



**FUSION
FOR
ENERGY**

12th ILO meeting

**On-going and main future CFTs
(F4E Business Intelligence-related activities)**

28th June 2011 - Cadarache

- TB02-Lift and cranes (OPE-285): on-going analysis of offers; list to be published
- TB03-Nuclear tokamak building/assembly hall/doors (OPE-286): on-going analysis of offers; list published
- TB04- Mechanical & Electrical System: planned publication Q4 - under preparation; target CFT End of July.
- TB05&07- Design & Build packages: planned publication Q4
- TB06- HV electrical equipment: planned publication Q4
- TB08-site infrastructure: planned publication Q4

CODAC

- Service Framework contract for in-sourcing engineering support – OFC-169 under evaluation, awarded foreseen by September 2011;
- Information day planned for September 2011 for the framework contract concerning manufacturing aspects. Draft EU Industry Mapping under development (1st version delivered to ILO #12). Invitation to the info-day will be sent out by the end of July.

Diagnostics (bolometers, infrared tech, optical, reflectometers, dust measurement etc):

- Q3: Integration Port CFT: last finalisations at F4E (ExCo end of June)
- **OPE-328 (WP 55/01): Dev. & design for diagnostics (cf GFPA)**
- Q3: Irradiation & post irradiation testing services (market survey launched)
- Q3: Magnetic sensors prototypes & test equipment
- Q3: prototypes in support of GFPA diagnostics
- DPG information sent to associations.

Electron Cyclotron Power Source and supplies (Gyrotron):

- Q2: both “He free” magnet & gyrotron CFTs
- Q2: (GFPA) Design & Development of gyrotron
- Q3: 2nd gyrotron prototype + Info Day in Brussels 14th September 2011

NBTF (Mitica/Prima/Spider):

- Q3: Assembly tools and testing equipments; cryogenic plant
- Q3 : Prima* Vacuum System
- (*rectified)

Cryoplant:

- PA signed during ITER Council in Japan.
- CFT: Indicative target September (indication in Portal- Q3).
- Some companies officially asked BI to spread their wish to find partners.

Vacuum Pumping and Fuelling:

- Survey launched online

Tritium Plant:

- Tritium tanks; procurement activity postponed but F4E insists on the valuable info received by companies on time to manufacture

TBM:

- OPE-305: Eurofer sub-components –related activities, deadline to submit 15/07/2011

Project Office:

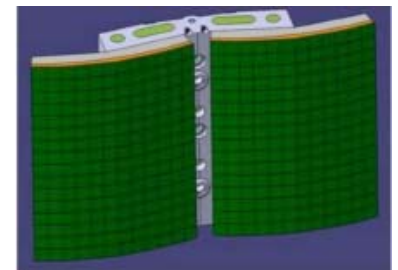
- Information day in Barcelona on July 18th 2011. Registration online open until July 14th . All relevant information available on the portal and distributed to the ILOs. Suggestions about companies to invite are more than welcome.
- 2 calls are foreseen for Service FW Contract.

Divertor

- Q3: pre-production qualification (supply of 3 prototypes)
- Q3: manufacturing of full scale prototype
- Q3: high heat flux testing on W and CFC proto

First Wall:

- Q3: HHF test facility: competitive dialogue (see Portal)
- Q3: **manufacture of a full scale prototype**

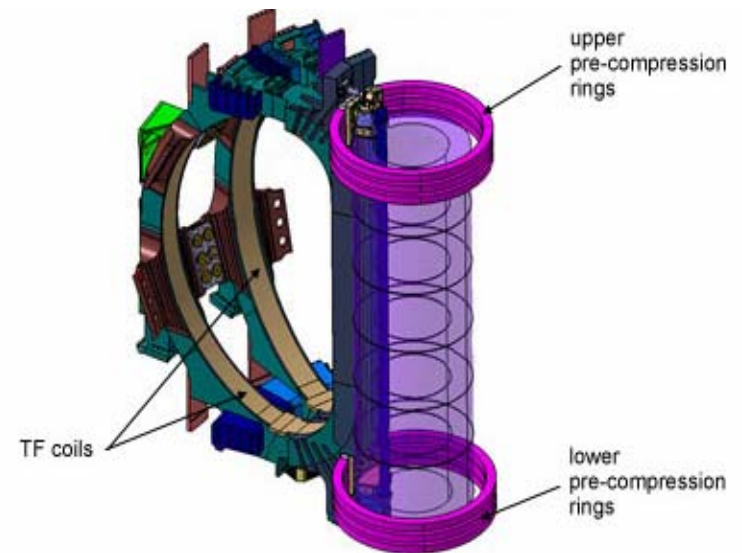


Remote Handling:

- Q1: Engineering Support Framework contract: OMF-272 ongoing (deadline postponed to 26/06/11)
- GRT-282 launched (probe design), now under evaluation.
- Q3: Call for expression for interest for all the EU RH Procurement Packages after final approval from the EX-CO and TAP joined meeting on June 30th

Magnets:

- Pre-compression rings: under selection process
- PF Coils: on-going





End of part 2