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CONSOLIDATED TRANSLATION SURVEY

Number 108

For December 1966

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CONSOLIDATED TRANSLATION SURVEY

FOR DECEMBER 1966

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CONSOLIDATED TRANSLATION SURVEY

PREFACE

This survey is prepared monthly by the Foreign Documents Division, Office of Central Reference, CIA, from lists received through the cooperation of US government agencies and includes translations prepared by such agencies, private industry universities, research institutions, and commercial translation organizations. It is a compilation of foreign documentary 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 on 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.

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ACIC - Aeronautical Chart and Information Center
(see CFSTI)

ACSI (see DIA)

AEC - Atomic Energy Commission (see CFSTI)

AGI

American Geological Institute
AGI Translations Office
2101 Constitution Avenue, NW
Washington, D.C. 20000

AGU

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

AI

Advance Information
Frederick A. Praeger, Publishers
111 Fourth Avenue
New York, N.Y. 10003

AIP

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

Amer Math Soc

American Mathematical Society
190 Hope Street
Providence 6, Rhode Island

AMS - (see ACSI)

ANL - Argonne National Laboratory, Illinois
(see AEC)

APL - Applied Physics Laboratory (see Navy)

ATD - Aerospace Technology Division
(see Library of Congress)

BISI

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

BuShips - Bureau of Ships (see Navy)

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

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

DIA

Defense Intelligence Agency
Washington, D.C. 20301

DTMB - David Taylor Model Basin (see Navy)

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 Bratcher Technical Translations
P.O. Box 157
Altadena, California 91001

HEW - See NIH

IEEE

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

IPST

Israel Program for Scientific Translation
14 Shammai Street
P. O. Box 7145
Jerusalem, Israel

**JHU/APL - The Johns Hopkins University/Applied Physics
Laboratory (see Navy)**

JPRS

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

NASA

National Aeronautics and Space Administration
1512 H. Street, NW
Washington, D.C. 20546

Navy

Department of Navy
Office of Naval Intelligence
Washington 25, D.C.

NIH

Circulation Unit
Readers Services Section
Library Branch, DRS
National Institutes of Health
Building 10, Room 5N118
Bethesda, Maryland 20014

NMS - Navy Medical School (see Navy)

NRL - Naval Research Laboratories (see Navy)

ONI - Office of Naval Intelligence (see Navy)

ORNL - Oak Ridge National Laboratory (see AEC)

OSA

Optical Society of America, Incorporated
33 University Road
Cambridge, Massachusetts 02138

PG

Petroleum Geology
Box 171
McLean, Virginia

Progress Publishers

21 Zubovsky Boulevard
Moscow

Primary Sources

Primary Sources
11 Bleecker Street
New York, New York 10012

Rand Corp

Rand Corporation
ATTN: Publications Office
1700 Main Street
Santa Monica, California

RSIC - (see DDC/RSIC)

SLAC - Stanford Linear Accelerator Center - (see AEC)

TC

Trans-Chem
Chemical Translation Service
1216 Oakdale, S. E.
Knoxville, Tennessee 37914

UCRL

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

USSR

Economic

Man-Machine Relationships in Railroad Control, by G. A. Krasovskiy, 9 pp.
RUSSIAN, per, Avtomatika, Telemekhanika i Svyaz', No 4, 1966, pp. 8-11.
JPRS 38298

British and U.S. Petroleum Monopolies Exploit the Persian Gulf, by B. Soskin, 5 pp.
RUSSIAN, np, Balkinskiy Rabochiy, 22 Sept 66, p. 3.
JPRS 38416

Need for Timely Development and Utilization of Construction Standards and Norm Documents, 6 pp.
RUSSIAN, per, Byulleten' Stroitel'noy Tekhniki, No. 8, Aug 1966, pp. 5-8.
JPRS 38881

Financial Aspects of Agricultural Development, 10 pp.
RUSSIAN, per, Dan'gi i kredit, No 7, Jul 1966, pp. 3-9.
JPRS 38263

The New Economic System and Monetary Circulation, by I. Slavyy, 15 pp.
RUSSIAN, per, Dan'gi i kredit, No 7, Jul 1966, pp. 10-20.
JPRS 38263

