

USE OF SPACE TECHNOLOGY FOR BORDER MANAGEMENT

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Ministry of Home Affairs

Use of Space Technology for Border Management

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Union Government has formed a Task Force for identifying areas for use of space technology in improving border management headed by Joint Secretary (Border Management) with members from Border Guarding Forces (BGFs) and Indian Space Research Organisation (ISRO).

The Task Force consulted all stake holders including BGFs, ISRO, National Security Council Secretariat (NSCS) and Ministry of Defence (MoD) before finalising the report.

Details of the areas identified for use of space technology are as under:-

- (i) Island development and security
- (ii) Border Surveillance
- (iii) Communication and Navigation
- (iv) GIS and Operations Planning System
- (v) Border Infrastructure Monitoring

For phase wise implementation of the report, a short, medium and long term plan has been prepared. Details are as under:

<u>Term</u>	<u>Actions</u>	<u>Amount</u>	<u>Timeline</u>
Short Term	Establishment of network infrastructure	130 Crore	One year

	and computing requirements for all CAPFs, hiring of transponders for satellite communication and procurement of satellite data for immediate operational use of the forces.		
Medium Term	<ul style="list-style-type: none"> • Development of infrastructure and storage capacity for MHA, capacity building of CAPFs. • Launch of one satellite for exclusive use of MHA by ISRO and establishment of ground segment to receive inputs from satellite. • Operationalization of COPS/ BOPS Software developed jointly by ISRO/ CAPFs. 	80 Crore	Three years
Long Term	Launch of additional satellites as per need, up gradation of ground segment, full operationlisation of COPS/BOPS software, Capacity building of CAPFs for using space technology.	70 Crore	Five Years

This project will strengthen island and border security by providing observation, communication and navigation capability to border guarding and internal security forces in remote areas. It will also help Ministry of Home Affairs in planning and monitoring of development of border and island infrastructure.

This was stated by the Minister of State for Home Affairs, Shri Kiren Rijiju in a written reply to a question in the Lok Sabha today.

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