

**Minutes of  
IAGA Working Group V-DAT Business Meeting,  
Melbourne Convention and Exhibition Center,  
Monday, 4 July 2011, 12:00 – 13:30, MR 206**

~50 present

### **1. IAGA Index Status & Other Reports:**

#### **M Nose (Kyoto: AE,Dst,QL-Dst,QL-AE)**

Nose, gave an update on the status of the DST and AE index, Kyoto. Everything is currently OK with the data provision, however only 8-12 stations data are used in the derivation of the provisional AE index. Digital data are available on the Kyoto web-site.

#### **HJ Linthe (GFZ, Potsdam: Kp,Ap,Cp,QD)**

For Kp 79.5 years of data available. Information on the definitive data for the above is available on their website.

Report on behalf of the INTERMAGNET to modify the IAGA2002 Format to add G as a valid magnetic element and to add a data type for the Quasi definitive data and will work with WGV.DAT to identify a flag for the same.

#### **M Menvielle (ISGI: am, aa)**

The index production is OK ; aa definitive values derived and made available on line (ISGI Internet homepages) about 6 weeks after the end of the month

#### **J. Matzka (DTU, PCN index)**

DTU requests for an extension of two years for application of endorsement of PC index to IAGA

### **2. Discussion Items:**

#### **PC index Task Force Proposition:**

- Accepts the requested 2-year delay;
- Encourages applications before 2011, Dec. 31st from institutes to host the PC Index to the Task Force and WG V-DAT;
- The Task Force encourages the institutes involved in deriving the PC to reach agreement on a single methodology for derivation.
- During 2012, the Task Force will organize at least one forum (i.e. at EGU and / or AGU) dedicated to technical discussion on the PC index and any proposals;
- Based on the results of these meetings, the PC Task Force will make a final recommendation on the PC Index to the V-DAT Working Group by May 30, 2013 and this recommendation will be published on the V-DAT web site.
- The Task Force will present this recommendation to the next IAGA Scientific Assembly;

### **3. Election of new officers**

- V-DAT Chair: Dr Renata Lukianova (AARI, St Petersburg) –
- V-DAT Vice-Chair:, Dr M. Nose(WDC, Kyoto).

#### 4. Resolutions

1. IAGA, *recognising*

the importance of the Polar Cap index (PC) to the Scientific Community and wishing to avoid confusion on any IAGA approval / endorsement

*encourages*

the Institutes involved in determining PC index to resolve discrepancies in methodology and

*urges*

the Institutes to adopt a common derivation procedure

2. IAGA, *recognising*

the value of quasi-definitive data from magnetic observatories for many scientific and space-weather missions adopted a resolution encouraging magnetic observatories to generate these data (*Resolution 5, 11th Scientific Assembly, Sopron, Hungary, 2009*),

*noting*

that INTERMAGNET has since adopted a recommended methodology for deriving quasi-definitive data,

*encourages*

magnetic observatories to produce quasi-definitive data in accordance to the INTERMAGNET-recommended methodology

#### 5. IAGA2009 Sessions

Polar Cap indices: uses, derivation and meaning (half day) (Task Force members)

The use of Geomagnetic observations in conjunction with Lidar, Radar and other measurements for ionospheric studies. (JJ Curto / M Nose and S Gurubaran)

Influence of Space Climate on Geomagnetic environment (Monika Korze and Manoj Nair)

#### 6. Any Other Business

None as time had expired.