



Russia's Railway Troops: The Backbone Sustaining Russian Military Force Posture

Emily Ferris

Abstract

This paper uses current and historical Russian and English-language sources to examine the military importance of Russia's railway network and the specialised unit of military engineers that service them. The Railway Troops (zheleznodorozhniye voiska - ZhV) have played a supporting role in most of Russia's major conflicts over the past century and have grown in size and importance since Russia's annexation of Crimea in 2014. The ZhV's prominent roles in Russia's wars in Chechnya, and ability to lay the groundwork for Russia's invasion of Ukraine indicate the enduring importance of rail in for Russia's ability to mobilize troops and sustain war theatre operations. The ZhV are illustrative of the way in which Russian modes of warfare adjust and attempt to improve, as changes to their structure and operations have significant impact on the Russian army's ability to move troops and hardware across the country at pace.

CNA's Occasional Paper series is published by CNA, but the opinions expressed are those of the author(s) and do not necessarily reflect the views of CNA. The views, opinions, and findings contained in this report should not be construed as representing the official position of the Department of the Navy.

DISTRIBUTION STATEMENT A. Approved for public release: distribution unlimited.

Administrative or Operational Use

4/17/2023

This work was created in the performance of Federal Government Contract Number N00014-22-D-7001.

Cover image: Russian Ministry of Defense.

This document may contain materials protected by the Fair Use guidelines of Section 107 of the Copyright Act, for research purposes only. Any such content is copyrighted and not owned by CNA. All rights and credits go directly to content's rightful owner.

Approved by: April 2023

M Kapun

Michael Kofman, Research Program Director

Russia Studies Program

Strategy, Policy, Plans and Programs Division

Contents

Russia's Railway Troops: The Backbone Sustaining Russian Military Fo	rce Posture1
Introduction	
Russia's Rail Network	
The Railway Troops Explained	3
The ZhV and the <i>Tyl</i>	
The ZhV's Evolving Use in Military Exercises	6
The ZhV in Conflict	8
Chechnya and the North Caucasus	9
Ukraine War	
Conclusion	