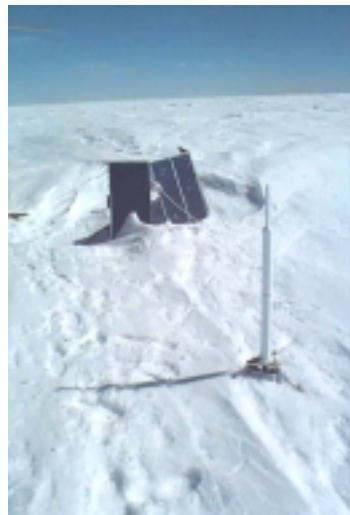


INTRODUCTION & DORIS PILOT EXPERIMENT STATUS



G. Tavernier (CNES)
M. Feissel (Paris Observatory and IGN)
F. Lemoine (GSFC)
C. Noll (GSFC/CDDIS)
J. Ries (UTEX/CSR)
L. Soudarin (CLS)
P. Willis (IGN/LAREG)

CDDIS
Crestal Dynamics Data Information System



DORIS Pilot Experiment: history

- ➔ 4 techniques contributing to the IERS

- ➔ International Services
 - I.G.S.
 - I.L.R.S.
 - I.V.S.

- ➔ IUGG, July 1999, Birmingham
 - CSTG Executive Committee and IERS Directing Board
 - DORIS Pilot Experiment

