

GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
RAJYA SABHA
UNSTARRED QUESTION No. - 972
ANSWERED ON 15/12/2022

UPDATE ON DEEP OCEAN MISSION SCHEME

972. SHRI P. WILSON:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) whether Government has data on funds allotted and disbursed for Deep Ocean Mission across the country including the State of Tamil Nadu;
- (b) the details of development of technologies for deep sea mining and Manned Submersible under the Deep Ocean Mission Scheme and whether Government has conducted any studies to get energy and fresh water from oceans; and
- (c) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER FOR STATE (INDEPENDENT CHARGE) FOR
MINISTRY OF SCIENCE AND TECHNOLOGY
AND EARTH SCIENCES
(DR. JITENDRA SINGH)

- (a) Yes, Sir. Deep Ocean Mission is a multidisciplinary and multi-institutional national effort. Organisations under the Ministry of Earth Sciences and national institutes in the country including Tamil Nadu are involved in implementation of the mission.
- (b)&(c) Technologies for Deep Sea Mining and Manned Submersible are being developed under the mission. Ministry through National Institute of Ocean Technology (NIOT) has developed Low Temperature Thermal Desalination and four plants are in operation in islands of UT Lakshadweep and 5 more plants with a capacity of 1.5 lakh litres per day are being installed. Desalination plant powered by Ocean Thermal Energy Conversion (OTEC) is being set up in Kavaratti, Lakshadweep islands.
