

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION No. 963
TO BE ANSWERED ON THURSDAY, MARCH 09, 2017**

Damage due to Oil Spill on Chennai Coastal Line

963. PROF. M. V. RAJEEV GOWDA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether the Indian National Centre for Ocean Information Services (INCOIS) has been able to correctly predict the scale of damage done due to recent oil spill on Chennai coastline;**
- (b) if so, the details thereof;**
- (c) whether the Ministry is planning to consult other stakeholders to revise the National Oil Spill Disaster Contingency Plan (NOS-DCP) so as to minimize damage in future due to such incidents; and**
- (d) if so, the details thereof?**

ANSWER

**MINISTER OF STATE FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(SHRI Y. S. CHOWDARY)**

- (a) Yes, Sir.**
- (b) INCOIS, MoES is involved in oil spill trajectory prediction during the occurrence of oil spills. Based on the information provided by Indian Coast Guard such as location, Type of oil and approximate quantity. INCOIS predicted the drift pattern of the spilled oil since 28.01.2017,04.00 hrs, with the help of the Oil spill trajectory prediction system. As per the trajectory prediction, the length of the coastline that was likely to get affected is tabulated below. In addition to that, the quantity of the spilled oil that is floating, beached and evaporated was also predicted and sent to Indian Coast Guard for response operations.**

Date/time	Predicted length of the affected coastline(km)	Landmark
Spill on 28.01.2017,04.00 hrs	-	Lat: 13.228166° N Lon: 80.363333° E (Off Ennore)
28.01.2017,14.00 hrs	7	North of Thiruvottiyur
29.01.2017,04.00 hrs	13	Ennore Fishing Harbour

30.01.2017,04.00 hrs	18	Sathya Nagar
31.01.2017,04.00 hrs	24	North of Adyar river mouth
02.02.2017,23.00 hrs	30	Thiruvanmiyur
04.02.2017,23.00 hrs	36	Palavakkam
06.02.2017,23.00 hrs	45	South east of VGP Beach
07.02.2017,23.00 hrs	51	Kovalam Beach
08.02.2017,23.00 hrs	52	AMET university

(c) **Yes, Sir.**

(d) **A National Oil Spill Disaster Contingency Plan (NOS-DCP) has been developed for implementation to deal with the oil spills occurring along the coast of India. The Indian Coast Guard works with relevant stakeholders viz., Ministry of Shipping, Ministry of Environment and Forests & Climate Change and the Ministry of Earth Sciences. The NOS-DCP was revised in 2015 incorporating the international requirements and standard practices, which needs to be strengthened incorporating the legal provisions for enforcement.**
