
# Lessons from Russia's Operations in Crimea and Eastern Ukraine

Michael Kofman, Katya Migacheva, Brian Nichiporuk,
Andrew Radin, Olesya Tkacheva, Jenny Oberholtzer

For more information on this publication, visit www.rand.org/t/RR1498

**Library of Congress Cataloging-in-Publication Data** is available for this publication.
ISBN: 978-0-8330-9606-7

Published by the RAND Corporation, Santa Monica, Calif.

# Preface

This report is the third in a series about the impact and implications of the Ukraine crisis on European security. This report examines covert and conventional operations in Crimea in February and March 2014, as well as the origins of the conflict in Eastern Ukraine, its phases of escalation, and the series of events that led to the outbreak of limited conventional war between Russia and Ukraine in summer 2014. These operations offerimportant insights into Russian approaches and objectives in the conflict.

This report should be of interest to those concerned with Russia's annexation of Crimea and the ongoing conflict in Eastern Ukraine. Research for this project was conducted from May 2015 to October 2015.

This research was sponsored by the Army Quadrennial Defense Review (QDR) Office in the Office of the Deputy Chief of Staff, G-8, Headquarters, Department of the Army, and was conducted within RAND Arroyo Center's Strategy, Doctrine, and Resources Program. RAND Arroyo Center, part of the RAND Corporation, is a federally funded research and development center sponsored by the United States Army.

The Project Unique Identification Code (PUIC) for the project that produced this document is HQD146843.

# Contents

# Figures and Table

## Figures



## Table

# Summary

Russia sought to regain its influence over Ukraine and retake ownership of Crimea after the ouster of Ukrainian President Viktor Yanukovych by pro-Western forces. This report examines the two overlapping operations to understand the Russian campaign in Ukraine in early 2014. Events unfolded rapidly after the February 22, 2014, ouster of Yanukovych, as Russia executed a covert operation using both its naval infantry forces already in place and special forces lifted to Crimea. Russia disguised troop movements with a snap exercise, which also deployed a distraction force near Ukrainian borders. Leveraging mobility, speed of action, surprise, and the capability to command forces securely at the small-unit level, Russian troops quickly seized control of the peninsula.

The circumstances of the Crimean annexation presented Russia with substantial advantages, which have only partial analogues elsewhere in former Soviet republics. These factors included the confined geography of the peninsula, its proximity to Russia, and its existence as a separate political unit within Ukraine. Russia not only had forces in place at its Black Sea Fleet, but legitimate transit arrangements that could be leveraged for a covert operation and the introduction of key military capabilities. The invading force benefited from such practical advantages, as well as from the historical legitimacy of Russian military presence in the peninsula and a commonality of language and culture, along with other social ties.

The Russian information campaign accompanying its military movements was no more than a minor contributor to what proved to

be a conventional takeover. This effort was principally a by-product of the general information campaign to convince the Russian domestic audience that Ukraine's interim government was the result of an illegitimate coup. Moscow capitalized on several political errors of the Ukrainian government. In particular, it leveraged the Ukrainian Parliament (*Rada*) vote repealing the official status of the Russian language to argue that the ethnic Russian population in Crimea and Eastern Ukraine was in imminent danger. The combination of Ukrainian government errors and facilitating circumstances enabled a rapid and well-coordinated deployment of Russian forces.

The Crimean experience is not easily generalized for future scenarios. Moscow deployed elite and special components of its force that are not representative of overall capabilities. Additionally, Ukraine's overall superior forces on the peninsula offered no resistance. It is also difficult to gauge the effectiveness, if any, of the information campaign. Russia appeared unprepared to manage the political dimensions of the annexation, and its information campaign in the aftermath of the seizure of the peninsula consisted of a series of loosely connected messages rather than a carefully considered narrative. This suggests that the decision to annex Crimea was not made well in advance. However, operations in Crimea did involve a preplanned covert action, which enabled a conventional invasion. The effort owed its success as much to the operating environment and structural factors—including the politically unstable situation in Ukraine—as to the Russian military's execution.

Russia's operations in Eastern Ukraine were based on a decidedly different approach and not intended to replicate the seizure of Crimea. Immediately following Yanukovych's ouster, Russia fostered an anti-government movement in the eastern regions of Donetsk and Luhansk, along with several major cities in other regions. Rather than introducing special operations forces to enable a conventional invasion, Moscow launched a political-warfare campaign to subvert the authority of the interim government. The objective was to first destabilize the situation and, if possible, convince the new Ukrainian authorities to accept a federalization scheme that would reduce their power nationwide and allow Russia to have substantial influence over individual regions.

A coterie of well-known local political agitators, businessmen, and members of fringe political organizations with a Russian imperialist bend led the initial effort. Moscow sought to foster this movement in Ukraine through oligarchic connections and intertwined circles of powerful regional business interests, combined with local criminal elements. The tactics appeared to be improvised, employing a diversity of individuals with little in common other than their opposition to Ukraine's new government. Russia fostered this subversion with a supporting cast of intelligence operatives, its own citizens, an informal network of fighters from the post-Soviet space, and local security forces who turned against Ukraine's government.

When Ukrainian authorities responded by arresting the protest movement leaders, the effort switched to direct action, spawning an externally supported separatist insurgency. The conflict quickly escalated, arguably beyond Moscow's ability to control events, in April 2014, as ideologically minded Russian paramilitaries switched to using force in pursuit of a separatist agenda. Within a few months, the confrontation went from a protest movement to irregular warfare and the steady introduction of conventional capabilities by Russia as part of a steady vertical escalation of the war. Oligarchs and other nonstate actors helped shape the course of conflict, both facilitating and defending against the Russian effort to destabilize Ukraine. Ultimately, Russia was unable to gain the leverage necessary to force Ukraine's leaders into major political concessions without resorting to a conventional invasion with regular units, which took place in late August 2014.

Russia's efforts in Eastern Ukraine proved to be a series of improvisations in response to resistance and friction when the initial political-warfare effort foundered. A mix of actors with their own agendas and sponsors reduced the operational cost and political consequences for Moscow but at the price of control, coherency, and effectiveness. The lessons of Eastern Ukraine are rather mixed, demonstrating the limits of low-cost asymmetrical approaches even against a relatively weak and vulnerable state. In the end, Russian leaders are likely to consider Crimea an operation that could not be easily repeated elsewhere and Eastern Ukraine to be a strategic success but an unsuccessful opera-

tion. Russia achieved its primary objectives but at a much higher cost than desired and through a fitful cycle of adaptation.

# Acknowledgments

The authors would like to thank Timothy Muchmore for initiating and supporting this project. We also thank Bryan Frederick, Nikolas K. Gvosdev, and Stephen Watts for their helpful comments. A number ofother peoplealsohelped makethisstudypossible, including Olga Oliker, James Dobbins, and Stephanie Pezard. Our thanks go to Andriy Bega, Scott Boston, Roger McDermott, and Gerard Toal, whose insights and comments were greatly helpful, and to Clifford Grammich, Thomas Browne, Stephanie Lonsinger, Linda Theung, and Natalie Ziegler for providing editorial support. Any errors are solely our responsibility.

## Abbreviations

| | |
|---|---|
| APC | armored personnel carrier |
| DDoS | distributed denial of service |
| DNR | Donetsk People's Republic |
| EU | European Union |
| FSB | Federal Security Service (Russia) |
| GRU | Russian military intelligence |
| KSO | Special Operations Command (Russia) |
| MVD | Ministry of Internal Affairs of the Russian Federation |
| NATO | North Atlantic Treaty Organization |
| PSPU | Progressive Socialist Party of Ukraine |
| SBU | *Sluzhba Bezpeky Ukrayiny* (Ukrainian intelligence services) |
| SVR | *Sluzhba Vneshney Razvedki* (Russian Foreign Intelligence Service) |
| VDV | *Vozdushno-Desantnye Voyska* (Russian Federation Airborne Forces) |

CHAPTER ONE

# Introduction

In fall 2013, a series of popular protests erupted in Kyiv's central square, the Maidan, in response to the Ukrainian president's decision not to sign the Association Agreement with the European Union (EU) under its Eastern Partnership program. Eventually this protest movement, and the government response, turned violent, resulting in the ousting of then–Ukrainian President Viktor Yanukovych. A pro-Western coalition of political forces took control in the capital, organizing an interim government, while many of the ruling elites fled the country to Russia. The consequence was a sudden loss of influence for Russia in one of its most important neighbors, one that its leadership likely viewed as a major geopolitical defeat for Moscow.

Rather than wait for the political situation in Ukraine to stabilize, Russian leaders sought to re-exert Moscow's influence over Ukraine and retain the ability to control the country's strategic orientation. The Russian response took shape in the form of two separate and concurrent military operations. First, Moscow chose to invade and annex Crimea in late February through early March 2014. At the same time, Russia fomented a political protest movement that quickly transformed into a violent insurgency in Eastern Ukraine between February and May of that year.

Today, more questions than answers remain about what happened and what lessons should be drawn from Russian actions: Was Russia successful? If so, what did it seek to accomplish? Is it possible to infer military and political objectives from the operations? Are these reproducible events — a possible model of operations — or were the cir-

cumstances and conditions unique? Would Russian leadership consider them to be successful? What can we glean for the potential desire of Moscow to replicate a similar course of events elsewhere? Did the combat, social-mobilization, and information-warfare aspects of these operations appear planned or improvised? What lessons about Russia's strategy and doctrine can we take away from the Ukrainian experience?

This report seeks to address these questions by assessing the two campaigns waged by Russia in Ukraine (Figure 1.1), including its covert and conventional operations. Chapter Two examines the balance of Ukrainian and Russian forces before the conflict, the sequence of events during the invasion and annexation of Crimea, along with the successes and shortcomings of the operation. In Chapter Three, the report charts the course of conflict in Eastern Ukraine and its phases of escalation from political warfare to a hybrid approach and the eventual outbreak of a conventional war between Russia and Ukraine by summer 2014.[1] These critical months are not only less understood than later periods of the war but offer important insights into Russian approaches and possible objectives in the conflict. Chapter Four presents our conclusions and derived implications from this analysis.

[1] *Hybrid warfare* occurs when an adversary simultaneously and adaptively employs a mix of conventional weapons, irregular tactics, terrorism, and possibly criminal behavior in the pursuit of political objectives. See Frank G. Hoffman, "Hybrid vs. Compound War," *Armed Forces Journal*, October 1, 2009. We use the term *political warfare* to describe the employment of political, economic, diplomatic, and information instruments of power in both overt and covert ways to influence another country. Political-warfare tactics range from psychological warfare, propaganda, and incitement of the populace to the support of friendly elements inside the state. See George F. Kennan, "George F. Kennan on Organizing Political Warfare," April 30, 1948, History and Public Policy Program Digital Archive, obtained and contributed to the Cold War International History Project at the Woodrow Wilson Center for Scholars by A. Ross Johnson, reproduced in the Wilson Center Digital Archive, undated.

