



FAI Astronautic Records Commission (ICARE)



2023 Plenary Meeting Minutes

02 May 2023 (online meeting via zoom)

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1 WELCOME BY THE PRESIDENT

The President welcomed all attendees, delegates, experts and FAI observers.

2 ROLL-CALL

Present

- Henrik ÅKERSTEDT (SWE) – Commission president
- Scott NEUMANN (US) – Commission vice-president
- Jean-Francois CLERVOY (FR) – Delegate
- Nicolas BÉREND (FR) – Technical expert
- Luca URBANI (ITA) – Delegate
- Frank Øjvind (DK) – Observer
- Andy CHAU (HK) – Observer
- Kamila VOKOUN HAJKOVA (FAI)
- Markus HAGGENEY (FAI)
- Visa-Matti LEINIKKI (FAI)

3 DECLARATION OF CONFLICTS OF INTEREST

Mr. CHAU is stepping down as commission delegate due to being elected to the EB.

4 APPROVAL OF THE MINUTES OF THE LAST MEETING

FAI ICARE Plenary Meeting-Annex 1-ICARE Plenary Meeting Minutes 2022

Approved.

5 FAI GENERAL CONFERENCE, MEETINGS AND ACTIVITIES

FAI ICARE Plenary Meeting-Annex 2-FAI SG Report (2023-May-02)

Mr. Haggeneay commented on extracts of the attached report. He summarised FAI activities, mainly decisions taken by the 2022 General Conference, including elections. Financial results for FY 2021 show cost savings and some extra positive effects as presented. The auditor reported on FAI having addressed past observations and that no deficiencies had been identified.

In 2022, Category 1 & 2 events are now back to pre-pandemic levels, a very good sign.

He explained the timeline leading up to the GC 2023, to be held in October in the USA.

Finally, the commission was encouraged to be more visible, to promote space related activities more boldly.

6 ASTRONAUTICS ACTIVITIES AND PROJECTS

ESA/FR:

- Matthias Maurer (GER) completed his long duration ISS flight.
- ESA robotic arm on ISS was activated.
- New class of ESA astronauts: 5 active, 11 reserve and one para-astronaut.
- The service module of the Artemis program, financed by ESA worked as expected on the Artemis-1 flight.

ITA:

Samantha Cristoforetti completed her second flight, totalling 370 days in space. First female ESA ISS commander.

USA:

- Steady increase in number of launches over the past few years.
- Crew Dragon regularly visits ISS, crewed Boeing Starliner test flight possibly later this year.
- Artemis 1 flew a successful 27-day testflight around the Moon.
- Starship first orbital test flight, largest rocket ever tested. Did not reach orbit, but tested many of the sub-systems.
- Polaris Dawn scheduled mid 2033 with possibility of new altitude record and first private spacewalk.

Nordics:

- Esrange and Andøya launch sites scheduled to launch orbital rockets in 2023/2024. Esrange launch pad was inaugurated this year.
- Copenhagen Suborbitals is constructing their full scale (privately funded) human rated suborbital rocket and testing parachutes, tanks and engines along the way.
- A Swedish astronaut scheduled to launch on a private Axiom mission NET November 2023
- Andreas Morgensen has been assigned to SpaceX Crew-7 mission to ISS in August 2023

Space boundary definition

FAI ICARE Plenary Meeting-Annex 3-Karman line-N. Bérend-v1.2

Mr BEREND presented a proposal for Karman line redefinition. A discussion followed regarding e.g. the importance of having a solid definition based on physics, as well as the need to do outreach ahead of a possible redefinition to cement the change.

7 FAI SPORTING CODE

Major revision underway regarding e.g. boundary, spacecraft definitions and astronaut definitions. This is motivated by advancements in astronautics and the emergence of private spaceflight companies since the last SC8 revision.

Initial review of current SC8 completed. A clean sheet approach is needed, but still retaining heritage for legacy records. A round table discussion with space flight experts to be held later in 2023.

8 NEW ASTRONAUTICAL RECORDS

None filed

9 PROPOSALS FOR FAI AWARDS

Komarov Diploma: Samantha Cristoforetti was nominated and the award was unanimously ratified.

10 INTERNATIONAL ASTRONAUTIC FEDERATION

FAI ICARE Plenary Meeting-Annex 4-IAC report-N. Bérendlease

11 PRESENT WORLD RECORDS – REPORT

N/A

12 ANY OTHER BUSINESS

The current ICARE logo was discussed. Since it depicts a specific (retired) spacecraft, it is not a general logo representing all types of crewed spaceflight. A new version of the logo will be circulated among the delegates and voted for next plenary.

13 ELECTIONS

Mr Neumann was nominated as only candidate for President. The nomination was unanimously accepted by open ballot.

Mr Åkerstedt was nominated as only candidate for Vice-President and secretary. The nominations were unanimously accepted by open ballot.

14 DATE AND PLACE OF NEXT ICARE MEETING

Plenary meeting in Q1-2024, TBD.

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