

PRODEX Office Organization

B. Weymiens

PRODEX Programme Manager

**17th PRODEX Participating States Meeting, ESA HQ
16th February 2010**

D/SRE Programme Management Support Office – B. Weymiens

Budget & Programme Financial
Management Service

R. Tosellini

Information Systems,
Comm. & Educ. Support
Service

S. Ansari

Project Control & Risk Mgmt
Service

Z. El Hamel

PRODEX Office

H. Schroeven-Deceuninck

PRODEX Office – H. Schroeven-Deceuninck

Veronique Dowson

Assistant Programme Controller

Cristina Bramanti

Experiment System Engineer

(As of 1 January 2008)

TBD – recruitment ongoing

Administrative Support

Sara Gidlund

Experiment Coordinator

(As of 15 October 2008)

VN to be issued

PRODEX Office Activities 2009

H. Schroeven-Deceuninck

Head PRODEX Office

**17th PRODEX Participating States Meeting, ESA HQ
16th February 2010**

1. Office Achievements
2. Overview Running Projects
3. Major Reviews
4. Completion of Hardware
5. Flown Experiments
6. New Projects with HW Development

Office Achievements 1/2

Contractual Administration

- Systematic approach towards evaluation of new Project Proposals
- Yearly reporting on all non-hardware projects
- Regular invoice pattern through all countries

Office Achievements 2/2

Contractual and Financial Database

- During the Commissioning of the Database, several major discrepancies have been identified
- Revised software implementation document took several months of negotiation
- Currently new release confirmed for 18 Feb 10
- Commissioning of database Mar10

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Running Projects 1/3

Running projects per discipline

| | Microgravity | Earth Observation | Space Science | Exploration |
|-------------|--------------|-------------------|---------------|-------------|
| | # | # | # | # |
| Austria | - | 1 | 2 | - |
| Belgium | 38 | 9 | 36 | 1 |
| Denmark | 1 | - | 3 | 1 |
| Ireland | 2 | - | 6 | - |
| Norway | 4 | 7 | 1 | 2 |
| Switzerland | 3 | 1 | 15 | 4 |

Running Projects 2/3

Type of Mission (Hardware development)

| | Science | Technology | Micro gravity | Exploration | Airborne | Non-ESA |
|-------------|---------|------------|---------------|-------------|----------|---------|
| Austria | - | - | - | - | - | 1 |
| Belgium | 3 | 2 | - | 1 | 1 | 3 |
| Denmark | 1 | - | - | 1 | - | - |
| Ireland | 2 | - | - | - | - | - |
| Norway | - | - | 2 | 2 | - | - |
| Switzerland | 7 | 2 | 3 | 3 | 1 | 2 |

Running Projects 3/3

Running Contracts

| | |
|---|------------|
| Institute Contracts | 177 |
| Industrial Contracts | 19 |
| Hardware development directly under Institute | 8 |
| Industrial Contracts in Preparation | 2 |
| TOTAL | 206 |

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Major Reviews 1/2

| Instrument | Mission | Country | Review |
|--------------------------|--------------|---------|---|
| BELA system | Bepi Colombo | CH | IDR |
| BELA RFM | Bepi Colombo | CH | CDR |
| CLUPI | ExoMars | CH | PDR |
| HARPS-N Vacuum System | - | CH | Manufacturing Completeness Review |
| PADIAC | ISS | CH | TRR/PTR |
| Seis Electronics | ExoMars | CH | PDR |
| Altius | Altius (tbc) | B | Delta PRR |

