

Space Weather Working Team

Meeting 12
ESTEC, Noordwijk, 18th December 2002

Attendees:

J.-P. Adam, IEEA
B. Arbesser-Rastburg, ESA-ESTEC
Y. Beniguel, IEEA
Lj. R. Cander, RAL
E. Clarke, BGS
P. Gille, CNRS
F. Jansen, Univ. Greifswald
B. Jones, Virgin Atlantic/MSSL
S. Klimov, IKI
H. Lappalainen, FMI
F. Lefeuvre, CNRS
A. Petrukovich, IKI
R. Pirjola, FMI
S. Poedts, K. U. Leuven
J.-Y. Prado, CNES
C. Purchase, Radiocom. Agency
G. Reitz, DLR
W. Riedler, AAS
H. Rothkaehl, Space Res. Centre PAS
I. Stanislawska, Space Res. Centre, PAS
R. Swinbank, Met. Office
A. Thomson, BGS
J. J. Valette, CLS
W. Verschueren, OSTC

Excused:

D. Berghmans, SIDC
A. Blusson, CLS
R. Favre, Swiss Re
E. Fluckiger, Univ. Bern
M. Hapgood, RAL
J. Lilensten, LPG
M. Messerotti, Trieste
Astronomical Obs.

1. Welcome – [W. Riedler]

W. Riedler welcomed the attendees to the meeting. The minutes from the previous meeting were reviewed. No changes were found to be needed.

2. The Space Weather Pilot Project – summary of SDA activities and Status of the ITT [A. Hilgers]

A. Hilgers summarised his presentation given during the preceding space weather workshop. He confirmed that negotiations are about to begin in order to initiate service development activity (SDA) contracts. ITTs relating to the support infrastructure and quantitative analysis parts of the pilot project will be issued in the new year.

3. SWWT Thematic Groups [A. Glover]

Appendix 1: SWWT Restructuring

A. Glover summarised the proposed new format that the SWWT will take in order to complement the new structures of the pilot project. This includes the formation of thematic groups. A discussion about possible themes took place and the following list was proposed:

1. Fundamental Research (e.g. solar, solar-terrestrial, including future missions and instrumentation)
2. Ground Effects (GIC, prospecting, tourism).
3. Atmospheric Effects (incl. drag)
4. Ionospheric Effects
5. Spacecraft & Aircraft Environments
6. Insurance
7. Education and Outreach
8. Programmatic

4. Programme Opportunities:

4a COST 271 Action Overview – L. Cander

L. Cander gave a short overview of the COST 271 activities relating to space weather.

4b FP6 & Space Weather: Results of Splinter Meeting

Appendix 2: FMI FP6 Strategy

This discussion considered the possible role for space weather within the EU Framework 6 programme (FP6) and how to proceed with a proposal. The discussion continued from a workshop session on the same topic that had taken place on 17th December.

It was pointed out that space weather is now explicitly mentioned in the FP6 Thematic 1.4 “Aeronautics and Space” work plan under GMES Risk

management. It is also stated in this document that a proposal for an integrated project would be preferred.

P. Gille highlighted that the first call related to this area is now open and the deadline is 20th March 2003.

FMI, represented by R. Pirjola and H. Lappalainen stated that they accepted to be volunteered to coordinate a proposal to FP6 based on the existing expressions of interest.

F. Jansen stated that Univ. Greifswald would also be willing to lead similar consortium.

A discussion followed on the best approach to take.

ACTION (RP)

Review FP6 documents and propose a strategy for proposal preparation and outline of proposals (there may be more than one);
–Due: 10 Jan

ACTION (FJ)

Review FP6 documents and propose a strategy for proposal preparation and outline of proposals (there may be more than one);
–Due: 10 Jan

Action (RP/FJ)

Harmonise the approach or decide on independent proposals
–Due: 10 Jan

In addition to an individual space weather dedicated proposal, it was agreed that a second, complimentary, approach would be to identify existing consortia already planning to submit proposals for an integrated project under Risk Management. It was felt that these consortia may be willing to add a space weather sub-project to their existing proposal in order to include all keywords mentioned in the call under GMES risk management.

ACTION (PG)

Investigate the communities who can be identified as leading relevant proposals and report to FJ and RP.
–Due: 8 Jan

It was agreed that an FP6 coordination meeting would take place at ESTEC around 15 January to coincide with the next GMES Forum (14-16 January 2003).

ACTION(AG)

Ask all EoI authors whether they are willing to merge their proposals

ACTION(AG)

Ask SWWT members to express other intents in the framework of Fp6.

4c GMES/GSE & Space Weather [Y Beniguel]

Appendix 3: SWERA Proposal

Y. Beniguel gave an overview of the SWERA proposal submitted in response to the ESA GMES Service Element (GSE) call. He stated that although the call had closed in November, no information had yet been received as to whether it had been successful.

4d ISES Update [A. Hilgers]

A. Hilgers stated that an invitation for ISES membership has been received by ESA from the ISES chairman. This is currently being evaluated by the ESA management.

5. Other Activities [All]

6. Agreement on Meeting Summary text for SWEN [All]

It was decided that A. Glover and W. Riedler would write a short summary of the meeting's key discussion points and circulate this via SWEN.

ACTION (AG/WR)

Write meeting summary for SWEN