

ARDENTOV, I.N.; BELORUSSOV, L.M.; IVANOVA, V.N.; CHISTYKOV, V.A.; BELOV, M.,  
red.; SKVORTSOVA, L., tekhn. red.

[Soligalich] Soligalich. By I.N.Ardentov i dr. Kostroma, Kostromskoe  
knizhnoe izd-vo, 1960. 146 p. (MIRA 14:7)  
(Soligalich)

ZHELUDKOV, Aleksey Petrovich, kand. ekon. nauk. Prinsipali uchastiye:  
TERGOYEVA, Ye.P.; SHIMETKINA, A.V.; LEBEDEVA, N.N.; BELOV, M.,  
red.; SKVORTSOVA, L., tekhn. red.

[Discussions on the fundamentals of the economics of socialistic  
agricultural production] Besedy po osnovam ekonomiki sotsialisti-  
cheskogo sel'skokhoziaistvennogo proizvodstva. Kostroma, Kostrom-  
skoe knizhnoe izd-vo, 1960. 220 p. (MIRA 14:12)

1. Zaveduyushchiy kafedroy ekonomiki i organizatsii sel'skokhozyay-  
stvennogo proizvodstva Kostromskogo sel'skokhozyavstvennogo instituta  
"Karavayevo" (for Zheludkov). 2. Kafedra ekonomiki i organizatsii sel'sko-  
khozyaystvennogo proizvodstva Kostromskogo sel'skokhozyaystvennogo in-  
stituta "Karavayevo" (for Tergoyeva, Shimetkina, Lebedeva).  
(Agriculture--Economic aspects)

KOLBASOVA, V.K.; LYAMINA, V.P., starshiy nauchnyy sotrud.; MAKAROV, A.S.;  
SHEPELEVA, N.A., starshiy nauchnyy sotrud.; SHPINDLER, M.A.,  
kand. ekon. nauk, red.; BELOV, M., red.; TROPINOVA, Z., tekhn. red.

[Workers' control and nationalization of the industry in the Kostroma Government; collection of documents, 1917-1919] Rabochii kontrol' i natsionalizatsiia promyshlennosti v Kostromskoi gubernii; sbornik dokumentov, 1917-1919 gg. Kostroma, Kostromskoe knizhnoe izd-vo, 1960. 223 p. (MIRA 14:5)

1. Kostroma (Province) Upravleniye vnutrennikh del. Arkhivnyy otdel.
2. Nachal'nik Gosudarstvennogo arkhiva Kostromskoy oblasti (for Kolbasov)
3. Nachal'nik Arkhivnogo otdela Upravleniya vnutrennikh del Kostromskogo oblispolkoma (for Makarov)
4. Arkhivnyy otdel Upravleniya vnutrennikh del Kostromskogo oblispolkoma (for Shepeleva, Lyamina)

(Kostroma Province--Works councils)

(Kostroma Province--Industries)

BOCHKOV, Viktor Nikolayevich; BELOV, M., red.

[The Nevel'skii discovery] Otkrytie Nevel'skogo. Kostroma,  
Kostromskoe knizhnoe izd-vo, 1963. 43 p. (MIRA 17:9)

BELOV, M.A., gornyy inzh.; OGNEV, A.S., gornyy inzh.

Convenient capacity of warehouses holding ore for asbestos-enriching plants. Stroi. mat. 8 no.2:17-18 F '62.

(MIRA 15:3)

(Asbestos—Storage)

SHCHEDRINSKIY, Mikhail Borisovich; VOLEGOV, Aleksandr Vyacheslavovich;  
MYULLER, Eduard Karlovich. Prinimali uchastiye: OGNEV, A.S.,  
inzh.; BELOV, M.A., inzh.; USTINOV, D.V., inzh., retsenzent;  
GORSHKOLEPOV, N.A., otv. red.; ROMANOVA, L.A., red.izd-va;  
SABITOV, A., tekhn. red.; IL'INSKAYA, G.M., tekhn. red.

[Asbestos concentration] Obogashchenie asbestovykh rud. Mo-  
skva, Gosgortekhnizdat, 1962. 233 p. (MIRA 15:7)  
(Asbestos) (Ore dressing)

BELOV, M.A., gornyy inzh.; SONIN, B.A., kand. tekhn. nauk.

Crushing parameters of large-scale blasting in large pits in  
the central Urals. Varyv. delo no.53/10:177-194 '63.

(MIRA 16:8)

(Ural mountains--Blasting)

BELOV, M.A., inzh.

Averaging the quality of asbestos in storehouses of preparation plants. Izv. vys. ucheb. zav.; gor. zhur. 6 no.6:183-188 '63.  
(MIRA 16:8)

1. Institut Vsesoyuznogo nauchno-issledovatel'skogo instituta azbestoobrabatyvayushchey promyshlennosti. Rekomendovana kafedroy otkrytykh gornykh rabot Dnepropetrovskogo gornogo instituta.

(Asbestos)



BELOV, M.A.

Efficiency and methods of averaging the quality of asbestos  
ores. Trudy NIIasbest. no.2:3-29 '62. (MIRA 16:12)

BELOV, M.A.

An efficient output of ore-dressing plants for the treatment  
of asbestos ores. Nauch. trudy VNIIsasbest no.3:41-47 '62.  
(MIRA 16:11)

MEL'NIKOV, N.N.; KUKALENKO, S.S.; VARSHAVSKIY, S.L.; KOFMAN, L.P.;  
BELOV, M.D.