Major Reviews 2/2

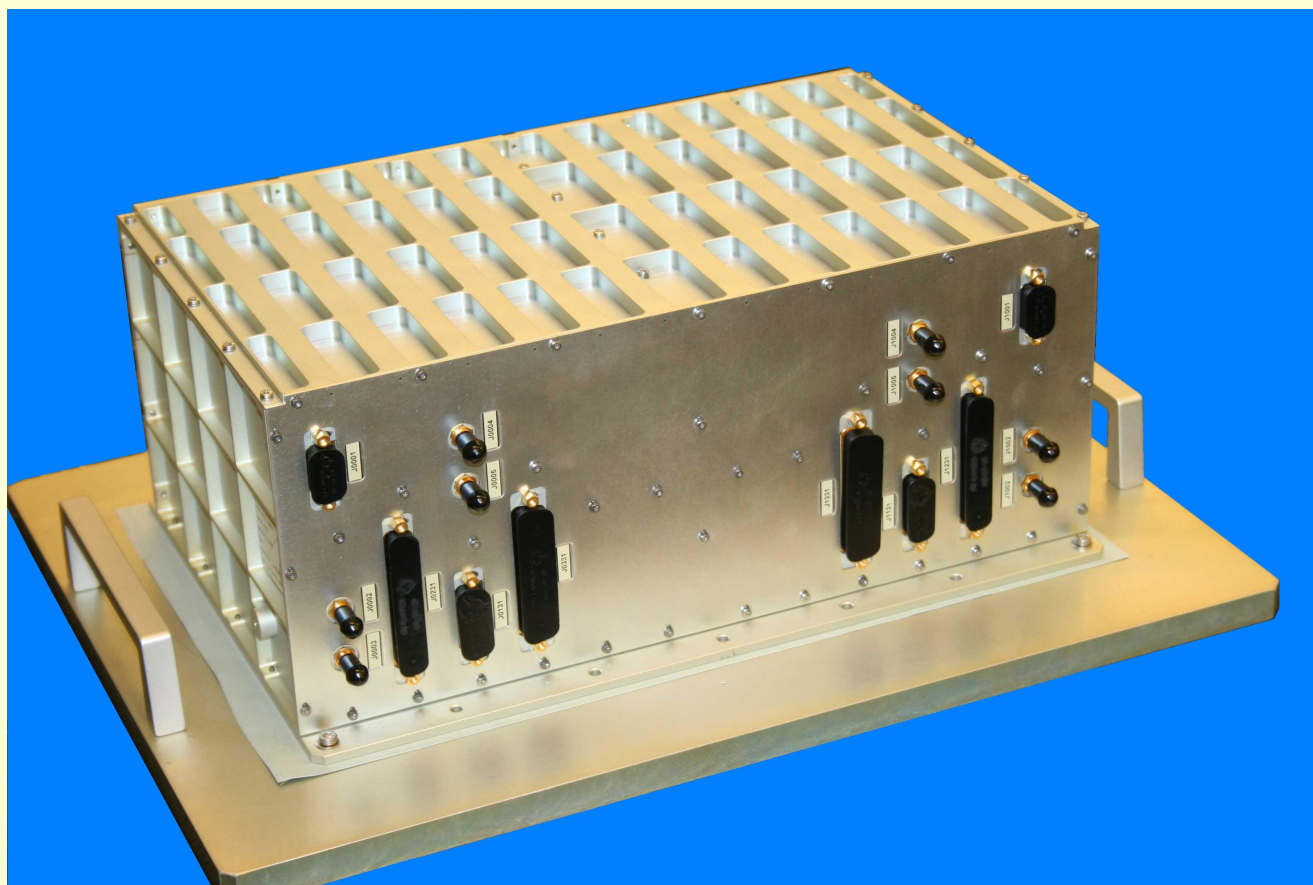
| Instrument | Mission | Country | Review |
|-------------------|----------|---------|----------------------|
| Medusa subsystems | Airborne | B | AR |
| MIRI ICE | JWST | B | FM TRR/DRB |
| APEX | Airborne | CH + B | OMU RR System RR |
| APEX | Airborne | CH + B | Flight |
| EDI | MMS | A | PDR |
| ASPOC | MMS | A | PDR |
| Wisdom | ExoMars | N | Ground Test Campaign |

