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NEWS

OLYMPUS 1 SATELLITE FOR SOLAR SIMULATION TESTS

The Space and Communications Division of British Aerospace has successfully completed the assembly and integration of the world's largest and most powerful civil three-axis stabilized communications satellite.

A specially chartered Belfast transport aircraft took the multipurpose Olympus 1 satellite from Stansted to Pasadena, California, where it will start its solar simulation tests in early June in NASA's jet propulsion laboratory. The tests are designed to prove that the thermal design of the spacecraft copes with severe extremes of temperature encountered in space.

From there it will go to the David Florida Laboratories in Canada for further environmental testing and will be ready for launch in September 1988.

Assembled and integrated at the Space and Commuications Division's Stevenage factory, the body of the satellite measures 2.9 m (9 ft. 6 in.) wide and is 5.6 m (18 ft. 4 in.) long. Its solar array stretches over 25.6 m (84 ft.).

Once in orbit, Olympus 1 will demonstrate its multi-communications payload, pioneering the way for a new generation of satellites which will represent the largest and most powerful range of communications satellites in the world. (BIS: B235, Issued by *British Information Services*, British High Commission, Chanakyapuri, New Delhi 110 021).

NATIONAL SYMPOSIUM ON INDUCTION MELTING SYSTEMS FOR FERROUS ALLOYS

The Director General, Technical Development, Government of India has sponsored holding of the above Symposium under the joint auspices of the Indian Institute of Metals and All India Induction Furnaces Association at New Delhi on 25th & 26th September, 1987.

The symposium will provide a forum for interaction amongst the technologists, entrepreneurs and users of ferrous alloy products. Since Induction melting system is becoming fairly a competitive route for melting ferrous castings, stainless steel ingots and castings and other ferrous alloys as such the two days deliberations all aspects of Induction melting system will be discussed.

Invited papers and contributed papers will be presented in the Symposium. Suitable recommendations will be made for consideration of concerned Government Departments and others. Further details can be had from the Secretariat Office for Symposium, B-31, Deepali, Pitampura, Delhi 110 034.