Prospective herbicides. Khim. prom. no.10:39-40 0 '61.  
(MIRA 15:2)  
(Herbicides)

*BELOV, M.F.*

ZHUKOV, I.I.; ~~BELOV, M.F.~~

Use of metal packing cores. Tekst.prom.17 no.1:21-23 Ja '57.  
(MIRA 10:2)

1. Zaveduyushchiy laboratoriyey fabрики imeni S.I.Balashova  
(for Zhukov). 2. Master pryadil'nogo taekha fabрики imeni S.I.  
Balashova (for Belov).  
(Cotton spinning)

BELOV, M.F.

Selecting the most effective draft apparatus in cotton  
manufacture. *Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.1:*  
156-157 '60. (MIRA 13:6)

1. Ivanovskiy tekstil'nyy institut.  
(Cotton spinning)

BELOV, M.F., assistant

Determining the breakage pro length unit in the spinning industry.  
Tekst.prom. 21 no.6:28-31 Je '61. (MIRA 15:2)  
(Spinning)

BELOV, M.F.

Ways of improving the performance of the back draft mechanism  
of spinning machines. Izv.vys.ucheb.zav.;tekh.tekst.prom.  
no.2:67-75 '63. (MIRA 16:6)

1. Ivanovskiy tekstil'nyy institut imeni M.V.Frunze.  
(Spinning machinery)

BELOV, M.F.

Fields of friction forces and the drafting force in a zone of  
drawing with a curved field. Izv. vys. ucheb. zav.; tekhn.  
tekst. prom. no. 6:75-86 '63 (MIRA 17:8)

1. Ivanovskiy tekstil'nyy institut imeni M.V. Frunze.



BELOV, M.F.

Friction of cotton fibers in the clamp of the drawing roll pairs.

Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:48-54 '64.

(MIRA 17:12)

1. Ivanovskiy tekstil'nyy institut im. M.V. Frunze.

BELOV, M.F.

Field of the friction forces in the clamp of a drafting pair.

Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.6:46-53 '64.

(MIRA 18:3)

1. Ivanovskiy tekstil'nyy institut imeni Frunze.

BELOV, M.F., vrach

Treatment of the initial forms of obliterating endarteritis with  
the ganglionic blocking agent arpenal. Trudy KGMI no.10:254-256  
'63. (MIRA 18:1)

1. Iz kafedry gospi'tal'noy terapii (zav. kafedroy - prof. I.B.  
Shulutko) Kalininskogo gosudarstvennogo meditsinskogo instituta.

BELOV, M.G., inzh.

"Rozhok" type bar for testing insulators in a network with a compensated and dead-ground neutral line. Energ. i elektrotekh. prom. no.2:52-53 Ap-Je '64. (MIRA 17:10)

BELOV, M. I., Engineer      Cand Tech Sci

Dissertation: "Hydraulic Calculations of the  
Derivation of Hydroelectric Power Stations."

29/6/50

Moscow Order of Lenin Power Engineering Inst  
inmem V. M. Molotov.

**SO Vecheryaya Moskva**  
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BELOV, M., khudozhnik, zasluzhennyy deyatel' iskusstv Kazakhskoy SSR

Strong impression. Sov.foto 21 no.5:22 My '61. (MIRA 14:5)  
(Kazakhstan—Photography)

BELOV, M.I., kandidat tekhnicheskikh nauk.

Structure and properties of double-loop cotton fabrics. Tekst.  
prom. 16 no.5:25-32 My '56. (MLRA 9:8)  
(Cotton weaving)

BELOV, M.I.

Dial scales with printing devices. Priborostroenie no. 12:24-25  
D '60. (MIRA 14:1)

(Scales (Weighing instruments))



BELOV, M.I., (ed.)

Russkie morekhody v Ledovitom  
i Tikhom okeanakh (Russian navigators in the Arctic  
and Pacific Oceans). Leningrad, Izd-vo Glavsevmorputi, 1952. 386 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 1, April 1953

1. BELOV, M. I.; VSES, IZV
2. USSR (600)
4. Discovery and Exploration - Arctic Regions
7. Did "Andreyev Land" exist?  
Geog. Obshch. 84; No. 5. 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

BELOV, M.I., kandidat istoricheskikh nauk.

Introduction. Geog.sbor. no.3:5-12 '54.  
(Geography--History)

(MLRA 7:11)

BELOV, M.I., kandidat istoricheskikh nauk.

Compilation of a general map of the Second Kamchatka Expedition  
of 1746. Geog.sbor. no.3:131-145 '54. (MLRA 7:11)  
(Arctic regions) (Soviet Far East)

BELOV, M.I., kandidat istoricheskikh nauk.

New materials on the journeys of the Ustyug merchant Nikita Shalaurov. Geog.abor. no.3:160-184 '54. (MLRA 7:11)  
(Arctic regions) (Discoveries (In geography))

BELOV, Mikhail Ivanovich; DIZHUR, I.M., redaktor; TIKHONOVA, Ye.A.,  
tekhnicheskiiy redaktor.

[Semen Doshnev] Semen Doshnev. Moskva, Izd-vo "Morskoi transport".  
1955. 1952 p. (MLRA 8:8)  
(Doshnev, Semen Ivanovich, d. 1673)

~~BELOV, Mikhail Ivanovich; GAKKEL', Ya.Ya., red.; OKLADNIKOVA, A.P., red.;~~  
~~CHEKRENOV, M.B., red.~~

[Arctic voyages from ancient times to the middle of the 19th century] Arkticheskoe moreplavanie s drevneishikh vremen do sere diny XIX veka. Morskoi transport, 1956. 591 p.

