

IFERC Newsletter



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REC

Progress on Interior Work of REC (Remote Experimentation Centre)

The ITER remote experimentation centre (REC), which will enable participation in ITER and other experiments remotely from Rokkasho, is expected to significantly enhance the availability and productivity of these exciting experiments. The REC preparation, reported last year (IFERC Newline: <http://www.iferc.org/pdf/2015-9.pdf>), is in steady progress under the broader approach (BA) framework.

Preparation of the REC room, that is the main working area of the remote experimentation centre, has made a significant progress. Based on intensive discussion among experts of EU and Japan for the use of the REC room, the REC room has been constructed along the following guideline:

- Appropriate zoning, which accommodates a variety of activities associated with remote experiments.
- Flexible arrangement in the main zone, such as remote experiments, seminars, and big formal meetings.
- The REC room will play a central role in collaborative activities in the Rokkasho site.



Main working area for REC

By the end of March 2016, the main partitioning of the REC room was completed for appropriate zoning. The main working area will serve as the remote control room of ITER and other machines. Soundproof meeting rooms can host meetings comfortably in the noisy REC control room. In addition, a free meeting space is available for discussion. For short-term visiting scientists

and engineers, working areas are prepared, where a guest network will become available.

All the rooms are furnished with tables and chairs. The furniture in the main working area is moveable, so that the main working area can accommodate remote experiments, seminars and big formal meetings.



Free meeting space



Soundproof meeting room



Working area for visiting scientists and engineers



Stage for visitors

Construction of REC will continue until early next year. A large video wall, to be installed in front of the main working area, will facilitate sharing information essential for collaborative activities. The large video wall, showing the sequence and the results of remote experiments, will help you feel as if you are in the ITER control room in Cadarache. The large video wall will also display presentations in seminars and meetings. The electric power system will be enhanced for the use of the REC system. The network system for the IFERC activity will be extended to the REC room.

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