

19699

In reply refer to Initials and No.

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Serial 0731P32
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NAVY DEPARTMENT
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON 25, D. C.

MAR 1948

MEMORANDUM FOR THE DIRECTOR OF CENTRAL INTELLIGENCE:

Subject: Interdepartmental Intelligence Production Program.

Reference: (a) DCI Memo dated 27 Jan. 1948, same Subject.

1. In response to paragraph 4 of reference (a), the following statement regarding ONI is submitted:

A. Intelligence Requirements -

I. (D) Domestic Branch

Data on sabotage, espionage, subversion and propaganda, as well as on situations or trends, threatening the security of the Naval Establishment.

II. (F) Foreign Branch

Staff

Practically all types of basic intelligence are required to supply intelligence estimates and intelligence studies to Naval and Joint Agencies.

F-1 - Research and Reports

F-1 needs to receive, from all sources, information concerning the war potentials and intentions of foreign nations which may be of naval interest. This includes:

1. Topographic information
 - a. Information on beaches
 - b. Information on ports (Facilities and Geography)
 - c. Hydrography
 - d. Climate.
2. Military Information
 - a. Army, Air, and other forces (Except Naval)
 - b. Naval Information
 - (1) National Naval Policy
 - (2) Naval organization and command
 - (3) Naval operations, strategy and tactics
 - (4) Naval personnel
 - (5) Marine Corps
 - (6) Other maritime services

NAVY and DIA
review(s) completed.

8/31
12/15

19699

Serial 0731P32

CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

- (7) Naval Establishments and shore facilities
- (8) Logistics
- (9) Ships
- (10) Naval ordnance and related material
- (11) Other equipment.

- 3. Political information on foreign governments.
 - a. Form of government
 - b. Foreign policy
 - c. Holidays and ceremonial occasions
 - d. Organization in so far as it is of interest to the forces afloat
 - e. Internal political conditions.

- 4. Economic information
 - a. Availability of fuels, lubricants, food, water, etc., at seaports
 - b. Telecommunications and mail
 - c. Coinage

- 5. Sociological information
 - a. Manpower in its relation to the Navy
 - b. Public order and safety

- 6. Information on personalities
 - a. Military personalities
 - (1) Naval personalities (exhaustive)
 - b. Political personalities (A few at top)
 - c. Scientific personalities (A few in certain activities)

F-2 - Technical

The Navy Department requires from the Technical Intelligence Section intelligence covering the design, characteristics, present developments and future potentialities of foreign material of naval interest, and the related scientific and technical processes for its production and use. Such intelligence includes, but is not limited to, the following:

- 1. Naval and merchant ships
- 2. Ordnance
- 3. Aeronautics
- 4. Electronics

19699

16 MAR 1948

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

5. Guided Missiles
6. Chemical Warfare and Biological Warfare
7. Nuclear physics.

F-3 - Map and Photo

The Map and Photo Center is responsible for furnishing map and photographic intelligence (maps, plans, photography and photographic interpretation reports) primarily of, but not confined to, coastal areas and islands for strategic planning and operational use of the Navy and other cognizant agencies. The following are the major categories of photo intelligence required:

1. Airfields, Airdromes
2. Coast, Beach, Hydrography
3. Cities and Towns
4. Industries
5. Military and Naval Installations
6. Port and Dock Facilities
7. Railroads
8. Roads and Bridges
9. Lakes, Rivers and Terrain
10. Utilities.

III. (V) Air Branch

1. Capabilities of All Foreign Nations to Wage Offensive War Through the Air, including:
 - a. Air order of battle
 - b. Aircraft production
 - c. Offensive doctrines and tactics
 - d. Effectiveness of offensive air weapons
 - e. Status of training
 - f. Serviceability of offensive air organizations
 - g. Logistical factors, including bases for offensive operations, which may modify offensive air effectiveness.
2. Capabilities of All Foreign Nations to Defend Against War Through Air, including:
 - a. Air defense system
 - (1) Fighter aircraft
 - (2) AA artillery
 - (3) Early Warning System
 - (4) AA guided missile development.

