

ITER CONTROLS DESIGN STATUS

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Abstract

ITER Control, Data Access and Communication (CODAC) system passed conceptual design review in late 2007. Since then a local CODAC group has been formed on the ITER site currently consisting of 12 staff representing four out of the seven parties. The work in transforming the conceptual design into an engineering design is now in full swing. The primary current focus is on standardization of the development process as well as hardware and software components for instrumentation and control. The system will provide services and communication functions to orchestrate and integrate, current estimate is 165, Plant Systems which will be delivered 'in kind' by the seven ITER Parties. The latter poses the largest challenge of the project. This paper will detail the architecture of the system, will report on standards selected and will present the activities, strategy and technology choices made during the last year and outline the plans ahead.

**CONTRIBUTION NOT
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