



U.S. DEPARTMENT OF
ENERGY

Office of
Science

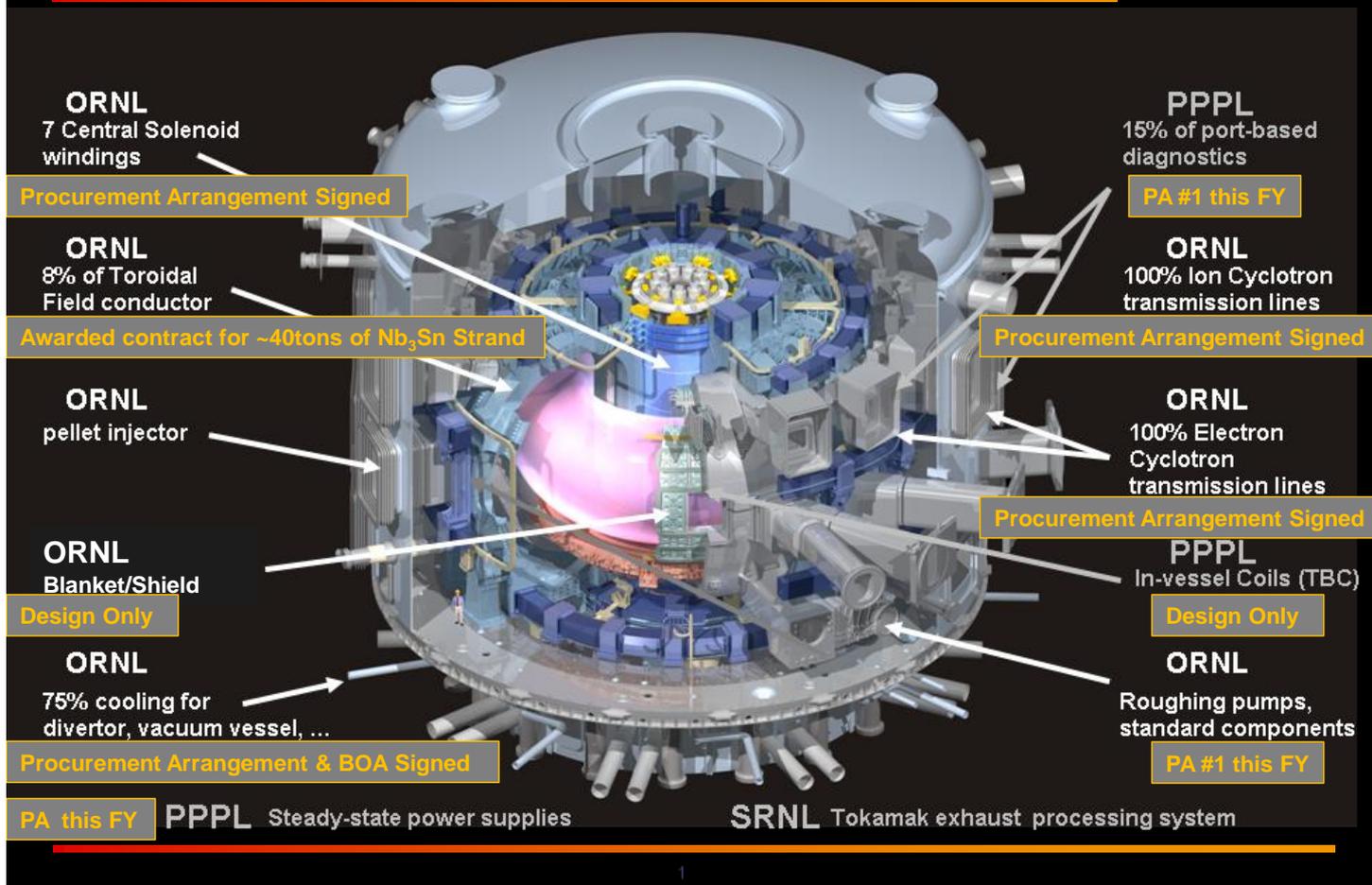
ITER

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Progress cont'd

U.S. ITER In-kind Hardware Contributions



Considerable progress has been made

- **This has been a year of significant transition for U.S. ITER as the project moves from the research and development/design phase into the fabrication stage. The CS magnet contract has been awarded, representing almost 8% of our hardware commitment**
- **As part of this transition, the project is continuing to incorporate critical input from industry into the planning processes as early as possible.**
- **During the first week in April, the project hosted a DOE Office of Science Office of Project Assessment review team (i.e., a Lehman Review). There will be a follow up Lehman Review in the Fall.**
- **In another important area, the project team is still on schedule to complete preliminary design packages for our large-value technical subsystems in support of our planned request for Critical Decision-2 (U.S. baseline) by mid-2012.**
- **The ITER Management Assessor was appointed during the IC-8 meeting and will report his findings at IC-9 in November. The MA is scheduled to visit the US DOE/USIPO in August.**

ITER – Policy Update

- **The Japanese earthquake and continued EU funding questions are challenges.**
- **The FY 2012 request for ITER is at \$105M, up from \$80M in FY 2011.**
- **The political consensus is that an appropriate early finish date for first plasma should remain November 2019. However an assessment is being conducted among the IO and Members to determine the effects of the Japanese earthquake, with the possibility of an additional one-year delay.**
- **Members will need to provide funding according to a profile that makes this achievable.**
- **November's IC-9 meeting will be asked to approve a new baseline schedule.**
- **The political, fiscal, and economic situation remains challenging.**
- **We need to make a realistic, strong and straightforward case for ITER and for fusion energy/science in general.**
- **We need to make sure that we manage this project well – this will make it easier to convince Congress and the Administration that fusion deserves continued support.**

ITER – Policy Update

- **The earthquake in Japan, while it didn't damage Japan's industrial capability significantly has diverted resources toward recovery.**
- **The EU funding issues affect 2012 and 2013 funding. They are still working to get the required increased funding. The EU funding proposal for 2014-2020 ties ITER to an EU direct taxing authority.**
- **The new, strong IO management team has steadily taken back its management responsibility from the ITER Council.**
- **The DG has taken the lead in assessing the effects of the Japanese earthquake as well as each Members' ability to deliver their commitments and will report to IC-9.**
- **The US working relationship with the other Members is very strong.**