



*IDS Plenary Meeting, 3-4 May 2004*

# The Central Bureau information system

L. Soudarin<sup>1</sup>, H. Fagard<sup>2</sup>, J.P. Granier<sup>3</sup>, G. Tavernier<sup>3</sup>, J.J. Valette<sup>1</sup>, P. Willis<sup>4</sup>

<sup>1</sup> *CLS, Collecte Localisation Satellites, Ramonville, France*

<sup>2</sup> *IGN, Paris, France*

<sup>3</sup> *CNES, Toulouse, France*

<sup>4</sup> *IGN/JPL, USA*

# What kind of information may be found on wich center? (1/2)

IDS has three data/information centers:

- **CB**: the Central Bureau web and ftp sites at CLS
- **DC**: the Data Center(s): \* CDDIS: web and ftp sites \* IGN: ftp site
- **AC**: the Analysis Coordinator webpage at IGN/LAREG

The baseline storage rules are as follows. .

DC store observational data and products + formats and analysis descriptions.

CB produces/stores/maintains basic information on the DORIS system, including various standard models (satellites, receivers, signal, reference frames, etc). .

AC refers to CB and DC information on the data and modelling, and generates/stores analyses of the products.

## What kind of information may be found on wich center? (2/2)

Two criteria are considered for deciding where files are stored/maintained:

1. the responsibility on their content and updating,
2. the easyness of user access.

Data-directed software is stored and maintained at the CB, analysis-directed software is stored/maintained, or made accessible through the AC site.

To avoid information inconsistencies, duplication is minimized. Logical links and cross referencing between the three types of information centers is systematically used.

# BASIC INFO

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







The IDS ftp server gives basic information on the DORIS system.  
The information is:

- centers : presentation and analysis strategy of the ACs
- data : format description 1.0 and 2.1
- dorimails : archive of the text files and index
- products : format of eop, geoc, snx, sp1, stcd
- satellites : macromodel, nominal attitude model, maneuver history, arcs/cycles calendar with maneuver types
- stations : ties, colocations, host agencies, ITRF2000, antennas description, Jason visibility

Mirror at CDDIS: [ftp://cddisa.gsfc.nasa.gov/pub/doris/cb\\_mirror/](ftp://cddisa.gsfc.nasa.gov/pub/doris/cb_mirror/)

### Current directory is /pub/ids

[Up to higher level directory](#)

 <a href="#">centers/</a>	Tue Jan 7 00:00:00 2003	Directory
 <a href="#">data/</a>	Fri Feb 14 00:00:00 2003	Directory
 <a href="#">dorismail/</a>	Wed Apr 28 16:27:00 2004	Directory
 <a href="#">products/</a>	Tue Jan 7 00:00:00 2003	Directory
 <a href="#">satellites/</a>	Wed Apr 21 13:36:00 2004	Directory
 <a href="#">stations/</a>	Mon Apr 19 08:04:00 2004	Directory

> Click **Basic info** on the IDS web site

# IDS web site

<http://ids.cls/fr>

The IDS web site gives general information on the Service.

- IDS organization, terms of reference, call for participation  
Contacts and links

- Documents, bibliography, meeting presentations  
FAQ

- Site logs (new presentation in preparation)
- System events
- Access to coordinate time series  
(update in preparation)

- Links to the other information servers.