## Figure 1.1
## Map of Ukraine


RAND *RR1498-1.1*

CHAPTER TWO

# The Annexation of Crimea

## How Russia Annexed Crimea

This chapter looks at Russia's operation to annex Crimea. We begin with the basic question of what happened. The chapter provides a concise chronology of the events that took place during the Russian invasion and then delves into analysis of the Russian successes and failures during the operation. What follows is an exploration and an effort to discern what broader takeaways can be made from the Ukrainian experience for other countries. We discuss the important factors that enabled—or hindered—Russia's invasion of the peninsula. At the end of this chapter, we address whether the annexation of Crimea should be considered as a potential model for Russian military action elsewhere and what it might tell us about the military capabilities of Russia's armed forces.

### The Balance of Forces

According to a credible source, at the onset of its conflict with Russia, Ukraine kept a force of roughly 18,800 personnel stationed in Crimea, most of which were in its navy.[1] However, in February, Ukraine's interim defense minister assessed this number as closer to 15,000 troops.

[1] "Ukraine Troops Leave Crimea by Busload; Defense Minister Resigns After Russia Seizes Peninsula," CBS News, March 25, 2014; "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," ECHOMSK blog, February 23, 2016. This reference is the Russian-language version of Ukraine's declassified National Security Council meeting on February 28, 2014, to discuss the response to Russian military activity in Crimea.

This force included 41 tanks, 160 infantry fighting vehicles, 47 artillery systems, and heavy mortars.[2] The navy's coastal defense troops included a missile artillery brigade, two independent marine battalions, and a coastal defense brigade.

Other Ukrainian assets in Crimea were not as potent. Most of Ukraine's air force units were in disrepair. Of the 45 MiG-29 fighters at Belbek airbase near Sevastopol in southwest Crimea, only four to six were operational.[3] Ukrainian air defenses included Buk-M1 and S-300 surface-to-air missile systems, which were at questionable readiness levels but could still be potent deterrents. A contingent of 2,500 Ministry of the Interior troops was also present, although they perhaps had little defense value. During national leadership meetings in February, Ukraine's minister of defense considered approximately 1,500–2,000 troops as dependable and willing to follow if ordered to fight the Russian military.[4]

Russia had roughly 12,000 military personnel in the Black Sea Fleet at the time, the only infantry unit of which was the 810th Independent Naval Infantry Brigade. The Russian Naval Infantry was staffed by contract troops, who are better trained, paid, and equipped than typical conscript units. In terms of numbers and available firepower, these forces were inferior to Ukraine's units in Crimea, lacking infantry fighting vehicles, armor, or artillery. However, the terms of Russia's basing agreement with Ukraine offered substantial leeway to transfer in units from the mainland if needed, offering a large upload capacity.

## A Chronology of Events

Ukrainian and Russian units went on alert on February 20, 2014, as Maidan protests in Kyiv escalated into violent clashes with government security forces. Russian operations in Crimea effectively began on

---

[2] Colby Howard and Ruslan Pukhov, eds., *Brothers Armed: Military Aspects of the Crisis in Ukraine*, Minneapolis, Minn.: Eastview Press, 2014.

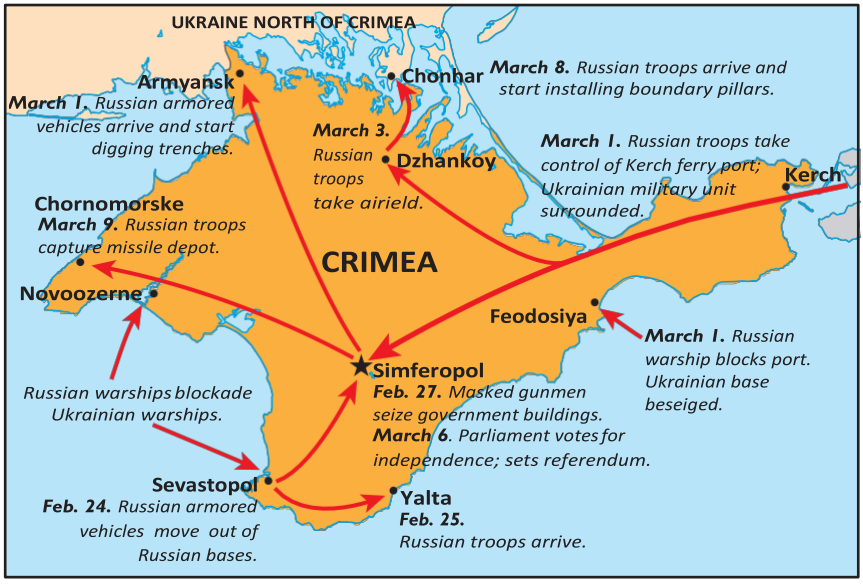
[3] Howard and Pukhov, 2014.

[4] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

February 22 and 23, as battalions of Spetsnaz (elite infantry) units and Vozdushno-Desantnye Voyska (Airborne Forces or VDV) left their bases, while others were airlifted close to the strait separating Russia from Crimea. Figure 2.1 provides an overview of Russian operations in Crimea through March 9.

On February 24, the city council in Sevastopol installed a Russian citizen as mayor, and several units from the 810th Naval Infantry arrived in the city square in armored personnel carriers (APCs), in violation of the rules governing basing arrangements in Crimea.[5] This was the first tangible sign that Russia had decided to intervene militarily to change the political order on the peninsula. On February 25, the *Nikolai Filchenkov*, an Alligator-class landing ship carrying 200 Rus-

**Figure 2.1**
**Map of Crimea and Russian Operations, March 2014**




RAND *RR1498-2.1*

[5] Howard Amos, "Ukraine: Sevastopol Installs Pro-Russian Mayor as Separatism Fears Grow," *Guardian*, February 25, 2014.

sian special operations forces (likely Special Operations Command, Russia [KSO]),[6] arrived in Sevastopol. In addition to bringing special-operations forces units that would subsequently be used in the covert takeover of Crimea, it also may have later evacuated Yanukovych.[7]

On February 26, Russian President Vladimir Putin ordered a snap inspection involving 150,000 troops from parts of the Western and Central Military District.[8] A drill of this scale was not unusual. The new minister of defense, Sergei Shoigu, had been frequently ordering large snap readiness checks and simultaneous drills since 2013. This exercise, however, was used specifically as a diversion and cover for troop movements. Ostensibly, the exercise was not focused on Ukraine's borders but to move VDV and Spetsnaz troops northward in Russia. Roughly 40 Ilyushin Il-76 military transports left Ulyanovsk airbase in Russia, with a large portion of these moving units to Anapa, a staging area just east of Crimea.

On February 27, 50 special-forces operators from the KSO unit pretending to be a local "self-defense militia" seized the Crimean Parliament and raised a Russian flag over the building.[9] Another large landing ship with 300 Russian soldiers arrived following proper border procedures to enter Ukraine but without advance notice to Ukrainian authorities as stipulated in agreements. Later that night, Russian sol-

---

[6] In early 2012, Russia formed a new special-forces unit called *KSO*. This is a small unit modeled closer to Delta Force in the United States, designed to operate independently and abroad. By contrast, the Spetsnaz are military reconnaissance and saboteur units intended to operate alongside conventional formations and more representative of elite infantry.

[7] Howard and Pukhov, 2014.

[8] Niklas Granholm, Gudrun Persson, Johannes Malminen, Jakob Hedenskog, Carolina Vendil Pallin, Anna Sundberg, Johan Eellend, Johan Norberg, Carina Lamont, Tomas Malmlöf, Mike Winnerstig, Kaan Korkmaz, Märta Carlsson, Mikael Eriksson, Niklas Rossbach, Susanne Oxenstierna, Bengt-Göran Bergstrand, Ulrik Franke, John Rydqvist, Erika Holmquist, and Fredrik Westerlund, *A Rude Awakening. Ramifications of Russian Aggression Towards Ukraine*, Stockholm: Swedish Defense Research Agency, FOI-R-3892, June 16, 2014.

[9] Video of the entry and seizure of the Crimean Parliament by Russian special forces was recorded by the building closed-circuit television cameras at the entrance. Their entry is visibly facilitated by the local police. Euromaidan PR, "Ukraine War: Russian Special Forces Seize Parliament Building in Crimea Ukraine," August 16, 2014.

diers without markings surrounded Belbek Air Base. On the morning of February 28, a convoy of three Mi-8 transport helicopters and eight Mi-35M attack helicopters crossed into Ukraine without permission, giving Russia the ability to neutralize Ukrainian armor and operate at night.[10] Ukraine scrambled fighters, deterring further helicopter units from transferring, but the Mi-35s already were operating openly over Crimea and supporting Russian forces on the ground.

In sum, Russian movements of late February 2014 effectively boxed in Ukraine forces, even though Russian capabilities were limited to one incomplete naval infantry brigade and several hundred special-forces operatives. On February 28, Russian forces also seized Simferopol airport, canceled all flights, and began airlifting VDV units into Crimea. Still at a distinct numerical disadvantage, on March 1–2, Russia brought reinforcements by heavy landing ships. These units spread across the peninsula without much resistance, quickly encircling or taking over bases and military facilities. Armed with light utility vehicles and APCs, the Russian units had little firepower but high mobility.

Ukrainesaw its docked fleetblockaded by Russianships;thecommander of its navy, Denis Berezovsky, defected to Russia.[11] Russia had hoped this would prompt further defections, but it did not. Instead, Russian forces made ad hoc arrangements with trapped Ukrainian troops at bases across the peninsula to maintain the siege without violence. Russian troops applied heavy psychological pressure, propaganda, and promises to Ukrainian commanders to get them to defect, with little success until after the annexation in March.[12]

From March 6 on, Russia began a conventional troop buildup over the Kerch ferry crossing in eastern Crimea, bringing in units from

[10] Howard and Pukhov, 2014.

[11] Of these, mostly smaller support vessels were operational. Ukraine's only major surface combatant, a *Krivak*-class frigate, was away at the time and not in the Black Sea.

[12] Large numbers of enlisted and officers either switched sides or resigned their commission and stayed in Crimea after the official annexation was complete. These included some high-profile commanders and unit members who managed to escape Crimea with their equipment but subsequently returned.

motor rifle brigades, towed artillery, a variety of air-defense units, and antiship missile batteries. The Russian military also began to mass units on Ukraine's eastern border as a threat and diversion. Russian forces sealed Crimea off from mainland Ukraine at its northern crossing points. They severed landline communications between the Ukrainian mainland and bases on Crimea; supposedly, in some areas, cellphone signals were jammed, possibly from ship-based equipment.[13] Russian soldiers also cut electricity to some bases to apply pressure on the besieged Ukrainian troops within.

