

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:1078  
ANSWERED ON:25.11.2009  
LAUNCH OF OCEANSAT-02  
Owaisi Shri Asaduddin

**Will the Minister of SPACE be pleased to state:**

- (a) whether ISRO has recently launched Oceansat-02;
- (b) if so, the details thereof including the total cost of the project;
- (c) the main benefits from the satellite;
- (d) whether the satellite is functioning as per the expectation of the ISRO; and
- (e) the extent to which this satellite is likely to monitor sea and cyclone?

**Answer**

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE, MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES & PENSIONS,  
MINISTRY OF PARLIAMENTARY AFFAIRS , MINISTRY OF SCIENCE & TECHNOLOGY AND MINISTRY OF EARTH  
SCIENCES(SHRI PRITHVIRAJ CHAVAN)

(a) Yes, Sir.

(b) Oceansat-02 was launched using India's Polar Satellite Launch Vehicle (PSLV) on September 23, 2009 from Sriharikota. The satellite has 3 instruments on board, namely Ocean Colour Monitor (OCM) to monitor chlorophyll in oceans, a Scatterometer to monitor ocean surface wind and a Radio Occultation Sounder for atmosphere. The total cost of the project is Rs.129.15 crores.

(c) The data from Oceansat-02 will facilitate identification of potential fishing zones; deriving ocean surface wind velocity, forecasting ocean state, study of temperature and humidity of atmosphere etc.

(d) Yes, Sir.

(e) This satellite will facilitate monitoring of sea, specifically chlorophyll in sea waters, and fronts and eddies in the ocean. This satellite will also provide additional data for understanding cloud system and cyclone related studies.