



**GOVERNING BOARD MEETING**  
**AGU San Francisco, December 17, 2008**

**AGENDA:**

- GB election
- DORIS instruments: status of satellites, future missions
- Network, status of beacons, future stations/ New IDS/DORIS ground station
- Data Centers: Jason-2 data (RINEX & 2.2), quaternions...
- IDS web pages
- ITRF 2008 schedule : Analysis Centers, combination
- DORIS special issue in Advances in Space Research 2009
- Review of actions items
- IDS report for 2005-2008
- IVS anniversary (2009)
- Next GB Meeting

**MAIN DECISIONS :**

- 



**ATTENDEES:**



Governing Board: Frank Lemoine, Carey Noll, John Ries, Laurent Soudarin, Gilles Tavernier, Pascal Willis, Carey Noll

Guest: Pascale Ferrage

<b>GB election</b>	<p>Election of the new Governing Board: the new Governing Board for the 2009-2012 term is:</p> <ul style="list-style-type: none"> <li>- Data Centers representative: Carey Noll (NASA/GSFC)</li> <li>- Analysis Centers representative: Pascal Willis (IGN/IPGP)</li> <li>- Analysis Coordinator: Frank Lemoine (NASA/GSFC)</li> <li>- Network representative: Herve Fagard (IGN)</li> <li>- Member at large: John Ries (UTEX/CSR)</li> <li>- Member at large: Pascale Ferrage (CNES)</li> <li>- Director of the Central Bureau: Laurent Soudarin (CLS)</li> <li>- Representative of the IERS: Ron Noomen (Delft University of Technology)</li> <li>- Representative of the IAG: Michiel Otten (ESA/ESOC)</li> </ul> <p>This was the last GB meeting for Gilles, thanks to him for all his effort and the time spent for IDS creation and succesfull development from 1998 to end of 2008!</p> <p>Next step : election of the new chairperson. Anyone can be candidate. With the support of the Central Bureau, this is mainly a coordinating role and a representative role (GGOS Steering Committee for instance).</p>	

<p><b>DORIS instruments: status of satellites, future missions</b></p>	<p>- see last GB Minute of meeting (Nice –Nov2008)</p>	
<p><b>Network: status of beacons, future stations</b></p>	<p><b>About new “IDS station”:</b></p> <p><u>1/ Discussion about subsidence in <b>Tamanrasset</b> area:</u></p> <p>Indeed a nearby GPS showed a strong subsidence. Answers to the following questions have to be found:</p> <ul style="list-style-type: none"> <li>- magnitude of this subsidence, how close is the nearby GPS station?,</li> <li>- will it be an IGS station?</li> <li>- What is that subsidence due to ?</li> </ul> <p>Then, regarding to the answers, the justification of this location for an IDS station will be re-evaluated. (to be discussed in next GB)</p> <p>=&gt; See Frank's email 22/12 [ids.cbgb] Proposed DORIS Station at Tamanrasset and 24/12 [ids.cbgb] DORIS station at Tamanrasset - update</p> <p><u>2/ For new IDS station implementation</u>, CNES DORIS project expects scientific and technical arguments from IDS, to give a decision about new station implementation and maintenance.</p> <p><b>About IDS beacon available for IDS:</b> Today, one beacon is in stock for IDS.</p>	<p>GB members</p>
<p><b>Data Centers</b></p>	<p><b>RINEX filename convention:</b></p> <p>The Central bureau will propose to DC a new filename convention (less confusing)</p> <p><b>QUATERNIONS files:</b></p> <p>In the same time, the BC will propose filename and archive directorate name for the JAS1 &amp; JAS2 quaternions file.</p> <p>Archives quaternions are now all available in AVISO ftp site, and the current quaternions will be sent to DC by the SD as soon as the corresponding modification is implemented (may be in February). DC will be informed in the same time for archives and current files getting.</p> <p>The corresponding file format description will also be available in the IDS website Jason Ground Segment Interfaces. (TP2-JS-IF-600-CNES. Jason Ground Segment Interfaces., OSTM/Jason-2 Ground System Interfaces TP3-JS-IF-200-CNES)</p> <p>For Envisat: remaining action to find format description and send one file example to Frank (see action ..)</p> <p><b>Missing data files on DC:</b></p> <p>Pascal and Laurent have noticed missing data or truncated files for several satellites (almost SPOTs) in different periods.</p> <p>BC will list for all satellites the concerned periods (missing or corrupted data), then Pascale will plan with SOD team a re-processing in the adequate format.</p> <p>BC proposes to maintain and to complete this list with all problems on</p>	<p>BC</p> <p>BC</p> <p>BC</p>