In brief, Ukraine had lost effective command and control over its units on the peninsula roughly one week into the operation. Russian intelligence also used this time to organize self-defense units consisting of local militia,[14] Cossacks (a distinct cultural group of East Slavic people common to the region), and former special police called *Berkut*.[15] Russian airborne troops also donned police uniforms to help keep order among the population under the pretense of being local security forces.

Crimea's local leadership likely did not coordinate with the Kremlin, and the lack of integration was evident in the scheduling of a plebiscite on Crimea's fate. The Crimean Parliament initially declared a referendum on independence for May 25, then moved it to March 30, before finally deciding on March 6 to hold the vote on March 16. As the likelihood of its operation's success increased, without any apparent resistance or evidence of counterattack by Ukrainian forces, Moscow sought an earlier referendum date, moving up the timetables for annexation. Igor "Strelkov" Girkin, who would help lead the insurgency in Eastern Ukraine, later recounted that local officials were not

---

[13] Shane Harris, "Hack Attack," *Foreign Policy*, March 3, 2014.

[14] Roger N. McDermott, *Brothers Disunited: Russia's Use of Military Power in Ukraine*, Fort Leavenworth, Kan.: Foreign Military Studies Office, 2015.

[15] Berkut were a special unit within Ukraine's police force under the Ministry of Interior. They were responsible for much of the fighting on the Maidan and, allegedly, for deaths among civilians. The interim government disbanded Berkut; many former "Berkuts" then came to Crimea and the Donbas to join the separatist cause.

enthusiastic participants in the events but had to be rounded up by paramilitaries to hold the official vote on accession to Russia.[16]

The political process to hold a referendum appeared to be hastily organized and improvised. Indeed, there were two votes: one to leave Ukraine, which was necessary for Crimea to become an independent polity, and a final referendum to accede to the Russian Federation. Russia may have considered turning Crimea into a frozen conflict (i.e., bringing about a cessation of active conflict without a change in political status) before the Crimean Parliament voted to secede from Ukraine.[17] The March 16 referendum would become the political instrument to annex the peninsula, a process that concluded on March 18.

Russia annexed Ukraine with no direct Russian casualties. There were perhaps six associated deaths, including from interactions among opposing groups, such as when, on March 19, a vigilante shot a Ukrainian warrant officer and a Russian Cossack during negotiations outside a base. From March 19 to March 25, Russian forces seized Ukrainian bases in Crimea, most of which offered no resistance. Moscow promised to honor the rank of and provide better pay and benefits to any Crimea-based Ukrainian soldiers who defected and accepted Russian citizenship. Most did so, in large part because they were stationed near families and homes on the peninsula.[18] Ukraine's defense minister was subsequently forced to resign, announcing that, out of 18,000 soldiers and families, only 6,500 chose to leave for Ukraine proper.[19] Even among those who left, such as the 10th Naval Aviation Brigade,

---

16 "Girkin: 'Militia' Pressured Crimean Deputies into the Auditorium for Voting [Гиркин: «Ополченцы» сгоняли крымских депутатов в зал для голосования]," Krymr.org, January 24, 2015.

17 Michael B. Kelley, "Crimean Parliament Votes Unanimously to Become Part of Russia," *Business Insider/Military and Defense*, March 6, 2014.

18 Officers in Ukraine and Russia are provided with apartments, which are often in short supply. More than likely, any officer that left Crimea could expect to have housing difficulty, since Ukraine lacked the apartments and funds to address the displaced.

19 "Ukraine Troops Leave Crimea by Busload; Defense Minister Resigns After Russia Seizes Peninsula," 2014.

some soldiers later resigned and returned to Crimea.[20] By March 26, the annexation was essentially complete, and Russia began returning seized military hardware to Ukraine.[21]

## Russia's Information Campaign

An information campaign preceded, accompanied, and followed Russian military operations in Crimea. Its primary audience was the Russian public at home, with Crimean residents as a secondary consideration. The Russian media always maintained some coverage on events in Crimea for its own domestic public, but this intensified as the clashes between the pro-government forces and the protesters in Kyiv grew more violent. The Maidan protest movement, which began in November 2013, had animated Russia's already-intense manipulation of information aimed at its own citizens, warning them of the dangers of closer ties with the EU. Its campaign included subsuming or pushing to the margins the few remaining domestic independent media outlets, thereby gaining further control and power to shape views in Russia of the events in Ukraine.[22] Existing government outlets, such as *RIA Novosti* and *Voice of Russia*, were consolidated into *Russia Today*, now known as *RT*.[23]

At the time, most of Eastern Ukraine and Crimea watched Russian television and, typical of the former Soviet space, the overwhelming majority of the population received their news from televised

---

[20] bmpd (user), "The Defection Of Ukrainian Navy Troops Into the Russian Armed Forces After Leaving Crimea [Переход военнослужащих ВМС Украины в Вооруженные Силы России после оставления Крыма]," Livejournal blog, March 5, 2016.

[21] The process of returning Ukrainian military equipment was halted when Kyiv launched the Anti-Terrorist Operation in Eastern Ukraine later that year. However, Russia did return a large portion of Ukraine's aviation and naval assets because most of it was not serviceable. Russia did keep a handful of operational ships, adding them to its Black Sea Fleet. "Russia Will Give Ukraine the Military Equipment from Crimea [Россия передаст Украине военную технику из Крыма]," RG.RU, March 28, 2014.

[22] Olga Oliker, Christopher S. Chivvis, Keith Crane, Olesya Tkacheva, and Scott Boston, *Russian Foreign Policy in Historical and Current Context: A Reassessment*, Santa Monica, Calif.: RAND Corporation, PE-144-A, September2015.

[23] Stephen Ennis, "Putin's RIA Novosti Revamp Prompts Propaganda Fears," *BBC Monitoring*, December 9, 2013.

media. Ukraine had largely ceded Russian-language information to Russian-based outlets since its independence from the Soviet Union in 1991, particularly in Crimea. While Moscow did not officially promote Russian media in Ukraine, Russian media markets were so much larger than Russian-language markets in Ukraine that their information and entertainment channels were dominant among Russian-speaking Ukrainians. Russian forces turned off nine Ukrainian television channels on March 9, leaving access to Russian channels only.[24] Channels from Ukraine remained accessible via satellite receivers.

When the Yanukovych government collapsed in early 2014, Russian rhetoric on the events in Ukraine became more severe. Russian media typically referred to Ukraine's interim government and the protest movement that brought it about as a "fascist junta." There were three goals to Russia's information campaign during the operation to seize Crimea: discrediting the new government in Ukraine, emphasizing the grave danger to Russians in Ukraine, and ensuring the display of broad support for Crimea's "return home" to the safety of Russia. Table 2.1, based on additional RAND research, summarizes strategic themes of Russian messaging on Ukraine.

On February 26, Russia began aggressively promoting its message that regime change in Ukraine was illegitimate. That day was one day prior to the Russian military takeover of government buildings in Crimea. This message was advanced by several Russian figures and elites; for example, Sergei Mironov, leader of Russian political party Spravedlivaya Rossiya, on the Russia 24 news channel,[25] and Ramzan Kadyrov, head of the Chechen Republic, on the LifeNews channel[26] contended that Russians were under threat in Crimea and required protection and that Russia needed to act to secure their safety. The message was straightforward: "[N]ationalists and fascists took power

[24] "How the Audience of Ukrainian TV Channels Changed in Crimea [Як змінився перегляд українських телеканалів у Криму]," *Forbes,* April 2, 2014.

[25] "Mironov: Russia Must Protect Russians in Crimea," vesti.ru, February 26, 2014.

[26] "Ramzan Kadyrov: Russia Will Not Give Ukraine into the Hands of the Bandits [Рамзан Кадыров: Россия не позволит отдать Украину в руки бандитам]," *LifeNews*, February, 26, 2014.

**Table 2.1**
**Themes of Russia's Strategic Communication on Crimea**

| General Themes | On the Ukrainian Government | On the Role of Western Countries |
|---|---|---|
| • The Crimean land historically belonged to Russia.<br>• The transfer of Crimea to Ukraine in 1954 was a historical mistake of the Soviet period.<br>• Ethnic Russian and all Russian-speaking populations in Crimea were under imminent ultra-nationalist threat.<br>• Russia was not involved in events in Crimea.<br>• The March 16 referendum on independence was legitimate, demonstrating the will of the people of Crimea.<br>• Ukrainian soldiers voluntarily gave up their weapons and pronounced their allegiance to Russia. | • The Ukrainian government acts in the interests of the United States and other foreign powers.<br>• The Maidan movement is overrun by (violent) ultra-nationalists.<br>• Ukraine's president was overthrown in an illegitimate coup d'état, backed by the West.<br>• The pro-European population of Ukraine are ideological descendants of Nazi supporters and fascists. | • Western countries, and especially the United States, are the core orchestrators of the events in Ukraine.<br>• The primary U.S. motivation is the expansion of the North Atlantic Treaty Organization (NATO) and containing Russia.<br>• The United States is pressuring Europe to impose sanctions against Russia and is the driving force of a policy of containment against Moscow.<br>• Russian policy is not a departure from previous Western interventions to change borders and create new political entities, such as in Kosovo. |

NOTE: Based on RAND research into the Russian information campaign led by one of the authors in 2015. See Appendix A for a more detailed analysis of the themes and tools used in Russia's strategic-communication campaign.

in Kyiv, they will force Russians to abandon the Russian language and present a general threat."[27]

At a March 4 press conference, Putin said that his country had no plans to annex Crimea and that there were no Russian soldiers on Crimean soil. Such claims were part of the official campaign of public denial; this, after all, intended to be a covert takeover. Putin claimed that the dismay of Western powers over the situation was utterly hypo-

[27] "Mironov: Russia Must Protect Russians in Crimea," 2014; and "Ramzan Kadyrov: Russia Will Not Give Ukraine into the Hands of the Bandits [Рамзан Кадыров: Россия не позволит отдать Украину в руки бандитам]," 2014.

critical and if Crimea were to return to Russia, it would not violate any norms or create new precedents. Putin further claimed that Russia was not planning to invade Ukraine, but the country might be forced to intervene if the situation of Russians in Ukraine worsened. This was a veiled threat, given the large amount of Russian forces arrayed near Ukrainian borders. He also claimed that the snap military exercises on Ukraine's border were planned long ago and had nothing to do with the ongoing events.[28]

In addition to traditional media, a seemingly grassroots mobilization campaign in Crimea to counter the Maidan movement also played a role in Russia's strategic communications. This campaign originated from the Russian-speaking population of Crimea, although some alleged the Russian government was behind it.[29] A movement called *Stop Maidan* emerged in Simferopol. Its message relied on visual outdoor ads — tents with logos, in addition to banners saying "no to extremism" and "no to foreign intervention." The messages used by the anti-Maidan activists in Crimea resonated with Russian-media statements depicting Maidan protests as foreign organized and Maidan participants as fascist extremists.[30] The movement also used direct calls

---

[28] "Anti-Constitutional Coup and Seizure of Power — President Gave an Assessment of What Happened in Kiev [Антиконституционный переворот и захват власти — Президент РФ дал оценку тому, что произошло в Киеве]," Channel One [Смотрите оригинал материала на], March 4, 2014.