- ➔ Call for Participation : 09/99

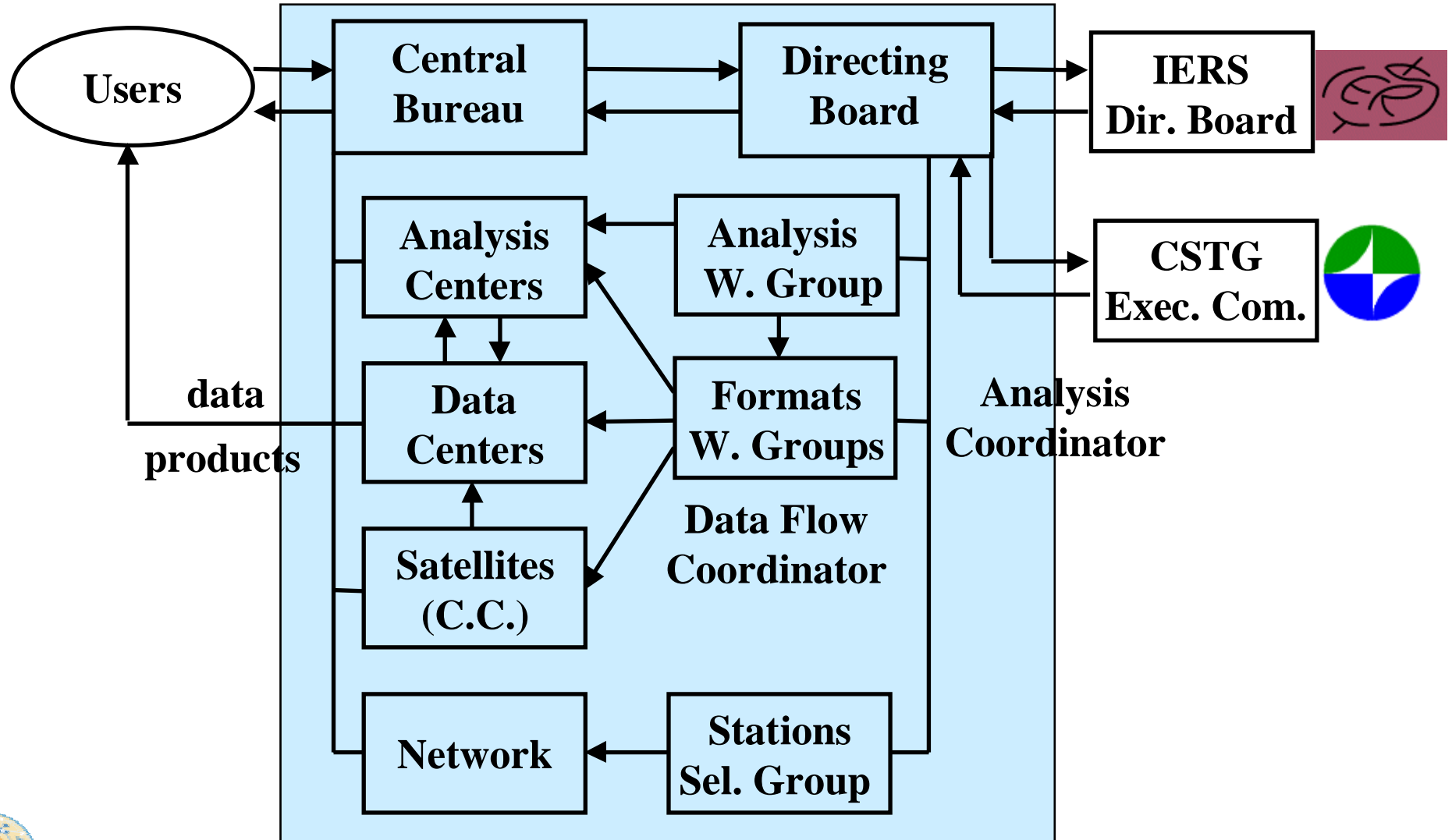


DORIS Pilot Experiment: objectives

- ➔ Assess the need and feasibility of an **International DORIS Service**
 - at least 2 global Data Centers (2 countries)
 - products to be initially considered
 - operational nature of the Central Bureau
 - opportunities : new stations and additional receivers



THE STRUCTURE



DORIS Pilot Experiment

- ➔ Steering Committee
- ➔ Central Bureau
- ➔ Data Centers
 - June 13: Session 1
- ➔ Analysis Centers
 - June 13: Session 4
 - June 13: Poster Session
 - June 14: Analysis Workshop
- ➔ Stations
 - June 13: Session 1
- ➔ Satellites



Steering Committee

- ➔ Gilles Tavernier CNES Gilles.Tavernier@cnes.fr
 Chairperson
- ➔ Martine Feissel Paris Observatory and IGN feissel@ensg.ign.fr
 Analysis coordinator
- ➔ Frank Lemoine NASA GSFC flemoine@ishtar.gsfc.nasa.gov
 Stations Selection Group Chairperson
- ➔ Carey Noll NASA GSFC noll@cddis.gsfc.nasa.gov
 Data Flow coordinator
- ➔ John Ries University of Texas CSR ries@csr.utexas.edu
 DORIS representative to IERS
- ➔ Laurent Soudarin CLS Laurent.Soudarin@cls.fr
 Central Bureau Web server
- ➔ Pascal Willis IGN LAREG pascal.willis@ensg.ign.fr
 DORIS representative to IERS



Central Bureau

➔ CNES/IGN/CLS

- Jean-Pierre Granier, Gilles Tavernier
- Laurent Soudarin, Jean-Jacques Valette
- Hervé Fagard, Pascal Willis

➔ Website : <http://ids.cls.fr>



Data flow coordination Data Centers

➔ Carey Noll

NASA GSFC

USA

➔ Data Centers :

- NASA GSFC CDDIS - USA

Carey Noll

◆ http://cddisa.gsfc.nasa.gov/cddis_welcome.html



- IGN (under construction)

Edouard Gaulué

◆ <http://lareg.ensg.ign.fr/DORIS>



Analysis coordination

➔ Martine Feissel Paris Observatory and IGN France

➔ 2002 Analysis campaign

- June 13: Session 4
- June 13: Poster Session
- June 14: Analysis Workshop

➔ <http://lareg.ensg.ign.fr/IDS/>



Stations Selection Group

➔ Frank Lemoine Chairperson	GSFC	USA
➔ Eric Calais	CNRS	France
➔ Chuck DeMets	University of Wisconsin	USA
➔ Hervé Fagard	IGN	France
➔ Ramesh Govind	AUSLIG	Australia
➔ Bruce Haines	JPL	USA
➔ Kristine Larson	University of Colorado	USA
➔ Simon Williams	Proudman Ocean. Lab.	UK

