

### Russian currency and finance: a currency board approach to reform

Hanke, Steve H.; Jonung, Lars; Schuler, Kurt

1993

Document Version: Publisher's PDF, also known as Version of record

Link to publication

Citation for published version (APA): Hanke, S. H., Jonung, L., & Schuler, K. (1993). Russian currency and finance: a currency board approach to reform. (1. utg. ed.) Routledge.

Total number of authors:

General rights

Unless other specific re-use rights are stated the following general rights apply:

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

• Users may download and print one copy of any publication from the public portal for the purpose of private study

- You may not further distribute the material or use it for any profit-making activity or commercial gain
   You may freely distribute the URL identifying the publication in the public portal

Read more about Creative commons licenses: https://creativecommons.org/licenses/

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

# RUSSIAN CURRENCY AND FINANCE

A currency board approach to reform

Steve H. Hanke, Lars Jonung, and Kurt Schuler



First published 1993 by Routledge 11 New Fetter Lane, London EC4P 4EE

Simultaneously published in the USA and Canada by Routledge 29 West 35th Street, New York, NY 10001

© 1993 Steve H. Hanke, Lars Jonung and Kurt Schuler

Typeset in Garamond by Intype, London

Printed and bound in Great Britain by T.J. Press (Padstow) Ltd., Padstow, Cornwall

All rights reserved. No part of this book may be reprinted or reproduced or utilized in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without permission in writing from the publishers.

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

#### ISBN 0-415-09651-0

Library of Congress Cataloging in Publication Data

Hanke, Steve H.

Russian currency and finance: a currency board approach to reform / Steve H. Hanke, Lars Jonung, and Kurt Schuler.

p. cm. Includes bibliographical references and index. ISBN 0-415-09651-0

1. Money--Russia (Federation) 2. Currency question--Russia (Federation) 3. Economic stabilization--Russia (Federation)

Ì. Jonung, Lars. II. Schuler, Kurt. III. Title.HG1080.2.H34 1993

332.4′947--dc20

93–4355 CIP

## CONTENTS

	About the authors	ix
	List of figures	xi
	List of tables	xiii
	Preface	XV
1	THE CASE FOR A CURRENCY BOARD IN RUSSIA	1
	Extreme inflation and monetary reform	1
	Currency board versus central bank	4
	A currency board as the key to economic reform in Russia	11
	Outline of the remainder of this book	19
2	THE CASE AGAINST THE CENTRAL BANK OF RUSSIA	21
	The functions of money, and how well the rouble performs them	21
	Stability and credibility	23
	Credibility and exchange rates	25
	Convertibility and foreign-exchange controls	30
	Central banking and deficit finance	35
	Political independence: an unattainable goal	36
	Inadequate staff	37
	Flexibility: a problem even in theory	· 37
	The experience of Yugoslavia	40
3	CENTRAL BANKING AND THE RUSSIAN MONETARY	
	SYSTEM	42
	The history of central banking in Russia	42
	The government budget and extreme inflation	46
	Enterprise arrears	50
	Commercial banking	52
	The payments system	55
	Interrepublican exchange	56
	Foreign exchange; foreign debt	59
	Russia and the IMF	60

### CONTENTS

4	CURRENCY BOARDS, CENTRAL BANKS, AND THE MONEY SUPPLY PROCESS The money supply process in a currency board system The money supply process in a central banking system Central banks that mimic currency boards A brief history and assessment of currency boards	63 63 69 72 80
5	HOW TO ESTABLISH A CURRENCY BOARD IN RUSSIA How to convert the Central Bank of Russia into a currency board The alternative: a parallel currency approach How to establish the currency board as the issuer of a parallel currency How to calculate the initial foreign reserves for the currency board How to obtain the initial foreign reserves for the currency board How to choose a reserve currency for the currency board	84 84 87 91 94 97 100
6	HOW TO OPERATE AND PROTECT A CURRENCY BOARD IN RUSSIA How to operate the currency board How to protect the currency board How to change the reserve currency, if necessary	103 103 109 113
7	THE CURRENCY BOARD AND REFORM OF THE RUSSIAN MONETARY SYSTEM The government budget Enterprise arrears and enterprise restructuring Competition and regulation in commercial banking Restructuring of bankrupt commercial banks Interest rates The payments system Interrepublican exchange; foreign exchange Foreign debt Wages and prices A stabilization crisis? Indexation	115 116 118 120 123 124 125 127 128 128 130 131
8	OBJECTIONS TO A CURRENCY BOARD IN RUSSIA No lender of last resort Is Russia too large for a currency board? Fixed versus floating exchange rates Deflation The inflation tax The cost of reserves Colonialism Is Russia a quagmire?	132 133 135 136 138 139 139 141 142