[29] Allison Quinn, "Why Moscow's Anti-Maidan Protesters Are Putting on an Elaborate Pretence," *Guardian*, February 26, 2015.

[30] "In Simferopol, the Activists of the 'STOP Maidan' Collect Signatures for Greater Autonomy of Powers [В Симферополе активисты «СТОП Майдан» собирают подписи за расширение полномочий автономии]," Arguments of the Week, February 13, 2014; "Flier distributed in Crimea," February 1, 2015, noted:

> Your neighbor, Aleksandra Dvoretskaya — the traitor of Crimea, supports criminal Maidan. The blood and lives of those killed are on her consciousness. She receives money from an American secret services funded organization and had received training in extremism in the USA [Ваша соседка Александра Дворецкая — предательница Крыма, поддерживает преступный Майдан. На ее совести кровь и жизни убитых людей. Получает деньги в общественной организации, финансируемой американскими спецслужбами, Прошла обучение экстремизму в США].

to action, suggesting people sign a government petition and demand greater autonomy in Crimea.

## Characteristics of the Crimean Operation

Russian operations in Crimea represented, by all accounts, an efficient seizure of territory from another state executed with speed and competency. However, the lack of resistance on the Ukrainian side presents important caveats to that assessment. The next section discusses noteworthy structural conditions, decisions, and variables that enabled Russian success or became a hindrance. We consider such aspects as history, geography, language, and social factors, along with existing military agreements, forces in place, and decisions made by Ukrainian authorities during the crisis.

### Russian-Crimean History

Invasion and annexation are significantly easier if the invading force is perceived to be friendly and legitimate. Russia's Black Sea Fleet was historically based in Crimea; therefore, much of the population viewed its personnel as a friendly force. Crimea was distinct in that militaries belonging to two different states were based there. Both were viewed as legitimate by the population, their presence historically valid. Nikita Khrushchev and the Supreme Council of the Soviet Union transferred Crimea from under the government of the Russian Soviet Federative Socialist Republic to the government of the Ukrainian Soviet Socialist Republic in 1954. As both republics were a part of the Soviet Union, the move was largely symbolic and of little practical consequence. Because of its large Russian population, Crimea's links with Russia have remained very important,[31] and Russia's military on the peninsula represented a bond to Russians on the mainland and was perceived to be an important part of the economy. Furthermore, the Crimeans had fewer economic reasons to fear or protest annexation, as incomes, sala-

[31] Calamur Krishnadev, "Crimea: A Gift to Ukraine Becomes a Political Flash Point," NPR, February 27, 2014.

ries, and pensions were substantially higher in Russia than in Ukraine. According to the World Bank, the gross domestic product per capita in Ukraine in 2014 was $3,082.50, compared with $12,735.90 in Russia.[32] The history, identity, and economic links of Crimea to Russia were structural factors, reducing the likelihood of popular resistance and contributing to the ease of Russia's operation.

### Cultural Proximity Between Russia and Crimea

Russian troops and intelligence operatives shared the language, culture, and ethnicity of most Crimeans, giving them advantages as an invading force. Russian agents were able to blend readily among Crimeans to organize or coordinate self-defense units. Paratroopers could pretend to be police or interior troops and conduct riot control against protesters. In short, the common language and culture allowed Russian forces to rapidly insert themselves into the operating environment and take control of the peninsula. Furthermore, the Russian military could readily communicate with sympathetic elements of the population to facilitate the takeover.

### Geography

Given its geography as a peninsula, Crimea was easy to seal from the mainland. A rather low number of nodes was required for control, and it was relatively simple to defend from counterattack. Russia was also easily able to sever communications between Crimea and the mainland. Crimea was a well-defined administrative entity, with its own polity and history, including some degree of political autonomy, allowing it to be neatly separated from Ukraine as an annexed territory. Crimea was closest to Russia's Southern Military District, which had the highest state of readiness among Russian forces, manned at 90 percent, according to some estimates.[33] Russia probably could not

---

[32] Figures provided by the World Bank: "GDP per Capita (Current US$)," World Bank, undated.

[33] Jakob Hedenskog and Carolina Vendil Pallin, eds., *Russian Military Capability in a Ten-Year Perspective – 2013*, Kista, Sweden: Swedish Defence Research Agency, FOI-R-3734-SE, December 2013.

havemounted such anoperationonthesametimetableagainstaregion abutting its Far East or even its Central Districts, where distances are much larger and force readiness levels lower.

Circumstances conspired against Ukraine because the Southern Military District was already on high readiness given that Russia was hosting the Olympic Games in Sochi in February and March 2014. The proximity of Crimea to a well-staffed and high-readiness concentration of Russian forces allowed for a rapid military buildup once the airborne, naval infantry, and special forces took initial control. Ukraine effectively lost all prospects for a counterattack when regular ground units began pouring into the peninsula. Finally, Crimea's small size relative to Ukraine (the largest country in Europe) made the Russian annexation much more feasible.[34]

### Russia's Force Posture and Transit Arrangements with Ukraine

Russia's 810th Naval Infantry Brigade was a leading and supporting asset for the operation, with antiair and antinaval capabilities. The naval base at Sevastopol allowed Russian military units to deploy early in operations and provided the logistics for inserting special forces and reinforcements. In addition to Crimea, Russia has four other bases with independent brigades in former Soviet republics: the 102nd Military Base in Armenia, the 4th in South Ossetia, the 7th in Abkhazia, and the 201st in Tajikistan.[35] Russia also maintains several bases in Syria, the most prominent of which are the Tartus naval facility and Hmeymim Air Base near Latakia, with a contingent of roughly 4,000–5,000 personnel at both bases.

Russia had transit agreements with Ukraine that allowed it to deploy personnel and materiel to Crimea before and during the military operation. There was a sizeable troop limit in the basing agreement, which gave Russia capacity to increase its military presence while still being within the terms of its deal with Ukraine. Early in the crisis,

[34] We must consider that Russia took control of roughly 2 million people with just a few thousand troops. Retaining control of 3.5 million in Eastern Ukraine would prove far more difficult.

[35] Granholm et al., 2014.

Ukraine's interim government was surprised to discover its relative helplessness at preventing Russian reinforcements from arriving, given the logistics and agreements in place.[36] This permitted Russia to insert special forces without initially drawing alarm and introducing the necessary capabilities to conduct the operation. Similarly, Russia has agreements for military forces to transit to its exclave in Kaliningrad through Lithuania. It also had a transit agreement through Ukraine for its forces in Transnistria (Moldova), although Kyiv unilaterally canceled this deal on May 21, 2015.

### Target of Opportunity

Ukraine's government was in transition following the ouster of Yanukovych. As a result, it did not react to the Russian operation when launched. Russia's task was made relatively easy by the confusion and chaos that generally follows an uprising, such as what happened in Kyiv. Moscow capitalized on the tensions and uncertainty in Crimea, as well as on the inexperience of Ukraine's provisional government. Meeting notes of the discussion among Ukrainian leadership reveal a great deal of anxiety, uncertainty, and unwillingness to take action for fear of escalation.[37] It is unclear if any action would have been successful, as Ukraine's head of intelligence services (*Sluzhba Bezpeky Ukrayiny* [SBU]) reported during a decisive meeting that the military and security forces were demoralized and not receptive to the interim government.[38] Not only was Kyiv doubtful of their loyalty, but the situation was assessed to be particularly dire among the navy stationed in Crimea, which central authorities believed could defect.[39]

---

[36] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

[37] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

[38] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

[39] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

Russia also had the element of complete surprise, something it will not likely have should similar opportunities present themselves among its now-wary neighbors. However, there is a host of former Soviet republics surrounding Russia today with aging autocratic leaders. These include Belarus, Uzbekistan,[40] and Kazakhstan. Each of these is set for an uncertain transition in the near to medium term, while others, such as Tajikistan and Kyrgyzstan, have experienced political instability and crisis in their recent past.

### Ukrainian Actions Contributing to Russian Success

Ukraine's political leadership made several important errors following the victory of the Maidan revolution in Kyiv, all of which played decisively to Russia's favor. These errors also provide lessons for understanding where Russia will be able to capitalize in its operations.

The first error occurred when the Ukrainian Parliament, the Rada, pursued nationalist projects following the ouster of Yanukovych. On February 23, the Rada repealed legislation that had given the Russian language official status and protection. The vote even drew criticism from Poland's foreign minister, Radoslaw Sikorski (a staunch supporter of the Maidan), who said that the new government should instead "signal very eloquently to the ethnic minorities in Ukraine that they are welcome in Ukraine; that they are going to be part of the new Ukraine."[41] The interim president, Oleksandr Turchynov, chose not to sign the changed law, but its legislative passage had caused great damage. The Russian-speaking public saw it as the hallmark of an anti-Russian agenda. It would come as no surprise later when minister of the interior Arseny Avakov assessed in closed-door discussions that the majority of Crimeans were taking the Russian side against Ukraine's national government.[42]

---

[40] The leader of Uzbekistan, Islam Karimov, died on September 2, 2016, as this report was going through final editing before the publication.

[41] Palash Ghosh, "Watch Your Tongue: Language Controversy One of Fundamental Conflicts in Ukraine," *International Business Times*, March 3, 2014.

[42] "Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," 2016.

The second error occurred on February 24, when Igor Mosiichuk, a leader of Right Sector, a far-right political party and paramilitary group in Ukraine, publicly threatened to bring paramilitary fighters to Crimea. Russian-language media used Mosiichuk's statements to convey a sense of imminent danger for those living in Crimea. Crimean Berkut riot-police officers, reinforced with Kuban Cossacks, who reside in parts of Russia near the Black Sea, set up checkpoints under the guise of responding to a potential right-wing threat. Clashes between Crimean Tatars and Russian nationalists, protests for secession from Ukraine, and counterprotests for unity ensued, leading to a general state of chaos and disorganization and facilitating Russia's take over. While Right Sector did not, per se, speak for the government, the inability of the government to control postrevolutionary forces played into Russia's narrative that locals were in imminent danger. In effect, this validated the need for Russian help in Crimea and the legitimacy of Russia's intervention to its domestic audience.

