



# DORIS PILOT EXPERIMENT

St Petersburg, Florida, USA

November 5, 2004

Page 1

## GOVERNING BOARD MEETING St Petersburg, Florida, USA, November 5, 2004

### **AGENDA:**

- Annual report
- Analysis campaign
- 2005 meeting
- Analysis Coordination
- Analysis Centers
- IERS
- IAG
- IDS organization
- Stations selection group

### **MAIN DECISIONS :**

- \* Annual report, 2005 meeting

### **ATTENDEES:**

Governing Board: Martine Feissel, Frank Lemoine, John Ries, Laurent Soudarin, Gilles Tavernier, Pascal Willis

Guest

### **Annual report**

In order to prepare the IDS Annual Report, an organization was proposed in an email (september 16) :

We have to think about the IDS Annual Report 2004 (July 2003 to December 2004?).  
We could follow the IVS example (see  
<http://ivscc.gsfc.nasa.gov/publications/ar2003/>):

- preface by the Central Bureau
- IDS Coordination
  - Data flow coordination (Carey)
  - Analysis coordination (Martine)
  - Stations Selection Group (Frank)
- Network Stations (Hervé)
- Data Centers (Carey and Edouard)
- Analysis Centers
  - IGN/JPL (Pascal)
  - CLS/LEGOS (Laurent)
  - ...
- IDS information (Central Bureau)
- References and publications (published articles : all)

Each IDS component should prepare a 2 pages contribution + illustrations and should have a preliminary version available on December 31.



# DORIS PILOT EXPERIMENT

St Petersburg, Florida, USA

November 5, 2004

Page 2



	<p>This Annual Report would be available on the web site but we could also have a paper version. An option would be to prepare a small flyer (3-4 pages) mentioning all participating institutions.</p> <p>The distribution list should include :</p> <ul style="list-style-type: none"> <li>- IAG, IERS, CNES, IGN, NASA, UTEX</li> <li>- DORISMail mailing liste (160 persons)</li> <li>- stations</li> </ul> <p>Martine Feissel-Vernier and Hervé Fagard (IDS representatives to the IERS) will prepare the IDS contribution to the IERS Annual Report.</p>	
<p><b>Analysis campaign</b></p>	<ul style="list-style-type: none"> <li>- The IDS "Grace" campaign report might be rather big (around 50 pages):             <ul style="list-style-type: none"> <li>- it will be available on the IDS web site</li> <li>- the Central Bureau could print it as "IDS Technical Report No 1"</li> <li>- it could also be included in the annual report (but it might be too big).</li> </ul> </li> </ul>	
<p><b>2005 Meeting</b></p>	<p>In order to organize an Analysis Workshop, we need 2-3 Analysis Centers providing time series to IERS, allowing to perform comparisons and combination</p> <p>When will new Analysis Centers be able to provide time series?</p> <ul style="list-style-type: none"> <li>- CLS/LEGOS : by the end of the year</li> <li>- Geoscience Australia?</li> </ul> <p>A meeting in October/November 2005 (OSTSTM) could be the opportunity to realize a combined solution as an official IDS solution with at least 3 contribution Analysis Centers: IGN/JPL, CLS/LEGOS and Geoscience Australia.</p> <p>The proceedings could be published: Journal of Geodesy, Journal of Geodynamics...</p> <p>A member of the Governing board could coordinate the preparation as Guest Editor</p> <p>P.Willis, J. Ries and F. Lemoine will investigate the feasibility of a DORIS Special Issue related to the future IDS workshop.</p>	<p>P.Willis, J. Ries, F. Lemoine</p>
<p><b>Analysis Coordination</b></p>	<p><b>Plans for 2005</b></p> <ul style="list-style-type: none"> <li>- Try to have 3 Analysis Centers</li> <li>- IERS Directing Board Meeting             <ul style="list-style-type: none"> <li>- 2 proposals for combination : Z. Altamimi and M. Rotacher</li> <li>- ITRF 2004 : using time series</li> <li>- Call for proposal: 2 steps</li> <li>- IDS contribution : combined solution or individual solutions ?</li> <li>- Possible combination at CLS using CATREF (Z. Altamimi)</li> </ul> </li> <li>- Scale problem to be clarified (+2.5 ppb –2.5 ppb?)</li> </ul>	



