

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE
LOK SABHA

UNSTARRED QUESTION NO.833
TO BE ANSWERED ON THE 7TH FEBRUARY, 2018

INSTALLATION OF SONARS

833. SHRI P.K. KUNHALIKUTTY:

Will the Minister of DEFENCE be pleased to state:

- (a) the number of indigenous sonars that have been installed so far in the submarines by Bharat Electronics Ltd. (BEL) and the time taken by them in such installation;
- (b) the time given by the Government to BEL to complete the sonar installation in all submarines and the reasons for the delay, if any;
- (c) whether the Government proposes to purchase the sonar systems from foreign countries and if so, the details thereof;
- (d) whether the software developed by Naval Physical Oceanographic Laboratory (NPOL) installed by BEL has completed sea-acceptance trial; and
- (e) if so, the details thereof?

A N S W E R

MINISTER OF STATE (DR. SUBHASH BHAMRE)
IN THE MINISTRY OF DEFENCE

राष्ट्रिय मंत्री

(डा. सुभाष भामरे)

- (a) **Bharat Electronics Ltd. (BEL) has installed 05 Indigenous sonars in the submarines from October, 2005 to March, 2016.**
- (b) **As per contractual milestones, all installations have been completed within respective refit timelines.**
- (c) **No, Madam.**
- (d) **Yes, Madam.**
- (e) **The software developed by Naval Physical Oceanographic Laboratory (NPOL) is an integral part of the Sonar subsystems and the Sea-Acceptance Trials (SATs) of the software are integrated with the SATs of Sonar USHUS.**