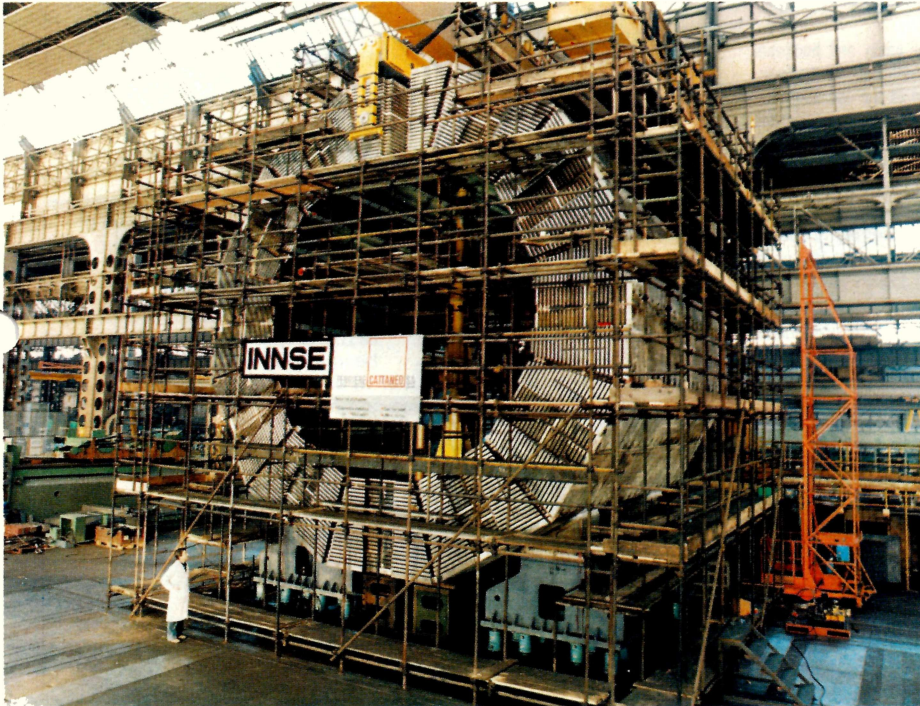


LEP progress

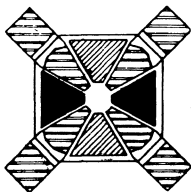


◀ The four big experiments for the LEP electron-positron collider at CERN — ALEPH, DELPHI, L3 and OPAL — continue to make good progress. The end of 1985 saw the completion of the first major component for ALEPH, with 24 modules, seven metres long, assembled in the barrel-shaped return yoke of the detector's superconducting solenoid. The 1700 ton 10 m-high structure is a highly successful collaboration between Swiss (Ferriere Cattaneo) and Italian (INNSE) industry. The barrel will be dismantled and shipped to CERN to equip each module with the streamer tubes for hadron calorimetry and reassembled for the magnetic tests and field mapping.

• Tunnelling for LEP continues to make good progress with three mole-like tunnellers burrowing round the 27 km ring. About 12 km of tunnel have been excavated to date. Here a machine head makes its final approach to landing in the operational zone prior to beginning tunnelling. Excavation of experimental areas and access points at two of the eight points around LEP is almost complete. The first experimental areas should be ready for installation of equipment by mid-1987.

(Photo CERN)





