

PROGRESS REPORT FOR THE GEOGRAPHY DIVISION FOR
August 1957

I. ACCOMPLISHMENTS

A. Completed Work

Production of the Geography Division during August was as follows:

	25X1A2g	<u>Requester</u>	
CIA/RR-GR-110			
CIA/RR-GR-111			
CIA/RR-GR-113			
CIA/RR-GR-114			
CIA/RR-GR-115			
CIA/RR-GR-117.1		TSS/APD and NED/OSI	25X1A
25X1B0a			
CIA/RR-GR-160	Transborder Routes from the Indian Subcontinent to Sinkiang and Tibet		
CIA/RR-GM-4	Oil and Partition in Algeria	Self-initiated	
NIS 41A ^M Chapter IX	North Korea	NIS Program	
NIS 39B Section 19, Chapter I	Nationalist China	NIS Program	
G/I-226	Additional Indications of Soviet Post-IGY Intentions in Antarctica	FE DD/P	25X1C
25X1A2g			
G/I-227		SA/CPP	
G/E-70	Geographical Highlights of the Gulf of Po Hai, China	GE/State	
G/S-22	Railroad Construction in Com- munist China (Support for ORR Project 47.1581)	S/CST	

Production for August was exceptionally good. Five reports on unconventional warfare areas were completed, two of which were on the old format and three were in accordance with the instructions of 2 April 1957 from the informal working group composed of representatives of the Army, Navy, Air Force, and DDP/PPC that we produce coordinated feasibility studies on selected areas of the world. These three studies, all on Europe, CIA/RR-GR-113, 114, and 115, were accompanied by a list of considerations covering factors applying to the selection of all types of UW areas, factors applying specifically to the selection of areas suitable for multipurpose UW operations, and factors applying specifically to the selection of areas suitable primarily for survival or escape and evasion. It was also pointed out that these studies do not purport to provide the detailed current intelligence essential to successful UW operations but represent a first step only. The required number of copies of the reports, accompanying maps, and the list of considerations were forwarded to DDP/PPC, Army, Navy, and Air Force through channels.

Additional information, temperature data, on the Semipalatinsk Region was requested by Acting Chief, TSS/APD, and was furnished as an addendum to our CIA/RR-GR-147.

The report, Transborder Routes from the Indian Subcontinent to Sinkiang Tibet, CIA/RR-GR-160, requested by [redacted] provided basic information on passes, routes, trade, and border controls, together with brief terrain descriptions of the frontiers of Sinkiang and Tibet with those of adjoining nations of the Indian Subcontinent. 25X1A

The fourth issue in the CIA/RR-GM series was on the timely subject of Oil and Partition in Algeria. The discovery of oil in the Sahara has further complicated the Algerian problem for the French, and this memorandum is the geographic attempt to shed additional light on the problem.

NIS 41A^M, Chapter IX, North Korea, and NIS 39B, Section 19 of Chapter I, met their August deadlines.

Geographical Highlights of the Gulf of Po Hai, China, G/E-70, is the first of five short studies to be prepared for designated areas where a territorial water problem exists. These are part of a joint effort of OLI/GE, State, our requester, and the Hydrographic Office.

B. Progress of Work Under Way

USSR Branch: Production progress for the month was relatively good. Code: [redacted] CIA/RR-GR-111, and CIA/RR-GR-147.1 on temperature data in the Semipalatinsk Region were issued in final form. Novaya Zemlya was completed for final publication and sent to Ch/G for review. The evasion geography on [redacted] is in the final stage of editing. Major writing efforts were concentrated on regional agro-climatic aspects of corn cultivation in the USSR for M/AG/RR and on the following articles for MR-53 which are nearing completion: Change in Soviet Time Zones, Volcanic Eruption on

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Kamchatka, and Evaluation of Recent Soviet Chart of Franz Josef Island are ready for publication; New Economic-Administrative Areas in the Soviet Union is in final review and coordination. Over 90 percent of the substantive data have been plotted for the project on current status of USSR railroads and Cartography has the base map ready. Work was resumed on the urban study of Noril'sk following return of the analyst from training at McGill University, and work was initiated on two UW feasibility areas and two special requests for information from D/GP. The fall training period has begun, with three members of the Branch enrolled in the Photo Interpretation Course (Geographic Phase) and two members enrolled in the off-duty German language training course.

