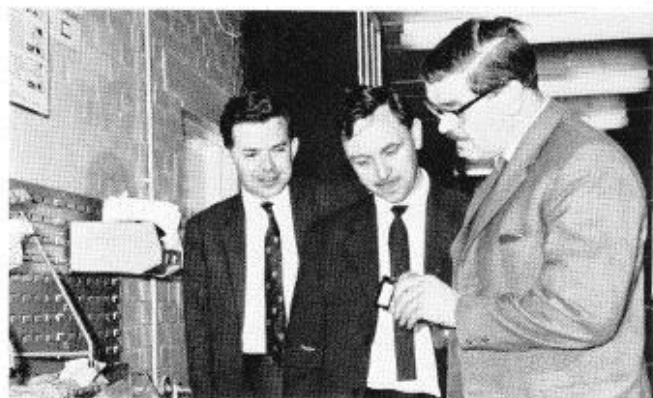
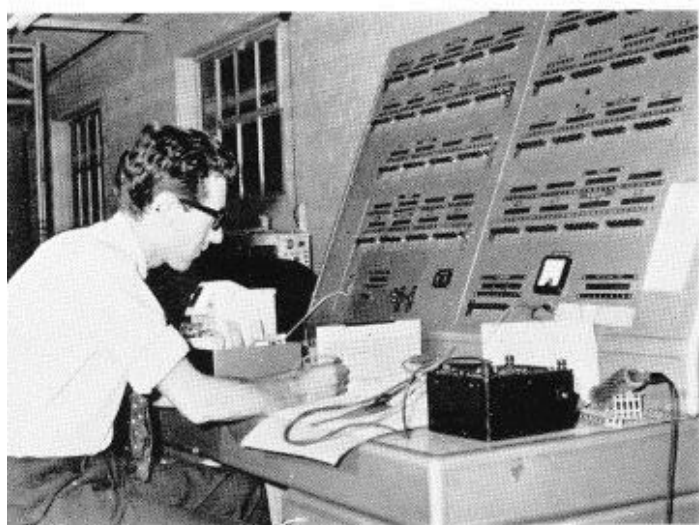




BUILDING THE MYRIAD

Myriad, the Marconi computer which could have as many applications as its name implies, is being built for Computer Division in the Company's workshops at Beehive Lane. Production is going ahead there to meet the orders we have already won, and our new microelectronics factory at Witham is supplying microcircuits for the assemblies.

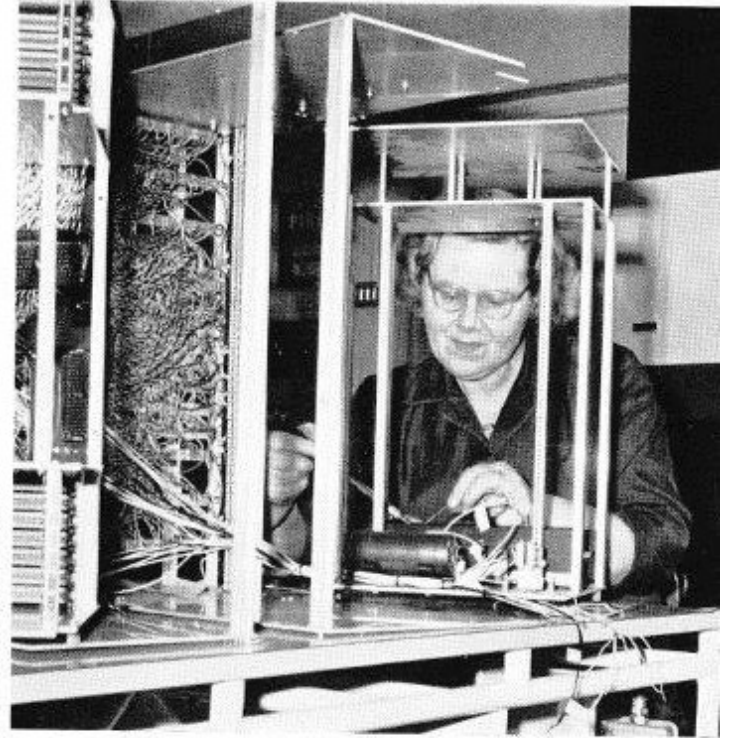
Already Myriad is being used in our satellite communications and Services' radar systems. It has also been ordered, for example, by the Royal Research Establishment, by Sweden for meteorological work, and even for road traffic control.



