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16 July 1971

MEMORANDUM FOR THE RECORD

SUBJECT: Contents of Black Notebooks Kept in ONE by Soviet Military Estimators

VOLUME III: QUANTITATIVE ESTIMATES, MAJOR SOVIET FORCE COMPONENTS AND WEAPON SYSTEMS

1.* Terms of Reference, Second Draft, Estimative History of Soviet Military Programs and Policy Since 1950, by H[oward] Stoertz, 12 March 1963, 4 pp., S. Terms of reference for a historical review of the development of Soviet military forces since 1950. Major headings: I. Validation and Modification of Physical Series. II. Human and Physical Resources Committed. III. Principal Decisions and Factors Influencing them.

2. Milestones in a Weapon System Program, Draft, by H[oward] Stoertz, 18 March 1963, 3 pp., C. Working Outline, with unnumbered headings: Research and Development, Production, Service use, modification or improvements, Qualitative Description of the Program, and Sources of Information.

3. Estimated History of Soviet Military Policy and Programs Since 1950, by H[oward] Stoertz, 20 March 1963, 2 pp., S. Outline for a study: Reasons for starting at 1950. Phase I - Validation and modification of historical series. Phase II - Soviet military decision-making. Phase III - Summary evaluation.

* Consisting of loose papers found in the front part of the looseleaf notebook which has been designated as Volume II by the CIA Historical Staff. The HS has the papers in chronological order and assigned identifying serial numbers.

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4. Memorandum, unaddressed, by H[oward] Stoertz, Estimative History of Soviet Military Programs and Policies Since 1950, 1 April 1963, 5 pp., S, transmitting Terms of Reference on same subject, also 1 April 1963, 4 pp., S. Later draft of items 1 and 3 above. Proposes method by which DDI can undertake a historical study of Soviet military programs and policies in response to views of DDI Strategic Weapons Coordinating Group.

5. Choosing Strategies and Selecting Weapon Systems, Address by Dr. Alain C. Enthoven, Deputy Assistant Secretary of Defense (Systems Analysis), before the Naval War College, Newport, R.I., 6 June 1963, 24 pp. Addresses question of how to make fundamental choices of weapon systems and strategies. Kinds of information needed to make these choices; basis on which to make choices. Rules by which civilian and military advisors to policy makers make the final and critical decisions. An orientation to cost and weapon system analysis.

6. Memorandum for Assistant Director, National Estimates, by [redacted] Chairman, CIA/DIA, Joint Analysis Group, Suggested Approaches to Meet DOD Requirements for Detailed Intelligence Support for Planning, 9 July 1963, 4 pp. carbon copy on JAG letterhead, S. Reviews under five headings his understanding of Dr. Enthoven's requirements. Presents choices: 1) It could be done by USIB representatives following completion of the military NIE, or 2) by JAG, as a planning document for DOD without formal approval by USIB as a body. Favors second approach.

7. Memorandum of Transmittal, by H[oward] Stoertz, Jr., to Assistant Director, National Estimates, Chairman, CIA/DIA Joint Analysis Group, Chief, Military-Economic Division, ORR, 12 July 1963, 5 pp. carbon, classification not indicated. A compilation of quantitative estimates on Soviet military forces in current NIE's, prepared in anticipation of discussion with Dr. Enthoven, next Friday. Discusses: Format and timing, omissions and inconsistencies, and competing requirements of policymakers at various levels. Concludes by noting that questions that arise are whether to increase or decrease level of detail in the NIE's; whether another document will have to be scheduled tailored specifically to DOD planning needs, whether such a document can be done effectively by the present estimative mechanisms, and how to schedule it and related estimates and projects. Referenced compilation not attached; see next item.

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8. Draft Memorandum Re: Responsiveness of Soviet Military Capabilities Estimates to DOD Consumer Requirements, by [redacted] EE Staff, [ONE], 9 pp. carbon, 15 July 1963, classification not indicated, with Tab A, Proposed Changes to Series [six] and Soviet Military Estimates, 7 pp. carbon. Memorandum proper is in staff study form. Problem: To determine the general nature of DOD consumer requirements to be met in national intelligence and to compare current ONE products with requirements. Discussion of problem is followed by summary which identifies DOD planning requirement as a package of three separate elements: 1. Cost effectiveness studies of alternative Soviet force structures on a 10-year basis. 2. Detailed quantitative and qualitative estimates of Soviet military capabilities projected for five and 10-year periods. 3. Coordination of the ONE schedule for production of military estimates with the DOD planning cycle. Concludes: 1. DOD requirements for USIB-approved military estimates can be met by annual production NIE's. 2. Enthoven's suggestions for improvement of military estimates are only partly within purview of ONE and USIB. 3. ONE should meet that part of the DOD request which requires quantification in the longer-term, of trends observable in evidence and reflected in estimates. 4. ONE should not accept responsibility for studies of alternatives. Tab A Discusses problem of how to increase responsiveness of Soviet military estimates to military plans and policies requirements. Concludes with seven recommendations to adapt Soviet military NIE's to DOD needs.

