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COMMITTEE ON THE PEACEFUL  
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON  
REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Letter dated 14 October 1983 from the Permanent Representative of  
India to the United Nations addressed to the Secretary-General

In pursuance of the Convention on Registration of Objects Launched into Outer Space, I have the honour to transmit to you the following information concerning INSAT-IB satellite and its upper stage, namely, payload assist module, launched from the Eastern Space and Missile Centre, Cape Canaveral, United States of America, on board the eighth flight of United States-NASA Space Transportation System (STS):

(a) Name:	INSAT-IB satellite
Launch vehicle:	United States Space Transportation System (STS) flight No. 8; orbiter "Challenger"
Launch date:	Lift-off: 30 August 1983 Deployment from STS: 31 August 1983
Launch site:	Eastern Space and Missile Centre, Cape Canaveral, United States
Orbit characteristics:	Geosynchronous orbit Longitude 74+0.1° east 24-hour orbit
Purpose:	Operational multipurpose satellite for telecommunications, meteorological imaging and data relay, radio and television programme distribution and direct television broadcasting for community reception

(b) Name: Spent payload assist module (PAM) motor and non-functional objects originally part of PAM and PAM-satellite adapter used for INSAT-IB satellite launching

Launch vehicle: United States Space Transportation Systems (STS) flight No. 8; orbiter "Challenger"

Date of launch: Lift-off: 30 August 1983  
Deployment from STS: 31 August 1983

Launch site: Eastern Space and Missile Centre, Cape Canaveral, United States

Orbital characteristics: Perigee altitude: 296 km  
Apogee altitude: 37,122 km  
Inclination: 24.17°

Purpose: It was used to put INSAT-IB satellite into geostationary transfer orbit upon separation from STS in 296 km circular low-earth orbit

(Signed) N. KRISHNAN  
Ambassador, Permanent Representative  
of India to the United Nations

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