

**EUROPEAN SPACE AGENCY****HUMAN SPACEFLIGHT, MICROGRAVITY AND EXPLORATION  
PROGRAMME BOARD**

The 33<sup>rd</sup> meeting of the Human Spaceflight, Microgravity and Exploration Programme Board will take place on 2 and 3 March 2011 in *ESA-HQ – 8-10 rue Mario Nikis, 75015 Paris – Room A* starting at 10:00 on the first day and ending at 17:00 on the second day.

The first part of the meeting will be dedicated to agenda items addressing Human Spaceflight and Microgravity, whereas the second part will focus on Robotic Exploration agenda points. The agenda is organised accordingly.

**DRAFT AGENDA**

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|----|--|-------------------------|
| 1. | Adoption of the Agenda   | ESA/PB-HME/OJ/33, rev.1 |
| 2. | Approval of the Draft Minutes of the 31 <sup>st</sup> meeting of the Human Spaceflight, Microgravity and Exploration Programme Board | ESA/PB-HME/MIN/31       |
| 3. | Status Report on the Human Spaceflight, Microgravity and Human Exploration Programmes  | Oral Report             |
| 4. | Report of the PB-HME/EUB Chair on the meeting of 9 February 2011   | Oral Report             |
| 5. | Report of the Chair of the CWG on ISS exploitation on the third meeting  | ESA/PB-HME(2011)15      |
| 6. | Report of the Chair of the HESAC on ISS Exploitation   | Oral Report             |
|    | <b><u>Reference Document :</u></b><br>Enhanced and sustainable utilisation of ISS:<br>HESAC recommendations to D/HSF                 | ESA/PB-HME(2011)18      |

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*Nota: changes from the first version of the draft agenda are sidelined*

\* A representative of the EU will be invited to attend the discussion of this item.

**7. Decision Items regarding Human Spaceflight, Microgravity and Human Exploration matters**

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|-----|--|--------------------------|
| 7.1 | Science Test Campaign Support for “ <i>A Item</i> ”<br>the ROTIFER experiment with Nematodes                   | ESA/PB-HME(2011)4        |
| 7.2 | PK-4 Additional Science Features “ <i>A Item</i> ”   | ESA/PB-HME(2011)5        |
| 7.3 | European Participation in the International Space Station<br>Exploitation Programme: Draft Amended Declaration | ESA/PB-HME(2011)3, rev.2 |
| 7.4 | European Participation in the International Space Station<br>Exploitation Programme: Draft Proposal *          | ESA/PB-HME(2011)2, rev.2 |

**8. Information Items regarding Human Spaceflight, Microgravity and Human Exploration matters**

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|-----|---|--------------------|
| 8.1 | Lunar Lander - Additional Phase B1 activities * | ESA/PB-HME(2011)17 |
| 8.2 | CFI for ISS for exploration *                   | ESA/PB-HME(2011)10 |
| 8.3 | Organisation of the May PB-HME in Utrecht *     | Oral Report        |
| 8.4 | MELiSSA Food Characterisation Phase 2           | ESA/PB-HME(2011)16 |
| 8.5 | Proposal for the naming of the ATV-4            | ESA/PB-HME(2011)8  |

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| 9. | Status Report on Robotic Exploration Programmes | Oral Report |
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**10. Information Items regarding Robotic Exploration matters**

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|------|--|--------------------|
| 10.1 | Status of the Announcement of Opportunity for<br>the ExoMars Entry, Descent and Landing<br>Demonstrator Module (EDM) Payload | Oral Report        |
| 10.2 | ExoMars Programme Status Report post Sys-PDR -<br>Period: October 2010 – February 2011                                       | ESA/PB-HME(2011)11 |
| 10.3 | Mars Robotic Exploration Preparation Programme<br>(MREP) Annual Status Report  | ESA/PB-HME(2011)12 |
| 10.4 | MREP approach for post-2018 mission preparations   | ESA/PB-HME(2011)13 |

10.5 Organisation of the ESA-NASA  
Joint Mars Exploration Programme (JMEP)

ESA/PB-HME(2011)14

**11. Other Matters**

11.1 Any other business

11.2 Date and place of next meeting

**Information document**

Progress Report on Human Spaceflight,  
Microgravity and Exploration Programmes  
1<sup>st</sup> October 2010 –31<sup>st</sup> December 2010

ESA/PB-HME(2011)6

HSF 2010 achievements

ESA/PB-HME(2011)9

Status of the Instrument Multilateral Agreement  
between the European Space Agency and the  
Lead Funding Agencies for the ExoMars Programme

ESA/PB-HME(2011)19 |