LEFT: Circuits for Myriad being checked on the Dart tester by Bob Taylor. ABOVE: Supplies for the assembly of Myriad are handled by, left to right, Jim Cole, Chief of planning, and Alan Hambley and Bill Stanbury, Senior Planners



LEFT: The printed board complex for Myriad. Printed boards with sub-boards containing modules made at Witham being assembled by, left to right, Mrs. Joan Oshorne, Mrs. Elsie Grundy and Mrs. Joyce Clifford. ABOVE: A 16,000 word store for Myriad with Mrs. Edna Green inserting crimped leads, and RIGHT: Mrs. Kathleen Fitzgerald connecting one of the many hundreds of leads

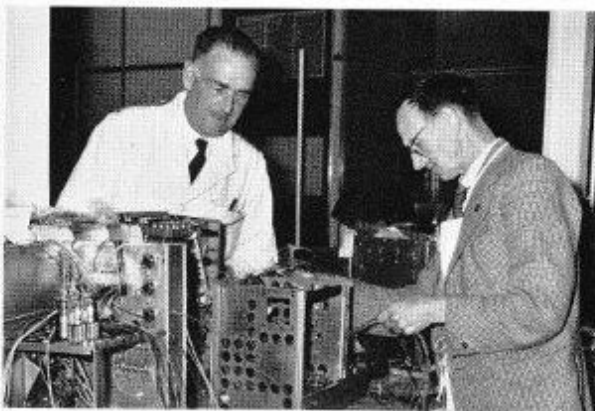


Altogether thirty-one of these computers have been sold—nineteen of them for export. So, as every new computer takes shape in our establishments and is finally tested and sent for shipping, everyone who has had a hand in building it will know that there goes another Myriad bearing our flag. And, if it is being used in airways control, it will be the safeguard of thousands of lives a day.

The building of this more-than-important piece of equipment is done, in the early stages, mostly by housewives who work while the children are at school and knock off at four o'clock to go home and get the family's tea. There is also a large evening

shift of wives whose husbands baby-sit. They have good working conditions with clean air, and they are encouraged to wear overalls to reduce dust. It is essential to keep dust to a minimum on this job, and this is why people are asked, when first entering the factory, to put clothes in their lockers, to put on overalls, and to wipe their feet on the special sticky mat. Benches have steel frames and formica tops. Paperwork, where it is necessary, is put in polythene bags, and the place looks clinically clean.

The bench racks are plastic, very neat systems which can be broken down into numbers of small containers, and there is a constant feed of racks



RIGHT: A mains input unit for Myriad being assembled by Mrs. Lilian Francis. This unit distributes power to the sections of the computer. ABOVE: Jack Warner, Foreman, left, with Wilf Chorley who has completed thirty-eight years service





from stores to the assembly benches planned to link with the work in progress.

Beehive Lane Research and Development Workshops, administered by R. W. Stiles their Works Manager, are self-supporting and self-contained, and are responsible for their own supplies. They cater entirely for computer assembly, and this progresses in stages starting from the printed board. Microcircuits come mainly from Witham, and a small hand-container of them is worth several hundred pounds. Assembled units are tested at the end of the line in their own sections, but the complete computer is now taken for final test to the new computer test department at Widford.

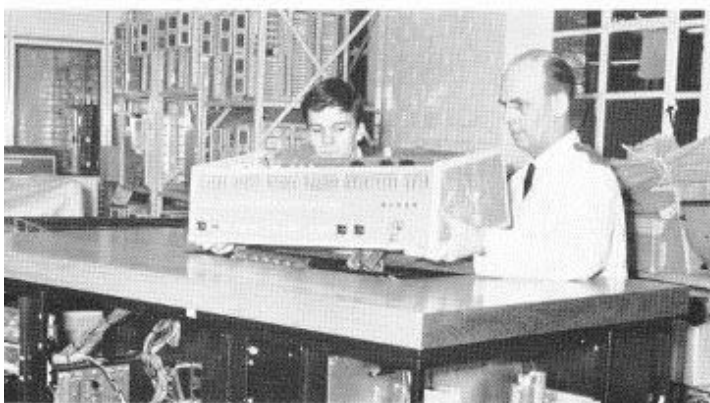
ABOVE, RIGHT: Commissioning test for a newly assembled Myriad computer. Reg Daniels is carrying out the test routine

