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TO : Chief, Industrial Division

DATE: 3 September 1958

FROM : Chief, Guided Missile Branch

SUBJECT: Monthly Report, August 1058

1. Accomplishments:

a. Branch Projects Submitted:

The Branch contribution to Project No. 00.2408, Survey of U.S. Early Warning Capabilities, was forwarded on 7 August. A major Branch effort was devoted to detailed analyses of the current applicability and probable validity of guided missiles indicators as carried in the General Indications List. While the Branch; in its contribution, recommended modification in the statement of some indicators, it also recommended deletion of many of the guided missile-related items presently carried. Two principal factors led to recommending the large number of deletions: (1) the almost total lack of current information of the type required to make certain of the indicators usable, and (2) in many other cases the activity cited as an indicator, although of a type applicable to conventional weapons, was judged not a valid Indicator of hostile intent with respect to guided missiles because it concerned actions which would be arbicipated in the normal development of a guided missifle capability by the USSR. In general the review of indicators in the guided missile field pointed up the need for a complete reappraisal of the warning conditions which are likely to prevail relative to these weapons systems as they become deployed in quantity.

b. Other Projects Submitted:

(1) As the result of a request from the Special Assistant to the DDCI, an informal support paper (S-361) was prepared, discussing the changing nature of economic intelligence collection requirements stemming from Soviet production and deployment of guided missile systems.

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- (2) Special memoranda on current Soviet air-to-surface missile activity were prepared at the request of OSI for inclusion as articles in the SID, and at the request of the DD/I Coordinator for Guided Missiles Intelligence for inclusion in his monthly status report to the DD/I. The Branch will be submitting similar contributions in the future as part of its regular reporting program.
- c. Special Research: 39 hours

d. Other:

- (1) Project 37.2084: The Branch provided continuing support to the Board of National Estimates in connection with NIE 11-5-58 which was approved by the IAC on 19 August.
- Project 37.2414: Preliminary cost calcualtions and production scheduling rates for a variety of possible Soviet ICBM and other missile programs were prepared and the implications of each discussed informally with an IAC Ad Hoc Working Group established to assist in the preparation of a set of intelligence assumptions for use by the Net Evaluations Subcommittee of the NSC. The Branch's initial formal contribution, in the form of a complete cost analysis of an assumed Soviet guided missile program through 1963, will be forwarded to ONE in early September.
- Project 37.2122: Significant progress was made on this collection guidance project, intended to provide the DD/P a comprehensive listing and evaluation of reported guided missile launching sites in the USSR. The initial cataloguing of all reports was completed during August and the first of a series of formal quarterly reports to the DD/P on this subject will be forwarded in September. The material compiled to date has already been incorporated in Branch requirements for exploitation of special source materials.

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- (4) Project 37.2123: A draft of this project, assessing the involvement of the former Dnepropetrovsk Automotive Plant in the Soviet guided missile production program, is under review and will be forwarded in September.
- (5) In late August the Branch received an oral request from the Chairman, GMIC, to prepare a draft of a proposed briefing on the problems of collecting intelligence on the production of guided missiles. The Chairman, GMIC, had been asked by the CCPC to prepare such a briefing for possible presentation to selected members of the NSC. The Branch project (S-357) will be forwarded for review in mid-September.

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2. Training:

See Item 3 a, below.

3. Trips:

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attended the one-week special weapons orientation course at Sandia Base, New Mexico, 11-15 August.

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4. Administration:

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b. left the Branch in August upon completion of his 3 year tour of duty with the Agency.

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c. was assigned to the Branch during August, filling the IAC slot vacancy resulting from the reassignment of 25X1A9a

5. Plans: No change

6. Problems: No change

7. Recommendations: None

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