The third error occurred on February 25, when Ukraine's minister of interior disbanded the Crimean Berkut riot police returning to Sevastopol after suppressing protests in Kyiv. Specifically, the central government first sent the unit back to Crimea and then disbanded it. This was a humiliation for the security forces, which believed they were carrying out their duties as ordered, and forced them to search for new employment. Upon their return to Sevastopol, these units were greeted as heroes by the people and issued Russian passports by Moscow. They defected to the Russian side and provided auxiliary units in early operations, when Russia was short on manpower. Some participated in further operations in paramilitary units, which left Crimea for the Donbas region of Eastern Ukraine to fight on behalf of the Russian government.[43] The decision to fire the Russian-speaking Berkut continues to haunt Ukraine's government, as many continue to fight with the separatists.[44] The first two of these errors sowed fear and discord among

[43] Alec Luhn, "Pro-Russian Occupiers of Ukrainian Security Service Building Voice Defiance," *Guardian*, April 9, 2014a.

[44] Anastasia Vlasova and Oksana Grytsenko, "Former EuroMaidan Enemies Now Fight Side-by-Side Against Kremlin Backed Separatists in Slovyansk," *KyivPost*, May 30, 2014.

the population, while the last provided supporting forces to facilitate the Russian occupation.

## Factors Enabling Russia's Operational Successes

### Force Composition

Russia chose to use only elements of professional contract troops with high levels of training. It began by leveraging its naval infantry in place and special forces, followed by Spetsnaz, airborne, and, eventually, regular infantry.[45] Most of its reinforcements were VDV contract soldiers, who went on to fight extensively in Eastern Ukraine.[46] The operation succeeded because Moscow deployed its best-trained, best-paid, and most professional forces. It was thus able to surround a numerically superior force equipped with heavy firepower at a speed that surpassed the decisionmaking capability of its adversary. Russia was able to retain control over its forces and encountered no unexpected crises or incidents that could have turned the population against it. On the contrary, Russian troops got the moniker the "polite people" — a euphemism for the heavily armed and unidentified soldiers that took over Crimea.[47] This depiction was a stark contrast from previous military operations, which showed a lack of discipline within the force, such as the war between Russia and Georgia or the Second Chechen War.

---

[45] According to several sources, troops from the Ministry of Internal Affairs of the Russian Federation (MVD) were also involved. Recently, Russia has declared the complete reorganization of the MVD and other internal security components into the National Guard, which will be roughly 400,000 strong. See, also, McDermott, 2015.

[46] Vladmir Gundarov, "Russia's General Staff Is Debating Increasing the VDV Airborne from 45,000 to 60,000 Troops [Численность ВДВ резко возрастет—примерно с 45 тыс. до почти 60 тыс. человек]," *Independent Military Review*, August 16, 2015.

[47] This phrase was coined by a Crimean blogger who headed the *Voice of Sevastopol*. He reported on how the Ukrainian airport security chief had "politely asked" his staff to leave. Gogo Lidz, "Polite People of Russia: Not Who You Might Expect," *Newsweek*, April 11, 2015.

### Mobility

Russia's military demonstrated it could put national leadership decisions into effect almost immediately, implementing operational planning quickly and without major errors. It was able to move the necessary forces thanks to numerous snap exercises that tested readiness of personnel and equipment. Air and sea transportation—essential logistics for seizing a foreign peninsula—proved reliable and responsive. This suggests that, in a conflict near its borders, Russia's forces are likely to be on the ground relatively quick in a contingency, allowing Moscow to seize the initiative against any adversary slower to respond. Russia's armed forces proved more nimble than in previous conflicts, prizing mobility over conventional firepower and speed of action over numerical superiority.

### Use of Deception at the Tactical and Strategic Levels

The Crimean operation does not represent a case of hybrid warfare,[48] but rather a fairly traditional covert operation to shape the battlefield for a conventional invasion. In launching its operations, Russia practiced tactical, operational, and strategic deception, deceiving the local population, the Ukrainian leadership, and the West. Called *maskirovka* in Russian, this is an ancient operational art of concealment and camouflage in the conduct of conventional operations. At the tactical level, Russian soldiers were successful in making the local population believe they were either native self-defense forces or indigenous police units. Perhaps most importantly, they convinced the locals that they were not a hostile force.

At the operational level, they confused Ukraine's leadership as to Russia's true intentions and thereby delayed a Ukrainian response. The Ukrainian government understood that there were Russian forces in Crimea but could not discern their ultimate intent and therefore chose restraint for fear of escalation. During a decisive meeting of the National Security and Defense Council of Ukraine, prominent figures feared any action would be used by Russia as the premise to legitimize an invasion, as was the case of the 2008 war between Russia and Geor-

[48] Hoffman, 2009.

gia. As a result, almost none of the cabinet ministers and party leaders who gathered to discuss the situation was willing to commit to a military response in Crimea.[49]

At the strategic level, the West mistook Russian tactics aimed to create plausible deniability as signs of an effort to negotiate a political settlement and then de-escalate, rather than annex the peninsula. Western officials urged caution and sought to freeze conflict, thinking that Moscow might be seeking an off-ramp to the crisis.[50] The deception also afforded Russia multiple points for disengagement and plausible deniability should the operation have gone awry. It was, in effect, Russia's exit strategy. Because Ukraine and the West responded slowly and cautiously during the critical first week when Russian forces seized Crimea, Moscow is likely to use this tactic in the future.

### Use of Conventional Exercises as Cover

A covert invasion requires "cover," in other words, a plausible reason for unusual redeployments or noticeable troop movements. Moscow effectively used a pattern of unannounced readiness checks and snap exercises to move forces around, eventually deploying them to Ukraine's borders to divert attention. While much of the force was indeed conducting readiness checks and drilling, a small element was being mobilized for the invasion of Crimea. Later into the annexation, Russia began a mass deployment of forces near the Ukrainian border to threaten escalation and stymie Ukraine's response.

Russia's sequence of movements was to launch a diversion to cover troop movements, then deploy a large force near Ukraine's borders. Eventually, Russia built up more than 40,000 troops on the border by April 2014 as part of the same exercise and snap-readiness check initially employed to shift select units toward Crimea. Likely both were planned maneuvers, one to distract and the other to intimidate Ukraine's leadership and impinge upon national-level decisionmaking.

---

[49] ECHOMSK, 2016.

[50] Bob Dreyfuss, "Obama Offers Putin a Face Saving Off-Ramp on Crimea," *The Nation*, March 13, 2014.

### Privileging Speed, Agility, and Communications over Firepower

Russian forces relied on BTR-80/82 APCs, troop trucks, and Tigr light-utility vehicles to isolate Ukraine's units and sever the peninsula. These afforded speed but provided little firepower. Russia supplemented these forces with air-attack and air-lift capabilities, proceeding with the operation without waiting for tanks and mechanized infantry. Since the covert operation would effectively decide matters prior to an occupation by conventional forces, Moscow risked that its forces would be heavily outgunned. Communications made the entire affair possible. Without secure communications at the small-unit level, Russia could not have deployed such a force, relied on it to conduct a sensitive operation, and counted on its responsiveness to decisions in Moscow.[51] Russia denied communications to the opposition while demonstrating that it had the ability to command a light, mobile, and responsive force, composed of battalions and companies rather than brigades and divisions.

### Preparing for Counterattack

Russian forces were prepared for Ukrainian resistance and a counterattack. The 50 special-forces personnel who seized the Crimean Parliament were equipped with body armor and night-vision devices and armed with sniper rifles, machine guns, and heavy rocket-propelled grenades. These units were capable of repelling an initial Ukrainian response and were supported by additional naval infantry units on the peninsula. When Russia seized the Kerch Strait ferry crossing, its units moved to defend Crimea from the Ukrainian mainland. Additionally, Moscow quickly committed its long-range anti-access and area-denial capabilities. Artillery was deployed to the north to guard against any approaches from the mainland.

---

[51] C. J. Chivers, and David M. Herscenhorn, "In Crimea, Russia Showcases a Rebooted Military," *New York Times*, April 2, 2014.

## Factors Contributing to Russia's Operational Shortcomings

While Russia enjoyed many operational successes in Crimea that it might replicate elsewhere, it also had several shortcomings. These included failure to induce Ukrainian forces to defect, lack of planning for nonviolent resistance, incoherent political management of local elites, and information operations of little influence. We review each of these in the next section.

### Turning Local Forces

It is unknown whether the Russian military expected a significant number of Ukrainian units to prove disloyal to the government—especially in a time of crisis—and to defect. Ukraine's SBU intelligence service appears to have held such expectations. The Berkut and local police turned almost immediately to Russia, but efforts to encourage defections throughout the Ukrainian garrison on the peninsula were largely unsuccessful. Despite an initial success with turning the commander of the navy, who may have been on the Russian payroll prior to the events of March 2014, the rest of the Ukrainian navy did not follow him. Even this important defection was in part serendipitous, since it was the interim Ukrainian leadership in Kyiv that chose to promote him to this position in the first place. In effect, this was another unforced error on the part of Kyiv authorities that contributed to the overall Russian success. High-level defections did occur after Crimea's annexation, including the commander of the Ukraine's flagship, the *Hetman Sahaydachniy*, and a number of the ship's crew.[52]

### Psychological Operations

Russia's efforts to get Ukrainian forces to surrender their bases willingly met with mixed results. Despite heavy psychological pressure to coerce them, many chose to remain at least to maintain the appearance

[52] eagle_rost (user), "About Those Who Left the Ukrainian Navy and About Captain Roman Pyatnitsky" [Об ушедших из ВМСУ, и о капитане 2 ранга Романе Пятницком]," March 6, 2016.

of being taken by force. Russian troops were unable to achieve surrender either through conciliatory overtures or punitive measures, such as electricity cutoff. They were not able to bribe or cajole many of the units they had initially isolated. One in particular, the Naval Aviation regiment, successfully evacuated its functioning aircraft and helicopters rather than surrender them. While Russia expected corruptibility and low morale to be a vulnerability of Ukrainian forces, it failed to capitalize on these in a substantive way during the annexation.