(MIRA 12:2)

(Arctic regions--Voyages and travels)

*BELOV, MIKHAIL, IVANOVICH.*

BELOV, Mikhail Ivanovich; GORYANSKIY, Yu.V., red.; KOTLYAKOVA, O.I., tekhn.  
red.

[Northern sea route; on the 40th anniversary of the opening of the  
Soviet Arctic] Severnyi morskoi put'; k 40-letiu osvoeniia  
Sovetskoi Arktiki. Leningrad, Izd-vo "Morskoi transport," 1957.  
120 p. (MIRA 11:4)

(Northeast Passage)



BELOV M.I.

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PHASE I BOOK EXPLOITATION 936

Akademiya nauk SSSR. Komissiya po problemam Severa

Letopis' Severa; Yezhegodnik po voprosam istoricheskoy geografii, istorii geograficheskikh otkrytiy i issledovaniy na Severe. t. II (Chronicles of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North.) v. 2 Moscow, Geografiz, 1957. 279 p. 2,000 copies printed.

Editorial Board: Andreyev, A.I., Belov, M.I., Burkhanov, V.F., Yefimov, A.V. (Resp. Ed.), Chernenko, M.B. (Deputy Resp. Ed.) and Shcherbakov, D.I.; Ed.: Vorontsova, A.I.; Tech. Ed.: Kosheleva, S.M.; Map. Ed.: Mal'chevskiy, G.N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the

Card 1/6

Chronicles of the North (Cont.) 936

Soviet North. A small part of the book is devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and economy of the Soviet North through a historical survey of these factors. A large number of authors, explorers, scientists, travellers, pilots, navigators, etc. are cited. The text is accompanied by numerous photograph and maps.

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News in Brief (Compiled by G.A.Agranat). New Polar and Arctic Institutes. The Canadian Ministry of Polar Affairs. Inhabitants of the American North. Non-stop flight by jet plane via the North Pole. Transarctic air communication. A new pipeline in Alaska. Projected railroad from the USA to Alaska. Geological explorations of the Canadian Arctic Archipelago. Migration of the magnetic pole in the Northern hemisphere. An expedition to Ellesmere Land. Housing on the ice shelf

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HELOV, M.I.

Russian trips to Kamchatka before Atlasov. Izv.Vses.geog.ob-va 89  
no.1:25-35 Ja-F '57. (MIRA 10:3)  
(Kamchatka--Discovery and exploration)

I  
PRIVALOVSKAYA, Genriyetta Alekseyevna; BILLOV, M., red.; TREBUKHOV, N., tekhn.  
red.

[After forty years; changes in the industrial geography of Kostroma  
Province] Za sorok let; izmeneniia v geografii promyshlennosti  
Kostromskoi oblasti. [Kostroma] Kostromskoe knizhnoe izd-vo, 1958.  
46 p. (MIRA 11:8)

(Kostroma Province--Industries)



BELOV, Mikhail Ivanovich, dotsent, kand. tekhn. nauk; KALININ, B.A., retsen-  
zent; YUMIN, N.A., retsenzent; POSTNIKOV, S.A., red.; MAKHUSHINA,  
A.N., red. izd-va; YERMAKOVA, T.T., tekhn. red.

[Organization and technical standardization in stevedoring]  
Organizatsiia truda i tekhnicheskoe normirovanie na peregruzoch-  
nykh rabotakh. Moskva, Izd-vo "Rechnoi transport," 1959. 166 p.  
(MIRA 12:11)

(Dock.)

(Loading and unloading)

BELOV, Mikhail Ivanovich, doktor istor.nauk, starshiy nauchnyy sotrudnik;  
Prinimatsya uchastiye BASHMURINA, N.I., mladshiy nauchnyy sotrudnik.  
GAKKEL', Ya.Ya., prof., doktor geograf.nauk, red.; CHERNENKO, M.B.,  
red.; FRISHMAN, Z.S., red, izd-va; KOTLYAKOVA, O.I., tekhn.red.

[History of the discovery and development of the northern route]  
Istoriia otkrytiia i osvoeniia Severnogo morskogo puti. Leningrad,  
Izd-vo "Morskoi transport." Vol.3. [Soviet arctic navigation]  
Sovetskoe arkticheskoe moreplavanie, 1917-1932 g.g. Pod red. IA.IA.  
Gakkelia i M.B.Chernenko. 1959. 509 p. (MIRA 13:4)

1. Leningrad. Arkticheskii nauchno-issledovatel'skiy institut.
2. Arkticheskii i antarkticheskii nauchno-issledovatel'skiy institut (for Belov).

(Russia, Northern--Discovery and exploration)

BELOV, M.I.

New Russian data on the voyage of the "Vega" around Europe and  
Asia. Izv.Vses.geog.ob-va 92 no.4:308-321 J1-Ag '60.  
(MIRA 13:8)

(Northeast passage)

← BELOV, M.I.

Studies on the history of the Soviet North. Probl. Arkt. i  
Antarkt. no. 4:7-14 '60. (MIRA 13:12)  
(Arctic regions--Russian exploration)

BELOV, M.I., doktor istor, nauk

~~Error or design?~~ Priroda 49 no.11:89-95 H '60. (MIRA 13:11)

1. Arkticheskiy i Antarkticheskiy institut, Leningrad.  
(Piri Reis, d.1554?) (America--Maps)

BELOV, M.I., doktor istoricheskikh nauk

Report map of the First Russian Antarctic Expedition. Inform.  
biul.Sov.antark.eksp. no.31:5-14 '61. (MIRA 15:4)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy  
institut.

(Antarctic regions—Russian exploration)

BELOV, M.I.