25X1A Far East Branch: [redacted] the Transborder Routes
25X1B from the Indian Subcontinent..., GR-160, and G/E-70 for the Department of
25X1A2g State were completed and delivered during the month. Additional follow-up
work, involving personal conferences with DD/P personnel, was completed for
the [redacted] phase of [redacted]. Good progress was made on two UW feasibility
projects. Draft of the study on regional analysis of [redacted] 25X1B
PN 61.1380, is complete except for writing a note on Gaps in Intelligence,
inclusion of a few recently received photos, and the map work. Research on
land-use in Sinkiang -- an important aspect of the major Sinkiang PN 61.1212 --
continued. An article on Vietnamese-Cambodian Tensions in the Gulf of Siam,
originally prepared for consideration as a GM, is now planned for inclusion
in MR-53. Finishing touches were given our assistance to [redacted]
25X1A9a S/CST, on the project Railroad Construction in China, QRR Project 47.1581,
including review of their finished draft of the survey of proposed railway
projects. This is reported complete as our G/S-22.

25X1B Europe Branch: Three US feasibility projects, CIA/RR-GR-113, 114,
and 115, were completed and delivered to the requesters during August. The
following MR articles received attention during the month: Administrative
Changes in East Germany was rewritten to incorporate data received as a result
of special requirements sent to the GA; the first drafts of articles on the
25X1B Postwar Developments of Western Territories of Poland and Developments in
the Italian Oil and Gas Industry are nearing completion. Four evasion 25X1B
geographies are in process of completion: [redacted] is in typing and will go
to Reproduction early in September; [redacted] is under review in Editing; work
on [redacted] was stopped pending receipt of air photography of selected
25X1A9a areas; rough draft of the terrain section on [redacted] is complete, but 25X1B
further work will be delayed by higher priority studies in the Branch.
Considerable help was supplied by [redacted] to the Working Group on Antarctica,
OCB. Preliminary work and ordering of needed materials was begun for the
25X1A9a the fourth UW feasibility study. [redacted] returned
from TDY in Europe.

25X1B Near East/Africa Branch: CIA/RR-GM-4 was initiated and issued
during the month, involving coordination with OCI, DD/P, and the Department
of State. Status of the two evasion geographies in progress in the Branch is
that [redacted] was forwarded to Editing and writing on [redacted] progressed 25X1B

25X1A9a on the initial draft in the latter part of the month; considerable thought was given to the problem of maps to accompany the study on [redacted]. The overlapping of interest between CSS and the Branch has been very marked during the month, as is the overlong retention of documents in that Office. [redacted] entered on duty in the Branch. 25X1B

25X1C Soviet Mapping Intelligence Staff/Western Hemisphere Branch: Effort during the month was devoted to the Antarctic, preparation for the [redacted] 25X1C

25X1A9a and to the development of opportunities for intelligence within the activities of the IGY. G/I-226 and 227 on Antarctica were issued. The first draft of the study requested by Navy on the accuracy of target positioning inside the USSR was reviewed with [redacted] and substantive modification discussed. 25X1C

25X1A9a [redacted] reports that the month was devoted to the completion and review of the edited draft of the report Petroleum in Latin America, CIA/RR-G-17, and to completion of the CIA contribution to the Argentina NIS Chapter IX. The report on Status of Latin American Boundaries is being reviewed by the Division Chief and will go to Editing early next month.

25X1B Editing and Review Staff: An unusually large number of reports and memorandums were issued in final form during August. In addition, one G-Report was sent to Reproduction, another is in the Office of Ch/G for final review prior to being sent to Reproduction, and the Evasion Geography a long report, is in typing. GG/R also edited a note prepared by GG/C to accompany the map of Moscow (12765); several memorandums for D/GG staff members and a Corrigenda for G-15, bringing that report up to date, were reviewed. A number of other miscellaneous but unscheduled jobs were done for the Division.

Coordination Staff: The month was devoted to completion of Chapter IX, NIS 41A, North Korea, and Section 19 of Chapter I, NIS 39B, Nationalist China.

II. RELATIONSHIPS OUTSIDE THE GEOGRAPHIC AREA

25X1A9a Messrs. [redacted] attended the 13 August meeting with other Geographic Research Area personnel, AD/RR, and Messrs. [redacted] and [redacted] to discuss the relations between the Geographic Research Area and the Special Advisor on Geography, Department of State. The agreements reached were set forth in a Memorandum for the Record by Ch/G, dated 19 August. 25X1A9a

A corrigenda to CIA/RR-G-15, The Soviet Arctic, to reconcile ERA and GRA differences and add some current data, was prepared and sent to the Chief, I/D/RR, for coordination.

