

INTERNATIONAL DORIS SERVICE

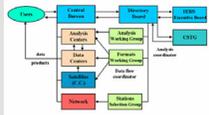


About IDS | Organization | Events | Data centers | Reports | Contacts & Links
All about DORIS

What's new on IDS (December 2001) | Site index | Glossary |
What's new on DORIS (December 2001)

("All about DORIS" pages will soon be moved to AVISO web site)

Organization



IDS | Site index | Glossary | All about DORIS

International DORIS Service

[About IDS](#) | [Organization](#) | [Events](#) | [Data centers](#) | [Reports](#) | [Contacts & Links](#)
[Terms of Reference](#) | [Structure](#) | [Call for participation](#) | [Contributors](#)
[Steering committee](#) | [Format's working group](#) | [Stations selection group](#)

- | | | | |
|--|---|---|--|
| Data Centers | Data & products format group | Stations Selection group | Analysis Centers |
| C. Noll (NASA GSFC)
E. Gahleitner (IGN) | J. Ries (Univ. of Texas)
J.P. Berthias (CNES)
W. Gartner (AULB)
C. Noll (CSFC)
P. Willis (JPL, ICN)
J. Valette (CLS) | K. Larson (Univ. of Colorado)
E. Calais (CNRS)
C. DeMets (Univ. of Wisconsin)
H. Fagard (IGN)
R. Gouin (A.S.L.G.)
B. Haines (JPL)
F. Lamorne (CSFC)
S. Stein (Northwestern Univ.)
S. Williams (Praxair Ocean Lab) | S. Tavean (NASAN)
R. Gouin (A.S.L.G.)
J. Dow (ESA/ESOC)
J. Kostelky (Obs. of Peony)
G. Kravinsky (IAA-RAS)
J. Ries (Univ. of Texas)
P. Moore (Univ. of Newcastle)
P. Willis (JPL, ICN)
R. Wainart (Royal Obs. of Belgium)
J.P. Berthias (CNES)
J.F. Cletoux (LEGOS/GRGS) |

Recent developments
(pages on line or under construction)

CDRS is ready to accept DORIS products
 See also http://cdrs.gsfc.nasa.gov/cdrsa_summary.html

Data format including new DORIS instrument capability (dual-channel and phase)
 DORIS Sinec
 See also <http://physgeophysics.colorado.edu/~kristin@doris.html>

Stations coordinates times series calculated
 A DORIS beacon is going to operate in December 2001 at Sorsdall on the Lambert glacier, Antarctica.
 A proposal to compare solutions for the stations coordinates

Doc & Ref.

- ES Documents
- Steering Committee
- Format's Working Group
- DORIS-Data 2001 presentation
- DORIS mails
- URL references
- ES FTP server
- DORIS-Datacenter
- Meetings

News



Jason-1, the 5th satellite with DORIS on-board. 7/12/2001



December, 2001, a DORIS beacon at Sorsdall near Davis australian Antarctic base (resp. R. Govind Auslig)

IDS on web

J.J. Valette, L. Soudarin (CLS)

G. Tavernier, J.P. Granier

C. Noll (NASA GSFC)
K. Larson (Univ. of Colorado)

J. Ries (CSR Univ. of Texas)
H. Fagard (IGN), P.



FTP server : a help for the analysis

Welcome to the IDS FTP server (<http://ftp.cls.fr/pub/ids/>)

The IDS ftp server tries to give general and technical information on the International DORIS Service. Data and products cannot be found here but on the Data Centers (http://ids.cls.fr/html/data_centers.html).

Directory file Information

(examples)

center/ Strategy of analysis

center/data/
center/analysis/bn/inform.acn
center/ssalto/

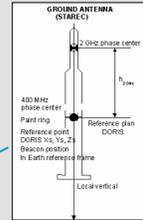
data/
data/format/

station/
antennas.pdf
station/host-agencies.txt
station/colocations.txt

general/
general/system/system-events.txt
general/system/doris-tutorial.txt

satellite/
mail/
product/
resource/
workgroup/

.....



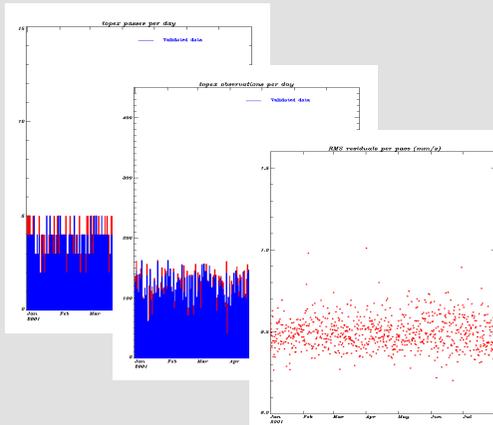
Geometry of the ground antennas

Table of the 30 host agencies
Network station colocations to other techniques

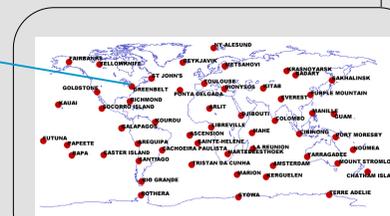
Chronological table of events

Date	Origin	Consequence	Element	Description
2001/11/26 14:57:30	On board	All data available	DORIS/TOPEX	Orbit Maintenance Manover
2001/11/20 01:13:51	On board	All data available	DORIS/SPOT2	Orbit Maintenance Manover (end 2001/11/22 01:34:02 TAU)
2001/11/19 01:43:54	On board	All data available	DORIS/SPOT4	Orbit Maintenance Manover (end 2001/11/19 01:35:01 TAU)
2001/11/01 01:16:57	On board	All data available	DORIS/SPOT2	Orbit Maintenance Manover (end 2001/11/01 01:08:02 TAU)
2001/10/30 10:39:25	On board	All data available	DORIS/SPOT4	Orbit Maintenance Manover (end 2001/10/30 01:19:25 TAU)
2001/10/24 01:03:00	On board	All data available	DORIS/TOPEX	DORIS DOPPLER instrument nominal mode with beacon frequency pre-positioning (end of DORIS incident recovery)
2001/08/17 22:35:00	Ground	Less data available	DORIS/SPOT2	No data from 11/09/2001 22:30:00 to 15/09/2001 00:15:00 (Acquisition station maintenance 15/09/2001 from 10:38 to 10:49)

A similar file is under development for the stations



A problem to process a station?



Select a station

aviso

CONTACTS | GLOSSARY | DATA MAP | GROUND | SATELLITE

Doris - the space surveyor

Doris[®] 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 CNRS[®], the French space agency, in partnership with France's mapping and survey agency IGN[®] and the space geodesy research institute GRGS[®]. 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[®]) currently in development, it is set to acquire a truly global dimension.

- System overview
- Doris applications
- See [ESA](#) on this subject

AVISO becomes the official DORIS web site

DORIS/SSALTO daily status

(pages in preparation)

SSALTO : the new multi-mission altimetry, orbit determination and location ground segment

Data validation and residuals

Select a satellite