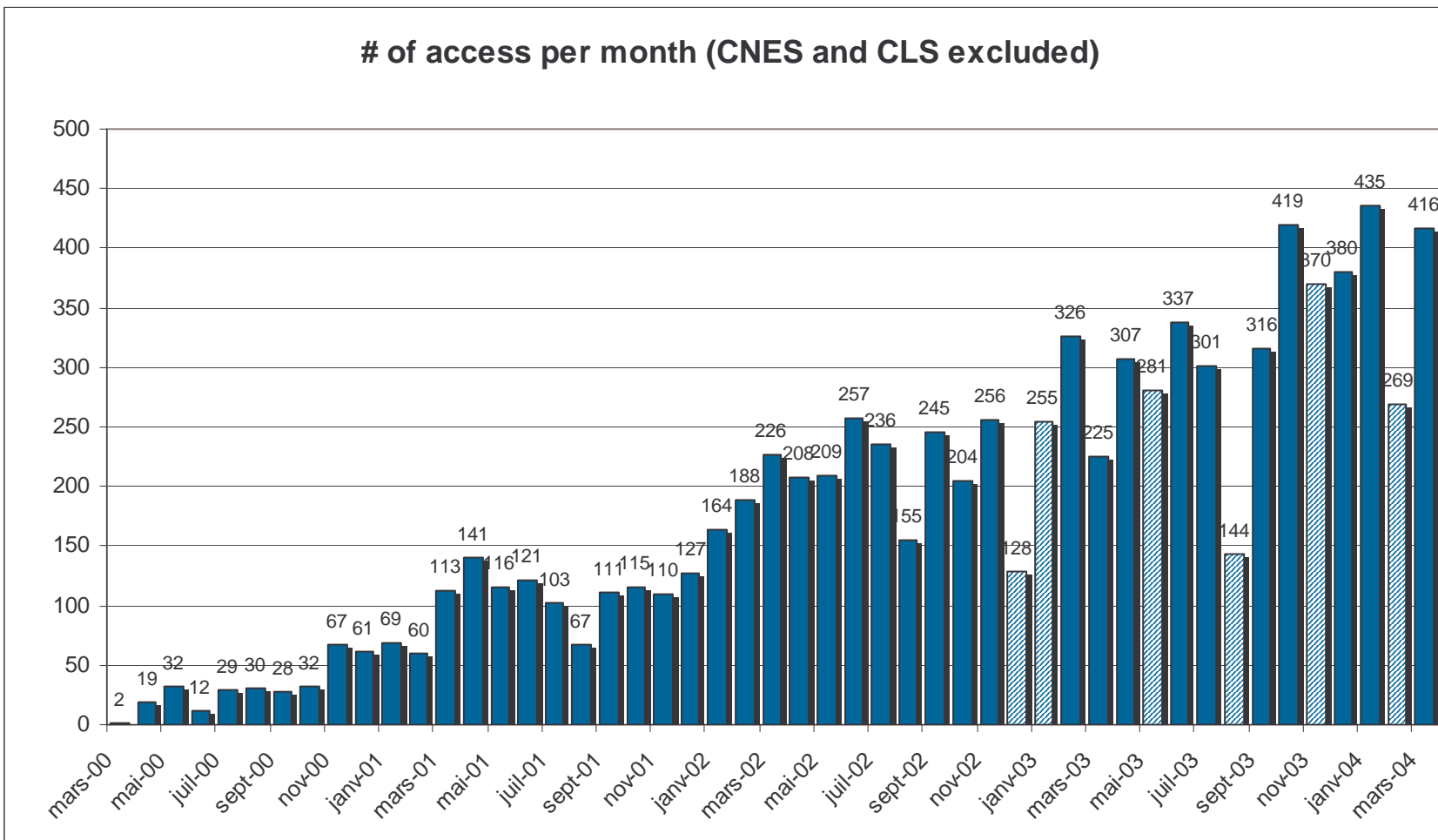
[What's new on IDS](#) (January 2004)  
[What's new on DORIS](#) (February 2004)

| [Site Index](#) | [Glossary](#) | [FAQ](#) | [Basic info](#) |

 [2004 IDS Plenary meeting](#)

# IDS web site

<http://ids.cls/fr>



 Incomplete log file

# New site log page in preparation

Objective: (all) the information of one site on one page

## Djibouti - Doris Station



Former site logs →

**Older site logs**  
[DJIB0304 LOG](#) (current)  
[DJIB0205 LOG](#)  
[DJIB0107 LOG](#)  
[DJIB0011 LOG](#)

**Other pictures**  
[DJIA.jpg](#)

← More pictures (current and former installations)

Links to plots (TBD) →

[Plots](#)

### Site news

**Local events**  
None

← Local events

Related DORISmails →

**Doris mails**  
No [0102](#) Antenna moving at Djibouti

← **Current site log follows**

# Time series interface

Objective: to give acces to some time series

Files (plots (gif) and data (stcd)) will be stored on one ftp site.

Possible presentation (TBD):

2002 campaign....

The DORIS stations list			AC 1		AC 2...	
Name	Country	Code	Graph	Data	Graph	Data
AMSTERDAM	France (T.A.A.F.)	AMSA	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
		AMSB	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
		AMTB	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
AREQUIPA	Peru	AREA	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
ARLIT	Niger	ARLA				
		ARMA	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
ASCENSION	U.K. (South Atlantic Ocean)	ASDB	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
BADARY	Russia	BADA	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>
CACHOEIRA PAULISTA	Brazil	CACB	<a href="#">GIF</a>	<a href="#">DAT</a>	<a href="#">GIF</a>	<a href="#">DAT</a>