Considerable time was spent in drafting the covering memorandum to accompany the new UW feasibility reports. The draft prepared [redacted]

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was later revised by [REDACTED] DD/P, who was anxious to have the memorandum express the criteria used in preparation of the studies in terms that would gibe with the thinking of the Service Commands and also state clearly the factors that were purposely not considered in the studies. We also desired to frame the memorandum so that, with minimum revision, it could be used for all future studies.

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Messrs. [REDACTED] attended several meetings of the Working Group on Antarctica, Operations Coordinating Board. The Progress Report being prepared by the Working Group lays down plans for Antarctic operations beyond the end of the IGY in 1959. The program is in danger of being severely cut because of the current economy drive in the Defense Department. [REDACTED] prepared a section giving the CIA and Department of State reasons for wanting continuation of specified US bases for intelligence and political reasons. 25X1A9a

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The Annual Report of the NIS Program for Fiscal Year 1957 commends the Geography Division NIS production thus: The CIA met its production commitment in full, and the performance of two of its producing components is deserving of special mention. The CIA Coordinator of NIS Chapter IX (Map and Chart Appraisal) submitted the contributions to this chapter and to Chapter I (Brief) in close conformity to the scheduled submission dates, with improvement in quality of the materials over the previous year..... 25X1A9a

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At the invitation of the Department of State, [REDACTED] participated in a conference of policy officers on the US position and reply to the disturbing British proposal to establish a Condominium over Antarctica that eventually would include the USSR. 25X1A9a

Pertinent parts of CIA/RR-GM-4 were discussed with [REDACTED] and [REDACTED] AF/N, Department of State, and the draft was read by and discussed at length with [REDACTED] of OCI. 25X1A9a

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In the interest of improved coordination of translation activity, [REDACTED] Far East Branch, advised personnel of FDD and FE-4 concerning availability of translated Japanese documents on Indo-China. This action should make it possible to cancel a requirement that would have necessitated an outside contract for the particular translation job involved. 25X1A2g

The Far East Branch reports continued good relations with the various members of DD/P, particularly as a result of the [REDACTED] Some operational personnel visited GG/P, and a better understanding of operational procedures in the area of interest is now held as a result of these conversations. Also, an agreement has been made with [REDACTED] DD/P, that will permit more effective use of the translations of Chinese place names on the Chinese 1:1,000,000 maps. The relationships should prove fruitful for all concerned. 25X1A9a

III. ADMINISTRATION

The Division Chief was reappointed as a member of the Panel of Examiners of the CIA Selection Board for FY 1958.

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Personnel actions during August were as follows:

entered on duty in the Near East/Africa Branch and will assume area responsibility for Africa.

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participated in the special Cold Weather Survival Training Course, 5-13 August 57, at the course included 4 nights and 5 days camping on ice, and a series of training exercises in ice-wall climbing, glacier and crevasse safety, rescue techniques, and general cold weather problems. The course provided excellent practical insight into some of the problems of operating on ice.

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departed on 13 August to attend the Regional IGU Conference in Tokyo. Messrs. who have been on TDY in Europe, returned on 30 August, and Messrs. returned on 12 August after attending a six-weeks course on Arctic Studies, McGill University, Sanstead.

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received a cash award for a meritorious suggestion. began the Geographic Photo Intelligence Course.

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The Division Chief lectured on geographic intelligence before a group of JOT's, as a part of the Intelligence Orientation Course.

Consideration is being given in the Division to a course of study on UW, comprised of lectures, panel discussions and field demonstrations, that the Office of Training might work out to assist our personnel working on the UW feasibility studies.

IV. PROBLEMS AND RECOMMENDATIONS

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The Europe Branch presents the following: When in will investigate the possibilities of Geographic Area personnel being assigned. There is a wealth of information available in the field that is essential to us in UW, E and E, and similar type studies. It will never be made available to us until a geographer is on the spot to obtain and process it. The preoccupation with economic information of the

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is such that little or no geographic data is forwarded unless it is incidental to some conomic reporting or is the result of efforts of ORR geographers on TDY. A geographer should be assigned possibly team for administrative purposes but his job description should be written so that he would not be tied down and limited to duties in H.Q.

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25X1A6a building. He should be able to move between [redacted] as necessary. Furthermore, if the Area is to assume duties as envisaged in "Geographic Central Support Services in Wartime," presented during Operation Alert, the Area should have a group of people familiar with the operation of an outpost and the working relationships between the various components in the field, who are available to assume field positions in the event of an emergency.

25X1A9a An OCI Digest article on the British proposal on Antarctica, published without coordination with the Geography Division, was the cause of some embarrassment [redacted] at a Working Group Meeting when he was asked to comment on the article, which he had not seen and with which he did not agree.

