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CONSOLIDATED TRANSLATION SURVEY

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Washington, D.C. 20505

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CONSOLIDATED TRANSLATION SURVEY

FOR AUGUST 1968

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared monthly from lists received through the cooperation of US government agencies and includes universities, research institutions, and commercial translation organizations. It is a compilation of projects completed or started during the preceding month.

Translations are listed by area and subject category. Scientific projects, are grouped as a section regardless of geographic area. Title in English, author, foreign language title of source of material, date of publication, and publication identification of the completed project are given when available. Tables of contents of journals translated cover-to-cover are reproduced from the current publications.

Projects in process, i.e., not completed as of the date of this survey, are noted with an asterisk (*), and when available, a project-control or "in-process" number is noted in parentheses following the title. Certain details may be unavailable in such projects. New projects in process are not listed again until they are completed.

An index to authors of items in this issue is provided at the end of the survey.

Scientific and Technical translations are grouped according to the COSATI subject category list except for military science and ordnance items which are listed under "military" in the appropriate geographic areas.

REQUESTS FOR COPIES

Requests for copies of published projects should be made direct to the designated producing organization.

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ACIC - Aeronautical Chart and Information Center
(see CFSTI)

ACSI - (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AF

Department of Air Force
Assistant Chief of Staff, Intelligence
ATTN: AFCIN-3D
Washington, D. C.

AFCRL Res Lib

Air Force Cambridge Research Laboratories
Research Library
Office of Aerospace Research
United States Air Force
Laurence G. Hanscom Field
Bedford, Massachusetts
ATTN: CRMCLR

AGU

American Geophysical Union
1515 Massachusetts Avenue, NW
Washington, D. C. 20005

AIP

American Institute of Physics
335 East 45th Street
New York, New York 10017

ANL - Argonne National Laboratory, Illinois
(see AEC)

BISI

British Iron and Steel Industry Translations Service
The Iron and Steel Institute
4 Garsvenor Gardens
London, S. W. 1, England

CB

Consultants Bureau Enterprises, Incorporated
227 West 17th Street
New York, New York 10011

CFSTI

Clearinghouse for Federal Scientific and Technical
Information (Formerly Office of Technical Services)
Port Royal and Braddock Roads
Springfield, Virginia 22151

CTT

Columbia Technical Translations
5 Vermont Avenue
White Plains, New York 10600

DIA

Defense Intelligence Agency
Washington, D. C. 20301

FP

The Faraday Press, Incorporated
84 Fifth Avenue
New York, New York 10011

FSTC

Defense Documentation Center
Cameron Station
Alexandria, Virginia

FTD - Foreign Technology Division (see AF)

HB

Henry Brutcher Technical Translations
P.O. Box 157
Altadena, California 91001

IEEE

Institute of Electrical and Electronics Engineers
275 Madison Avenue
New York, New York 10016

JPRS

U. S. Department of Commerce
Clearinghouse for Federal Scientific and
Technical Information
Joint Publications Research Service
Building Tempo E
East Adams Drive, 4th and 6th Streets, SW
Washington, D. C. 20443

NIC

Naval Intelligence Command
Naval Intelligence Command Headquarters
NIC-15
Washington, D. C.

NLL

National Lending Library
For Science and Technology
Boston Spa, Yorkshire, England

NOO

U. S. Naval Oceanographic Office
Washington, D. C. 20390

NSJ - (see AEC)

NSTIC

Ministry of Defense
Room 102, Station Square House
St. Mary Cray, Orpington, Kent
England

ORNL - Oak Ridge National Laboratory (see AEC)

OSA

Optical Society of America, Incorporated
American Institute of Physics
335 East 45th Street
New York, New York 10017

PG

Petroleum Geology
P.O. Box 171
McLean, Virginia 22101

Plenum Press

Plenum Press, Incorporated
227 West 17th Street
New York, New York 10011

Primary Sources

Primary Sources
11 Bleecker Street
New York, New York 10012

RSIC - Defense Documentation Center, Redstone
Scientific Information Center
(see CFSTI)

Sci & Tech Info Facility

Scientific and Technical Information Facility
National Aeronautics and Space Administration
Goddard Space Flight Center
Contract No NAS-5-12487

SIAM

Society for Industrial and Applied Mathematics
P.O. Box 7541
Philadelphia, Pennsylvania 19011

UCRL

University of California
Lawrence Radiation Laboratory
Livermore, California
(see AEC)