### Planning for Nonviolent Resistance

To maintain the semblance of a friendly force and avoid critical media coverage, an invading force must manage nonviolent resistance. While Russian forces appeared to minimize use of force, one of their checkpoints was clearly unprepared when 300 unarmed Ukrainian soldiers marched out of Belbek airbase with Western journalists in tow. The Russian troops who fired into the air and called back for orders were surprised by the Ukrainian commanders' initiative and visibly not in control of the situation. Units were given rules of engagement but likely were untrained for managing nonviolent resistance or handling media coverage.

### Political Management of Local Elites

Moscow also appeared unprepared for interaction with local Crimean politicians on what should happen once it seized the peninsula. Russia's back and forth with the Crimean Parliament suggests Moscow did not fully plan out the sequence of political events that would follow the invasion to effect an annexation. If indeed it did, the mechanics were poorly executed. The movement of the referendum date forward and back suggests the plan had changed several times as part of an iterative process. It is unclear if annexation was Russia's original goal or became so only after Moscow saw it had seized Crimea without fighting, achieving its initial aim of separating the peninsula from Ukraine. Perhaps the most important factor was the popularity of the invasion at home. It is possible Russian leaders first waited for the domestic and international response to the invasion of Crimea prior to deciding whether to proceed with annexation or another political rearrangement.

### Information Operations

Moscow leveraged social media effectively to generate domestic support and spread vast amounts of disinformation about the Maidan protests and the intentions of the new government in Kyiv. One analysis of Russia's information operations in the Ukrainian conflict found five elements of its propaganda campaign. These were:

- massive and long-lasting impact (repeat the same themes over and over again)
- desired information (manipulate messages to play upon the fears of ethnic Russians in Ukraine)
- emotional agitation (use themes that will make ethnic Russians in Ukraine act out of irrational anger)
- clarity (present the Ukrainian conflict in simple terms of good and evil)
- supposed obviousness (match propaganda messages with widely held Russian myths and legends).[53]

Russian media also helped ensure domestic approval of a rapid transition from a confusing conflict to a politically acceptable seizure of territory. Putin used Russian media to great effect in presenting the historical and emotional arguments about why Crimea belongs to Russia in a March 18, 2014, speech. One analyst suggests that Russians place greater emphasis on "justice" than on the legal system, which is seen as transient and serving the elites; as a result, Russians overwhelmingly supported Putin's attempt to unite Crimea and Russia, which they perceived as a just cause despite it breaking international law.[54] Rule of law does not have deep roots in Russia and hence was a lesser

[53] See Jolanta Darczewska, "The Anatomy of Russian Information Warfare: The Crimean Operation, A Case Study," Warsaw, Poland: Centre for Eastern Studies, Point of View Number 42, May 2014, p. 25.

[54] "Video: Nikolai Zlobin Discusses Russian National Idea at Kennan Institute," interview at Center on Global Interests, Washington, D.C., July 25, 2015.

consideration in the question of whether Putin was justified in seizing or occupying Crimea.[55]

Unfortunately, it is difficult to discern any tangible operational advantages Russia gained from its information campaign during the Crimean annexation. Surveys conducted by U.S. experts found that, unlike many Ukrainians, 85 percent of Crimeans did not perceive themselves to be European.[56] Opinion polls indicate more generally that Crimeans were perhaps a more distinct polity than many other Ukrainians.[57] On the ground, Russian agents and their auxiliaries, rather than the information campaign, were the organizing force behind mobilization. Although the information campaign undoubtedly had a polarizing effect on the population, its key turning points resulted from Ukrainian mistakes rather than Russian successes. Moscow used these errors to achieve greater mobilization and internal discord, but the information war was a sideshow to the operation itself.

Russian television programming focused more on its domestic audience than on influencing Ukrainian public opinion within or outside Crimea. Russia did not create special agencies, tools, or media to engage Ukrainians in Crimea. Information operations aimed at Ukrainian citizens were essentially a by-product of Russia's information campaign to manage its own domestic opinion. During the annexation, Russian forces sought to shut down access to Ukrainian media, forcing the local population to rely on news sources controlled by Moscow. However, surveys suggest that most Crimeans received their information from Russian television to begin with—and still do today.[58] Given Crimea's proximity to Russia, this approach was sufficient and effective and could be reproduced elsewhere along Russia's borders.

---

[55] Masha Gessen, "Most Russians Believe the Crimea Is Theirs—Putin Has Acted on His Belief," *Guardian*, March 1, 2014.

[56] John O'Loughlin and Gerard Toal, "Mistrust About Political Motives in Contested Ukraine," *Washington Post*, February 13, 2015a.

[57] John O'Loughlin and Gerard Toal, "The Crimean Conundrum," openDemocracy.net, March 3, 2015b.

[58] Gerard Toal and John O'Loughlin, "Russian and Ukrainian Viewers Live on Different Planets," *Washington Post*, February 26, 2015.

## Conclusion: Implications and Effects

There are indicators that the invasion of Crimea was a contingency Russia had been preparing for since Ukraine's Orange Revolution in 2004 and updated following the beginning of the Maidan protests in 2013.[59] This point continues to be debated and contested today. The initial actions were conducted with special-forces units that were only formed in 2012, implying that the plans were probably finalized at a much later date, perhaps between the time when the Maidan began in November 2013 and the actual launch of the operation in late February 2014.[60] Russia's military was able to quickly and effectively put plans into action in response to a decision made by the national leadership.

Ukraine did not resist militarily, and therefore this operation cannot be analyzed for lessons on how Russia intends to fight war or as a model for any Russian doctrine. Warfighting did not take place in Crimea. We cannot generalize the events in Crimea to other broadly established concepts involving hybrid war, nonlinear warfare, or any concept of operations commonly mentioned in reference to Russia's military today.[61] Did Russia use disguised forces or paramilitary auxiliaries? Yes, but it is hard to judge whether or not they were of substantive value relative to conventional forces. Their presence in the battle space does not confer relevance.

Crimea stands as a singular operation against a particular target and at a distinct time of opportunity when Ukraine was vulnerable. It provides evidence of the restoration of competence, professionalism, and effectiveness to a very select component within the Russian armed forces.[62] We can infer a good deal about mobility, logistics, and the speed with which national decisionmaking results in use of force, but

---

[59] Yekaterina Kravtsova, "Observers Say Russia Had Crimea Plan for Years," *Moscow Times*, March 27, 2014.

[60] Dmitry Litovkin, "Defense Ministry to Revive Russia's Special Operation Forces," *Russia Beyond the Headlines*, June 20, 2013.

[61] "NATO to Counter Hybrid Warfare from Russia," *BBC World News*, May 14, 2015.

[62] Johan Norberg, "The Use of Russia's Military in the Crimean Crisis," *Carnegie Endowment for International Peace*, March 13, 2014.

this operation tells us little about the warfighting ability of Russia's armed forces against a conventional opponent. Current Russian operations in Syria offer precisely such lessons, which are sorely missing from the case of Crimea.

It is difficult to determine what conclusions Russia made from the Crimean annexation for its campaign in Eastern Ukraine, which began almost simultaneously. Not only were these concurrent rather than sequential efforts, but they also differed starkly in execution. That said, events in Crimea may have strengthened long-held Russian views about the weakness and incompetence of the Ukrainian state. Ukrainian leaders made substantial errors during the early days following the Maidan and at the outset of the Russian invasion. Kyiv's national decisionmaking certainly did not discourage Russian military activity. The Crimean experience likely made military escalation in Eastern Ukraine an enticing proposition, although Moscow's preferred approach there was to attempt classical political warfare and subversion, as we discuss in the next section of this report.

CHAPTER THREE

# Separatism and Aggression in Eastern Ukraine (March–May 2014)

## How Russia Destabilized Eastern Ukraine

### Chronology of Events

Protests in Eastern Ukraine (Figure 3.1) against the new Ukrainian government began almost immediately after the Maidan protests prompted Yanukovych's flight from power. As noted in Chapter Two, the Rada voted to repeal the official status of the Russian language on February 23, stoking fear and anger in the east, where most citizens spoke Russian. This measure, coupled with Russia's operation in Crimea, encouraged the mobilization of both leftist and right-wing organizations in Eastern Ukraine. Their leaders, previously existing on the margins of Ukrainian political life, proclaimed themselves as "people'smayors" and "people'sgovernors." The opening events of political turmoil in Eastern Ukraine closely followed the popular appointment of a Russian citizen as mayor in Sevastopol, Crimea, on February 24.

The protesters portrayed their actions as spontaneous and self-initiated, driven by public anxiety about the future after the victory of the Maidan movement in the capital. The Ukrainian government dismissed the outbreak of protests as provocations organized by pro-Russian agitators and intelligence operators. Russian intelligence may have played a role in fomenting discontent, but the public agitation and outcry appeared genuine and not disconnected from the country's political divisions. Some Russian citizens were allegedly paid to cross the border and participate in these events (professional agitators), and some Russians likely came to help the cause of their own accord, but

**Figure 3.1**
**Map of Eastern Ukraine**

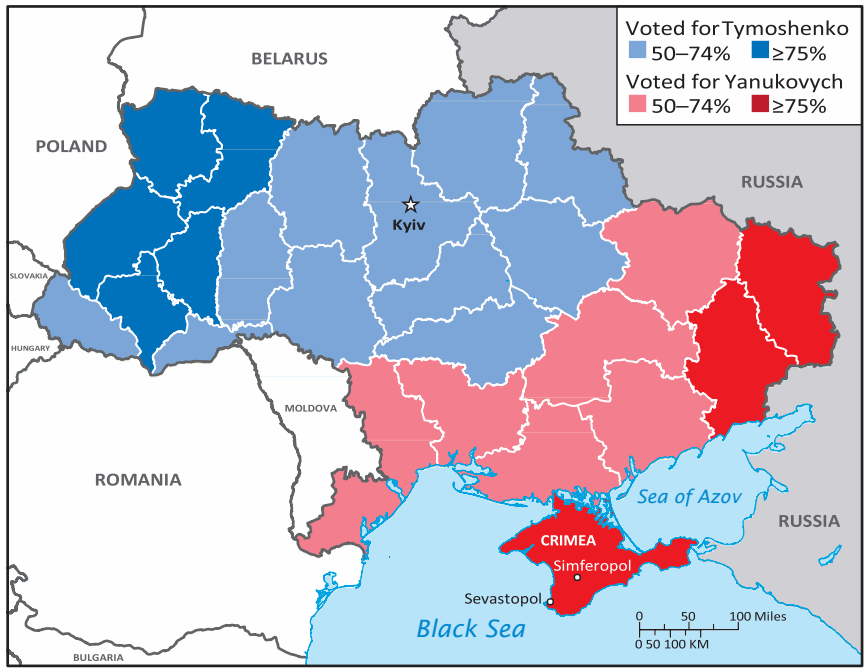

RAND *RR1498-3.1*

most protestors were local Ukrainians.[1] Most of the people in Eastern Ukraine had voted for Yanukovych and traditionally supported his political party, the Party of the Regions (see, for example, Figure 3.2). They were dismayed by his overthrow and uncertain about Ukraine's political direction.