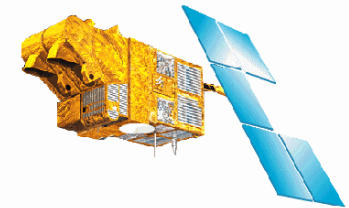
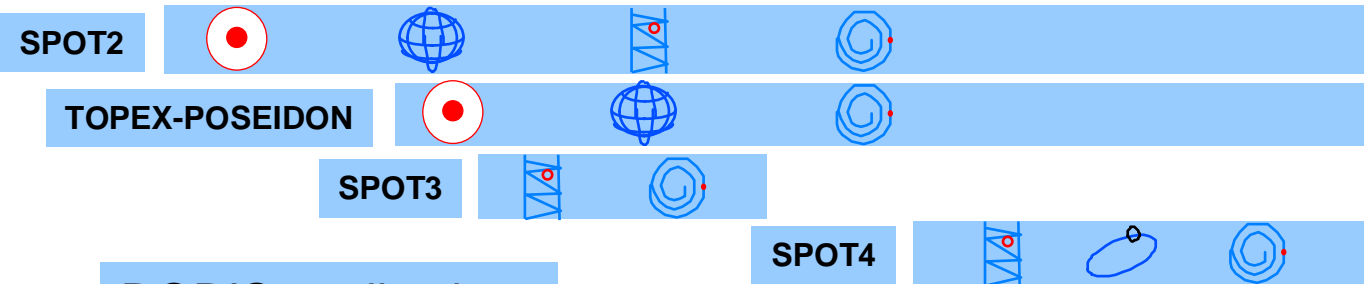


DORIS Network









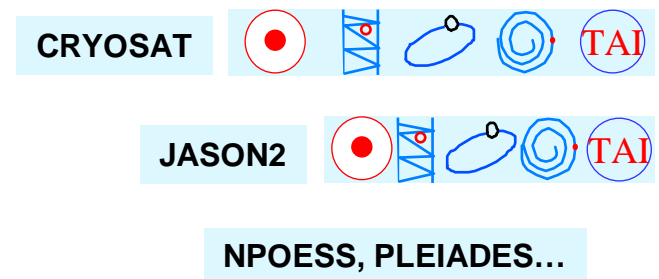
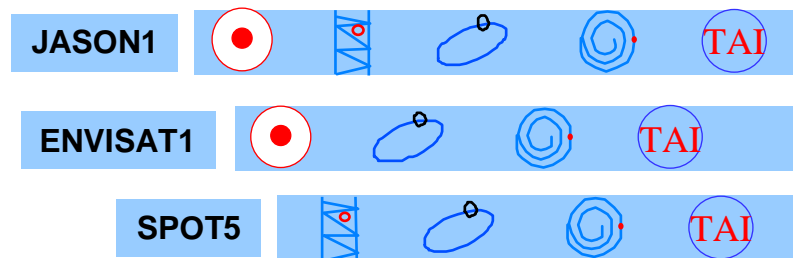
Satellites

90 91 92 93 94 95 96 97 98 99 2000 01 02 03 04 05 06 07



DORIS applications

-  Orbit determination
-  Gravity field
-  Earth rotation
-  Localization
-  On-board orbit
-  Dating



IDS Workshop Program - June 13

- ➔ 09h00 -10h30 **SESSION 1: DORIS Pilot Experiment - IDS**
- ➔ 10h30 - 11h00 *Coffee break*
- ➔ 11h00 - 12h30 **SESSION 2: Orbits and related products**
- ➔ 12h30 - 14h00 *Lunch (La Rotonde)*
- ➔ 14h00 - 15h40 **SESSION 3: DORIS analysis results**
- ➔ 15h40 - 16h10 *Coffee break*
- ➔ 16h10 - 16h30 **SESSION 4: IDS analysis campaign**
- ➔ 16h30 - 18h00 **POSTER SESSION**



IDS Workshop Program - June 14

➔ 09h00 - 12h00 Analysis workshop

- DORIS data analysis: technical discussions

➔ 14h00 - 16h00 Network workshop

- *Président / Chair:* H. FAGARD, IGN



From the Pilot Experiment to the International DORIS Service

➔ Needs, expectations & priorities

- what are the questions that the Pilot Experiment should answer?
- what are the issues for which an IDS is needed?
- data: raw/preprocessed, format, delivery...
- products: format, data processing...
- network, stations
- satellites

➔ 2003 IUGG General Assembly

- Sapporo, Japan, June 30, July 11 2003
- CSTG Executive Board, IERS Directing Board
- International Service candidate?

