2019-02-19 meeting

Type: **board meeting**

Meeting time: 18:30 – 19:30

Will be done:

* Round table presentations
* Remind about the iteration review; present mission analysis deliverables (Pierre)
* Present IDM budgets
* Inform about a future IDM learning session
* Continuity of the project: passing the lead, formations (WARNING: gravimetry!!!)

--------- Report --------

Number of people: **6**

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| --- | --- |
| Subsystem | Subsystem referent(s) |
| Structure | 1 |
| Thermal | 1 |
| ADCS | 1 |
| Payload | 1 |
| Power | 0 |
| Mission Analysis | 0 |
| Systems engineering | 2 |
| OBDH | 0 |
| Communications | 0 |

Subsystem status (non-exhaustive):

Miscellaneous information given (non-exhaustive):

**Structure:** mainobjective is to finish Catia.

**Thermal:** they set up new objectives: get all the data they need (1) and make a study of the PBC stack (2).

**AOCS:** they defined (updated) system modes.

**Gravimetry:** they had a meeting with experts. It went well, they talked about their INSA project and about TOLOSAT. Solutions were obtained to have less data. They have a way to activate the payload in eclipse mode. Simulation is ongoing.

**Mission analysis:** Pierre switched to mission analysis with GMAT. He studied 400km and 500km sun-synchronous orbits as well as the ISS orbit. One secondary objective is to get from existing CubeSat data a more optimistic estimation of the mission lifetime.

**Iridium:** Doppler effect investigation is ongoing (from MA).