

### **Programming and software for the LEO I computer.**

All the systems analysis and software for the J Lyons company's in-house business applications was undertaken by Lyons staff. None of the original programs have come to light at the time of writing this section.

LEO I was also used for outside work, starting in November 1951 when the Ministry of Supply offered Lyons £300 for carrying out some ballistic computations. (From 1939 – 1959, the Ministry of Supply was the government department responsible for providing equipment to all three armed services).

As time went by, the external applications for which LEO I was used included a part of the Ford Motor Company's Dagenham payroll, technical calculations for the aircraft industry, meteorological forecasting, actuarial calculations and calculating the minimum station-to-station distance for all British Rail stations in order for them meet statutory requirements for the calculation of fares.