25X1A9a [redacted] reports that higher level representation of DD/I interests to DD/P will be required in order to step up planning for [redacted]

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25X1X7 [redacted]

25X1A6a Far East Branch personnel feel that the DD/I/RR Vacancy Listings would be of greater value and would be more favorably regarded by ORR personnel if all DD/I position vacancies were listed. For example, what about the following recent position vacancies: DD/I Representative, [redacted] DD/I Representative and Deputy, J-2, [redacted]; ORR Team Leader, [redacted] and Chief CSS? For the sake of employee morale, it is recommended that all position vacancies be included in the listings, or, alternatively, that a policy statement be issued to clarify why some positions are not listed.

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25X1A The Near East/Africa Branch again calls attention to a bottleneck in receipt of documents and an apparent misunderstanding of function in connection with CSS. Attention is directed to a conversation between a CSS person and a member of GG/N wherein surprise was expressed that material of interest to CSS is wanted. It was implied that "in the usual conduct of mapping activities of the Geographic Area there should be no need for current despatch material of interest to CSS." The CSS person was thoroughly briefed on D/GG interests.

V. SCHEDULED WORK

Project Control	Title	Requester	Status ^{1/}	Est. Date of Publication ^{1/}
<u>Geographic Intelligence Review, CIA/RR-MR</u>				
60.1527	Geographic Intelligence Review, MR-53	Routine	****	IV 57
<u>Geographic Intelligence Reports (for standard distribution) - CIA/RR-G</u>				
61.1211	Geography of Ningsia, Suiyuan, Charbar, and Shensi	[REDACTED]	Delayed	Open
61.1212	Geography of Sinkiang	[REDACTED]	***	IV 57
66.1257	Status of Latin American Boundaries	Inter.Am. Geod.Survey	***	IV 57
61.1273	Geography of Tibet	[REDACTED]	Delayed	Open
62.1374	Northern Afghanistan	Self-init.	***	IV 57
61.1380	Regional Analysis of NE Thailand	Self-init.	***	IV 57
64.1430	Magadanskaya Oblast	Self-init.	In abeyance	Open
66.1470	Assessment of Petroleum Potential in Lt.Am.	Self-init.	Reprod.	September 57
G-17				
64.1486	Geographical Analysis of Novaya Zemlya	Self-init.	****	IV 57
G-18				
64.1487	Noril'sk Urban Study	Self-init.	**	IV 57
<u>Geographic Intelligence Reports (for limited and special distribution) - CIA/RR-GR</u>				
64.1158	[REDACTED]	AFOIN	****	IV 57
69.1189	Intel.Collection Manual on Geodesy, Photogram. and Cartography	Self-init.	*	Open
69.1279	Satellite Geodetic Activity since the Sofia Conference	Self-init.	I	Open
65.1282	[REDACTED]	AFOIN	****	October 57
63.1322	[REDACTED]	AFOIN	Delayed	Open
69.1323	Critique of "Basic Problems of Geodetic Gravimetry" by Molodinskiy	Self-init.	****	Open
63.1340	Urban Area Study: Korce, Albania	[REDACTED]	***	IV 57
63.1341	Urban Area Study: Sofia, Bulgaria	[REDACTED]	Delayed	Open
63.1342	Urban Area Study: Burgas, Bulgaria	[REDACTED]	Delayed	II 58

1/ See last page for symbols

Project Control	Title	Requester	Status ^{1/}	Est. Date of Publication ^{1/}
<u>CIA/RR-GR-Continued</u>				
			25X1A	
		AFOIN	***	Open
		AFOIN	****	III 57
25X1B			***	IV 57
		AFOIN	***	Open
		AFOIN	***	Open
		AFOIN	***	Open
		GMIC	Continuing	Open
	Contribution to NIE: Geodesy, Cartography, Gravimetry			
25X1B		AFOIN	*	Open
	Terr.-Adm. Divisions of USSR	Self-init.	****	III 57
	GR-155			25X1A
25X1B		AFOIN	***	Open
25X1A			****	September 57
	GR-112			
	61.1448- (12 studies)		Delayed	Open
	1459			
	61.1462		AFOIN	***
	64.1463		Delayed	Open 25X1A
	62.1490		AFOIN	****
	63.1524		AFOIN	*
	64.1529		M/AG/RR	*
	Analysis of Corn Cultivation in USSR		*	September 57
			*	October 57
			*	September 57
			I	Open
			*	September 57
			*	September 57
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<u>Project Control</u>	<u>Title</u>	<u>Requester</u>	<u>Status</u> ^{1/}	<u>Est. Date of Publication</u> ^{1/}
			I	Open
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			I	25X1A2g Open
			I	September 57
			I	IV 57
			I	I 58
			I	I 58
			I	IV 57
63.1572	Border Study: Austria-Hungary	ONI	I	April 58
63.1573	Border Study: Hungary-Yugoslavia	ONI	I	May 58
			I	November 57
			I	25X1A2g November 57
			I	November 57