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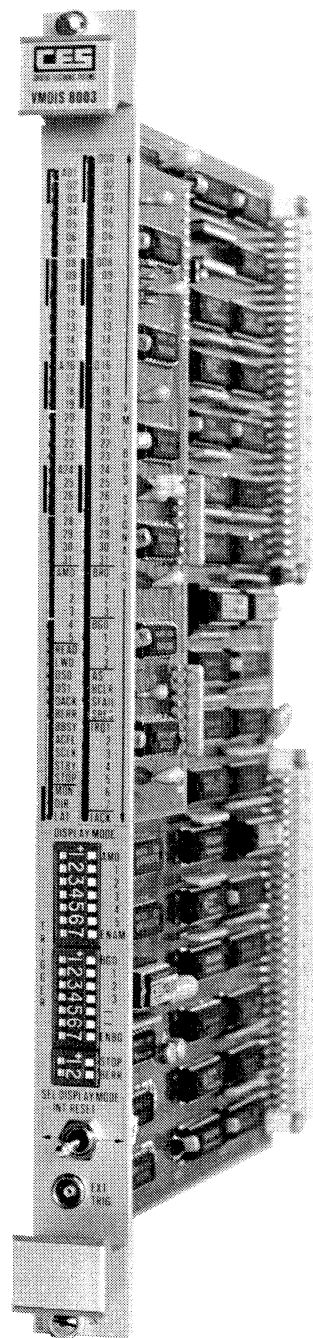
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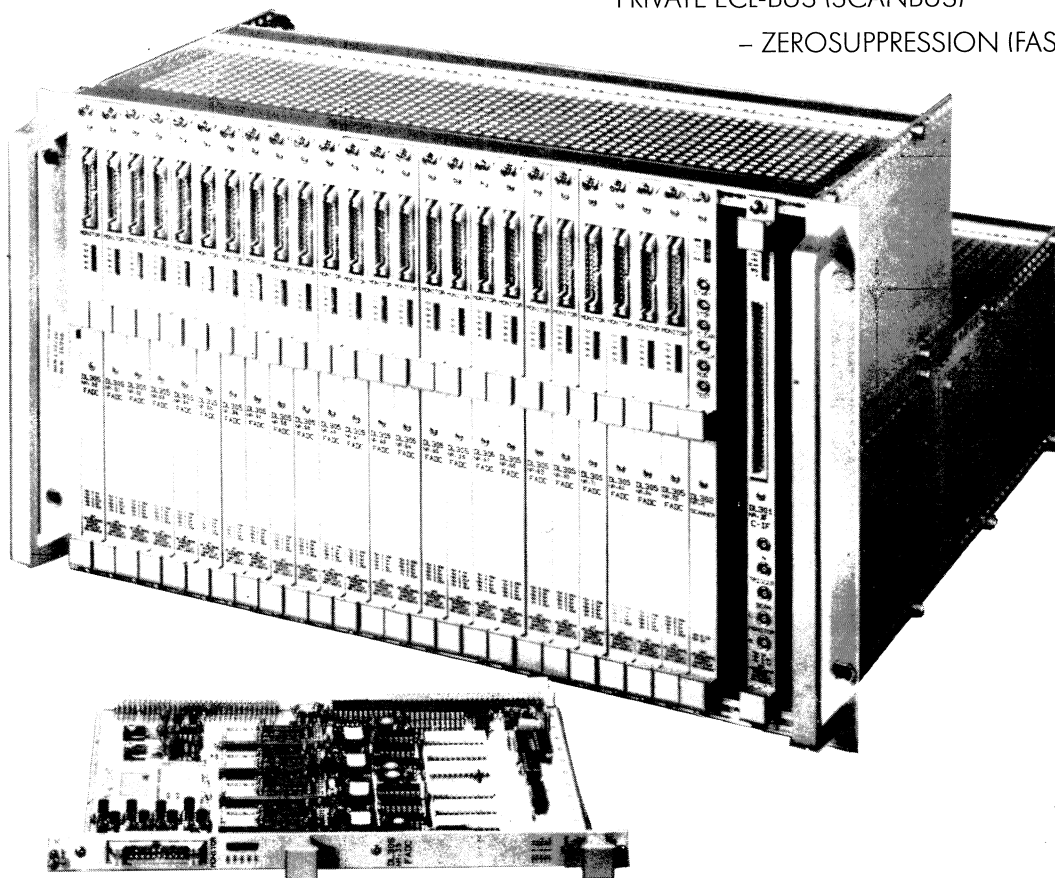
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