19699

Approved For Release 2004/07/08 : CIA-RDP80R01731R003460070036-3

Serial 0731P32

CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

- b. Technical developmental trends.
 - (1) Aircraft and engines
 - (2) Guided missiles
 - (3) Electronics of all types which have application in defense system.

- 3. Strategic Vulnerability to War Through the Air of the United States and of All Foreign Nations, including:
 - a. Economic resources
 - b. Industrial potential
 - c. Location of individual plants
 - d. Individual plant production capacity, personnel
 - e. Vulnerability of individual plants, and economic systems to aerial attack.
- 4. Conditions and Installations of All Foreign Nations of Specialized Concern to Air Operations, including:
 - a. Climatology
 - b. Terrain characteristics
 - c. All airfields and potential airfield sites.

IV. (Y) Operational Intelligence Branch

- 1. Intelligence needed by the Navy's Operating Forces
- 2. Intelligence needed by CNO Chart Room.

B. Internal Production Schedule -

I. (D) Domestic Branch

- 1. Merchant Marine Suspect List - Continuing intelligence analysis is carried out to maintain this list on a current basis.
- 2. Sabotage Manual - Covering sabotage techniques directed against shipping, waterfront facilities and industrial installations required to support Fleet operations, as well as counter measures; this Manual is in the process of revision.
- 3. Estimates of Sabotage, Espionage and Subversive Potentials Periodic situation estimates are prepared with respect to various world areas for the information of:

Serial 0731P32

CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

10 MAR 1947

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- a. Planning groups in the Navy Department
 - b. Fleet Commands and Naval Missions
 - c. District Intelligence Officers and Naval Attaches.
4. Special Reports are prepared on individuals, organizations, situations and trends in the field of Espionage, Sabotage, Subversion and Propaganda for:
- a. Officials of the Navy Department
 - b. District Intelligence Officers
 - c. Naval Attaches and Naval Missions.

II. (F) Foreign Branch -

Staff

No set production schedule is maintained. Intelligence estimates and studies are prepared according to priority requirements.

F-1 - Research and Reports

F-1 processes the information received and supplies intelligence of foreign areas as required by the policy, planning, operating and logistic agencies of the Navy. This is done by:

1. The production of a monograph on each foreign country. These volumes are developed from all the information on a given foreign country available to ONI. Direction in the collection of the information is given to agencies in the field by means of requests or want lists originating in F-1. All information collected on a given foreign country from whatever source, is selected, evaluated, analyzed, integrated, and interpreted, and the finished intelligence is incorporated into the monograph of that country.
2. The Daily Summary. This is a digest of developments of naval interest which have occurred during the past 24 hours. It is published each morning and disseminated throughout the Navy Department. It contains material up to and including Secret.
3. By contributing items to The Weekly Estimate of the Situation which contains a brief summary of the developments of interest which have occurred during the preceding

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

week and in some cases includes an estimate as to the probable effect of such developments. This is a publication of very limited distribution. The material contained therein, however, is made available to the General Planners' Conference through an oral presentation to that body.

4. By contributions to International Developments of Naval Interest which consists of a collection of news items, which may include those of a classified nature, and short articles of current interest. It is disseminated to the highest echelons of the Naval Establishment.
5. By contributions to The ONI Review, a confidential monthly magazine of wide dissemination. The articles for this publication are more detailed and complete than those for any of the above-mentioned media, and, while of current interest, are usually of more lasting importance.
6. By the preparation of special studies and estimates on request. A large variety of demands are met in this way. The scope and length of these studies varies greatly and no generalization may be made in regard to them.
7. By Memoranda of Information. In the event that it appears desirable to acquaint the Secretary of the Navy with some important development, a Memorandum of Information is prepared. This is usually in the form of a short concise article on the subject of interest, which receives limited dissemination within the Navy Department.
8. By personal briefings. This includes lectures.
9. By letter. Many requests for information or intelligence are answered by letter.
10. By contributions to joint publications.