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JPRS 38264

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JPRS 38217

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USSR
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JPRS 38355

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JPRS 38945

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Selecting Optimum Sites for Production of Nitrogen Fertilizers, by M. M. Albegov, V. A. Mash, M. B. Moks and L. G. Shlyafar, 12 pp.
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JPRS 38410

Prospects for Agricultural Development in the USSR, by L. Florent'yev, 15 pp.
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Problems of Metal Conservation in Machine Building, by N. Mel'nitskiy, 7 pp.
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JPRS 38493

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RUSSIAN, bk, Material'no-Tekhnicheskaya Baza Rybnol Promyshlennosti SSSR, 1964, 72 pp.
*CFSII TT 67-31287

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JPRS 38467

Contemporary Condition of the World Shrimp Industry, by B. G. Ivanov, 133 pp.
RUSSIAN, bk, Sovremennoe Sostoyanie Mirovogo Promysla Krevetok, 1964, 133 pp.
*CPSTI TT 67-51268

Report of the 5th International Congress of the Federation of Prestressed Concrete on the Utilization of Prestressed Concrete, by K. Mikhaylov, 5 pp.
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JPRS 38354

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Automation of Construction and Road Machinery,
5 pp.
RUSSIAN, per, Stroitel'nyye i Dorozhnyye Mashiny,
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Brick Industry, by G. S. Chubarov, 10 pp.
RUSSIAN, per, Stroitel'nyye Materialy, Aug
1966, pp. 9-11.
JPRS 38506

Prospects of Growth in the Industry of Soft
Roofing and Waterproofing Materials, by M. V.
Lesnykh, 6 pp.
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Aug 1966, pp. 12-13.
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Operation of Enterprises under New Conditions
of Planning and Economic Stimulation, by P. F.
Gritsenko and G. P. Prishchepa, 5 pp.
RUSSIAN, per, Tekhnologiya i Organizatsiya
Proizvodstva, No. 5, 1966, pp. 4-7.
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Fulfilling the Program of Land Reclamation -
the Power and Resources of Machine Building,
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JPRS 38411

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With the Design of New Tractor Models, by
F. N. Lushnikov, 9 pp.
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Aug 1966, pp. 15-17.
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Improving Designing for Transport Construction,
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7, July 1966, pp. 1-4.
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The Development of the Western Siberian Railway
in the New Five-Year Plan, by N. P. Nikol'skiy,
7 pp.
RUSSIAN, per, Tyazh, No. 6, June 1966, pp. 1-3.
JPRS 38526

USSR
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Practical Inter-Rayon Transport of Building
Materials Developed in Western Siberia, by
V. P. Cheremisin, 6 pp.
RUSSIAN, per, Vestnik Moskovskogo Universiteta,
Ser V, Geografiya, No 4, 1966, pp. 85-88.
JPRS 38412

Coefficients of Production Funds Capacity in
the USSR National Economy As of 1 January 1960,
14 pp.
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pp. 87-95.
JPRS 38493

Literature on Communication Economics, by B. A.
Voronov, 3 pp.
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JPRS 38601

Five-Year Plan for River Transport in the
Russian Federation (RSFSR), by N. Volkov,
G. Matlin, V. Leonov and Ye. Srednev, 12 pp.
RUSSIAN, np, Vodnyy Transport, 12 Jul 1966,
p. 2.
JPRS 38227

The Five-Year Plan in the Dnepr River Basin
in Belorussia and the Ukraine, by I. Rabinovich,
N. Kytmanov, and A. Roytbrud and K. Strasov,
12 pp.
RUSSIAN, np, Vodnyy Transport, 2 Aug 1966,
p. 3.
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Economists Discuss Problems Pertaining to the
Use of Labor Resources, by Yu. Tuvayukov and
N. Lagutin, 7 pp.
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Mar 1966, pp. 140-143.
JPRS 38217

Acceleration of Growth Rates of Labor
Productivity Called For in New Five-Year
Plan, by Ye. Kapustin, 12 pp.
RUSSIAN, per, Voprosy Ekonomiki, No 5, May
1966, pp. 3-10.
JPRS 38219