### CONTENTS

	Miscellaneous questions Other alternatives to central banking	142 143
9	TWO SUCCESSFUL RUSSIAN MONETARY REFORMS The North Russian currency board, 1918–20 The chervonets, 1922–6 A comparison of the reforms	146 146 150 154
10	CONCLUSION Summary of proposals	156 158
APPENDIX A. A MODEL CONSTITUTION FOR A CURRENCY BOARD IN RUSSIA		160
APPENDIX B. MORE ABOUT THE MONEY SUPPLY Process in a currency board system		163
ΑF	PPENDIX C. A LIST OF CURRENCY BOARD EPISODES	172
Bil	otes bliography dex	181 192 210

## ABOUT THE AUTHORS

Steve H. Hanke is Professor of Applied Economics at The Johns Hopkins University in Baltimore, chairman of MERiT Group, Inc. in Baltimore, and vice president of FMCI Financial Corporation in Toronto. He was a senior economist on President Reagan's Council of Economic Advisors from 1981 to 1982. He served as personal economic advisor to Zivko Pregl, the deputy prime minister of the Socialist Federal Republic of Yugoslavia, from 1990 until Mr Pregl resigned on 30 June 1991. He is the editor (with

Alan A. Walters) of Capital Markets and Development (1991).

Lars Jonung is Professor of Economics and Economic Policy at the Stockholm School of Economics, and chief economic advisor to the prime minister of Sweden. Monetary economics, Swedish macroeconomic policy, and inflationary expectations are his main fields of research. His writings include The Long Run Behavior of the Velocity of Money (with Michael D. Bordo, 1987), The Political Economy of Price Controls: The Swedish Experience 1970–1987 (1990), and, as editor, The Stockholm School of Economics Revisited (1991) and Swedish Economic Thought: Explorations and Advances (1993). He recently finished a study of Swedish central bank policy from 1945 to 1990. He has also served as economic advisor to the Skandinaviska Enskilda Banken and as editor of the Skandinaviska Enskilda Banken Quarterly Review.

Kurt Schuler is a postdoctoral fellow at The Johns Hopkins University in Baltimore. As a Summer Fellow at G.T. Management (Asia) Ltd in Hong Kong in 1989, he worked with John Greenwood, who guided the

return of Hong Kong to the currency board system in 1983.

## **PREFACE**

This book offers a strategy for ending extreme inflation in Russia and providing Russia with a stable, credible, fully convertible domestic currency. It proposes to reform the Russian monetary system by means of a currency board. A currency board is a monetary institution that issues notes and coins fully backed by a foreign 'reserve' currency and fully convertible into the reserve currency at a fixed exchange rate on demand.

The most likely reserve currency is the US dollar. A currency board rouble issued according to our proposal will be as stable and credible as the dollar. The currency board will thereby end extreme inflation in Russia. It will also reverse the now widespread unofficial dollarization of the Russian economy, in which dollars are preferred to roubles and many goods cannot easily be purchased with roubles. Unlike use of dollar notes, use of currency board rouble notes and coins will earn seigniorage (a profit from issue) for the Russian government.

In our proposal, the Central Bank of Russia will be converted into a currency board or the currency board will issue a distinct currency parallel to that of the Central Bank. In the parallel currency approach, the Central Bank rouble and the currency board rouble will circulate at exchange rates determined by market conditions. Russians will have an unrestricted choice of using the Central Bank rouble or the currency board rouble. Competition will induce the Central Bank of Russia to reform; if it does not do so it will tend to wither away as an issuer of currency, as Russians use the currency board rouble exclusively.

Establishing a currency board to replace or compete with the Central Bank of Russia is a drastic step. It is justified, however, by the unsatisfactory performance of the Central Bank of Russia. The Central Bank has created the current inflation; its predecessors in Russian and Soviet history have had unsatisfactory records also. Attempts to stabilize the rouble by reforming the Central Bank of Russia have little immediate chance of success, because the current monetary policy of the Central Bank is subject to strong and successful political pressure for inflation. The currency board system, in contrast, has in the past successfully provided stable currencies

#### **PREFACE**

in Russia and elsewhere, and continues to provide stable currencies where it exists today. The currency board system protects monetary policy from political pressure. The domestic currency can then become a means for economic prosperity rather than a tool of political manipulation.