F-2 - Technical

In meeting these requirements, the Technical Intelligence Section:

1. Evaluates, abstracts, and/or directly disseminates all

10000

18 MAR 1948

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

technical missions, other agencies, and other governments. (Approximately 700 abstracts are published and an average of 12,000 technical reports are disseminated each month.)

2. Arranges for exploitation of foreign scientists and technicians.
3. Has issued detailed studies on USSR trends and developments in special weapons. These include aircraft torpedoes, mines, electronics, naval aspects of BW and the atom bomb. Present schedules call for the production of detailed studies on the naval aspects of USSR trends and developments in the following fields:
 - a. Chemical warfare
 - b. Atomic capabilities
 - c. Small battle units (explosive motor boats, human torpedoes, midget subs., etc.)
 - d. Guided missiles
 - e. Submarine and ship-borne torpedoes
 - f. Harbor defenses.

Long range plans include similar studies on nations other than the USSR.

4. Prepares a series of basic reference manuals covering the technical characteristics and appearance of foreign naval and merchant vessels. Current manuals include technical studies of British Commonwealth and Russian navies, and merchant vessels of the world. The projected program contemplates preparation of manuals covering navies of Western Europe, Mediterranean, Southeastern Europe, Scandinavia, Far East, and Latin America, plus periodic revisions of material.
5. Maintains complete catalogues, cross-references, and files of all technical reports received. Card index files of all technical reports received. Card index files are also maintained of all captured enemy equipment held by the Navy, and of foreign scientific personnel. A special cataloguing system is maintained for the plans, specifications, and photographs of foreign naval and merchant ships.

F-3 - Map and Photo

To meet these requirements F-3:

CONFIDENTIAL

26 MAR 1949

Serial 0731P32
CONFIDENTIALSubject: Interdepartmental Intelligence Production Program.

1. Evaluates and correlates map and photo intelligence by maintaining catalogues, cross-references and files so as to have maps and photo intelligence readily available by geographical location, subject, source, etc.
2. Exploits all sources of strategic photographic intelligence of foreign nations, which may be of naval interest.
3. Maintains working liaison in matters pertaining to maps, photos and photo intelligence with Department of Army, Air Forces, State and other agencies.
4. Participates in Joint Map and Photo Intelligence activities with the Army, Air Forces, Central Intelligence Agency, State Department and other agencies.
5. Advises responsible naval authorities on the need for filling voids in photography and maps of foreign countries and such domestic areas as may be of naval interest.
6. Coordinates requests for photo interpretation reports in accordance with priorities assigned by responsible authorities.
7. Establishes with Army and Air Forces identical systems of filing, indexing and interpreting photography so that material can be filed or indexed without duplication of effort.

III. (V) Air Branch -

1. Air studies of all alien countries having air forces.
2. Quarterly reports on significant developments and trends in aircraft and aircraft engines, anti-aircraft, and guided missiles of all alien countries.
3. Monthly reports on air order of battle of all alien countries.
4. Compilation of bombing encyclopedia of the world.
5. Maintaining operational target data on selected industrial systems and urban areas of all countries of the world.

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

6. Compilation of airfield charts and airfield lists of all alien countries.
7. Preparation of studies on air matters as requested by other agencies, such as Joint Chiefs of Staff, and Department of the Army.

IV. (Y) Operational Intelligence Branch

1. Top Secret monthly summary on foreign intelligence activities.

C. Interagency agreements to augment -

(1) Internal production with external material

I. (D) Domestic Branch

1. Exchange estimates of sabotage, espionage and subversive potentials with Army, Air Force and FBI.

II. (F) Foreign Branch

Staff

External intelligence material requirements include high-level State Department traffic, Air Force - ONI Air Intelligence estimates and studies and Top Secret Intelligence sources.