Lenin's decree on the comprehensive study of the Arctic. Izv.Vses.  
geog.ob-va 93 no.5:377-383 S-O '61. (MIRA 14:10)  
(Lenin, Vladimir Il'ich, 1870-1924)  
(Arctic regions—Drifting ice stations)

SHCHERBAKOV, D.I., akademik, red.; TIKHOMIROV, G.S., kand. ekonom. nauk, red.; BELOV, M.I., doktor ist. nauk, red.; SUZYUMOV, Ye.M., red.; FEDOSEYEV, I.A., kand. tekhn. nauk, red.; FILIPPOV, M.S., kand. geol.-miner. nauk, red.; PERVAKOV, I.L., red.; CHERNYKH, M.P., mladshiy red.; GOLITSYN, A.V., red. kart; VILENSKAYA, E.N., tekhn. red.

[Soviet expeditions of 1959] Sovetskie ekspeditsii 1959 goda. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 303 p.

(MIRA 15:7)

(Scientific expeditions)



BELOV, M.I.

V.I. Lenin and the problem of the Soviet North. Let. Sev. 3;  
7-14 '62. (MIRA 15:8)

1. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy  
institut Glavnogo upravleniya Severnogo morskogo puti.  
(Arctic regions—Russian exploration)

BELOV, M.I. (Leningrad)

Against false interpretation of Piri Reis maps. Priroda 51  
no.2:84-88 F '62. (MIRA 15:2)

(America--Maps)

BELOV, Mikhail Ivanovich; LAPINA, Z.D., red.; USANOVA, N.B., tekhn.  
red.

[Path across the Arctic Ocean; outline history of the  
discovery and mastering of the North Sea route] Put' che-  
rez Ledovityi okean; ocherki iz istorii otkrytiia i os-  
voeniia Severnogo morskogo puti. Moskva, Izd-vo "Morskoi  
transport," 1963. 236 p. (MIRA 17:3)

BELOV, M.I.

Defense of Dickson Harbor in August 1942. Probl. Arkt. i Antarkt.  
no.13:89-95 '63. (MIRA 16:9)  
(Dickson Island region--Naval battles)

BELOV, M.I.

Is this new information about S.I. Dezhnev's voyage?; in reference to  
B.P. Polevoi's article. Izv. Vses. geog. ob-va 95 no. 5: 443-446  
S-O '63. (MIRA 16:12)

BELOV, M.I., inzh.

Effective use of plastics in the machinery industry. Vest.  
mashinostr. 44 no.12:75-76 D '64.

(MIRA 18:2)

BELOV, M.I., doktor ist. nauk, st. nauchn. sotr. Prinimali uchastie KUZNETSOVA, V.V., nauchn. sotr., inzh.-kartograf; SHPITSBERG, I.P., st. nauchn. sotr.; LARIONOV, A.L.; KOBLENTS, Ya.P., st. nauchn. sotr.; OKSENOVA, Ye.I., red.

[First Russian Antarctic Expedition, 1819-1821 and its resultant navigational chart] Pervaia russkaia antarkticheskaya ekspeditsiia 1819-1821 gg. i ee otchetnaia navigatsionnaya karta. Pod red. M.I.Belova. Leningad, Izd-vo "Morskoi transport," 1863. 164 p. (MIRA 17:4)

1. Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skiy institut. 2. Arkticheskii i antarkticheskii institut, Leningrad (for Belov, Kuznetsova, Koblents).
3. Institut teoreticheskoy astronomii AN SSSR (for Shpitsberg).
4. Tsentral'nyy muzey Voenno-Morskogo Flota SSSR (for Larionov).

ALEKSEYEV, Vladimir Ivanovich; ZARETSKIY, I.S.; TYUKOVIN, I.N.;  
BOGATOV I.P., retsenzent; BELOV, M.I., retsenzent;  
IVANOV, K.A., retsenzent; MEYTEROVICH, M.G., retsenzent;  
ORFANOV, I.K., retsenzent; TITOV, S.M., retsenzent;  
TONYAYEV, V.I., retsenzent

[Moscow-Gorkiy-Moscow; guidebook on the Moscow Canal,  
and the Volga, Oka, and Moscow Rivers] Moskva - Gor'kii -  
Moskva; putevoditel' po kanalu imeni Moskvyy, Volge, Oke i  
Moskve-reke. Moskva, Izd-vo "Transport," 1964. 101 p.  
(MIRA 17:6)



YEFIMOV, A.V.; BELOV, M.I., doktor ist. nauk; MEDUSHEVSKAYA, O.M.,  
kand. ist. nauk;

[Atlas of geographical discoveries in Siberia and north-  
western America in the 17th and 18th centuries] Atlas  
geograficheskikh otkrytii v Sibiri i v Severo-Zapadnoi  
Amerike XVII-XVIII vv. Moskva, Nauka, 1964. 134 p.

(MIRA 17:9)

1. Chlen-korrespondent AN SSSR (for Yefimov).

BELOV, M.I., doktor ist. nauk, red.; OKSENOVA, Ye.I., red.

[Russian Arctic expeditions of the 17th-20th centuries; problems in the history of studying and mastering the Arctic] Russkie arkticheskie ekspeditsii XVII-XX vv.; voprosy istorii izucheniia i osvoeniia Arktiki. Leningrad, Gidrometeoizdat, 1964. 231 p. (MIRA 18:5)

1. Leningrad. Arkticheskiy i antarktiicheskiy nauchno-issledovatel'skiy institut. 2. Arkticheskiy i antarktiicheskiy nauchno-issledovatel'skiy institut, Leningrad (for Belov).

