

**GOVERNMENT OF INDIA
SPACE
LOK SABHA**

UNSTARRED QUESTION NO:1834

ANSWERED ON:03.12.2014

COOPERATION WITH CHINA

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Will the Minister of SPACE be pleased to state:

- (a) whether India has signed any agreement with China to develop remote sensing satellites for disaster management and preparedness;
- (b) if so, the details thereof;
- (c) the time by which the satellites will be launched; and
- (d) the steps taken/proposed to be taken by the Government for collaboration with other countries for the development of space programme?

Answer

MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PG & PENSIONS AND IN THE PRIME MINISTER'S OFFICE (DR. JITENDRA SINGH):

(a)&(b) No Madam. However, a Memorandum of Understanding (MoU) between Indian Space Research Organisation (ISRO) and China National Space Agency (CNSA) on cooperation in the peaceful use of outer space was signed on September 18, 2014 at New Delhi. As per this MoU, the Cooperative activities may include the following areas:

- (i) Research and development of scientific experiment satellites, remote sensing satellites and communications satellites;
 - (ii) Launch, tracking and control services for satellites including in-orbit operation and management;
 - (iii) Research, development, utilization and applications of satellite ground systems;
 - (iv) Material processing in space, atmospheric sciences, radio astronomy, astrophysics and microgravity testing; and other mutually agreed areas.
- (c) Does not arise.

(d) ISRO is pursuing cooperation with other countries on peaceful uses of outer space. Cooperative agreements are signed with 35 countries. The areas of cooperation include

- (i) Remote Sensing of Earth,
- (ii) Satellite Communication,
- (iii) Launch Services,
- (iv) Telemetry & Tracking Support,
- (v) Space Exploration,
- (vi) Space Law and
- (vii) Capacity Building.

ISRO is currently working with space agencies of:

- (i) USA, to realize Dual frequency (L& S band) Synthetic Aperture Radar mission for Earth observation and
- (ii) Canada, to realize Ultra Violet Imaging Telescope (UVIT) to be accommodated in India's ASTROSAT satellite.