The Plan and the Market under a Socialist
Economy, by I. Konnik, 15 pp.
RUSSIAN, per, Voprosy Ekonomiki, No. 5, May
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On Criteria of Optimality in the Schedules of National Economic Planning, by R. Khabibi, 9 pp.
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JPRS 38466

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JPRS 38809

Development of the Economy of Socialist Countries, by P. Alampiyev, N. Stolpov and A. Telefus, 15 pp.
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JPRS 38363

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Accelerating Scientific and Technical Progress and Increasing the Effectiveness of Public Production, by T. Khachaturov and D. L'vov, 16 pp.
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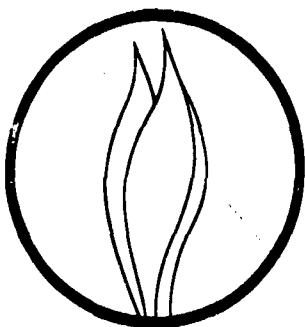
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ERRATA

The following corrections are translated from pages 494 and 726 of Tom 167.

V. I. Ševčenko, *On a boundary value problem for a vector holomorphic in a half-space*, Vol. 5 (1964), no. 1, 92-95 (Russian pages Tom 154, 276-278):

On page 94, after equation (7), after equation (7), "By condition (7) angles ..." should read "Let us assume that continuous angles ..." This assumption should also be included in the condition of the theorem. Note that the theorem is still true even without this further assumption.

V. P. Platonov, *Some classes of topological groups*, Vol. 5, no. 5, 1316-1320 (Russian pages Tom 158, 784-787), in Lemma 1 $H = Z_G(G_0)$ should read $H = Z_G(G_0) G_0$.

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ERRATA

The following correction has been sent to the translation editor by the author of the original article:

A. G. Ramm, *On necessary and sufficient conditions for the principle of limit amplitude*, Vol. 6 (1965), no. 4, 981-983 (Russian pages Tom 163, 584-586). Equation (8) should be as follows:

$$\iint_{DD} [|D_x^2 K(x, y)|^2 + |D_y^2 K(x, y)|^2 + p^2(x) |K(x, y)|^2] dx dy < \infty.$$

The following corrections are translated from page 494 of Tom 168:

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HELIOTECHNOLOGY

No 4, 1966

- USSR -

[Following is a cover-to-cover translation of the Russian-language periodical Geliotekhnika (Heliotechnology), No 4, Tashkent, 1966, pages 3-91. Authors and exact source pages are indicated with each article.]

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- USSR -

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SCIENTIFIC AND TECHNICAL INFORMATION

(No 8, 1966)

Following is a complete translation of the Russian-language periodical Nauchno-Tekhnicheskaya Informatsiya (English version above), No 8, 1966, Moscow, pp 1-48. Authors' names and original page numbers accompany each article.

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PROBLEMS OF CYBERNETICS

No. 16, 1966

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(Vol XXV, No. 7, 1966)

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TRANSLATIONS FROM TI-LI-HSUEH TZU-LIAO
(MEMOIRS OF GEOGRAPHY), No. 4, JUNE 1959

- Communist China -

This report contains the complete translation of the Chinese-language periodical, Ti-li-hsueh Tzu-liao (Memoirs of Geography), Peiping, No. 4, 1959, pages 1-108. Complete bibliographic information accompanies each article.

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RUSSIAN ABBREVIATIONS IN TEXT

AN SSSR.....	Academy of Sciences, USSR.
CPSU.....	Communist Party, Soviet Union.
DAN.....	Proceedings of the Academy of Sciences.
Gintsvetmet.....	State Institute for 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 Metals Industry Establishments.
Giredmet.....	State Rare Metals Scientific Research Institute.
Gosplan.....	State Planning Committee of the Council of Ministers of the USSR.
GOST.....	All-Union Standard.
IL.....	Foreign Literature Publishing House.
L-M.....	Leningrad-Moscow.
Mekhanobr.....	Scientific Research Institute for Mechanical Concentration of Minerals.
NTIP.....	People's Commissariat of Heavy Industry
NTO.....	Scientific and Technical Division.
Sovmarkhoz.....	Council of the National Economy.
TsIIN TsM.....	Central Office for Information on Non-Ferrous Metals.
VAMI.....	All-Union Aluminum and Magnesium Institute.
VNIITsvetmet.....	All-Union Scientific Research Institute of Non-Ferrous Metals.
VUZ.....	Institute of Higher Education.