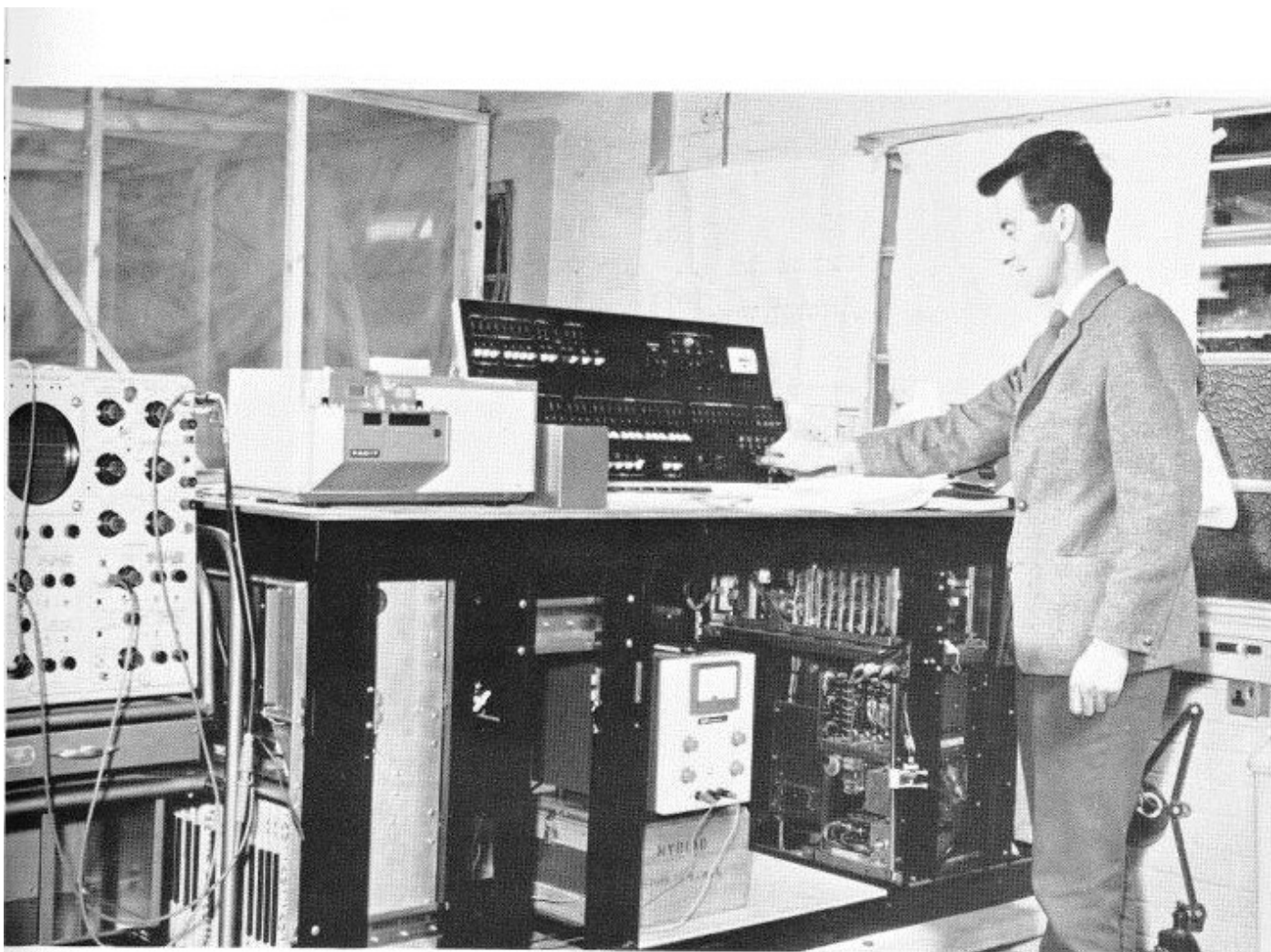
ABOVE, LEFT: Making the cableform which connects the sections of the main frame assembly. Left to right: Mrs. Peggy Wade, John Routledge, Chargehand, Cabinet Assembly, and Mrs. Sybil Cowell

CENTRE, LEFT: Also making a cableform are Mrs. Irene Knight, left, and Mrs. Dorothy Howes

BELOW, LEFT: A control panel being placed in position on a main frame. On the right is Jim Christopher, Foreman, Cabinet Assembly, and with him is John Routledge

BELOW: Power units for Myriad under inspection. Left to right, Jack Shores, Inspector, Owen Ephraim, Test Manager, Computers, and George Parmenter, Inspection Supervisor





BELOW, LEFT: Jack Warner, Foreman, Section B, left, and Claude Stoneham, Senior Foreman. BELOW, RIGHT: Circuits of a logic unit being checked automatically. Left to right, G. Murgatroyd, Chief Circuit Checker, C. Boucher, Production Superintendent, and G. C. Williams, Manufacturing Manager

