CUBUS Program: *Dura*

The Cubus Dura Test allows time history data to be replayed on the system. This data can take the form of ASCII turning point data, ASCII sampled data at any frequency, RPCIII & QanTiM final drive files. The files can be combined with digital I/O elements in sub-sequences with no practical limit.

Features Include:

- Graphical test editor to assemble multiple drive files into a durability test sequence

- Test project oriented save and restore tests and acquired data to disk

- Supports single or synchronised multiple actuator tests

- Integrated, scaled graphical display of test sequence elements

- Treeview displays sequence with multiple level sub-sequences

- Elements: Time history drive file, Sub-sequence, Procedure elements

- Turning points tests run at configurable rate or fixed time increment

- Configurable Start / Stop with Test Bias levels, Start / Stop ramp times and levels

- Built in acquisition during test execution

- Support for Adaptive PID-Autotune

- Test Pause, Resume, Stop with auto-restart from last saved test sequence position

- Graphical and Tree view display of test progress through sequence of elements

- Integrated control of Climatic Chamber through Ethernet communication

- PID and Limits saved with the test project