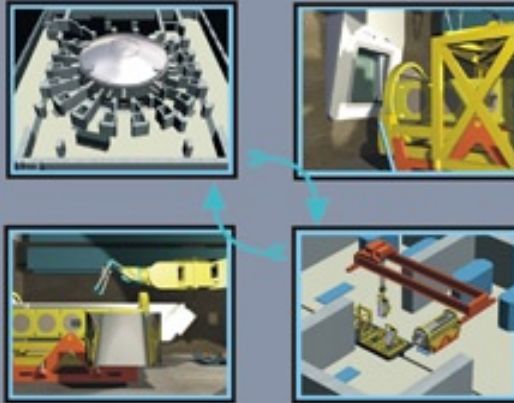


Project:

Suite of Animations Demonstrating Remote Maintenance Concepts for ITER Upper Port Plugs



Client:

ITER-NL

Organisation & Management:

Oxford Technologies Ltd was sole contractor for this work and utilised 1 professional staff on this 8 week project.

Aim:

ITER-NL is developing concepts for fully remote maintenance of Upper Port Plugs for ITER. The Plugs are transported to the ITER Hot Cell in remote Casks. Once in the Hot Cell, each Port Plug must be cleaned, inspected, tested and have critical maintenance carried out prior to returning to the Tokamak.

ITER-NL asked Oxford Technologies to demonstrate advanced concepts for handling Upper Port Plugs in the Hot Cell to the ITER Organisation and their own stakeholders

Implementation:

The contract was conducted in stages:-

- > Produced storyboards after meeting the ITER-NL designers
- > Translate CATIA models into a 3D visualisation format.
- > The scenes were 'Set' and optimised for remote handling.
- > Sample renders were produced to agree the required look for production animations.
- > A production movie was produced in a range of media formats.