

Survey and Extraction of Metals in Indian Ocean Sea-Bed

3388, SHRI K. MOHAN DAS : Will the PRIME MINISTER be pleased to state :

(a) whether any estimate has been made about the quantity of different metals in the Indian Ocean sea-bed;

(b) if so, the details thereof;

(c) whether there is any scheme for survey and extraction of these metal;

(d) whether India has the requisite technological expertise in this regard; and

(e) if not, whether the assistance of other countries has been sought and the result to exploration and extraction so far ?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, SPACE, AND ELECTRONICS (SHRI SHIVRAJ V. PATIL) : (a) and (b) No Sir. The sea-bed of the Indian Ocean is very extensive and hence it is difficult to have an accurate estimate of the quantity of different minerals or the metals contained therein. However, extensive survey is being carried on by the National Institute of Oceanography, Goa and other institutions in selected regions such as the continental shelf and the deep sea. The results of the survey have been highly encouraging.

(c) Yes Sir. From several ore-bearing deposits, metals are being extracted. For example, titanium, zirconium, vanadium, thorium, etc. are being extracted from the minerals ilmenite, monazite, rutile and zircon, which occur as placer deposits.

The most promising deposits in the deep sea are the polymetallic nodules. From the nodules, the three most important metals namely, copper, nickel, and

cobalt have been extracted at the laboratory scale. Efforts are underway to develop pilot scale operations.

(d) Yes Sir, India has the required technological expertise which is being enhanced further.

(e) So far no assistance from any foreign country has been sought in marine survey and extraction of metals.

Report of the Committee on Introduction of Modern Office Machines and Equipments

3389, SHRI K. RAMAMURTHY :

SHRI V. SOBHANADREESWARA RAO :

Will the PRIME MINISTER be pleased to state :

(a) whether the Committee set up to examine the feasibility of introducing modern office machines and equipments in Ministries/Departments has submitted its report;

(b) if so, the main recommendations made in the report ; and

(c) the action taken by Government thereon ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL AND TRAINING, ADMINISTRATIVE REFORMS AND PUBLIC GRIEVANCES AND PENSION AND IN THE DEPARTMENT OF CULTURE (SHRI K.P. SINGH DEO) : (a) to (c) The Committee has not finalised its recommendations. At the instance of the Committee, studies are being made in selected Ministries/Departments to find out office equipment and machines in use and to examine the feasibility of further modernisation.

Implementation of Recommendations of Management Studies

3390, SHRI K. RAMAMURTHY : Will the PRIME MINISTER be pleased to state :

(a) whether the 27 Management Studies undertaken during 1983/84 by the Department of Personnel and Administrative Reforms have been completed ;

(b) if so, the action taken on the recommendations contained in these Management Studies ;

(c) whether the important recommendations contained in 18 Management Studies completed by the Department of Personnel and Administrative Reforms in 1983/84 have been implemented by the different concerned Ministries/Departments ; and

(d) if not the steps taken by Government in this regard ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL AND TRAINING, ADMINISTRATIVE REFORMS & PUBLIC GRIEVANCES AND PENSION AND IN THE DEPARTMENT OF CULTURE (SHRI K.P. SINGH DEO) : (a) and (b) A statement showing the status of each study is laid on the Table of the House. [Placed in Library. See No. LT—1084/85]

(c) and (d) To expedite decisions on the recommendations contained in study reports, Empowered Committees are required to be constituted by the respective Ministries/Departments, and a watch on action taken is kept by the Department of Administrative Reforms and Public Grievances Progress made in the processing and implementation of the recommendations made in the reports, based on information available, is given in Annexure-II

Representation of SC/ST officers in all Indian/Central/Group 'A' Services

3391. SHRI K. RAMAMURTHY Will the PRIME MINISTER be pleased to state :

(a) whether the study regarding representation of Scheduled Castes and Scheduled Tribe officers in the All India Central Group 'A' Services and

also the study on the mobility of scientific personnel for devising measures to facilitate increased mobility of scientific personnel among Central Government departments, Public sector undertakings, Universities and autonomous organisations have been completed; and

(b) if so, the salient features revealed by these studies ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL AND TRAINING ADMINISTRATIVE REFORMS & PUBLIC GRIEVANCES AND PENSION AND IN THE DEPARTMENT OF CULTURE : (SHRI K.P. SINGH DEO) : (a) No Sir.

(b) Does not arise.

Beautification Around Konark Temple

3392 SHRIMATI JAYANTI PATNAIK: Will the Minister of CULTRE be pleased to state the progress of the work regarding beautification and land-scaping of the area around Konark Temple undertaken by Archacological Survey of India ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL AND TRAINING ADMINISTRATIVE REFORMS AND PUBLIC GRIEVANCES AND PENSION AND IN THE DEPARTMENT OF CULTURE (SHRI K.P. SINGH DEO).7 acres of land within the Konark- temple complex are being beautified by laying lawns, flower beds & plantation of shrubs Landscaping of the 26 acres of land around the temple is also proposed to be taken up.

Protected Monuments

3393. SHRIMATI JAYANTI PATNAIK : Will the Minister of CULTURE be pleased to state :

(a) the number of Centrally protected monuments in different states and union territories ;

(b) the names of the archaeological circles which are looking after those monuments; and