IOGANZEN, B.G.; LAPTEV, I.P.; POSPELOVA, V.M.; SLAVINA, T.P.; ARKHIPOVA,  
N.P.; BELOV, M.I.; BURCHAK-ABRAMOVICH, N.I.

Book reviews. Izv. Vses. geog. ob-va 96 no.6:528-534 N-O '64  
(MIA 18:1)

KORYAKIN, Sergey Fedorovich, kand. ekon. nauk, dots.; LERNISHTSEYN, Iosif L'vovich, kand. ekon. nauk, dots.; Prinimal uchastiye: ELLINSKIY, Yu.F., st. prep.; SHRABSHTEYN, Ye.A., dots., retsenzent; CHERKASOV-TSIBIZOV, A.A., st. prepod., retsenzent; MILYUKOV, M.A., st. prepod., retsenzent; MOZHAROV, N.D., kand. ekon. nauk, retsenzent; MAKAL'SKIY, I.I., kand. ekon. nauk, retsenzent; KREMER, B.A., inzh., retsenzent; PETRUCHIK, V.A., kand. ekon. nauk, red.; GUBERMAN R.L., kand. ekon. nauk, red.; RODIN, Ye.D., kand. ekon. nauk, red.; DUBCHAK, V.Kh., inzh., red.; MARTIROSOV, A.Ye., inzh., red.; PLYUSHKIN, V.A., inzh., red.; BELOV, M.I., doktor geogr. nauk, red.; SINITSYN, M.T., inzh., red.; ROLESNIKOV, V.G., kand. tekhn. nauk, red.; ZAMAKHOVSKIYA, A.G., kand. ekon. nauk, red.; KUZ'MIN, T.P., inzh., red.; NEMCHIKOV, V.I., kand. tekhn. nauk, red.; GEKHTBARG, Ye.A., inzh., red.; FILIPPOV, K.D., red.; KRUGLOVA, Ye.N., red.

[Economics of the merchant marine] Ekonomika morskogo transporta. Izd.2., perer. i dop. Moskva, Transport, 1964.  
527 p. (MIRA 18:1)

BELOV, M.I., doktor ist. nauk, otv. red.

[Voyages and geographical discoveries in the 15th-19th centuries] Puteshestviia i geograficheskie otkrytiia v XV-XIX vv. Moskva, Nauka, 1965. 158 p.

(MIRA 18:4)

1. Geograficheskoye obshchestvo SSSR.

ARASHKEVICH, V.M., dotsent; BELOV, M.N., inzh.

Flotation of oxidized zinc minerals. Izv. vys. ucheb. zav.;  
gor. zhur. 6 no.3:190-196 '63. (MIRA 16:10)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.  
Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh.

ARASHKEVICH, V.M., kand. tekhn. nauk; BELOV, M.N., inzh.

Floatability of oxidized zinc ores dependeng on their mineral phase composition. Izv. vys. ucheb. zav.; gor. zhur. 7 no.10: 179-184 '64. (MIRA 18:1)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrushava. Rekomendovana kafedroy obogashcheniya poleznykh iskopayemykh.

BELOV, M. P.

"Contribution to the Quick Diagnosis of Gas Gangrene" Zhur. Mikrob., Epidemiol.  
i Immunobiol., No.9, 1944

Vaccine and Serum Inst., NKZDRAVA, SSSR



BELOV, M.P.; GLOZMAN, M.K.; GORBUSHIN, A.I.; POLYAKOV, K.K.; ROSHCIN, M.B.;  
STOLYARSKIY, L.L.

Practice of mounting ship sections framed to a given size on shipyard  
slip. Trudy VNITOSS 6 no.2:117-142 '55. (MLRA 10:5)  
(Shipbuilding)

BELOV, M.P.

Scientific conference of the Archangel Institute of Epidemiology,  
Microbiology and Hygiene. Zhur.mikrobiol., epid.i immun. 33  
no.4:161-163 Ap '62. (MIRA 15:10)  
(EPIDEMIOLOGY--CONGRESSES)

SHULYAT'YEV, Vladimir Tikhonovich; EMLOV, M.P., red.; KAYDALOVA, M.D.,  
tekhn.red.

[Machinist Saprykin, a follower of A.Gaganova; a sketch]  
Posledovatel' V.Gaganovoi mashinist Saprykin; ocherk. Khabarovsk,  
Khabarovskoe knizhnoe izd-vo, 1960. 19 p.

(MIRA 14:2)

(Saprykin, Evgenii Gerasimovich)

ACCESSION NR: AT4044992

S/3110/64/000/051/0010/0015

AUTHOR: Belov, N. P. B

TITLE: Development of a method for the ultrapurification of lead acetate solutions

SOURCE: Leningrad. Gosudarstvennyy Institut prikladnoy khimii. Trudy\*, no. 51, 1964. Khimiya i tekhnologiya lyuminoforov (Chemistry and technology of luminophors), 10-15

TOPIC TAGS: lead acetate, lead acetate purification, luminophor preparation, lead selenide luminophor, lead sulfide luminophor, iron adsorption, iron precipitation, o-phenanthroline, dipyrityl

ABSTRACT: In view of the importance of highly purified lead acetate in the preparation of lead selenide and lead sulfide luminophors, the author compared various methods for the removal of Fe, Cu, Co and Ni from lead acetate and developed a satisfactory technique which yielded solutions containing less than 0.001% of these impurities.