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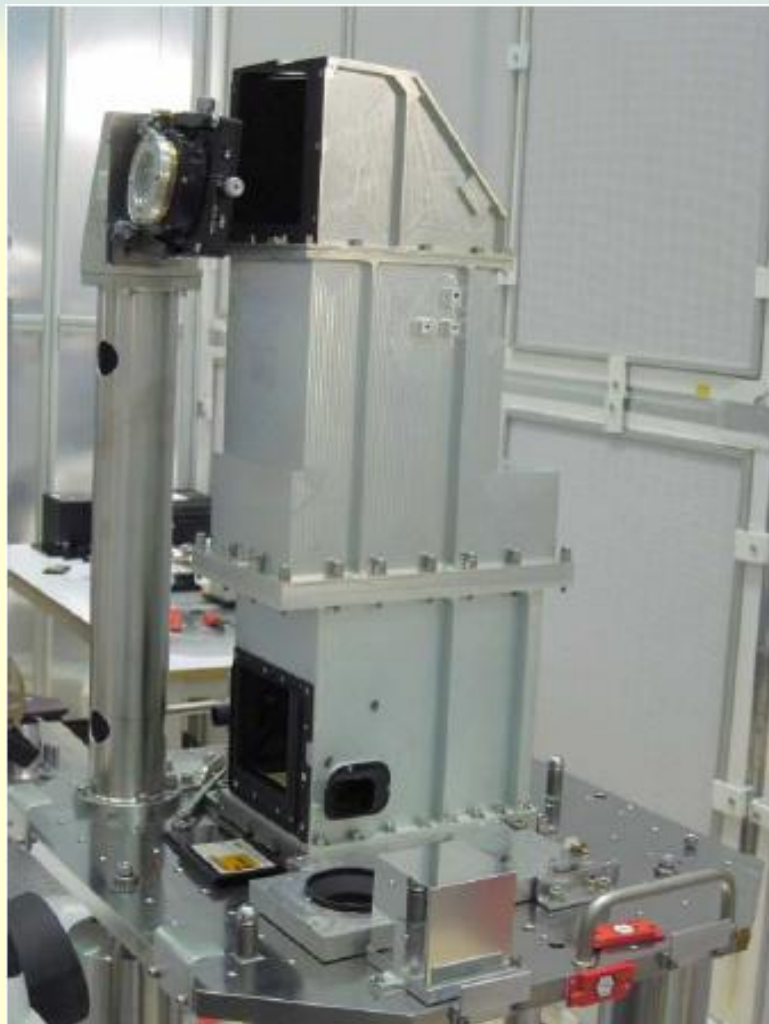
Hardware Completion

| Instrument | Mission | Country | Model |
|-----------------|---------|---------|------------------------------|
| UV Spectrometer | JUNO | B | Flight Model |
| PADIAC | ISS | CH | Flight Models |
| MIRI ICE | JWST | B | Flight Model Flight Spare |

MIRI ICE FM (B)



MIRI IOC FM integrated (B)



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Flown Experiments 1/2

| Experiment | Mission | Country | PI |
|------------|----------|---------|-------------------------------------|
| LYRA | Proba-2 | B + CH | Hochedez (ORB) Schmutz (PMOD) |
| SWAP | Proba-2 | B | Berghmans (ORB) |
| PACS | Herschel | B | Waelkens (KUL) |
| Ying - B | ISS | B | Willaert (VUB) |
| Radcells | Foton M3 | B | Van Oostveldt (UG) Baatout (SCK) |

Flown Experiments 2/2

| Experiment | Mission | Country | PI |
|-----------------------------|-----------------|---------|------------|
| Multigen-2 Plant Experiment | ISS - EMCS | N | Iversen |
| X-Ray diagnostics module | Maxus 8 | N | Matthiesen |
| Langmuir probe XRMON | Sounding rocket | N | Moen |

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New Projects with H/W Development

| Instrument | Mission | Country | Action |
|-------------------------|-------------|---------|------------|
| BELA Phase C/D | BepiColombo | CH | Kicked-Off |
| EUI – FPGA study | SOLO | B | Kicked-Off |
| EUI – CMOS detector | SOLO | B | Kicked-Off |
| Safari – Scan Mechanism | SAFARI | B | Completed |
| Filter Wheel Phase B | ASTRO-H | CH | Kicked-Off |
| Filter Wheel Phase A | IXO | CH | Kicked-Off |
| DARA Phase B | Proba-3 | CH | Kicked-Off |