9. Draft Memorandum, by [redacted] EE Staff [ONE], to AD/NE, Response to DOD Consumer Requirements for Soviet Military Capabilities Estimates, 19 July 1963, 17 pp. carbon, classification not indicated. In form of staff study. Problem: To identify DOD needs, extent to which they are met by national intelligence, extent to which ONE can and should meet DOD consumer requirements, and to recommend methods of doing so. Concludes with eight recommendations for action by ONE and JAG, to adjust coverage of present estimates to meet DOD needs. Would result in annual package of USIB approved data from NIE's and IAP's for DOD by 15 April, annually. 25X1

10. Four Propositions Relating to Enthoven's Request for a long-range community estimate of Soviet force structures, weapons characteristics and costs, unsigned, 26 July 1963, 6 pp. carbon copy. S. A carbon copy of Volume II, Item No. 20.

11. Draft Memorandum for the Record, 25 July 1963, revised 22 September 1963, by Dr. Alain Enthoven, Notes on Long-Range Intelligence Projections of Sino-Soviet Forces, 12 pp., S. Copy 5 of 35 copies. Identical with enclosure to Sherman Kent, 25 September 1963, by Alain Enthoven, OSD, listed in Volume II, Item 19, but without the forwarding memorandum.

12. Memorandum for the Board of National Estimates, by H[oward] Stoertz, Jr., Proposed Schedule of Soviet Military Estimates for Calendar 1964, 13 February 1964, 2 pp., S, with 1 p. legal size attachment, Proposed Schedule of Soviet Military Estimates, Calendar Year 1964 and January 1965, S. An effort to schedule military NIE's on a one-year basis instead of the customary two quarters. Has been informally accepted by DIA counterparts. Attachment is identical to Volume II, Item 37. In four copies.

13. Draft Memorandum for: [redacted], Chairman, Joint Analysis Group, by Sherman Kent, Alternative Projections of Soviet Military Forces, 1965-1975 (JAG 13-64, 18 December 1964), 28 January 1965, 9 pp. carbon, TS. Thanks [redacted] for last week's briefing on latest JAG draft and presents ONE views on same, under following headings: Relationship to the NIE's, Strategic Concepts, The Test of Reasonableness, The Space Program, and The Ground Forces. 25X1 25X1

14. Memorandum for: Mr. Allan Evans, State (INR), Mr. [redacted], DIA, and [redacted], Chief, Policy Division, NSA, by [redacted], Executive Officer, National Estimates, Future Production of National Intelligence For Defense Planning, 1 July 1965, 2 pp. S. USIB representatives agreed on 15 June to change the IAP to National Intelligence Projections for Planning (NIPP). The first one, to be produced in February 1966 will be NIPP-66. 25X1 25X1

15. Memorandum for Mr. Bross, by [redacted] NIPE Staff, Threat Studies, DIA Views, 21 December 1965, 1. p. S. Transmits attached draft of a presentation to be given to Gen. Carroll [DIA], prepared by [redacted] in the office of [redacted] (DIA). View in OSD/SA (Bennington) is that the SecDef should explicitly request the DCI and General Carroll for annual threat studies and a NIPP on Soviet, Chinese Communist, and Warsaw Pact forces early next year. [redacted] therefore suggests meeting with Ray Cline, Ed Proctor, and [redacted] to arrive at a position. [redacted] supports the CIA/DIA/JAG approach to threat studies. Attached draft is without title or signature, rubber stamped, 23 Dec 1965, same date as rubber stamped on the covering memo, which may be a date of receipt, 21 pp. photocopy, S. Discusses requirement of military services for very long-range threat estimates and who should prepare them. 25X1 25X1 25X1

16. Draft memorandum, Implicit Intelligence Assumptions for Force Planning, by Dr. I. Selin, 3 pp. thermofax, TS, with two thermofax attachments. The first is a 1 p. draft list of 13 Intelligence Assumptions, by Dr. Selin, 29 March 1966, TS. The second is a four pp. outline of Major Force-Oriented Issues, unsigned, but with the following notation at the bottom of p. 1: OASD(SA), 15 Mar 66, S. The memorandum proper discusses Soviet ABM and MIRV threats for 1968-1969 and through the 70's,

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for purposes of DOD planning. Includes numbers of Soviet missiles required to wipe out Minuteman force.