An initial surge of activity took place in early March with a series of large demonstrations by mostly unarmed pro-Russian protesters. On March 1, while the Crimean operation was already unfolding, protesters seized the regional administration buildings in Kharkiv and Donetsk. On March 9, protesters took over the regional administration building in Luhansk and demanded a referendum be held on annexing the Luhansk Oblast (region) to Russia. Russian military support

[1] Andrew Roth, "Russia Tourists Stir the Protests," *New York Times*, March 3, 2014.

**Figure 3.2**
**Results of the 2010 Presidential Elections in Ukraine**




RAND *RR1498-3.2*

for the installment of a new mayor in Sevastopol may have convinced these protesters that they could count on Moscow's backing.

Some suggest that the early protests were somewhat staged. One account described a protest as "street theater," in which "both sides would show a mix of on-camera resolve, even as they clashed they would knowingly flash moments of politeness, mutual respect, and restraint—as if many of them were a common people caught in their divided rulers' fight."[2] In some cases, local security forces permitted the

[2] The account notes examples of the rioters' restraint:

> For a short while, one group of protesting men—cleareyed and sober, but projecting toughness—deliberately defended the police. When there was a briefly chaotic rush for the building's side door, and a much smaller police contingent blocking it, these men, seeming to take instructions by cellphone, intervened. They ordered the crowd back to

protesters to temporarily take over government buildings, recognizing that the protesters would soon depart.[3] The protesters' official causes included a referendum on federalization, recognition of Russian as the second official state language, and a Customs Union with Russia. The call for a referendum was apparently a bid to pressure the Ukrainian government for devolution of more autonomy to the regions.[4]

In Luhansk, Aleksander Kharitonov, Oblast Secretary of the Progressive Socialist Party of Ukraine (PSPU), declared himself people's governor. Pavel Gubarev, a member of the neofascist organization Russian National Unity, did the same in Donetsk. In Kharkiv, Vladimir Varshavskiy, a car mechanic and a blogger, was proclaimed popular mayor at a public rally. In Slovyansk, an owner of a small business, Vacheslav Ponamorev, emerged as popular mayor, with unknown backers. These individuals could be described as pro-Russian and certainly anti-Maidan oriented, but they were also obscure figures of little-to-no political significance in the country or the region. They would be prop-

---

> the front steps. The crowd complied. Today is going to be a peaceful march," said one of their leaders, Pavel, 27, who declined to give his surname.… A riot shield that protesters wrested from one police officer was returned with an apology. A woman among the protesters came forward and wiped tears from another police officer's face; he allowed her to reach up under his plexiglass face shield. (C. J. Chivers and Andrew Roth, "The Curtain Goes Up, and the Clash Begins," *New York Times*, March 18, 2014)

[3] Per James Marson, "Pro-Russia Demonstrators Break into Government Buildings in Donetsk," *Wall Street Journal*, March 16, 2014:

> As a few dozen protesters, including one young man recording on his iPad, stormed the government buildings, police offered little resistance, apparently intent on avoiding clashes so as not to give Russia a pretext to invade. The demonstrators soon left the buildings. "There was no one there, but we made ourselves heard," said a man over loudspeakers strapped to the top of a Soviet-era hatchback after people left the security service building. After leading chants of "Russia" he turned on a Soviet tune from World War II.

[4] See, for example, the chronology of Luhansk Guard activities, "Tags: Lugansk Guard," cxid.info, undated; the interview with PSPU's leader, Nataliya Vetrenko (Lyudmila Klushina [Клушина Людмила], "Natalia Vitrenko: Neo-Nazis Intimidate People [Наталия Витренко: Людей запугивают неонацисты]," *Vecherniy Peterburg*, December 10, 2015; and Aleksey Sochnev, "The International Community Must Help Us to Free Ourselves from the Neo-Nazis [Mirovoye Soobshchestvo Doljno Pomoch Nam Osvoboditsya ot Neonatsisma]," *Russkaya Planeta*, March 12, 2014.

erly characterized as local and regional political outsiders, adherents of extreme movements who exist on the margins of the political landscape.

What little is known of their biographies reveals local criminals, small businessmen, and ideological extremists colored by Russian nationalism. Denis Pushilin, who was the first leader of the Donetsk People's Republic (DNR), spent his time selling shares in a Russian pyramid scheme.[5] Vyacheslav Ponomarev, the aforementioned mayor of Slovyansk, had supposedly moved from one business venture to another before taking ownership of a small soap company.[6] Their meteoric rises seem improbable without external backing. Given these figures' backgrounds, the proposition that they were the pillars of a long-planned Russian intelligence operation is equally dubious. If so, these individuals appeared, and subsequently proved to be, poorly adapted to the task.

The period of political mobilization to demand for federalization and greater regional autonomy was short-lived. Regional law enforcement cracked down on these people's governors and, by removing them, inadvertently paved the way for a different set of leadership to take over the movements. Valeriy Bolotov replaced Kharitonov as the new people's governor of Luhansk after Kharitonov's arrest. Bolotov was a retired paratrooper, a veteran of several conflicts, and the head of the Paratroopers Veteran Union.[7] He had been a representative of Oleksandr Yefremov, a former governor, businessman, and prominent member of Yanukovych's party. Yanukovych and many of his associates fled to Russia, making it likely that Moscow could tap their patronage connections and business networks. As a result, some of the political agitators who were arrested were replaced with or backed by the enforcers from the business circles of local elites.

---

[5] In interviews, Pushilin indicated that he had previously worked as a security guard and candy salesman before his employment at a joint stock company called MMM, which supposedly was an investment Ponzi scheme. Griff Witte, "Pro-Russian Separatists in Eastern Ukraine Were 'Nobodies' — Until Now," *Washington Post*, April 30, 2014.

[6] Witte, 2014.

[7] Nadezhda Shostak, "Who Is the 'People's Governor': Kharkov Headed Smith and Lohansk Paratrooper [Kto Oni, 'Narodniye Gubernatory': Kharkov Vozglavil Avtoslesar, a Luhansk Desantnik]," *Komsomolskaya Pravda*, April 23, 2014.

By March 10, local police managed to regain control of all the captured administration buildings in the three cities. In Kharkiv, interior minister Avakov stated that 70 separatists were arrested in the clearing of the state administration building.[8] Street clashes between pro- and anti-Maidan protesters continued for several days in major cities.[9] Meanwhile, the interim Ukrainian government appointed oligarchs as new governors, assuming they would use their patronage networks to retain control and defend their own economic interests. One of the more important decisions by Kyiv early in March was to appoint Ihor Kolomoisky as governor of Dnipropetrovsk, where he already had substantial economic influence and vested interests.

Ukrainian authorities removed the local political figureheads of the protest movement but, as a consequence, they were replaced by individuals with ties to Russian security services, military experience, and associations with business interests in Russia. Many were either local to the Donbas region or came from Crimea, likely at the behest of Russian intelligence in early March. The new leaders were more interested in mounting direct action and had the military experience to command a paramilitary force.

In Donetsk, Aleskandr Boroday, a Russian citizen and editor of the conservative newspaper *Zavtra*, replaced Gubarev as people's governor after Gubarev's arrest. In Slovyansk, Boroday's close associate, Strelkov, sacked Ponamorev and proclaimed himself as the people's mayor of Slovyansk.[10] Strelkov, a veteran of conflicts in Transnistria, Serbia, and the Chechen wars and allegedly an operative for Russia's military intelligence (GRU), would become an important figure in this conflict.[11] This change in leadership marks the true beginning of

---

[8] "Ukraine Authorities Clear Kharkiv Building, Arrest Scores of Separatists," Radio Free Europe/Radio Liberty, October 27, 2015.

[9] "Deadly Clashes in East Ukraine Ahead of Crimea Vote," *BBC News*, March 15, 2014.

[10] Luke Harding, "Pro-Russian Mayor of Slovyansk Sacked and Arrested," *Guardian*, June 12, 2014; Anna Dolgov, "Missing Slovyansk Mayor Detained on Orders of Russian Militant, Report Says," *Moscow Times*, June 12 2014.

[11] Irina Bobrova, "Igor Strelkov: How a Book Boy Became the Commander of the Militia of Donbass [Игорь Стрелков: как книжный мальчик стал командующим ополчением

the separatist movement and the transition from political warfare to insurgency.

Rather than wait to hold a referendum on the status of the regions, commanders, such as Strelkov and his comrade Igor Bezler (whose *nom de guerre* is Bes [Demon]),[12] stormed the buildings of the local administration and proclaimed the territories under their control as republics. Strelkov publicly takes credit for launching the conflict.[13] It is unknown if he operated under Russian command or independently, but his actions prevented a restoration of order by Ukrainian authorities as occurred in Odessa and Kharkiv, where crackdowns ended protests and the local elites chose to side with the national government.[14] When Strelkov declared the Donetsk Republic, he shifted the cause from federalization to outright secession from Ukraine, which was always his personal intention.

From April 6 to 23, the separatists employed groups of armed men to capture and hold the administration buildings that were lost by the pro-Russian civilian demonstrators in early March. It is unclear whether these assaults were coordinated with Russian authorities. Separatists seized the main administrative building in Donetsk on April 6, overran an Interior Ministry rapid-response force at the Luhansk

---

Донбасса]," *Moskovskiy Komsomolets*, May 28, 2014.

[12] Bezler is originally from Crimea and allegedly a separatist leader working with Russian intelligence. A Russian citizen, he supposedly saw active service and was later in the GRU. Some say he fought in Chechnya and Afghanistan. His name is most prominently associated with an audio recording when Malaysia Airlines flight 17 was shot down in July 2014, confirming the plane was civilian. Julia Ioffe, "I Met Igor Bezler, the Russian Rebel Who Said 'We Have Just Shot Down a Plane,'" *New Republic*, July 18, 2014.

[13] Igor Strelkov, "Strelkov Admitted Responsibility for Military Operations in Ukraine [Стрелков признал ответственность за военные действия на Украине]," LENT.ru, November 20, 2014.