Available From Primary Sources

Vestnik OF THE USSR ACADEMY OF MEDICAL SCIENCES

Vol XXI, No 8, 1966

[Following is a complete translation of the Russian-language journal Vestnik Akademii Meditsinskikh Nauk SSSR (Herald of the USSR Academy of Medical Sciences), Moscow, Vol XXI, No 8, 1965, pp 1-94.]

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Industrial Laboratory

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Vol. 32, No. 4

April, 1966

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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, appearing to read "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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ENCLOSURE I



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
AD0482732	78-03109A	56	1	5	100	Consolidated Translation Survey For April 1966	4/1/1966	203	Approved For Release	3/25/2004
AD0485874	78-03109A	56	1	6	101	Consolidated Translation Survey For May 1966	5/1/1966	250	Approved For Release	3/25/2004
AD0486759	78-03109A	56	1	7	102	Consolidated Translation Survey For June 1966	6/1/1966	265	Approved For Release	3/25/2004
AD0488131	78-03109A	56	1	8	103	Consolidated Translation Survey For July 1966	7/1/1966	178	Approved For Release	3/25/2004
AD0800235	78-03109A	57	1	1	104	Consolidated Translation Survey For August 1966	8/1/1966	264	Approved For Release	3/25/2004
AD0801439	78-03109A	57	1	2	105	Consolidated Translation Survey For September 1966	9/1/1966	211	Approved For Release	3/25/2004
AD0803607	78-03109A	57	1	3	106	Consolidated Translation Survey For October 1966	10/1/1966	247	Approved For Release	3/25/2004
AD0804982	78-03109A	57	1	4	107	Consolidated Translation Survey For November 1966	11/1/1966	203	Approved For Release	3/25/2004
AD0806465	78-03109A	57	1	5	108	Consolidated Translation Survey For December 1966	12/1/1966	234	Approved For Release	3/25/2004
AD0808740	78-03109A	57	1	6	109	Consolidated Translation Survey For January 1967	1/1/1967	277	Approved For Release	3/25/2004
AD0811456	78-03109A	57	1	7	110	Consolidated Translation Survey For February 1967	2/1/1967	234	Approved For Release	3/25/2004
AD0813563	78-03109A	57	1	8	111	Consolidated Translation Survey For March 1967	3/1/1967	342	Approved For Release	3/25/2004
AD0814969	78-03109A	57	1	9	112	Consolidated Translation Survey For April 1967	4/1/1967	268	Approved For Release	3/25/2004
AD0816126	78-03109A	58	1	1	113	Consolidated Translation Survey Through 31 May 1967	5/31/1967	210	Approved For Release	3/25/2004
AD0818406	78-03109A	58	1	2	114	Consolidated Translation Survey Through 30 June 1967	6/30/1967	271	Approved For Release	3/25/2004
AD0834366	78-03109A	58	1	3	115	Consolidated Translation Survey Through 31 July 1967	7/31/1967	318	Approved For Release	3/25/2004
AD0820905	78-03109A	58	1	4	116	Consolidated Translation Survey Through 31 August 1967	8/31/1967	308	Approved For Release	3/25/2004
AD0822924	78-03109A	58	1	5	117	Consolidated Translation Survey Through 30 September 1967	9/30/1967	330	Approved For Release	3/25/2004
AD0824515	78-03109A	58	1	6	118	Consolidated Translation Survey Through 31 October 1967	10/31/1967	200	Approved For Release	3/25/2004
AD0824581	78-03109A	58	1	7	119	Consolidated Translation Survey Through 30 November 1967	11/30/1967	194	Approved For Release	3/25/2004
AD0832430	78-03109A	58	1	8	120	Consolidated Translation Survey Through 31 December 1967	12/31/1967	100	Approved For Release	3/25/2004
AD0828154	78-03109A	58	1	9	121	Consolidated Translation Survey Through 31 January 1968	1/31/1968	221	Approved For Release	3/25/2004
AD0829939	78-03109A	59	1	1	122	Consolidated Translation Survey Through 29 February 1968	2/29/1968	246	Approved For Release	3/25/2004