External Research - CIA/RR-ER (OSU)

69.908	Add. Ref. to Sov. Diagrams, Sketches, Photographs of Sov. Geodetic and Photogram. Instruments (ER-6)		In abeyance	Open
69.908	Report on Soviet Cartography (ER-12)		In abeyance	Open
69.908	Selected List of Ref. to Sov. Cartography		In abeyance	Open
69.908	Selected Bibliography of Sov. Geodesy (ER-14)		In abeyance	Open

^{1/} See last page for symbols

<u>Project Control</u>	<u>NIS Chapter I, Section 19</u>	<u>Status of Coordination</u>	<u>Estimated Date to OBI</u>
60.1510	NIS 22, Rumania	In process	September 57
60.1511	NIS 30, Iraq	Scheduled	October 57
60.1512	NIS 6, Luxembourg	Scheduled	January 58
60.1513	NIS 17, Italy	Scheduled	February 58
60.1514	NIS 48, Morocco	Scheduled	March 58
60.1515	NIS 29, Jordan	Scheduled	April 58
60.1516	[REDACTED]	Scheduled	June 58
<u>NIS Chapter IX</u>			
60.1478	NIS 90, Argentina	In process	November 57
60.1479	NIS 29 ^M , Jordan	Scheduled	November 57
60.1480	NIS 15, Switzerland	Scheduled	December 57
60.1481	[REDACTED]	Scheduled	January 58
60.1482	NIS 77, Panama	Scheduled	March 58
60.1483	NIS 34, Afghanistan	Scheduled	April 58
60.1484	[REDACTED]	Scheduled	June 58
60.1564	NIS 25C, Cyprus	Scheduled	August 58
60.1565	NIS 55, Ethiopia, Eritrea, the Somalilands	Scheduled	October 58
60.1566	NIS 2, Ireland	Scheduled	November 58
60.1567	NIS 102, Southwest Pacific Islands	Scheduled	January 59
60.1568	[REDACTED]	Scheduled	February 59
60.1569	[REDACTED]	Scheduled	March 59
60.1570	NIS 101, West Pacific Islands	Scheduled	April 59
60.1571	NIS 30 ^M , Iraq	Scheduled	June 59

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<u>Project Control</u>	<u>Title</u>	<u>Requester</u>	<u>Status</u> ^{1/}	<u>Est. Date of Publication</u> ^{1/}
<u>Geographic Memorandum - G/I</u>				
61.1214	Change in Province Areas, China	M/AG/RR		
64.1540	Coverage of USSR by trips by private individuals and exchange groups	OCR (Com. on Exch.)	*	To be cancelled September 57
#64.1581	██████████ US-USSR Ag. Analogues	M/AG/RR	I	September 57
	25X1A9a			
<u>Geographic Memorandum - G/E</u>				
#69.1577	Accuracy of target positioning inside USSR	Navy	I	Open
#60.1582	Geog. Highlights of Terr. Waters (5 studies)	GE/State		September 57
<u>Service Jobs - G/S</u>				
			25X1A	
66.1185	RR Net of Latin America	Self-init.	****	2/
66.1186	Survey of No. Arctic/Sub-Arctic Research	Self-init.	I	Open
63.1209	City Plan: Gdansk, Poland	██████████	In abeyance	Open
63.1316	City Plan: Bucharest, Rumania	██████████	Delayed	IV 57
64.1419	USSR RR Map	S/TR/RR	**	III 57

1/ Status

- I Initial research started.
- * Research 1/3 complete.
- ** Research 2/3 complete.
- *** Research in final stage.
- **** Preparation for reproduction in process.

- Delayed: Work scheduled but due date and/or other work do not warrant beginning project.
- In abeyance: Some work done but higher priority work has taken precedence.
- #: New project initiated during month.
- Roman Numeral: Quarter of calendar year.

2/ 425 copies each of 3 maps delivered to International Conf. Division, State, for Pan Am. Ry. Congress. A brief "monograph" in preparation for other distribution (with maps).