



Inmarsat Satellite Transition from I3 to new I4 Satellite

A successful transition from the Inmarsat I3 Satellite to the new generation I4 Satellite in the Indian Ocean Region (IOR) took place at 2000 UTC Saturday 28th May 2005.

The entry into commercial service of the first I4 Satellite means that for the first time, subscribers to services such as Fleet 77 128kbit/s, Fleet 55 & 33 and maritime Mini-M, will be able to use their equipment to the full in areas where previously Inmarsat-3 spot-beam coverage was incomplete. Coverage by spot beam of the entire Indian Ocean Region is now possible.

The following services will benefit from the coverage enhancement:-

Fleet 77 -128kbit/s Mobile ISDN Data

Fleet 55 - 64kbit/s Mobile ISDN, MPDS and fax

Fleet 33 - 9.6kbit/s data, MPDS and fax

Mini-M - Voice, Fax and Data

Compared with an Inmarsat-3 satellite, the I-4 boasts 60 times more power, 25 times the receiver sensitivity, 16 times the capacity and 12 times greater efficiency in its use of radio spectrum.

The second I-4 satellite - which will cover the Atlantic Ocean Region - is currently expected to be launched later this year. Together the I-4 series of spacecraft will deliver Inmarsat's vision of Broadband for a Mobile Planet™.

Inmarsat London, 29.05.2005

May
2005

SMD Telecommunications CC

Head Office:
53 Paardeneiland Road
Parden Eiland
Cape Town 7405
Tel: +27-21-5110556
Fax: +27-21-5112886

336 Umbilo Road
Durban 4001
Tel: +27-31-2051122
Fax: +27-31-2050999

7 Moonfish
Meerensee
Richards Bay 3901
Tel: +27-35-7534911
Fax: +27-35-7534271

sales@smd-marine.co.za
www.smd-marine.co.za