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5430-164:RBO:as
7 October 1958

Code 5000

Via : Code 5400 and Code 2300
Code 5430

NRL Problem 54RC6-29 for Lightweight, Subminiaturized Intercept System for Supersonic Vehicles; request for priority on

Ref : (a) BuAer ltr Aer-AV-4212 Ser 02982 of 5 March 1958

1. In requesting the Laboratory to accept the subject problem, the Bureau of Aeronautics in reference (a) stated that the desired completion date was 1 January 1959. In several conferences since the acceptance of this problem by NRL, BuAer representatives have emphasized the importance of expediting work on this problem and that its chief value lies in obtaining an early demonstration of the possibilities of this type of equipment. The code word TATTLETALE has been applied to this project by Op-39G and it may be used as an unclassified short title.

2. A considerable amount of study and planning have been done and a number of codes have undertaken to assist in the development of the equipment involved. These include 4115 (satellites), 4130 (data link transmitter and modulator, tracking transmitter, and several other items including assembly of the various units in the satellites), 5230 (thermal and vacuum tests), 5260 (command receivers), and 6260 (vibration and shock tests). Code 4100 has made available the services of Code 4105S, as coordinator and expeditor.

3. Present plans call for five satellites including prototype and spares; the tentative target date for completion of the prototype for electrical tests is 1 January 1959, with environmental tests to begin 1 February, and units available for operational use by about 1 April 1959.

4. In order to approximate these dates and to be able to schedule operational use with agencies outside NRL the strongest support will be necessary both within the Laboratory and in Vanguard. It is therefore requested that appropriate action be taken to establish a high priority for all work on this project (Problem 54RC6-29 and cooperating job orders) including supporting work by the Engineering Services Division. The necessity of overtime work should be anticipated.

J. H. TREXLER, Acting for
H. O. LORENZEN
Head, Countermeasures Branch

Copy to:

Code 4100

Code 4105S

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