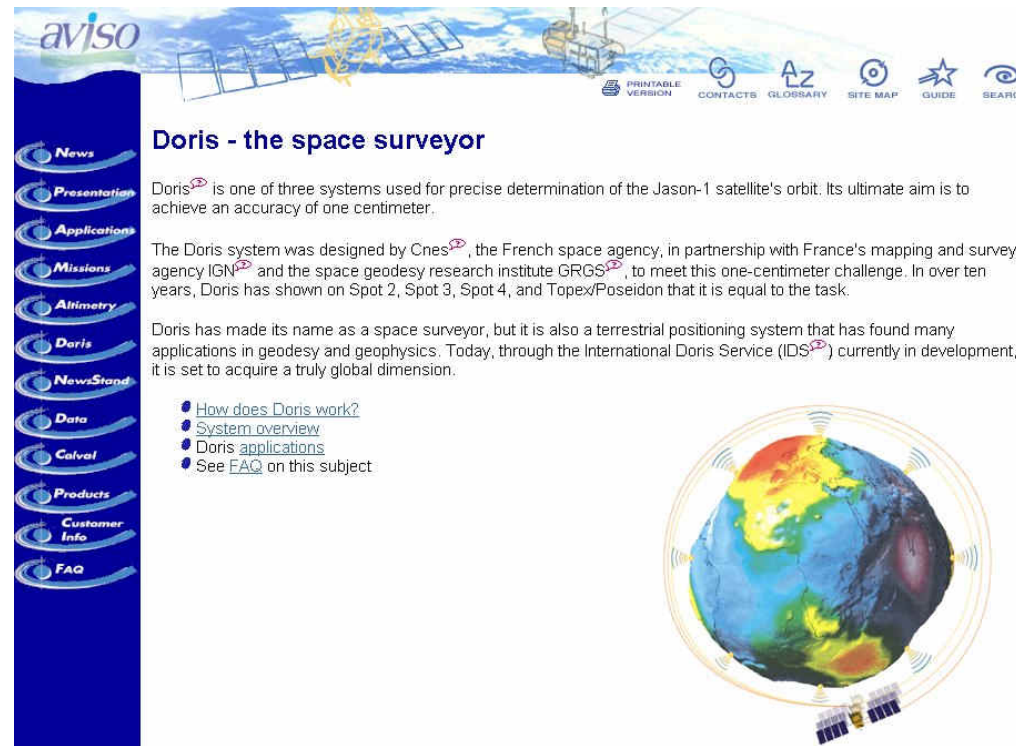
Links to ftp site



# DORIS web site

<http://www.jason.oceanobs.com/html/doris/>

The DORIS web site presents the system: principle, applications.  
Technical information to be added.



**aviso**

PRINTABLE VERSION CONTACTS GLOSSARY SITE MAP GUIDE SEARCH

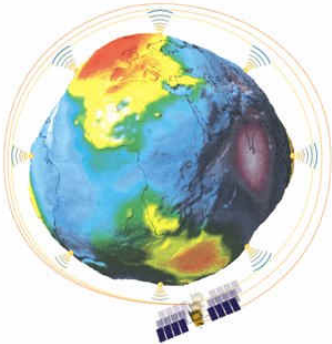
## Doris - the space surveyor

Doris<sup>®</sup> is one of three systems used for precise determination of the Jason-1 satellite's orbit. Its ultimate aim is to achieve an accuracy of one centimeter.

The Doris system was designed by Cnes<sup>®</sup>, the French space agency, in partnership with France's mapping and survey agency IGN<sup>®</sup> and the space geodesy research institute GRGS<sup>®</sup>, to meet this one-centimeter challenge. In over ten years, Doris has shown on Spot 2, Spot 3, Spot 4, and Topex/Poseidon that it is equal to the task.

Doris has made its name as a space surveyor, but it is also a terrestrial positioning system that has found many applications in geodesy and geophysics. Today, through the International Doris Service (IDS<sup>®</sup>) currently in development, it is set to acquire a truly global dimension.

- [How does Doris work?](#)
- [System overview](#)
- [Doris applications](#)
- See [FAQ](#) on this subject



> Click **All about DORIS / Official DORIS web site** on the IDS web site

# DORISmail system

## <http://list.ensg.ign.fr/www/arc/dorismail>


The DORISmail system is used to distribute messages of general interest to the users' community (160 subscribers).

The messages concern:  
Network evolution: installation, renovation...  
Data delivery: lack of data, maneuver files  
Satellite status  
Status of the Data centers  
Meeting announcements  
Calls for participation  
Product delivery by Analysis Centers  
...

The screenshot shows the DORISmail web interface. At the top, there are navigation links: Login, Prof, Your subscriptions, Home, and Help. The main header displays 'dorismail@ensg.ign.fr' and 'DORIS Mail list'. On the left side, there is a sidebar with buttons for 'List info', 'Subscribers: 160', 'Owners', 'IDS', 'Moderators', 'IDS', 'Subscribe', 'Unsubscribe', 'Archive', and 'Post'. The main content area features a search bar with a 'Search' button and an 'Advanced search' link. Below the search bar is a calendar for '04 2004' with a grid of days from 01 to 12. The current page is 'page n° 1 / 1' and offers 'Chronological' and 'Thread' views. A list of messages is displayed, including:

- No 0309 : 2004 IDS Plenary Meeting : preliminary program Gilles.Tavernier@cnes.fr
- No 0310 : Lack of SPOT5 data #71, JASON #77-78 Jean-Pierre.Granier@cnes.fr
- No 0311 : JASON I Mass memory failure Jean-Pierre.Granier@cnes.fr
- No 0312 : Station renovation at Cachoeira Paulista (Brazil) herve.fagard@ign.fr
- No 0313 : Mount Stromlo station (Australia) has risen from its ashes herve.fagard@ign.fr
- No 0314 : geocenter time series skuzin@inasan.rssi.ru
- No 0315 : Doris Plenary session: position paper Jean-Francois.Cretaux@notos.cst.cnes.fr

At the bottom, it says 'Archive powered by MhonArc 2.5.0b'.

