

ESA/PB-HME/EUB/OJ58 (DRAFT)
Paris, 12 January 2024
(English Only)

EUROPEAN SPACE AGENCY

HUMAN SPACEFLIGHT, MICROGRAVITY AND EXPLORATION

PROGRAMME BOARD

Exploration and Utilisation Board (PB-HME/EUB)

Meeting #58

Date, indicative schedule & room

Place

The 58th meeting of the Human Spaceflight, Microgravity and Exploration Programme Board / Exploration and Utilisation Board will take place in a **hybrid setup** starting on **23 January 2024 at 10:00** and ending on **24 January 2024** no later than **15:00**.

Newton room in ESTEC, and via Webex

Draft Agenda

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|----------|--|----------------------------------|
| 1 | Adoption of the Agenda | ESA/PB-HME/EUB/OJ/58
(DRAFT) |
| 2 | Approval of Minutes | ESA/PB-HME/EUB/MIN/57
(DRAFT) |
| 3 | Status Reports on Human and Robotic Exploration Programmes | Oral Reports |
| 4 | Programme Matters
Preparation of PB-HME Decisions | |
| 4.1 | Updates to the E3P Periods 1 & 2 Work Plans | EUB/W58-01 |
| 4.2 | Updates to the E3P Period 3 Work Plan | EUB/W58-02 |
| 4.3 | Selection of Proposals Submitted to Soft Matter Dynamics Announcement of Opportunity (AO-2023-SMD) | ESA/PB-HME/EUB(2024)2 |

4.4	Selection of Proposals Submitted to Bedrest Core Data Announcement of Opportunity (AO-2023-BedrestCoreData)	ESA/PB-HME/EUB(2024)3
4.5	Selection of Proposals Submitted to EML Batch 5 Announcement of Opportunity (AO-2023-EML Batch 5)	ESA/PB-HME/EUB(2024)5
4.6	Mars Science Return (MSR) Campaign Science Group (MCSG) – Extension of Members for one Year	ESA/PB-HME/EUB(2024)4
5	Programme Matters Consultation Documents	
5.1	Structuring HRE Science Activities for Exploration	EUB/W58-03
5.2	Proposed Implementation of ExPeRT Systems Studies in Period 3	EUB/W58-04
5.3	Mars Sample Return (MSR) Architecture Evolution - Technical Presentation	EUB/W58-05
6	Programme Matters Information Documents	
6.1	Overview of potential ESA Life Support System (LSS) Technology Demonstrators in the next 5-10 Years	EUB/W58-06
6.2	Exploration Technology Compendium for 2023	EUB/W58-07
6.3	Mission-Pull Technology Requirements for Technology Development Element (TDE) Work Plan 2024	EUB/W58-08
6.5	ESA Flight Surgeon Rotation Scheme	EUB/W58-09
6.6	HRE Archiving Activities – Status Report	EUB/W58-10
6.7	EUB Roadmap for 2024	EUB/W58-11

7 Any other Business

7.1 Any other Business

7.2 Date and Place of Next Meeting

7.3 Calendar of 2024 Meetings