F-1 - Research and Reports

No responsibility in this section, except when specifically requested.

F-2 - Technical

1. Arrangements are in effect with the Army, JIOA, CIA, and Air Material Command at Wright Field, that these agencies furnish sufficient copies of technical documents being made available to the Navy, to preclude further reproduction for dissemination to interested Naval departments.

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

2. Under an informal agreement with the Intelligence Division, Department of the Army, the previously mentioned card files of foreign scientific personnel are periodically exchanged with the Scientific Branch, G-2, for correlation and comparison.

F-3 - Map and Photo

1. As officially designated liaison for the Navy Department to the Army and Air Forces in matters pertaining to maps, photography and photo intelligence, receives by exchange agreement such intelligence and intelligence programs in form of listings, indices, or basic material.
2. From State Department and Central Intelligence Agency through liaison officers, receives in form of listings or reports necessary information for requesting required basic material.
3. By exchange with Foreign Governments through official Navy or Joint Chief of Staff channels in form of basic photography, maps or reports such photographic intelligence as required in void areas.

F-4 - Collection

1. F-4 is the officially designated working liaison in matters pertaining to the collection of foreign intelligence with the Army, Air Force, State and other Federal Intelligence Agencies.
2. Arrangements are in effect with the Army, Air Force, and State, whereby F-4 receives their raw intelligence, informative dispatches, letters, telegrams and reports of naval interest, as well as processed intelligence in the form of studies, surveys, publications, etc.

III. Air Branch (V)

1. Joint Chiefs of Staff directive 1020/3 of 25 October 1945 authorized the Commanding General, Army Air Forces and the Chief of Naval Operations jointly to establish and staff an air intelligence group for the preparation of continuing estimates of:

Serial 0731P32
CONFIDENTIAL

Subject: Interdepartmental Intelligence Production Program.

- a. Alien air forces, including, in relation to our strategic vulnerability, the capabilities of potential enemies to wage offensive war from the air, and their defensive capabilities for resisting war from the air;
 - b. Strategic objectives in alien countries including analysis of their vulnerability to war from the air; and
 - c. Conditions and installations in alien areas of specialized concern to air operations, notably airfields and meteorological, terrain, and logistical conditions.
2. Implementation of the Joint Chiefs of Staff directive 1020/3 was effected by agreement between the Director of Naval Intelligence and the Assistant Chief of Air Staff-2 to utilize the structure of the Air Intelligence Division, of the Office of AC/AS-2 and to man this division with approximately equal Naval and Air Force memberships.
- IV. (Y) - Operational Intelligence Branch.
1. O/B data on Foreign armies and air forces is made available by the Intelligence Division of the Army and the Air Forces on a weekly basis.

(2) External requirements with internal production -

I. (D) Domestic Branch

1. See C(1) I. above.

II. (F) Foreign Branch

Staff

To produce and review comprehensive intelligence estimates and similar staff studies as required by appropriate joint activities and the Navy Department.

F-1 - Research and Reports

No responsibility in this Section, except when specifically requested.

19699

Approved For Release 2004/07/08 : CIA-RDP80R01731R003400070036-3

Serial 0731P32
CONFIDENTIAL

26 MAR 1969

Subject: Interdepartmental Intelligence Production Program.

F-2 - Technical

1. The Technical Intelligence Center also furnishes sufficient copies of intelligence material (received and/or produced in the Center) to the Army, Air Force, JIOA and CIA, so as to preclude further reproduction by those agencies.
2. By agreement with the Army, Air Force, and the British, there is a periodic mutual exchange of records on available captured enemy equipment.

F-3 - Map and Photo

1. The Map and Photo Intelligence Center disseminates copies of maps, photos and photo intelligence reports in the form of catalogues, listings, indices, or the reports themselves to the Army, Navy and other cognizant agencies on specific fields of interest.
2. By participation in joint activities as listed below, ascertains latest requirements of other agencies:

Joint Map and Photo Committee (JIC)
Subcommittee on Exchange of Map and
Photo Material (JMPC)
Panel on Cartography & Geodesy (Joint
Research and Development Board)
Subcommittee on Plans (Joint Map &
Photo Committee).