USSR

Economic

Economic Reform in Oil Industry Described, by V. Tarankov, 5 pp.
RUSSIAN, np, Bakinskiy Rabochiy, 11 June 1968, p 2.
JPRS 45,974

Labor for Construction Projects, 6 pp.
RUSSIAN, per, Dven'tsen' Stroitel'noy Tekhniki, Apr 1968, pp 1-4.
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Wholesale Prices in Food Industry Evaluated, by L. Skvortsov, G. Kabko, 5 pp.
RUSSIAN, per, Dengi i Kredit, 5 Mar 1968, pp 34-37.
JPRS 46,057

Proposals for Improving Work of Savings Banks, by P. Chetverikov, 11 pp.
RUSSIAN, per, Dengi i Kredit, No 4, 1968, pp 3-10.
JPRS 46,067

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JPRS 46,067

Proposal for Changing Credit Planning Discussed, by A. Polkov, 8 pp.
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JPRS 46,067

Economic Paradoxes in the Textile Industry, by L. Mikhaylov, 5 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 15, Apr 1968, pp 10-11.
JPRS 45742

USSR
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Controlling Trade Rebates and Distribution Costs, by M. Bakanov, 5 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 15, Apr 1968, pp 34-35.
JPRS 45742

Making Consumer Goods from Waste Products, by A. Nikitin, 5 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 17, Apr 1968, p 22.
JPRS 45,615

Direct Contracts Define National Economic Plan, by V. Tyukov, P. Lokshin, 10 pp.
RUSSIAN, np, Ekonomicheskaya Gazeta, No 17, Apr 1968, pp 28-29.
JPRS 45,615

Effect of Reform at Gorkiy Motor Vehicle Plant, by I. Parshin, Yef. Klenov, 6 pp.
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JPRS 45818

Achievements in Machine Tool Industry Praised, by A. Vladislavskiy, 6 pp.
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JPRS 45,976

Oil Firm Head Voices Problems in Economic Reform, by D. A. Takoyev, 5 pp.
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JPRS 46,068

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JPRS 46,070

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JPRS 45,947

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JPRS 45,764

System of Wages on Sovkhozes, by V. Zhurikov, G. Smolyaninov, 18 pp.
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JPRS 46,070

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DIA LN 814-68

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JPRS 45797

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F. D. Chinchanko, N. I. Voronin, 14 pp.
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Apr 1968, pp 77-83.
JPRS 45732

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Apr 1968, pp 103-106.
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DIA LN 743-68

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A. Zozulya, 5 pp.
RUSSIAN, np, Soviet Russia, 29 Mar 1968, p 3.
JPRS 45,970

Now Estimate Standards and Prices in Construction,
5 pp.
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p 3.
JPRS 45,860

Small Steel Stern Trawler, by Kh. A. Leval'd, 3 pp.
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*CFSTI TT 68-50473

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Proizvodstva, No 2, 1968, pp 3-5.
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1968, pp 2-5.
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5 pp.
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No 5, 1967, pp 94-99.
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of the Communications Industry, 9 pp.
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Apr 1968.
JPRS 45,958

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Obolomskaya, 12 pp.
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137.
JPRS 45821

Planning Model of Production and Realization of
Social Product and National Income, by V. Balkin,
V. Ivanter, 16 pp.
RUSSIAN, per, Voprosy Ekonomiki, May 1968, pp 58-
69.
JPRS 45769

Fifty Years of Planned Economic Development,
by B. Miroshnichenko, 7 pp.
RUSSIAN, per, Voprosy Ekonomiki, No 5, May 1968,
pp 139-142.
JPRS 45,970

Book on American Economics Reviewed, by
I. Alekseyev, 5 pp.
RUSSIAN, per, Voprosy Ekonomiki, No 5, May 1968,
pp 143-145.
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Work of Ural and Komi Economists, by
A. Buzlayeva, 6 pp.
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Urge Greater Role for Bank in CMEA Cooperation,
by Henryk Kielci, 5 pp.
POLISH, np, Zycie Gospodarcze, 26 May 1968, p 11.
JPRS 46,076

USSR
Political

Use of Technical Facilities in Propaganda, by
Sagizmundas Shimkus, 6 pp.
RUSSIAN, per, Kommunist, No 4, Apr 1968, pp 45-46.
JPRS 46,051

Let Us Educate Convinced Builders of Communism,
by P. Leonov, 12 pp.
RUSSIAN, per, Kommunist, No 8, 31 May 1968,
pp 52-61.
JPRS 46,072