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	<p>satellites encountered and reported by the ACs.</p> <p><b>Orbit file name on DC:</b> AC put generally orbit file in SP1 format. Some of them (coming from Frank) have an other filename/format convention. <b>Frank will send to BC the corresponding filename/format convention.</b></p>	<p>BC + AC</p>
<p>IDS web pages</p>	<p>Need to update <b>what's new</b> pages: may be put them in home page, and add AC news in them (ITRF2008 preparation).</p> <p><b>STCD pages</b> are the most viewed, the acces and the use of the time series should be more attractive:</p> <p><b>First, all AC should send time series using the same reference (a priori) such as DP0D2005.</b></p> <p><b>Then, implementation of tools to display and compare different time series, could be very useful</b> (see IGS web)</p>	<p>ACs</p> <p>BC</p>
<p>AC coordination and / ITRF 2008 schedule</p>	<p>Status of AC contribution to ITRF2008 : see annex 1</p> <p>LCA shall still remove atmospheric loading from its solutions.. The work for combination is important, J.Jacques and P. Yaya (CLS) have to test and study each AC solutions before performing a combined solution. Jean Jacques will work full time on it until EGU (End of April).</p> <p>Then, according to the feedback on that work, the GB should discuss about the need to involve more than 1 group in combination computation. This would be more compliant wrt the deadline objectives, and would improve knowledge and experience thanks to exchanges between the different groups.</p>	
<p>DORIS special issue in Advances in Space Research 2009</p>	<p>About 25 papers are foreseen. Pascal will send a new Doris mail for submissions.</p>	
<p>IDS report for 2003-2006 And 2006-2008</p>	<p>The report (2003-2005) is on line.</p> <p>The next report (2006-2008): Call for participation has been sent by CB to all IDS components: <b>Expected deadline 16<sup>th</sup> January 2009 :</b></p> <ul style="list-style-type: none"> <li>-Organisation (G. Tavernier)</li> <li>-Central Bureau (L. Soudarin)</li> <li>-Data Flow Coordination (C. Noll)</li> <li>-System and missions (P. Ferrage)</li> <li>-Network (H. Fagard)</li> <li>-Analysis Coordination (F. Lemoine)</li> <li>-Analysis Centers: <ul style="list-style-type: none"> <li>CNES/CLS (L. Soudarin)</li> <li>ESA/ESOC (M. Otten)</li> <li>Geodetic Observatory of Pecny (P. Stepanek)</li> <li>Geoscience Australia (R. Govind)</li> <li>IGN/IPGP (P. Willis)</li> <li>INASAN (S. Kuzin)</li> <li>NASA/GSFC (F. Lemoine)</li> <li>University of Newcastle (P. Moore)</li> </ul> </li> </ul> <p><b>In order to send a copy of the next IDS report to the organism (host agency,</b></p>	

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<p><b>Review of actions items</b></p>	<p>IAG, IERS, IGS, ..) BC will prepare an address list to be approved by GB</p> <p>See action list table (joined excel file)</p>	<p>BC</p>
<p><b>IVS anniversary (2009)</b></p>	<p>Will take place in Bordeaux the Wednesday 25<sup>th</sup> of March, and presentations from IDS are expected.</p> <p>F. Lemoine will participate. → the next IDS WG meeting in Paris should be planned at the same period.</p>	
<p><b>Next IDS Meetings</b></p>	<p><b>The Next IDS WG meeting:</b> is planned on monday/tuesday 23<sup>th</sup>-24<sup>th</sup> of March 2009 in Paris: <b>Pascal will book a room in the bureau des longitudes in Paris.</b></p> <p><b>A GB meeting</b> could take place in the monday morning at 10 (Chairperson election).</p> <p><b>A next GB meeting</b> (if needed) will take place during EGU meeting (19-24<sup>th</sup> of April 2009)</p> <p><b>Next IDS workshop in 2010</b> : to be organized jointly with next OSTST meeting or other (like Cryosat2 meeting for example)</p>	<p>P. Willis</p>

## ANNEX1 STATUS of ITRF 2008

### SINEX Dataset for ITRF2008 (Dec. 2008)

- *Weekly solutions (station positions, EOPs per day)*
- *Loosely constraints (LC) or Free singular equations (NEQ)*

<b>AC</b>	<b>software</b>	<b>Type</b>	<b>EOPs</b>	<b>Data span</b>	<b>Combin. Status</b>
LCA	GINS/DYNAMO	LC	Pos	2002-2007	processed
GOP	BERNESE	LC	Pos	2003-2006	processed
INA	GYPY/OASIS	LC	Pos, rate, UT, LOD	2005-2006	processed
IGN	GYPY/OASIS LC		Pos, rate, UT, LOD	1993-2008	processed
ESOC	NAPEOS	NEQ	Pos & rate	2005-2006	processed

#### ESA/ESOC

*Solutions loose constraints with & without Jason-1 (under testing)  
10 years at mid-Jan.*

#### LCA

*1998-2002 re-processed not yet delivered  
1992-1997 orbits processed, solutions to be generated  
Atm. Loading correct. (in Jan.)*



**International DORIS Service**

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Inasan (?)

Geosc. Australia

*Positive test of new sinex with CoM/Antenna corrections  
2007 delivered but remaining pb*