

**Business Meeting WG V-DAT
Tue, 27 August 2013, 12:30 – 13:30, Room “Merida”, Fiesta Americano, Merida,
Mexico**

- 1) Status of IAGA indices**
- Kp** (J. Linthe, GFZ)
 - am, aa** (A. Chambodut, ISGI)
 - AE, Dst** (M. Nose, Kyoto Un)

Kp is in a good health



am and aa are in good health

ISGI computers were moved to the new LATMOS site

Dst is in good health

AE is now calculated using 12 auroral stations

The near- real time and archived data are freely available – all indices

- 2) ISO document regarding the geomagnetic indices
(M. Nose, Kyoto Un)**



The document can be downloaded from:

http://www.iso.org/iso/catalogue_detail.htm?csnumber=57451

ISO 16698:2013
**Space environment (natural and artificial) --
Methods for estimation of future geomagnetic
activity**

Media and price

Format	Price	Language	
PDF	CHF 108,00	English	Add to basket
Paper	CHF 108,00	English	Add to basket
ePub	CHF 108,00	English	Add to basket

Contact customer services
[Send your enquiry by email](#)
or call us on +41 22 749 08 88
09:00 – 12:30, 14:00 – 17:00
(UTC+1)

Related standards

- 3) Referencing of geomagnetic data products - the challenge of
getting better recognition for data production (M. Korte, GFZ)**

- **Need of measurable output indicators** like number of publications
and in particular citations

- Possibilities of **referencing geomagnetic data products by DOI**
(Digital Object Identifiers)

*Prompt response from the community and lively discussion show
that the problem is important*



New Task Force is established: M. Korte (Chair) +++

4) Report on the status of Polar cap (PC) index

i) Presentation of the joint proposal

(J. Matzka, DTU, and O. Troshichev, AARI)

ii) Report by TF for the Endorsement of PC as an IAGA index

(H. McCreadie, UKZN)

iii) Discussion

iv) Vote for “the PC index satisfy Criteria for IAGA endorsement of indices”

In 2010, the WG-DAT elaborated the document “*Index Criteria for endorsement of indices by IAGA*” (IAGA website, section Products and Services).

In 2011 in Melbourne, the **Task Force was appointed for the Endorsement of the Polar cap (PC) index as an IAGA index.**

The 2 members of the PC family (PCN) and (PCS) are calculated using respectively the Northern Polar Cap data (obs. Thule, operated by DTU) and the Southern Polar Cap (obs. Vostok, operated by AARI).

Substantial progress for the PC index calculation has been made

Presentation of the joint proposal

(J. Matzka, DTU, and O. Troshichev, AARI)

Report by TF for the Endorsement of PC as an IAGA index

(H. McCreadie, UKZN)

The TF

established that the index in its present form satisfies the Criteria and

recommends endorsement of the PC index

with the subject to AARI installing an automated system for data access accounting to make the data immediately freely available

Thanks for the DTU and AARI staff involved and the TF members for their efforts !

5) Proposal for resolution (PC index)

IAGA,

noting that the polar cap magnetic activity is a geophysical quantity not already described by existing IAGA indices,

considering that the polar cap (PC) index may serve as a proxy for energy that enters into the magnetosphere during solar wind – magnetosphere coupling,

recognizing that the contribution will come from the Arctic and Antarctic Research Institute (AARI) (Russian Federation) and the National Space Institute, Technical University of Denmark (DTU)

emphasizing that the usefulness of such an index is dependent on having a continuous data series,

recommends the provision of the PC index to the international scientific community in near-real time and definitive forms

and urges that all possible effort be made to maintain continuous operation of the geomagnetic observatories contributing to this index.

6) Suggestions for IAGA 2013 Sessions

Geomagnetic diagnosis of the Sun and the near-Earth space

Convenors: ...

Division V, III, IV

7) Any other business (submitted but not discussed because time was up)

INTERMAGNET: 1-sec values are available

New brochure on the geomagnetic indices is available from ISGI