

USA Module Production: “Batch Traveler” Procedure

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Hybrid ASIC-stuffing, testing and shipping

The hybrid/module Excel ASIC_HYBRID worksheet is completed and made available on the web. Additional electrical test information is made available also on the web

Detectors

Detectors are supplied and tracked by KEK. They are logged at LBL using a bar code reader. Any probe measurement is stored in an ATLAS SCT database format.

Baseboards

Baseboards are delivered as simple components with an ATLAS serial number and are logged with a bar code reader.

Module Assembly

Metrology and electrical test information are computerized for internal processing.

Information about every assembled module is made available via the hybrid/module Excel worksheets from Nobu Unno. These can be viewed at the module QA sites and at Oxford, where the modules will be consumed.

Database

Stored data can be loaded onto SCT database from the files stored in the US.