A Study of the Laws Governing the Development of
the Socialist Society, by G. Araf'yeva, 8 pp.
RUSSIAN, per, Kommunist, No 8, May 1968, pp 113-117.
JPRS 46,072

Pravda Marks Anniversary of Birth of Marxism,
7 pp.
RUSSIAN, np, Pravda, 16 Mar 1968, pp 2-3.
JPRS 45,599

Investigatory Apparatus of Public Order Agencies,
by B. Viktorov, 8 pp.
RUSSIAN, np, Sotsialisticheskaya Zakonnost', Apr
1968, pp 11-15.
JPRS 45820

Latvian Official Presents State Plans for Better
Building, by E. K. Peterson, 5 pp.
RUSSIAN, np, Sovetskaya Latvija, 11 May 1968,
p 2.
JPRS 45821

Great Cooperation Exists Among Socialist Countries,
by M. Efremov, 5 pp.
MONGOLIAN, np, Uhen, 2 Nov 1967, pp 2, 3.
JPRS 45760

Military

Border Troops Celebrate Fiftieth Anniversary,
by P. Chirkin, 6 pp.
RUSSIAN, per, Azibat, No 8, 1968, pp 17-19.
JPRS 45736

Pentagon's Criminal Weapon, by B. Timofeyev.
RUSSIAN, per, Nekrest Azibat, No 17, 1967,
pp 30-32.
*FTD-ET-23-612-68

USSR
Military (Contd)

Certain Problems of Military Construction in the
Light of the Military-Philosophical Heritage of
V. I. Lenin, by A. Milovidov, 8 pp.
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Apr 1968, pp 8-13.
JPRS 45,601

Fiftieth Anniversary of the Military Commissariats,
by A. Chekulayev, 8 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, No 7,
Apr 1968, pp 22-27.
JPRS 45,601

Under the Banner of Proletarian Internationalism,
14 pp.
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Apr 1968, pp 31-37.
JPRS 45,601

The Marines Are Learning to Be Victorious, by
N. Belous, 10 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, No 7,
Apr 1968, pp 50-55.
JPRS 45,601

Economic Preparation of the Aggressive Imperialist
Elites for War, by V. Rut'kov, V. Korolev, 12 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, No 7,
Apr 1968, pp 67-74.
JPRS 45,601

History of Soviet Frontier Troops, by G.
Zabolotnyy, 10 pp.
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1968, pp 35-41.
JPRS 45775

Role of Komsomol in the Armed Forces, by
O. Zinchenko, 8 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil,
May 1968, pp 42-48.
JPRS 45775

Better Use of Training Time Urged, by I. Moskov,
7 pp.
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1968, pp 49-53.
JPRS 45775

Importance of Field Training Stressed, 10 pp.
RUSSIAN, per, Kommunist Vooruzhennykh Sil, May
1968, pp 54-58.
JPRS 45775

USSR
Military (Contd)

Review of Book on History of the Armed Forces,
by V. Korshunov, 14 pp.
RUSSIAN, per, Kommunist Voorushennikh Sil, May
1968, pp 87-93.
JPRS 45775

Space Weapons, by K. V. Morozov, 42 pp.
RUSSIAN, bk, Kosmicheskoye Oruzhiye, 1966,
pp 1-54. P100148868-V
FTD-MT-24-121-67

The Law of Missile Service, by Marshal N. I. Krtolov
RUSSIAN, np, Krasnaya Zvezda, 1967, 1 p.
*ACSI J-5115
FSTC-HT-23-243-68

On Extended Service, by N. Vasil'yev, 5 pp.
RUSSIAN, np, Krasnaya Zvezda, 10 Feb 1968, p 3.
JPRS 45730

Attackers from the Sky, by V. Margelov.
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*ACSI J-5180
FSTC-HT-23-245-68

Missile Unit Pledges Improved Performance, 6 pp.
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JPRS 45730

A Missile Launching Exercise, by M. Sviridov.
5 pp.
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JPRS 45730

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JPRS 45730

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RUSSIAN, np, Krasnaya Zvezda, 25 May 1968, p 2.
JPRS 45768

Problems of Methodology as Seen by Air Defense
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RUSSIAN, np, Krasnaya Zvezda, 12 June 1968, p 2.
JPRS 46,058

Anti-Submarine Warfare Exercise Conducted in
the Pacific, by N. Kotysh, 6 pp.
RUSSIAN, np, Krasnaya Zvezda, 23 June 1968, p 2.
JPRS 46,058

USSR
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Technical Expertise Important to Rocket Commander,
by V. Samsonov, 5 pp.
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p 2.
JPRS 46,058

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EDITOR'S NOTE

With the exception of certain trigonometric and hyperbolic functions, Soviet mathematical symbols are the same as those encountered in the American literature. For the reader's convenience a list of such exceptions and their American equivalents is given below.