Our earlier book Monetary Reform for a Free Estonia: A Currency Board Solution (Hanke et al. 1992b; published in Estonian as Hanke et al. 1992a) explained how a small, newly independent country with no central bank could establish a currency board to provide a stable currency. The book originated from Lars Jonung's involvement in Estonian discussions in 1991 about the future of the Estonian monetary system, and the independent work of Steve Hanke and Kurt Schuler in proposing the currency board system in other East European countries. The Estonian monetary reform of June 1992 had some of the features we advocated in our earlier book, but it did not establish a currency board system (see chapter 4).

This book explains how a large country that already has a central bank can establish a currency board. It is more than three times as long as our earlier book. It adapts the approach of our earlier book to address Russia's status as the core of the former Soviet Union, and the persistence of Soviet monetary institutions in a new guise, which was less of a problem in Estonia. We have tried to be understandable to both Russian and Western readers. Our explanations of some topics may seem elementary to some readers, but we think that almost all readers will find much that is new to them in this book. Readers who desire more detailed explanations of some technical points are advised that we are writing another book (Hanke and Schuler forthcoming) on the history and theory of the currency board system.<sup>1</sup>

We finished writing this book in April 1993, although we were able to update some passages just before the book went to press. Russian politics and the Russian economy are changing quickly, and some details of our description of current monetary conditions in Russia may already be outdated when the book is published. Even so, the basic problem of the Russian monetary system – the susceptibility of monetary policy to political pressure – has existed for decades and will persist for many years, unless a reform such as we propose is adopted.

We thank the following people for commenting on the manuscript of this book or for discussing currency boards and the Russian monetary system with us: Michael D. Bordo, S. O. Johansson, Axel Leijonhufvud, Kent Osband, Anna J. Schwartz, Ingemar Ståhl, Joakim Stymne, and Alan A. Walters. Kurt Schuler thanks the Earhart Foundation for a grant to support his work on this book.

Steve H. Hanke Lars Jonung Kurt Schuler April 1993

## 10

## CONCLUSION

Central banking in its current form in Russia has resulted in an unsound currency, extreme inflation, and economic decline. The Central Bank of Russia has no definite plan for providing a sound currency. Even if reformed, the Central Bank of Russia is unlikely to provide Russia with a sound currency soon. Therefore, we recommend that Russia establish a currency board. The currency board can be established by the Russian government alone, or in collaboration with the IMF if the IMF provides some of the initial foreign reserves. The currency board system, as used in Hong Kong and elsewhere, is a well-proven means of providing a stable, credible, fully convertible currency, and of encouraging rapid economic growth.

A currency board has many advantages for Russia today. It can be established quickly, it will be simple to operate, it will be a credible monetary authority that will issue a stable, fully convertible currency, and it will tend to encourage international trade and investment in Russia. A currency board has advantages for the West as well: it will ensure that the IMF stabilization fund is used to provide a sound currency rather than to earn profits for currency speculators, and it will create an institution that will enable subsequent foreign investment to be most beneficial for the Russian economy. A currency board will solidify the emerging market economy in Russia. Without a currency board, the rapid macroeconomic stabilization and microeconomic restructuring necessary to encourage economic growth may be delayed, and Russia will probably for a long time remain a poor country dependent on foreign aid to maintain even the current low standards of living for its people.

This book has proposed two ways to establish the Russian currency board: by converting the Central Bank of Russia into a currency board, or by establishing the currency board as the issuer of a parallel currency. The conversion approach tends to impose hard budget constraints immediately. The parallel currency approach allows a brief transition period during which budget constraints harden and during which the Russian government can continue to collect some revenue from inflation in the Central Bank

#### CONCLUSION

rouble. At the same time, the existence of the parallel currency board rouble will enable much of the Russian economy to protect itself from extreme inflation.

The proposal for monetary reform in Russia made in this book is detailed and requires the Russian government to take action on many points. The most important elements of the proposal are that the currency board be established, and that the currency board be protected from political pressure to convert it into a central bank. Appropriate safeguards to protect

the currency board can be devised (see chapter 6).

The hard budget constraints that the Russian currency board will tend to impose will create momentum for further reforms of government finance, state commercial banks, and state enterprises. The currency board will best promote economic growth if all the reforms proposed in this book are achieved quickly; however, the proposal is robust enough to survive and help the Russian economy even if political pressure temporarily delays elements of reform other than the currency board itself. The currency board will tend to force other monetary and economic reforms to occur rapidly because it will tend to eliminate the soft budget constraints that perpetuate the current monetary system.

Monetary reform is now the most important step for establishing a market economy that will generate growth and progress for Russia, and a currency board is the most promising means of achieving a durable, bene-

ficial monetary reform.