

[English]

**PROF. MADHU DANDAVATE :** The rates of kerosene and diesel and petrol on the other side have a lot of difference between them. In the Second World War to avoid adulteration it was insisted that some colour should be added to kerosene so that whenever kerosene is added to either diesel or petrol, it can be detected. In many countries that experiment has succeeded and prevented adulteration. Will the Minister try that experiment in our country so as to produce similar results ?

**SHRI NAWAL KISHORE SHARMA :** The issue of developing suitable additive that can be added in kerosene to enable easy detection of admixture of kerosene in MS/HSD has been under consideration of Government. For the past several years, we have tried it, but it has not succeeded. It has not yielded results and we are now going in for dopping furfural in kerosene. This experiment is going on and there are problems with regard to this also. If and when we are certain that this furfural doping in kerosene would be an effective check, we would certainly try it.

#### Digital Electronic Telephone Exchange

\*844. **SHRIMATI KISHORI SINHA :** Will the Minister of COMMUNICATIONS be pleased to state :

(a) whether the first digital electronic telephone exchange has been installed in the country;

(b) if so, where and when;

(c) the name of the company from whom it was obtained and the quality of the equipment; and

(d) whether it has been working satisfactorily since installation ?

**THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) :** (a) Yes, Sir.

(b) At Bombay-Worli, on 10th April, 1985,

(c) and (d). The equipment was obtained from M/s. CIT-Alcatel, France. The quality and working of the equipment is generally satisfactory.

**SHRIMATI KISHORI SINHA :** The answer given by the Minister does not seem to be quite satisfactory. So, I would like to know from the Hon. Minister whether it is a fact that the exchange was to commence working in 1984 August, but this has been done so in 1985 April. If so, I would like to know the reasons for the delay.

**SHRI RAM NIWAS MIRDHA :** This was the first exchange to be introduced in our system and being of the latest digital type, we wanted that very stringent acceptance test should be adopted before it is really accepted. Then there were problems regarding air-conditioning, etc., which again set back the programme by some months. So, the time taken in completing the acceptance test has been a little high. It is because we were introducing it for the first time and we were not taking any chance with regard to the acceptance test and the stringent measures that we wanted to adopt.

**SHRIMATI KISHORI SINHA :** Sir, is it a fact that under the agreement with the French firm, 22 more sets have been imported ? And is Government going to import ten more, in view of its experience with regard to the working of the equipment being generally satisfactory ?

**SHRI RAM NIWAS MIRDHA :** One of the agreements that was entered while accepting this technology was that we would import 200 thousand lines of this system to be used in our country, and these 200 thousand lines are being installed right now. I will list out the places where the work is being done, in Delhi, in Calcutta and other places. I think this agreement was part of the original agreement and we are implementing it, in this manner.

#### Marine Effective Economic Zone

\*845 **SHRI DIGVIJAY SINH :** Will the Minister of DEFENCE be pleased to state :

(a) the surface area of the Marine Effective Economic Zone;

(b) the estimated strength at the fleet of patrol boats to patrol this area; and

(c) the existing strength out of this estimated strength and what it will be within the next two years ?

THE MINISTER OF DEFENCE (SHRI P.V. NARASIMHA RAO): (a) The Exclusive Economic Zone of India has been approximately estimated at 2.8 million square kilometers.

(b) and (c). The precise strength of the fleet of patrol vessels would depend on the type of the vessels and the desired intensity of patrolling. Information about the existing strength and the strength after 2 years is contained in the statement laid on the table of the House.

Statement

	Existing strength	Expected strength after 2 years
Inshore Patrol Vessels Seaward Defence Boats	9	14
Offshore Patrol Vessels	2	6
Deep Sea Patrol Vessels	—	—
Rescue-cum-Pollution control vessels.	—	—

Note : At present the Coast Guard is also operating 2 frigates and 3 'P' Boats transferred to it from the Navy in 1978.

SHRI DIGVIJAYA SINH : From the question you will decipher that the main focus of the information required is what is the desired intensity of patrolling in relation to the 2.8 million square kilometers of area. Therefore, I would like to ask, as to what

the difference is between the desired strength and the existing and expected strength.

SHRI P. V. NARASIMHA RAO : Sir, this question cannot be answered with any accuracy over a long period. Evidently, the idea is to find out how many patrol vessels would be needed, say by the turn of the century. There are so many variable and unpredictable factors that the number given today may not remain tomorrow. It may change to such an extent that it may become an inaccurate answer. That is why I have been careful in answering the question. But I can give certain information. Over a period of 15 to 20 years, no one can say what the intensity of the patrolling is going to be. Can anyone say that? It is just not possible. That is why I can give you the information in regard to what we have today, what we are going to have in the next five years. If that information is needed, I am prepared to give it; but over a period of 15 years if I am to say how much patrolling will be done and what will be the intensity of patrolling, then it is not possible.

SHRI DIGVIJAY SINH : The question is not only about the future requirement. The present requirement is something that we would like to know, i.e. what should be the desired strength, as compared to the total area of 2.8 million sq. kilometres.

SHRI P. V. NARASIMHA RAO : Again, we are coming back to the same question. I am sorry my point is not being appreciated. I can give you the number of patrol vessels we have to-day. I can give you the number of patrol vessels and other vessels which are proposed to be acquired in the next five-year Plan. But I cannot give you what will be the total requirement in a period of 15 to 20 years, because these are so many imponderable factors, and it is not possible to make an accurate estimate. (*Interruptions*) If the Hon. Member wants, I will give the information which I have.

MR. SPEAKER . The Question Hour is over now.

MR. SPEAKER : Now Papers Laid.  
Mr. P. V. Narasimha Rao.