# DORIS PILOT EXPERIMENT

St Petersburg, Florida, USA

November 5, 2004

*International DORIS Service*

Page 3

	<ul style="list-style-type: none"> <li>- CLS/LEGOS could process FIMBI33 and CDDIS formats measurements and check if they find different scales</li> <li>- What about the scale in Ramesh's solution ?</li> </ul> <p>- Thanks to CNES financial support LAREG could perform general combinations including orbits : K. Le Bail using CATREF (Z. Altamimi) and D.Coulomb (PhD with P. Exertier).</p> <p>Martine Feissel-Vernier will retire in september 2005 : we owe her a lot but we will have to find a successor.</p>	
<p><b>Analysis Centers</b></p>	<p><b>CLS/LEGOS</b></p> <ul style="list-style-type: none"> <li>- preparing new series using SPOT2, 4 and 5, TOPEX/POSEIDON and ENVISAT</li> <li>- 2004 delivery by the end of the year</li> <li>- 1993 --&gt; 2003 delivery : beginning of 2005</li> <li>- then regular deliveries</li> </ul> <p><b>Geoscience Australia</b></p> <ul style="list-style-type: none"> <li>- 1997-2004 time series using TOPEX/POSEIDON, SPOT2 and ENVISAT (SPOT4 just delivered by F. Lemoine) : by the end of the year?</li> <li>- M. Feissel-Vernier will send an email to R. Goving to tell him that we would appreciate Geoscience Australia to submit some solution quickly (regular deliveries as a second step)</li> </ul> <p><b>DORIS Core network for geodetic applications</b></p> <ul style="list-style-type: none"> <li>- DORIS Core network for POD (as presented to OSTST) as a starting point</li> <li>- G. Tavernier will send an email to H. Fagard to remind him the IDS action: proposal available within 3 months (February 15<sup>th</sup> 2005)?</li> </ul> <p><b>Stcd files</b></p> <ul style="list-style-type: none"> <li>- reminder : in the file naming convention, the year of submission is the year of the first submission</li> <li>- L. Soudarin (Analysis Coordination) uses CATREF to extract stcd files from SINEX : 1 or 2 IGN series ? (direct delivery from P. Willis, CATREF output from L. Soudarin)</li> <li>- Whatever the solution, it should be robust, accurate and delivered on a timely basis</li> <li>- M. Feissel-Vernier, L. Soudarin and P. Willis will investigate the differences found between the differents stcd files produced from the IGN/JPL time series, using CATREF or Gipsy</li> </ul>	<p>M. Feissel-Vernier</p> <p>G. Tavernier</p> <p>M. Feissel-Vernier, L. Soudarin, P. Willis</p>
<p><b>IERS</b></p>	<p><b>IERS Advisory Board for the IERS Conventions Update</b></p> <ul style="list-style-type: none"> <li>- in order to provide the Conventions Center with advice regarding future directions for the Conventions update, the IERS Directing Board decided the formation of an "Advisory Board for the IERS Conventions Update". This is not intended to replace the Editorial Panel of scientists that have shared the task of writing chapters, software etc... for the Conventions (2003), but rather to consider the needs of IERS users and how they might be reflected in the next edition of the Conventions.</li> </ul>	



# DORIS PILOT EXPERIMENT

St Petersburg, Florida, USA

November 5, 2004

*International DORIS Service*

Page 4

	<ul style="list-style-type: none"> <li>- Jim Ray has offered to lead this Advisory Board</li> <li>- the IERS Conventions Center is asking each Service /Center to name at least one member to be active in the Advisory Committee</li> <li>- J. Ries has been appointed as ILRS representative</li> <li>- the Governing board agrees to appoint F. Lemoine as IDS representative to this Advisory Board</li> </ul>	
<p><b>IAG</b></p>	<p><b>IAG GGOS Working Groups</b></p> <ul style="list-style-type: none"> <li>- at the GGOS meeting in Nice on 24 April 2004, the GGOS Working Groups were set up with an initial list of members and initial 'leads'. For the WG "Copyright, Data Access Policy, Publishing, Certification" (CDPC-WG), Hans-Peter Plag was asked to lead this group initially.</li> <li>- in order to start the work, Hans-Peter Plag is planing to organise a meeting of the WG during the upcoming AGU meeting in San Francisco.</li> <li>- as P. Willis will attend IAG, he will represent IDS at this meeting</li> <li>- the Governing board agrees to appoint P. Willis as IDS representative to this Working Group</li> </ul>	
<p><b>IDS organization</b></p>	<p><b>Elections organization</b></p> <p>The Central Bureau will clarify the voting procedure:</p> <ul style="list-style-type: none"> <li>- who could vote (list proposed by the CB to the GB ?)</li> <li>- the DORISMail mailing list could help to select voting members</li> <li>- if necessary a DORISMail can be sent mentioning that we need nominations for xxx positions. Within one month, you can propose yourself or somebody else.</li> <li>- then we would ask to possible candidates wether they agree to be candidates</li> <li>- the list of candidates would be sent to the « members »</li> <li>- one person should be responsible of the election : R. Noomen ?</li> <li>- J. Ries will ask to C. Noll how to proceed</li> </ul> <p>As Martine Feissel-Vernier will retire in september 2005, we may need an election to replace her.</p> <p><b>DORIS Reports, DORIS Forum</b></p> <ul style="list-style-type: none"> <li>- they started recently and are useful</li> <li>- J. Ries should be added to the DORIS Forum list as a moderator</li> </ul>	<p>Central Bureau</p> <p>J. Ries</p>
<p><b>Stations selection group</b></p>	<p>Communication within this group needs to be improved: it is difficult to get answers except from H. Fagard.</p> <p>Tim Dixon (RSMAS, Miami) could be invited to be a new member</p>	