ACCESSION NR: AT4044992

gave unsatisfactory degrees of removal of Fe; complexing with dipyrldyl after reduction with hydroxylamine was successful, but the complex could not be extracted with sufficient completeness. The author therefore developed a satisfactory technique involving complexing with o-phenanthroline in sulfuric acid and absorption of the complex on activated charcoal. Elimination of Cu, Co and Ni was accomplished by coprecipitation with PbS, formed in the solution on addition of ammonium sulfide. Orig. art. has: 5 tables.

ASSOCIATION: Gosudarstvennyy Institut prikladnoy khimii, Leningrad (State Institute for Applied Chemistry)

SUBMITTED: 00

ENCL: 00

SUB CODE: 10

NO REF SOV: 007

OTHER: 000

ACCESSION NR: AT4044993

S/3110/64/000/051/0016/0019

AUTHOR: Belov, M. P.

TITLE: Elimination of trace amounts of Fe, Cu, Co and Ni from solutions of lanthanum and cerium nitrate

SOURCE: Leningrad. Gosudarstvennyy Institut prikladnoy khimii. Trudy\*, no. 51, 1964. Khimiya i tekhnologiya lyuminoform (Chemistry and technology of luminophors) 16-19

TOPIC TAGS: rare earth, rare earth purification, lanthanum, cerium, chromatography, absorption column, iron absorption, copper absorption, cobalt absorption, nickel absorption

ABSTRACT: In view of the requirement for pure lanthanum and cerium nitrate for the preparation of luminophors, the author developed and tested a chromatographic method for freeing these solutions from trace amounts of Fe, Cu, Co and Ni. During the tests, Cu was determined colorimetrically by complexing it with diethyldithiocarbamate in isoamyl alcohol, Ni by precipitation with diethylglyoxime at pH 10 in the presence of tartaric acid, Fe by the thiocyanate method, and Co spectroscopically. Purification of a 10%  $\text{La}(\text{NO}_3)_3$  solution (pH 5) containing 0.001% Fe, Co, Ni and Cu by absorption on a column filled with charcoal plus 5,7-dibromo-8-hydro-

Cord 1/2

ACCESSION NR: AT4044993

xyquinoline (5:1) at a flow rate of 40-50 ml/hour resulted in a solution containing only  $5 \times 10^{-5}\%$  Fe,  $5 \times 10^{-6}\%$  Cu,  $1 \times 10^{-5}\%$  Ni and less than  $3 \times 10^{-4}\%$  Co. For reasons outlined in the article, this method is preferable to fractional precipitation of lanthanum hydroxide or lanthanum carbonate, addition of freshly precipitated CdS, or chromatography on columns containing charcoal plus either dimethylglyoxime or  $\alpha$ -nitroso- $\beta$ -naphthalene. Similar results were obtained with a 10%  $\text{Ce}(\text{NO}_3)_3$  solution at pH 5, in which the concentrations of Fe and Cu were reduced from  $1 \times 10^{-3}\%$  to  $1 \times 10^{-5}\%$  and  $5 \times 10^{-6}\%$ , respectively. Orig. art. has: 1 table and 1 figure.

ASSOCIATION: Gosudarstvennyy Institut prikladnoy khimii, Leningrad (State Institute of Applied Chemistry)

SUBMITTED: 00

ENCL: 00

SUB CODE: IC, OP

NO REF SOV: 005

OTHER: 000

Card 2/2

KHLEBNIKOV, Gennadiy Nikolayevich; BELOV, M.P., red.; KAYDALOVA, M.D.,  
tekhn. red.

[Nikolai Shcheglov, crew leader among construction workers] Bri-  
gadir stroitelsi Nikolai Shcheglov. Khabarovsk, Khabarovskoe  
knizhnoe izd-vo, 1958. 28 p. (MIRA 14:9)  
(Construction workers)



BEZRUK, Stepan Sidorovich, Geroy Sotsialisticheskogo Truda, brigadir plotnikov; BELOV, M.P., red.; KAYDALOVA, M.D., tekhn. red.

[The pride of a builder] Gordost' stroitelia. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1959. 18 p. (MIRA 14:9)  
(Carpentry)

SHEYANOV, Aleksey Ivanovich, Geroy Sotsialisticheskogo Truda; BELOV, M.P.,  
red.; KAYDALOVA, M.D., tekhn. red.

[Matter of honor and glory] Delo chesti, delo slavy. Khabarovsk,  
Khabarovskoe knizhnoe izd-vo, 1959. 31 p. (MIRA 14:9)  
(Khabarovsk--Socialist competition)

BELOV, Mikhail Prokopiyeovich; SIMKHO, Kh.S., red.; KAYDALOVA, M.D.,  
tekhn. red.

[Boring machine operator Parfen Repin; sketch about a contemporary]  
Buril'shchik Parfen Repin; ocherk o sovremennike. Khabarovsk, Kha-  
barovskpe knizhnoe izd-vo, 1959. 34 p. (MIRA 14:9)  
(Repin, Parfen Petrovich)

NAYDENOV, Nester Nikonovich; BELOV, M.P., red.

["Builder" has a proud ring] Stroitel' - eto zvuchit gordo.  
Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1963. 14 p.  
(MIRA 17:5)

1. Proizvoditel' rabot pervogo stroyupravleniya tresta  
"Khabarovskstroy" (for Naydenov).

CHUVASHEV, Pavel Dmitriyevich; BELOV, M.P., red.

[Large-panel construction in Khabarovsk] Krupnopanel'-  
noe stroitel'stvo v Khabarovske. Khabarovsk, Khabarovskoe  
knizhnoe izd-vo, 1963. 26 p. (MIRA 17:5)

1. Glavnyy inzhener tresta "Khabarovskahilstroy" (for  
Chuvashov).

BELOV, M.P.

