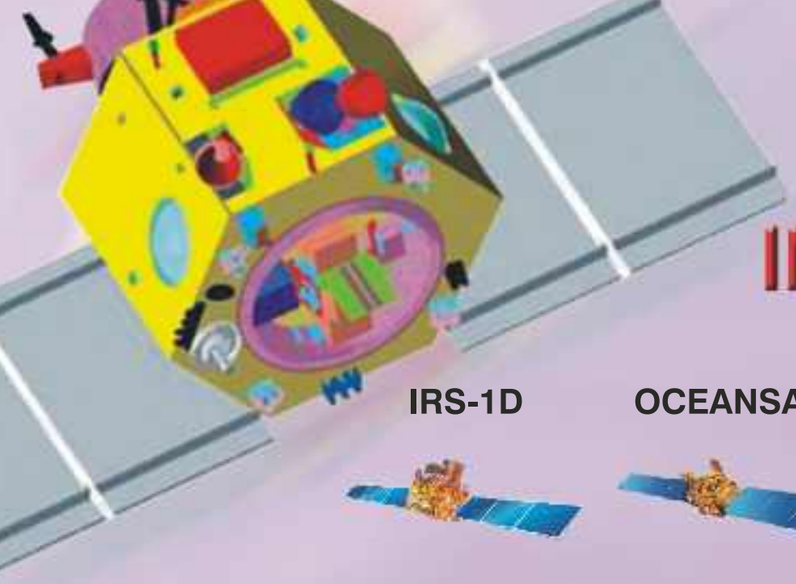

INDIAN REMOTE SENSING SATELLITES IN SERVICE

	IRS-1D	OCEANSAT-1	TES	RESOURCESAT-1	CARTOSAT-1	CARTOSAT-2	CARTOSAT-2A	IMS-1
								
Date of Launch	September 29, 1997	May 26, 1999	October 22, 2001	October 17, 2003	May 05, 2005	January 10, 2007	April 28, 2008	April 28, 2008
Launch Vehicle	PSLV-C1	PSLV-C2	PSLV-C3	PSLV-C5	PSLV-C6	PSLV-C7	PSLV-C9	PSLV-C9
Launch Centre	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India	Satish Dhawan Space Centre SHAR, Sriharikota, India
Lift-off Mass	1250 kg	1050 kg	1108 kg	1360 kg	1560 kg	650 kg	690 kg	83 kg
Power	800 Watt	750 Watt	850 Watt	1250 Watt	1100 Watt	900 Watt	900 Watt	220 Watt
Mission Life	3 Years	5 Years	3 Years	5 Years	5 Years	5 Years	5 Years	2 Years
Payload	Three solid state Push Broom Cameras: Panchromatic Camera (PAN) with 5.8 metre resolution, Linear Imaging Self Scanner (LISS-3) with 23.5/70 metre resolution and Wide Field Sensor (WiFS) with 188 metre resolution	Ocean Colour Monitor (OCM) with a spatial resolution of 360 metre and Multi-frequency Scanning Microwave Radiometer (MSMR) with a spatial resolution of 40 to 120 km	PAN with a spatial resolution of < 2.5 metre	High resolution multispectral LISS-4 with 5.8 metre resolution, medium resolution LISS-3 with 23.5 metre resolution and Advanced WiFS with 56 metre Resolution	Two PAN Cameras (PAN-fore mounted with a tilt of +26 deg and PAN-aft mounted with a tilt of -5 deg from yaw axis to generate stereoscopic imagery) with a spatial resolution of <2.5 metre	Single PAN Camera with+45 deg along/across track steering from 630 km altitude with a spatial resolution of better than 1 metre	Single PAN Camera with +45 deg along/across track steering from 630 km altitude with a spatial resolution of better than 1 metre	Two optical payloads: A Multispectral camera (Mx Payload) with a spatial resolution of 37 metre and a Hyperspectral camera (HySI payload) with a spatial resolution of 506 metre

June 2008

Indian Space Research Organisation

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