gov

- 2002-2003 selections:

Gavdos	2003
Tigo/Wetzell	2003
Lambert glacier	2003
Sorsdall glacier	2002

IDS DATA CENTERS

- Data organization

http://lareg.ensg.ign.fr/IDS/doc/struct_dc.html#p1

- NASA/CDDIS, chaired by C. Noll :

Carey.E.Noll@cddisa.gsf.nasa.gov

FTP server:

<ftp://cddisa.gsf.nasa.gov/pub/doris/>

- IGN/LAREG, chaired by E. Gaulue:

Edouard.Gaulue@ign.fr

FTP server:

<ftp://lareg.ensg.ign.fr/pub/doris/>