<u>Soviet Usage</u>	<u>American equivalent</u>
Arch	$\cosh^{-1}$
Arcth	$\coth^{-1}$ (ctnh^{-1})
Arsh	$\sinh^{-1}$
Arth	$\tanh^{-1}$
arccos	$\cos^{-1}$ (arc cos)
arctg	$\cot^{-1}$ (arc cot)
arcsin	$\sin^{-1}$ (arc sin)
arctg	$\tan^{-1}$ (arc tan)
ch	cosh
cosoc	csc
ctg	cot (ctn)
cthr	$\coth$ (cinh)
rot	curl
sch	sech
sh	sinh
tg	tan
th	tanh

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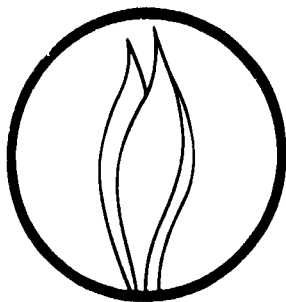
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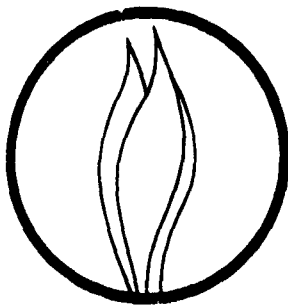
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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	Academy of Sciences, USSR
CC CPSU.....	Central Committee, Communist Party, Soviet Union.
DAN.....	Proceedings of the Academy of Sciences.
Gintsvetmet.....	State Institute of Non-Ferrous Metals.
Gipronikel'.....	State Institute for the Design and Planning of Nickel Establishments.
Giprotsvetmet.....	State Institute for the Design and Planning of Non-Ferrous Establishments.
Giredmet.....	State Rare Metals Institute.
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR.
GOST.....	All-Union Standard.
IL.....	Foreign Literature Publishing House.
KazSSR.....	Kazakh SSR.
L-M.....	Leningrad-Moscow.
Mekhanobr.....	Scientific Research Institute for Mechanical Concentration of Minerals.
MVTU.....	Moscow Higher Technical School.
TsIIMsvetmet.....	Central Institute for Information on Non-Ferrous Metals.
TsNIICbM.....	Central Scientific Research Institute of Ferrous Metallurgy.
UAZ.....	Ural Aluminum Plant.
UFAN.....	Ural Branch of the Academy of Sciences of the USSR.
UkrSSR.....	Ukrainian SSR.
VAMI.....	All-Union Aluminum and Magnesium Institute.
VTUZ.....	Institute of Higher Technical Education.
VUZ.....	Institute of Higher Education.

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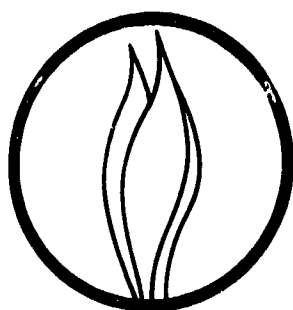
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Central Intelligence Agency



Washington, D.C. 20505

7 September 2004

Ms. Roberta Schoen
Deputy Director for Operations
Defense Technical Information Center
7725 John J. Kingman Road
Suite 0944
Ft. Belvoir, VA 22060

Dear Ms. Schoen:

In February of this year, DTIC provided the CIA Declassification Center with a referral list of CIA documents held in the DTIC library. This referral was a follow on to the list of National Intelligence Surveys provided earlier in the year.

We have completed a declassification review of the "Non-NIS" referral list and include the results of that review as Enclosure 1. Of the 220 documents identified in our declassification database, only three are classified. These three are in the Release in Part category and may be released to the public once specified portions of the documents are removed. Sanitization instructions for these documents are included with Enclosure 1.

In addition to the documents addressed in Enclosure 1, 14 other documents were unable to be identified. DTIC then provided the CDC with hard copies of these documents in April 2004 for declassification review. The results of this review are provided as Enclosure 2.