Development of the method for fine purification of lead acetate solutions. [Trudy] GIPKH no.51:10-15 '64.

Removal of Fe, Cu, Co. and Ni traces from lanthan and cerium nitrate solution. Ibid.:16-19 (MIRA 18:5)

GAYEV, Vasilii Grigor'yevich, zhurnalist; KISELEV, Vasilii  
Kharitonovich, inzh.; BELOV, M.P., red.

[Prospects for developing the chemical industry in the  
Khabarovsk Economic Region] Perspektivy razvitiia khi-  
micheskoi promyshlennosti v Khabarovskom ekonomicheskom  
raione. Khabarovsk, Khabarovskoe knizhnoe izd-vo,  
1964. 28 p. (MIRA 17:10)

1. Nachal'nik gornorudnoy i khimicheskoy promyshlennosti  
Khabarovskogo sovnarkhoza (for Kiselev).

L 11296-65

ENP(a)/ENT(m)/EPF(m)-2/EPR/ENP(b)

PO-L/Pu-L

JD/21/AT/MT

ACCESSION NR: AP4043760

S/0080/64/037/008/1658/1665

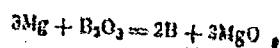
AUTHOR: Markovskiy, L. Ya.; Belov, M. P.

TITLE: Chemical reactions in the reduction of boron oxide with magnesium <sup>(P)</sup>

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 8, 1964, 1658-1665

TOPIC TAGS: boron extraction, boron oxide reduction, boron sesquioxide reduction, magnesium boron oxide reaction, magnesium boron trioxide reduction, magnesium boron sesquioxide reduction

ABSTRACT: Reactions occurring in the reduction of  $B_2O_3$  with magnesium have been studied and the reaction products analyzed. Experiments were conducted in purified argon using powdered 98.3% pure magnesium with 1.5% oxygen and 98.7% pure boron oxide. These experiments showed that the principal reaction in the reduction of boron oxide with magnesium is:



which is accompanied, however, by side reactions. With a  $B_2O_3$  excess

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L 11296-65

ACCESSION NR: AP4043760

2  
In the charge, magnesium borates are formed. With an Mg excess,  $MgB_2$  is formed. In addition to a substantial quantity of  $MgB_{12}$  compounds of boron suboxide are formed with all ratios of the components. The reaction is exothermic and results in an extensive evaporation of magnesium, while the evaporation of boron oxide is insignificant. The rate of magnesium evaporation depends upon conditions such as the quantity of the initial mixture, the shape and size of the reaction chamber, and the heating and cooling rates. The highest yield of boron is obtained with a certain excess of magnesium. This can be explained by the evaporation of a portion of the magnesium and by the formation of magnesium borides. Any further increase in the magnesium content lowers the yield of usable boron (insoluble in hydrochloric acid) because the resulting  $MgB_2$  boride is readily soluble in acid. Orig. art. has: 6 figures and 2 tables. ✓

ASSOCIATION: Gosudarstvennyy institut prikladnoy khimii (State Institute of Applied Chemistry)

SUBMITTED: 31Jul63

ATD PRESS: 3104

ENCL: 00

SUB CODE: MM, GC

NO REF SOV: 012

OTHER: 009

Card 2/2

L 36705-65 EPF(c)/EPR/ENG(j)/ENT(m)/EWP(b)/EWP(e)/EWP(t) Pr-4/Ps-4 IJP(c)  
JD

ACCESSION NR: AP5003116

S/0080/65/038/001/0017/0022

AUTHOR: Belov, M. P.; Markovskiy, L. Ya.

25  
B

TITLE: Magnesium-thermic method of determining oxygen impurities in elemental boron ✓

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 1, 1965, 17-22 27

TOPIC TAGS: oxygen determination, magnesium, thermic reaction, boron analysis, boron purity

ABSTRACT: Optimum conditions were determined for the determination of oxygen in elemental boron by calcining the sample to be analysed with metallic magnesium in an inert atmosphere. Powdered Mg was mixed with the B in at least a 1:1 wt. ratio (less Mg increased the error in the analysis), the mixture was calcined under argon at 1120-1130C for 10 minutes, the temperature was reduced to 900C and the Mg was vacuum distilled for 1 hour. Argon was added, the system was cooled to room temperature and the MgO was extracted with 0.5N HCl for 0.5 hours. Oxygen content in the boron was calculated from the amount of

Card 1/2

L 36705-65

ACCESSION NR: AP5003116

Mg in the extraction filtrate. This relatively simple method for oxygen determination has a sensitivity of 0.01% (using Trilon B indicator) and an accuracy of 8-10%. Orig. art. has: 4 tables and 2 figures

ASSOCIATION: None

SUBMITTED: 31Jan64

ENCL.: 00

SUB CODE: GC

NR REF SOV: 006

OTHER: 006

Card 2/2 MO

SHALIMOV, Mikhail Nikitich; BELOV, M.P., red.

[Aleksai Brezhnev, a bulldozer operator] Aleksai Brezhnev,  
bul'dozerist. Khabarovsk, Khabarovskoe knizhnoe izd-vo,  
1963. 11 p. (MIRA 18:3)

ANDRIANOV, Mikhail Timofeyevich, inzh.; BELOV, M.P., red.

[Small mixed brigades at lumbering camps; from the practices of logging camps in the Khabarovsk Economic Region] Malye kompleksnye brigady na lesozagotovkakh; iz opyta lespromkhozov Khabarovskogo ekonomicheskogo raiona. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1964. 28 p. (MIRA 18:3)

BELIKOV, V.K.; BELOV, M.S.