F-4 - Collection

1. F-4 maintains working liaison in matters pertaining to the dissemination or routing of foreign intelligence with the Army, Air Force, State and other Federal Agencies.
2. Arrangements are in effect with the Army, Air Force, State, CIA and FBI, whereby raw intelligence and processed intelligence in the form of NNI-96 reports, informative dispatches, studies, publications, etc., are disseminated to these user agencies when the information contained therein is of interest to them.

Approved For Release 2004/07/08 : CIA-RDP80R01731R003400070036-3

CONFIDENTIAL

Serial 0731P32
CONFIDENTIAL

Subject; Interdepartmental Intelligence Production Program.

III. (V) Air Branch

1. See C(1) II above.

IV. (Y) Operational Intelligence Branch

1. None.

D. Requirements not adequately or satisfactorily met.

I. (D) Domestic Branch

1. None.

II. (F) Foreign Branch

Staff

Past and present requirements indicate the inability of ONI to provide, in whole or in part, the required number and/or quality of studies on:

- a. Port and Naval Facilities
- b. Coasts and Landing Beaches
- c. Shipbuilding and Supporting Facilities
- d. Coastal Defenses
- e. Surface Craft under 1000 tons, especially in the small craft category.

However, pending ONI plans for expansion, when effectuated, should alleviate some, if not all, of these deficiencies.

F-1 - Research and Reports

1. In general it may be said that F-1 is able, under existing collecting arrangements, adequately to meet nearly all demands. It is only on rare occasions that a negative or unsatisfactory answer is made to a request for information. In this regard it may also be pointed out that an appreciable increase in the flow of incoming material would result in no increased benefit without a corresponding increase in personnel.
2. The greatest weakness within the field of responsibility of the Geographic desks is in the upkeep of the monographs. In order adequately to maintain these

Serial 0731P32
CONFIDENTIAL

SECRET

Subject: Interdepartmental Intelligence Production Program.

volumes, a great deal of work is required, much of it of a recurring nature. Under present circumstances, a certain amount of work on the monographs has to be sacrificed in the interest of keeping abreast of current affairs.

- 3. Interagency cooperation, insofar as F-1 is concerned, is entirely satisfactory.

F-2 - Technical

- 1. The Army furnishes enclosures to military attache reports in many cases on loan only, necessitating that reproduction of documents be made by the Technical Intelligence Center in order that proper dissemination can be made to interested naval departments.
- 2. Limited reproduction facilities available to ONI result in excessive delay in furnishing copies of technical documents to interested agencies.
- 3. Limited personnel available to the Technical Intelligence Center, especially German linguists, has resulted in an enormous backlog of unprocessed German technical reports.

F-3 - Map and Photo

- 1. The limited number of personnel available to process and evaluate the large backlog of photographic intelligence at hand does not make information easily or thoroughly available to users of material.
- 2. This large backlog of material, that has not been evaluated or processed, makes it impractical to properly determine gaps in basic material to delineate requirements that are not adequately or satisfactorily met.

CONFIDENTIAL

19899

Serial 0731P32
CONFIDENTIAL

MAR 1948

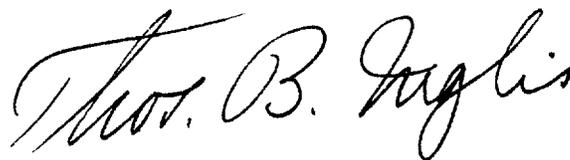
Subject: Interdepartmental Intelligence Production Program.

III. (V) Air Branch

1. The production schedule is adequate but the basic raw material is insufficient.

IV. (Y) Operational Intelligence Branch

1. None.



THOS. B. INGLIS
Rear Admiral, U.S. Navy
Chief of Naval Intelligence

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