

**GOVERNMENT OF INDIA  
EARTH SCIENCES  
LOK SABHA**

STARRED QUESTION NO:200  
ANSWERED ON:04.08.2006  
REAL TIME SEISMIC MONITORING NETWORK  
Tripathy Shri Braja Kishore

**Will the Minister of EARTH SCIENCES be pleased to state:**

- (a) whether India Meteorological Department proposes to set up Real Time Seismic Monitoring Network in the country ;
- (b) if so, the details thereof , location-wise;
- (c) the salient features of the said system;
- (d) the details of the estimated expenditure to be incurred in setting up of such stations; and
- (e) the time by which such stations will start functioning in the country?

**Answer**

MINISTER OF SCIENCE & TECHNOLOGY AND MINISTER OF EARTH SCIENCES (KAPIL SIBAL)

(a) to (e) A statement is laid on the Table of the House

STATEMENT AS REFERRED TO IN REPLY TO THE PART (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. 200 FOR 04.08.2006 REGARDING 'REAL TIME SEISMIC MONITORING NETWORK'

a) Yes, Sir.

b) India Meteorological Department (IMD) is in the process of setting up a 17- station Real Time Seismic Monitoring Network (RTSMN) as a part of the Early Warning System for Tsunamis and Storm Surges in Indian Ocean being set up by Government of India. The locations of the field stations are : Bhuj, Bhopal, Chennai, Bokaro, Pune, Thiruvantapuram, Visakhapatnam, Shillong, Goa, Dehradun, Shimla, Port Blair, Diglipur, Campbell Bay, Minicoy, Dharamashala and Hyderabad.

(Location wise map enclosed)

(c) The salient feature of RTSMN will be that each station will be equipped with seismic and GPS (Global Positioning System) sensors with facility to transmit the data through satellite communication to a Central Receiving Station at New Delhi (IMD) and Hyderabad (Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences) for real time processing and interpretation of Tsunamigenic seismic sources.

d) The estimated expenditure for setting up RTSMN is around Rs.10 Crores.

e) It is expected that the complete Real Time Seismic Monitoring Network

(RTSMN) will start functioning by the mid of 2007.