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(FOUO 4/81)

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RAILROAD

ROLLING STOCK OF ELECTRIFIED RAILROADS

Moscow PODVIZHNOY SOSTAV ELEKTRIFITSIROVANNYKH ZHELEZNYKH DOROG in Russian 1980 (signed to press 21 Oct 80) pp 2, 469-471

[Title page and table of contents of B. N. Tikhmenev and L. M. Trakhtman's book: "The Rolling Stock of the Electrified Railroads"]

[Text] [Title Page] The Theory of the operation of the electrical equipment. The Electrical Circuits and Apparatuses. A textbook for VUZ's of railroad transport. Fourth edition, revised and enlarged--Moscow; TRANSPORT 1980 - 471 pages.

The book sets forth the theoretical principles of the operation of the electric equipment of the electric rolling stock; it examines the principles of the control of traction motors in the starting and electrical braking systems; it cites the principles underlying the setting up of electrical circuits for electric locomotives and electric trains and for noncontact control systems; it provides the elements of the theory and examines the characteristics of the structure of the traction electric devices.

In comparison with the previous edition, which was published in 1969, the book adds a description of the present-day systems of automatic regulation and impulse control of the EPS [electric rolling stock] and the various electronic devices.

The book was approved by the Main Administration of Educational Institutions of the MPS [Ministry of Railways] as a textbook for students of the VUZ's of railroad transport. It can be used as an aid for the specialty of "Electrical Transport" for students of other VUZ's and will also be useful for scientific and engineer-technical workers.

Number of illustrations--48, tables--8, bibliography--41 items.

Reviewers N. N. Sidorov, A. V. Plaks and V. I. Nekrasov

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RAILROAD

BASIC INDICATORS, MEASURES OF TRANSPORTATION WORK

Moscow OSNOVNYYE POKAZATELI I IZMERITELI RABOTY TRANSPORTA in Russian 1980 (signed to press 21 Oct 80) pp 2, 215-216

[Title page and table of contents of Ya. F. Gulev and P. K. Lebedinskiy's book "The Basic Indicators and Measures of Transportation Work"]

[Text] [Title Page] Handbook--Moscow: TRANSPORT, 1980--216 pages.

The handbook contains operational and economic indicators for the operation of railroad, maritime, river, motor vehicle, air and pipeline transport; it sets forth the technical and economic characteristics of the various types of transport; it cites the technical and operational characteristics of the locomotives and cars, the maritime and river vessels, the motor vehicles, planes and other technical facilities used in transport and it contains information on the cost and periods of their operations; it provides basic information on the transport of the CEMA countries; it cites and defines the terms employed in the various types of transport.

The book is designed for economists and engineer-technical workers who are concerned with the operation and development of transport, for workers of various sectors of industry engaged in the planning and organization of shipments of the products of their enterprises, and for students of the transport educational institutions. Number of tables 88, Bibliography 39 items.

Reviewers: Doctor of Economic Sciences A. P. Abramov, Candidate of Economic Sciences N. A. Subbotin, Engineer M. P. Antonov, Doctors of Technical Sciences N. B. Ostrovskiy and I. S. Golubev.

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RAILROAD

BOOK COLLECTION OF ARTICLES ON BAM CONSTRUCTION TROOPS

Moscow SOLDATSKIYE REL'SY BAMA in Russian 1980 (signed to press 20 Jun 80) pp 2, 142-143

[Outline of anthology "The Soldier Rails of BAM [Baykal-Amur Main Line]," compiled by A. M. Filimonov, illustrated by V. P. Vysotskiy, Moscow, Voenizdat, 142 pp]

[Excerpts] [Frontispiece] The book tells about the selfless labor of the soldiers of the railroad troops in the construction of the eastern sector of the Baykal-Amur Main Line. These are stirring narratives concerning the valor and courage of the soldiers and about the communists and Komsomol members who are worthy representatives of the Soviet Armed Forces on the labor front.

The book is designed for a wide circle of readers.

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RAILROAD

BOOKLET DISCUSSES HEATING FOR BAM SETTLEMENTS

Moscow BAM V POMOSHCH' STROITELIAM: TEPLOSABZHENIYE POSELKOV in Russian 1979
(signed to press 11 Mar 79) pp 3-4, 48-49

[Outline of booklet by Ya. D. Peker, M. U. Shimanovich and V. A. Kravchenko.
"Supplying Heat to the Settlements (BAM Helps the Construction Workers)," 1979,
48 pp]

[Excerpts] [Frontispiece] The book describes the characteristics of the climate on the Baykal-Amur Main Line and the needs for heating protection for the dwelling houses. It examines the heating sources and the possibility of using electric and solar energy to heat the residences; it focuses attention on the task of increasing the effectiveness of the ventilating equipment.

