

**GOVERNMENT OF INDIA  
SPACE  
LOK SABHA**

UNSTARRED QUESTION NO:3347  
ANSWERED ON:16.03.2011  
STATIC TEST ST-02  
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**Will the Minister of SPACE be pleased to state:**

- (a) whether the S-200 Static Test (ST-02), L110 Stage test has been completed as planned earlier;
- (b) if so, the details thereof;
- (c) whether the work on C25 Cryogenic Engine for GSLV MK III has been completed; and
- (d) if so, the details thereof?

**Answer**

MINISTER OF STATE IN THE MINISTRIES OF PARLIAMENTARY AFFAIRS, PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND IN PRIME MINISTER'S OFFICE (SHRI V.NARAYANASAMY):

(a) & (b) The first Static Test (ST-01) of the S-200 solid booster stage of GSLV-MkIII, was successfully conducted in January, 2010 at Satish Dhawan Space Centre, Sriharikota. Presently, preparations are progressing for conducting the second Static Test (ST-02) of S-200 solid booster stage. The test is planned during mid-2011.

So far, stage-level tests have been completed for the L110 liquid core stage twice, at Liquid Propulsion Systems Centre (LPSC), Mahendragiri. The first test was conducted in March 2010 for a duration of 150 seconds; and the second test was for its full flight duration of 200 seconds, in September, 2010.

(c) & (d) The work towards realization of C25 Cryogenic Engine for the GSLV-MkIII programme is progressing well. Major sub-systems of the C25 Cryogenic Engine such as Gas Generator, Turbo-pumps for the Liquid Oxygen (LOX) and Liquid Hydrogen (LH2) have been realised and tested. Preparations for the testing of one of the major subsystem viz., Thrust Chamber are underway. The integrated test of the C25 Cryogenic Engine is planned for end 2011.