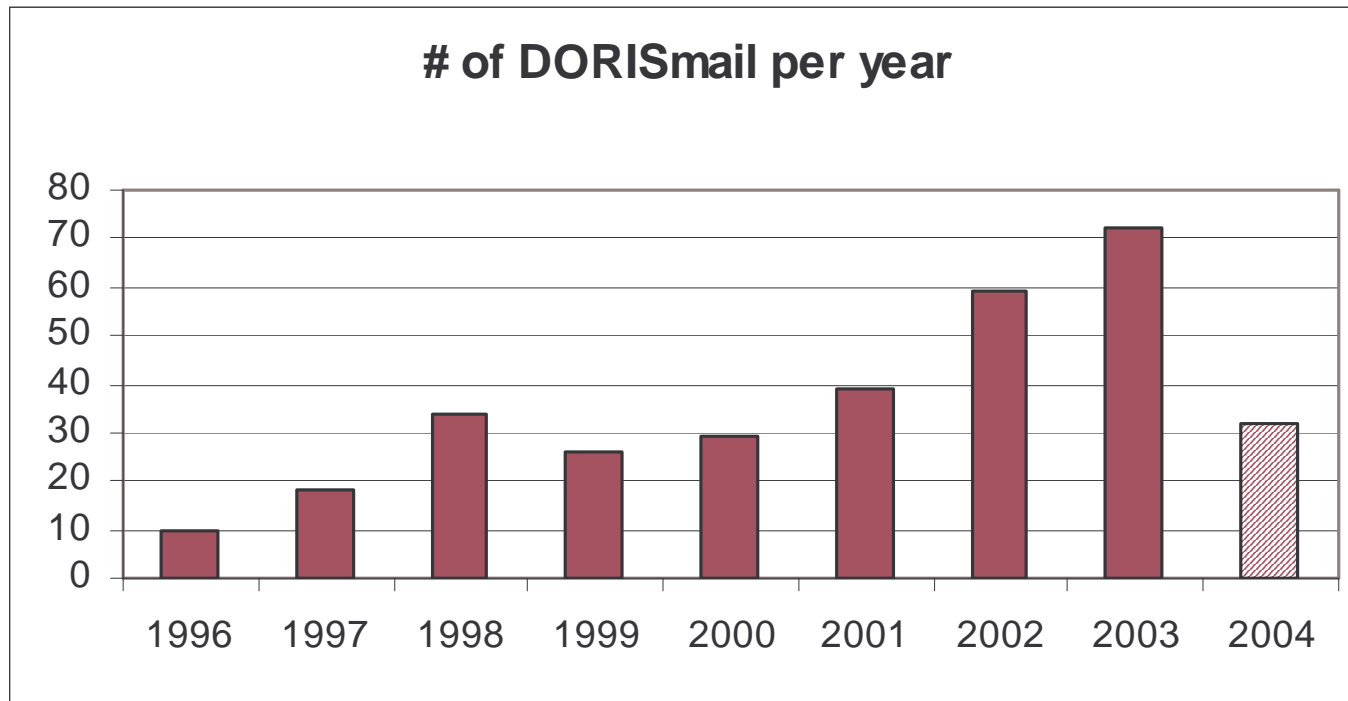
Powered by 

The mails are also available on text format on the IDS ftp site

> Click **Reports / DORISmail** on the IDS web site

# DORISmail system

<http://list.ensg.ign.fr/wws/arc/dorismail>



May 1996: start of the DORISmail service (IGN)  
July 1999: start of the DORIS Pilot Experiment  
July 2003: start of the IDS

319 mails at 27 april 2004

# Contacts

The contact point for every information requirement is the Central Bureau:

**IDS.central.bureau@cls.fr**

The Central Bureau will find a solution to respond to user's need.

A list of contact points has been defined for internal use depending on the kind of questions  
**SOD** (POE and data delivery to SSALTO Data Server for delivery to Data Centers)

**Preliminary Orbit MOE**

**Operational Localisation**

**Station selection group**

**Maintenance of the Network**

**Analysis Coordination**

**Data Flow Coordination (Data Centers)**

**IDS web and ftp servers**

**SSALTO data server**

**IDS representatives to IERS (Analysis and Network)**