Experience in organizing practical work in agriculture.  
Politekh.obuch. no.6:44-54 Je '57. (MIRA 12:4)

1. Skhodnenskaya srednyaya shkola No.2, Khimkinskogo rayona  
Moskovskoy oblasti.  
(Agriculture--Study and teaching) (Field work (Educational method))

SOV/128-59-10-4/24

18(5,7)

AUTHORS:

Belov, M.V., and Kazennov, S.A., Engineers

TITLE:

Experiences in Pressure Casting of Steel

PERIODICAL:

Liteynoye proizvodstvo, 1959, Nr 10, pp 12-17 (USSR)

ABSTRACT:

The authors present a report on problems in pressure casting of steel. The higher melting temperature and several physical qualities of steel cause some additional demands for the construction of steel castings, when one compares it with non-ferrous metals. The process of steel pressure casting can be profitable, only if the material of the press-form is very stable and its production is economical enough. Until now the industry has not been able to produce a material which accomplishes these demands. A new way to do the casting has to be found. Another problem is the choice of steel. Not all types of steel are suitable for pressure casting. Steel tends to fracture more easily than non-ferrous metals. Experience has shown that steels with 0.2% C show fractures during pressure casting very easily. The most suitable steels for pressure casting are carbon steels with less than 0.15% carbon. Fig.1 shows a press form for steel pressure casting. It consists of two

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SOV/128-59-10-4/24

**Experiences in Pressure Casting of Steel**

change bushings (1 and 2) and a system of knockout die. The filling temperature of the steel should be 1,600-1,620°C, while the press-form should have a temperature of 100-150°C. Another important factor is the ventilation of the form cavity during the filling time to avoid blowholes. Steel in a melted state changes its chemical qualities very fast; therefore, a method of step by step melting is advisable. In certain cases, the process of pressure casting has to be conducted in vacuum (Ref.1). Different materials for press-form were tested, low carbon and alloyed steels, copper and alloys on a copper basis. The tests have shown that those steels which are usually taken for these purposes, type 3Kh13, 3Kh2V8 and 5KhNM, are completely unsuitable. Metals and alloys with high plastic qualities are more stable than low carbon steels (type 10) or copper and its alloys. At present, the search for materials for press-form is the most urgent problem for the pressure casting of steel. There are 4 photographs, 5 diagrams, 4 graphs, 2 tables and 3 Soviet references.

Card 2/2



BELOV, M.V., ingh.

Manufacture of air coolers for compressor units. Energomashino-  
stroenie 5 no.1:33-35 Ja '59. (MIRA 12:2)  
(Air compressors)

S/114/61/000/001/007/009  
E194/E355

AUTHOR: Belov, M.V., Engineer

TITLE: The Production of Air Heaters

PERIODICAL: Energomashinostroyeniye, 1961, No. 1, p. 35

TEXT: A new type of air heater for gas turbines has been manufactured at the NZL (Neva Works imeni Lenin). General views of the air heaters are given. Each heater section consists of two side frames and two welded covers, the whole being mounted on rollers. The heat-exchange bundle is mounted between the side frames. The bundle is made of corrugated sheets welded together and forming the gas and air ducts which are kept separate from one another. It is the use of corrugated sheets as heating surfaces that distinguishes this air heater from other designs. The corrugated sheets are made up of rolled steel 1X18H9T (1Kh18N9T), 1 mm thick, of 894 x 1524 mm. The

✓

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S/114/61/000/001/007/009  
E194/E355

The Production of Air Heaters

corrugations are made on a 4 000 ton press. The method of welding and assembling the sheets is briefly described. There are 3 figures.

Card 2/2

AKHUNDOV, Yu.A.; MAMEDOV, Kh.S.; BELOV, M.V., akademik

Crystalline structure of brandisite. Dokl. AN SSSR 137 no.1:167-  
170 Mr-Apr '61. (MIRA 14:2)

1. Institut khimii Akademii nauk AzerSSR.  
(Kedabek District—Seybertite)

BELOV, M.V., kand.filosof.nauk

All-Union Conference on Sociological Research. Vest. AN SSSR  
33 no.9:95-96 S '63. (MIRA 16:9)  
(Sociology)

BELOV, N., inzh.

Ways to improve the technology of making screw propellers. Rech.  
transp. 19 no.5:29-30 My '60. (MIRA 13:7)  
(Propellers)

BELOV, N.

Short-range prognosis of pressure fields by the use of the "Pogoda"  
electronic calculating machine. Trudy TSIP no.86:3-41 '59.  
(MIRA 12:9)

(Atmospheric pressure)

BELOV, N.

Diurnal pressure variations at different altitudes. Trudy TSIP  
no.86:63-70 '59. (MIRA 12:9)  
(Atmospheric pressure)



BELOV, N., inzhener.

Better utilization of mining techniques. Mast.ugl.3 no.10:9-10  
0 '54. (MLRA 7:12)

(Coal mines and mining)

BELOV, N., inzh.

Over-all mechanization in the manufacture of screw-propellers.  
Rech. transp. 19 no.12:15-16 D '60. (MIRA 13:12)  
(Propellers) (Foundries--Equipment and supplies)

BELOV, N.

Ways of expanding the ship repair base of the Ministry of the River Fleet.  
Rech. transp. 22 no. 7:21-22 J1 63. (MIRA 16:9)

1. Nachal'nik otдела Tsentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta.  
(Inland water transportation)  
(Ships—Maintenance and repair)

BELOV, N., kand. tekhn. nauk

Organizing ship-repairing centers for the river fleet. Rech.  
transp. 24 no. 10:19-20 '65. (MIRA 18:12)