The book is designed for the engineering-technical workers who are engaged in the planning, construction and operation of the heating equipment for the settlements on the BAM.

Foreword.--Under the severe climatic and geological engineering conditions which attend the construction of the Baykal-Amur Main Line throughout its length, the supplying of heat entails some very urgent problems. They have acquired especially great importance in light of the ever-increasing requirements for mobile heating sources and rapidly installed assembly and disassembly engineering systems, and sometimes simply the lack of the necessary experience.

On the basis of a generalization of the work of the equipment and operation of the heating systems on the BAM construction project, the authors of the booklet suggest measures for increasing the effectiveness and reliability of the heat supply, the heating and the ventilation. They examine the possibility of using electric and solar energy for heating. They recommend devices for heat insulation of the buildings and for utilization of the heat from exhaust air.

The booklet will be useful for the planning and the construction workers.

Manager of the Bamtranstekhmontazh
[BAM Transport Equipment Installation
Trust] A. N. Gudkov

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RAILROAD

PRICE LIST FOR RAILROAD CONSTRUCTION WORK CHARACTERIZED

Moscow PREYSKURANT NA STROITEL'STVO OB'EKTOV ZHELEZNODOROZHNOGO TRANSPORTA (Chast' V) ZDANIYE, SOORUZHENIYA I USTROYCTVA SVYAZI I STsB in Russian 1980 (signed to press 14 Aug 80) pp 2, 143

[Title page, facing page, and table of contents from the book "Price List for Construction of Railroad Transportation Installations"]

[Text] [Title Page] Price List--Part 5 Communications and STsB [expansion unknown] Structures and Devices. Section 5. Approved by the Ministry of Railways [MPS] 7 Sep 79 No P-29821 Coordinated with Gosstroy USSR 5 Sep 79 No 4-1235

Price List for the Construction of Communications and STsB Structures and Devices. Issued by the Ministry of Railways--Moscow Stroyizdat, 1980--143 pp.

Prepared by the Gipromtransstroy [State Planning Institute for Transportation Construction]

Editors--Engineers A. D. Bobrov and V. V. Mazurovskaya (Gosstroy USSR) V. G. Yeremeyev (Gipromtransstroy), N. G. Pyshkina (MPS)

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BOOK ON BAM AND DEVELOPMENT OF THE BAYKAL REGION

Novosibirsk BAM I OSVOYENIYE ZABAYKAL'YA in Russian 1979 (signed to press 3 Sep 79)
pp 2, 159

[Title page and table of contents of the book "BAM and the Development of the Baykal Region" by A. A. Nedeshev, F. F. Bybin and A. M. Kotel'nikov, Novosibirsk: Nauka, 1979, 158 pp]

[Text] [Frontispiece] The work sets forth the content of the BAM [Baykal-Amur Main Line] national economic program and maps out the strategy for development of the northern Baykal region--one of the prospective regions of the Baykal zone. It delineates the problems entailed in the development of production in the Udokanskiy industrial center, which came into being as a result of the construction of the BAM. It describes the natural conditions and resources of the northern Chita region and its economy in its current stage. It analyzes the problems attending the development of the industries of the Udokanskiy industrial center and examines the impact of the future main line on the development of the economy of Chitinskaya Oblast.

The book is designed for workers of the scientific institutions and the planning, economic and design organizations which deal with problems of the economic development of the BAM zone. The monograph is of interest to teachers and graduate and undergraduate students who are studying the present-day problems of the territorial organization of the production of the eastern regions of the country.

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PRICE LIST FOR RAILROAD CONSTRUCTION WORK CHARACTERIZED

Moscow PREYSKURANT NA STROITEL'STVO OB'EKTOV ZHELEZNODOROZHNOGO TRANSPORTA (Chast' III) ISKUSSTVENNYYE SOORUZHENIYA in Russian 1980 (signed to press 7 Jul 80] title page, pp 2, 38

[Title page, facing page, and table of contents for Price List for Construction of Railroad Transport Installations]

[Text] [Title Pages] Price List--Part 3 Man-Made Structures. Section 6. Approved by the Ministry of Railways 22 Jun 1979 No A-21150 Coordinated with Gosstroy USSR 15 Jun 1979 No 4-82

Moscow STROYIZDAT 1980--37 pp

[Frontispiece] Price List for Construction of Railroad Transport Installations Part 3 Section 6 Man-Made Structures. Ministry of Railways [MPS]--Moscow: Stroyizdat, 1980--38 pp.

Prepared by the Gipromtransstroy [State Planning Institute for Transportation Construction]

For specialists engaged in the preparation of estimate documentation and for engineer-technical workers of the construction organizations.

Editors--Engineers A. D. Bobrov (Gosstroy USSR), R. P. Kartseva (MPS), V. K. Shkil' (Gipromtransstroy, MTS USSR).

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