We at CIA greatly appreciate your cooperation in this matter. Should you have any questions concerning this letter and for coordination of any further developments, please contact Donald Black of this office at (703) 613-1415.

Sincerely,

A handwritten signature in cursive script, reading "Sergio N. Alcivar".

Sergio N. Alcivar
Chief, CIA Declassification Center,
Declassification Review and Referral
Branch

Enclosures:

1. Declassification Review of CIA Documents at DTIC (with sanitization instructions for 3 documents)
2. Declassification Status of CIA Documents (hard copy) Referred by DTIC (with review processing sheets for each document)

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Processing of OGA-Held CIA Documents

The following CIA documents located at DTIC were reviewed
by CIA and declassification guidance has been provided.

OGA Doc ID	Job Num	Box	Fldr	Doc	Doc ID	Document Title	Pub Date	Pages	Decision	Proc Date
AD0831939	78-03109A	59	1	2	123	Consolidated Translation Survey Through 31 March 1968	3/31/1968	252	Approved For Release	3/25/2004
AD08333917	78-03109A	59	1	3	124	Consolidated Translation Survey Through 30 April 1968	4/30/1968	223	Approved For Release	3/25/2004
AD0835906	78-03109A	59	1	4	125	Consolidated Translation Survey Through 31 May 1968	5/31/1968	267	Approved For Release	3/25/2004
AD0838252	78-03109A	59	1	5	126	Consolidated Translation Survey Through 30 June 1968	6/30/1968	341	Approved For Release	3/25/2004
AD0839299	78-03109A	59	1	6	127	Consolidated Translation Survey Through 31 July 1968	7/31/1968	354	Approved For Release	3/25/2004
AD0841414	78-03109A	59	1	7	128	Consolidated Translation Survey Through 31 August 1968	8/31/1968	255	Approved For Release	3/25/2004
AD0844244	78-03109A	59	1	8	129	Consolidated Translation Survey Through 30 September 1968	9/30/1968	259	Approved For Release	3/25/2004
AD0845247	78-03109A	60	1	1	130	Consolidated Translation Survey Through 31 October 1968	10/31/1968	252	Approved For Release	3/25/2004
AD0847806	78-03109A	60	1	2	131	Consolidated Translation Survey Through 30 November 1968	11/30/1968	284	Approved For Release	3/25/2004
AD0848152	78-03109A	60	1	3	132	Consolidated Translation Survey Through 31 December 1968	12/31/1968	176	Approved For Release	3/25/2004
AD0848841	78-03109A	60	1	4	133	Consolidated Translation Survey Through 31 January 1969	1/31/1969	188	Approved For Release	3/25/2004
AD0850186	78-03109A	60	1	5	134	Consolidated Translation Survey Through 28 February 1969	2/28/1969	167	Approved For Release	3/25/2004
AD0851748	78-03109A	60	1	6	135	Consolidated Translation Survey Through 31 March 1969	3/1/1969	232	Approved For Release	4/5/2004
AD0853348	78-03109A	60	1	7	136	Consolidated Translation Survey Through 30 April 1969	4/30/1969	262	Approved For Release	3/25/2004
AD0856606	78-03109A	60	1	8	137	Consolidated Translation Survey Through 31 May 1969	5/31/1969	306	Approved For Release	3/25/2004
AD0857706	78-03109A	63	1	1	138	Consolidated Translation Survey Through 30 June 1969	8/22/1969	413	Approved For Release	3/25/2004
AD0858054	78-03109A	63	1	2	139	Consolidated Translation Survey Through 31 July 1969	9/3/1969	185	Approved For Release	3/25/2004
AD0860022	78-03109A	63	1	3	140	Consolidated Translation Survey Through 31 August 1969	10/3/1969	315	Approved For Release	3/25/2004
AD0860905	78-03109A	63	1	4	141	Consolidated Translation Survey Through 30 September 1969	9/30/1969	285	Approved For Release	3/25/2004
AD0861886	78-03109A	63	1	5	142	Consolidated Translation Survey Through 31 October 1969	10/31/1969	269	Approved For Release	3/25/2004
AD0863371	78-03109A	63	1	6	143	Consolidated Translation Survey Through 30 November 1969	11/30/1969	224	Approved For Release	3/25/2004
AD0864516	78-03109A	63	1	7	144	Consolidated Translation Survey Through 31 December 1969	12/31/1969	177	Approved For Release	3/25/2004