17. Memorandum for Record (In Pencil: [redacted]), unsigned, in staff study form, S-92-AP-8, 10 Mar 66, 5 pp. photocopy, S. Problem: To summarize the record, to outline the present position, and to state the outlook with respect to long-range estimates. Reviews the history of such estimating from 1961 through 1965. Notes that Army is proposing to establish a 52-man unit at Fort Meade to make long-range threat studies needed to buttress Army proposed weapon systems and force structures and to contract to support this unit to extent of about \$2 million per year. Proposal is based on alleged refusal of DIA to produce the necessary studies. Recommends inter alia that DIAAP explore with Joint Staff, OASD/SA, DDR&E, CIA, and the Services, the combination of the JAG and the NIPP products into a USIB document, the reduction or elimination of the JIEP, and the expansion of the alternative projection and related approaches to making long-range estimates of hostile military capabilities.

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18. Memorandum for the Record, by [redacted] report of attendance at Military Operations Research Symposium (MORS) at Monterey, week of 23 May, dated 3 June 1966, 4 pp. carbon, S. [redacted] found general agreement at the meeting that the intelligence community should consider how to cope with the growing demands of planning and R&D people for intelligence assumptions for long-range planning. Related issues include whether such work should be done in-house or by contractors; whether it should be a by-product of estimating. This meeting was widely attended by senior military intelligence analysts and estimators, including Howard Stoertz and [redacted] of ONE, [redacted] ORR, [redacted] (SRI), Andrew Marshall (Rand), [redacted], and others.

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19. Memorandum for the Record, by Bruce C. Clarke, Jr., Chairman, CIA/DIA, Joint Analysis Group, Meeting with DOD Civilian, 19 August 1966, 2 pp. carbon, S. Report of meeting between Clarke and [redacted] on 17 August 1966 with a senior civilian of one of service intelligence agencies, who asked that his comments be kept off the record. The gentleman commented critically on the NIPP, the JAG Studies, and the JIEP, which he found incompatible, overlapping, and often out of date, for example: The ABM section of the current NIPP does not meet the planner's need for information or speak in language the planner can understand or use. The planner needs 15 or 20 year estimates in loose leaf form so they can be kept current. They should combine the JAG, NIPP, and JIEP, with USIB sanction.

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20. JAG Discussion Paper, Draft memorandum by [redacted] 22 August 1966, 12 pp. xerox copy, classification not indicated. Discusses alternatives open to JAG in preparation of JAG 17. In staff study form, but discusses numerous possibilities without reaching conclusions or making recommendations.

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21. Memorandum for Director, Defense Intelligence Agency, by Alain Enthoven, Assistant Secretary of Defense, Threat Projection Requirements, 2 March 1967, 3 pp. xerox drafted by [redacted] Replies to memorandum from DIA, same subject, signed by Richard W. Whitney, Major General, USA, Chief of Staff, 6 January 1967, 1 p. xerox, C, requesting a list of the long-range threat projection requirements of the DOD from January 1965 on. Enthoven's reply summarizes uses made of such estimates and includes lists as Attachments A-C, 4 pp. xerox, S.

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22. Threat Projection Requirements of Department of Defense, by [redacted] Chairman, Study Group, 5 April 1967, 4 pp., C. In staff study form. Addresses problem of compiling definitive list of threat projection requirements of DOD, methods for providing such projections, and determining additional resources DIA will require to support the list of requirements. Concludes that 558 need for valid studies has been identified. DIA will need 50 professional and 10 clerical positions and \$746,000 of contractual support in addition to equipment and space. Recommends approval.

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23. Memorandum for Record, National Intelligence for Defense Planning, unsigned, undated, 17 pp. TS, copy 9 of 25 copies. Discusses reorientation of JAG Alternative Ten Year Projections of Soviet Military Forces, NIE's, IAP's, and JIEP's to meet needs of DOD planners, along following headings: I. DOD Major Program Review Cycle, II. National Intelligence for Defense Planning, III. Possible Improvements in the NIAP [National Intelligence Assumptions for Planning] Process. Concludes that in future NIAP documents more review and elaboration of consistency of programming relationships and interdependence of various elements is needed.

24. Proposed Distribution List for National Intelligence Projections for Planning, attachment to unidentified document, undated, but marked in pencil, NIPP 68, 2 pp. list, paged A-1 and A-2, S.

[redacted]
Deputy Chief, CIA Historical Staff

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