[14] The minister of the interior in Kharkiv cracked down on the pro-Russian protesters there, stifling attempts to create a nascent people's republic. "Ukraine Authorities Clear Kharkiv Building, Arrest Scores of Separatists," 2015. Protests in Odessa resulted in 42 deaths of pro-Russian activists on May 2, and the tragedy led to disengagement among the warring protesters. "How Did Odessa's Fire Happen?" *BBC News*, May 6, 2014; "Strelkov: 'Shooters' War I Began, Not Donbas' [Стрелков: Войну на Донбассе начал я]," *Korrespondent*, November 20, 2014.

administration complex on April 11, and took the city halls in Slovyansk, Kramatorsk, and Krasny Liman on April 12. In Donetsk, separatists seized the state security services building to gain access to 300 assault rifles and 400 handguns, allowing them to arm fighters and further spread the insurgency.[15] At this stage of the movement, the demands vacillated between autonomy within a federalized Ukraine and secession in order to join Russia.

The proclamation by Strelkov of the DNR on April 7 marked a more concerted attempt to unify effort and command among the separatists behind a political structure. Pro-Russian separatists would declare a Luhansk People's Republic a few weeks later. Eventually Strelkov took overall command and control of a large conglomeration of fighters called the South-East Army, becoming the leading political figure of the separatist movement. Although he was able to attract members of some pro-Russian organizations, including the East Front and Donbas People's Movement, Strelkov was unable to monopolize the use of force in the area.[16] Local elites, who formed their own battalions, preferred to maintain their autonomy. Such units as Vostok Battalion in Donetsk, headed by a former commander of Ukrainian Alfa special forces in the region, and Zarya in Luhansk, primarily comprising local residents, acted independently of Strelkov's South-East Army.

From April 15 to 23, Ukrainian army and Interior Ministry forces mounted efforts to respond to the separatists. Most of the deployed units in the east were halted outside the captured cities by a handful of crude checkpoints and several pro-Russian civilian mobs. Ukrainian security forces were ineffective for two reasons. First, at the time, the Ukrainian army existed largely on paper, with perhaps only 6,000

---

[15] Ukraine's ministry stated the objective of this attack was the firearms. This would become emblematic of the separatist attacks on security buildings and police stations in order to seize arms and equip a paramilitary force. Andrew Higgins, "Armed Men Seize Police Station in Eastern Ukraine City," *New York Times*, April 12, 2014.

[16] "In Donetsk, the Formation of the Republican Army [В Донецке началось формирование республиканской армии]," May 4, 2014; Igor Korotchenko, "Army Units Began to Form Self-Defense Southeast Ukraine [Началось формирование отрядов Армии самообороны Юго-Восточной Украины]," Livejournal blog, March 23, 2014.

combat-capable troops available.[17] Second, Ukrainian army commanders spoke Russian and were disinclined to fight against fellow Russian speakers or order troops into civilian areas. As a whole, the Ukrainian military was completely unprepared for the launch of combat operations.

The local police in Donetsk, Luhansk, Slovyansk, and Kramatorsk were either intimidated by the separatists or defected to them. By August 2015, Ukraine's chief military prosecutor would report that some 5,000 police and 3,000 servicemen had defected to the separatist cause.[18] Ukrainian soldiers and their commanders were confused by the situation on the ground and did not know how to deal with the separatist forces that were accompanied by supportive civilian mobs.[19] Many Ukrainian units retreated by April 23. In one embarrassing instance, six Ukrainian airborne vehicles from the 25th Airborne Brigade were captured by separatists and local civilians without a fight.[20] This handful of airborne infantry fighting vehicles (known as *Boyevaya Mashina Desanta*) and a Nona self-propelled mortar were used by

---

[17] Jeanne Whalen and Alan Cullison, "Ukraine Battles to Rebuild a Depleted Military," *Wall Street Journal*, March 25, 2014; Linda Kinstler, "Why Is Ukraine's Army So Appalingly Bad?" *New Republic*, May 9, 2014.

[18] "8 Thousand Ukrainian Officers Have Defected to the Separatists," meduza.io, August 14, 2015.

[19] Ralph Ellis, Laura Smith-Spark, and Tim Lister, "Ukraine Military Push Appears to Lose Momentum in the East," CNN, April 17,2014.

[20] One account of the Ukrainian military noted:

> A military operation that the Ukrainian government said would confront pro-Russian militants in the east of the country unraveled in disarray on Wednesday with the entire contingent of 21 armored vehicles that had separated into two columns surrendering or pulling back before nightfall. . . . One of the armored columns stopped when a crowd of men drinking beer and women yelling taunts and insults gathered on the road before them, and later in the day its commander agreed to hand over the soldiers' assault rifles to the very separatists they were sent to fight. Another column from the same ostensibly elite unit, the 25th Dnipropetrovsk paratrooper brigade, surrendered not only its weapons but also the tracked and armored vehicles it had arrived in, letting militants park them as trophies, under a Russian flag, in a central square here. (Andrew Kramer, "Ukraine Push Against Rebels Grinds to Halt," *New York Times*, April 17, 2014)

theseparatistsfrom ApriluntilJune,whenheavierconventionalequipment was eventually supplied directly by Moscow.

From late April to late May, the Ukrainian army mounted a more deliberate campaign to contain the pro-Russian rebellion by securing key terrain around Donbas cities held by the separatists. The objective of this strategy was to position the military for a decisive offensive against the rebel enclave once Ukraine's national mobilization, including the May 1 reintroduction of mass conscription for men, had been completed. After taking outlying cities, Ukraine's army planned to isolate and besiege Donetsk and Luhansk.[21]

Meanwhile, the separatists obtained short-range air-defense weaponry, presumably from Russia or possibly from stocks in Ukraine.[22] In late April and May, several Ukrainian military helicopters and fixed-wing transport aircraft were shot down in the Donbas region. Russia apparently supplied the rebels with shoulder-fired and self-propelled Strela-10M short-range systems.[23] Russian forces massing on Ukraine's borders grew beyond 40,000, diverting Ukraine's deployments to its borders, defending cities such as Kharkiv, rather than to the conflict zone, because of the threat of large-scale invasion.[24]

In the last week of April, the Ukrainian army made probing attacks against the outskirts of Slovyansk. On May 2, a Ukrainian offensive made gains, seizing part of the city, with casualties on both

---

[21] "Ukraine Says Forces Retake Two More Rebel Cities," *BBC World News*, July 7, 2014.

[22] Some of the antiaircraft systems employed by the separatists may have been captured from Ukrainian units. It is worth noting, however, that merely operating and sustaining some of these systems, let alone successfully employing them, requires a degree of expertise beyond that present in typical armed groups. It is also worth noting that while Ukrainian aircraft were shot down with some frequency throughout this period, the first shoot-down of a fixed-wing aircraft at medium altitude took place on July 15. See "Shooting Down of Ukrainian Military Aircraft at Cruising Altitude Reflects Ongoing Escalation Risk and Possible Russian Support," *Jane's Online Country Risk Daily Report*, July 15, 2014.

[23] "Armored Vehicles with an Inscription in Kiev and Lviv 5.07 [бронетехника с надписями На Киев и На Львов 5.07]," YouTube video, July 6, 2014.

[24] Dan Bloom, "Satellite Photos Expose 40,000 Russian Troops, Tanks, and Fighter Jets Massed Near Ukraine's Borders as NATO Warns Kremlin Could Order Invasion Within 12 Hours," *Daily Mail*, April 10, 2014.

sides and at the cost of losing two helicopters.[25] In the subsequent weeks, fighting spread to other towns in Donetsk, with seesaw battles between government forces and separatists in Kramatorsk, Slovyansk, and Mariupol. Separatist leaders organized a referendum on May 11, without any discernible legal basis, in which 89 percent of participants supposedly voted in favor of self-rule.[26] Violence continued until the May 25 presidential election, with several attacks by separatist forces possibly aiming to disrupt the election. Shortly after the elections, the First Battle of Donetsk Airport broke out, with more than 50 separatists reported killed, marking a transition point in the conflict.

This attack was the first featuring a large group of volunteers from Russia who arrived to reinforce the separatists, but it proved a military disaster for the separatist fighters. Scores were killed at the airport and on the way back to the city by friendly fire from the Vostok Battalion, which confused them for Ukrainian units, perhaps emblematic of the lack of communication among the disparate separatist forces.[27] It is difficult to identify the point at which significant numbers of Russian soldiers become involved in this conflict under the guise of volunteers. Russian citizens took command of the separatist movement in mid-April, and they had Russian volunteers with them. However, the May

---

[25] David Cenciotti, "Two Ukrainian Gunship Helicopters Shot Down by Maenads in Eastern Ukraine," *The Aviationist*, May 2, 2014.

[26] The referendum and its results are not considered credible by Ukraine, international observers, or other countries. "Ukraine Rebels Hold Referendums in Donetsk and Luhansk," *BBC News*, May 11, 2014.

[27] Several unflattering accounts of this battle appeared in Russian blogs. This episode was considered one of the single worst losses for the separatists throughout the history of the conflict. See El_Murid, "Three Weeks Ago, I Spoke with People Who Were Directly Involved in One of the Most Unsuccessful Operations of Donetsk Militia — An Attempt to Capture the Airport In Donetsk. Per My Request, They Put Together a Text in Which They Describe in Detail What Was Happening From the Point of View of a Direct Participant. Below Is This Text, in Full [Недели три назад я разговаривал с людьми, которые непосредственно участвовали в одной из самых неудачных операций донецкого ополчения - попытке захвата аэропорта в Донецке. По моей просьбе они составили текст, в котором относительно подробно описали происходившее с точки зрения непосредственного участника. Ниже этот текст, целиком, как пришел]," Livejournal blog, May 26, 2014.

26 battle for Donetsk Airport likely marks a departure point for greater involvement of "volunteers" from Russia to bolster separatist ranks.

The battle for Donetsk airport and Ukraine's subsequent offensive operations escalated the conflict vertically for Russia, resulting in the steady transition to conventional warfare. From June until the end of August, Russia trickled in mechanized equipment, armor, and advanced munitions to the separatist forces, as well as medium air defenses (such as Buk-M1 capable of high-altitude interception) operated by its own units.[28] By mid-August, Ukraine had lost so much tactical and transport aviation that its air force was unable to participate in the conflict because of the presence of strong air defense. The Anti-Terrorist Operation (the Ukrainian government's official name for its campaign against the separatists) was essentially a siege-warfare campaign, leveraging Ukraine's vastly superior numbers, artillery, and air power to steadily encircle and push out the separatists from fortified terrain. Together with volunteer battalions, Ukraine's military ate away at separatist territory, a fitful campaign replete with setbacks, minor defeats, and costly mistakes for Russia.

In August 2014, the situation became critical for the separatists, as the territory under their control shrank and Ukraine edged closer to regaining control of the border and encircling them completely. A wedge was being driven between Donetsk and Luhansk, threatening to separate the two putative breakaway republics. On August 24, Russia abandoned an effort to mix in conventional weaponry, such as tanks and air defense, in support of the separatist forces. Instead, it switched to conventional operations, invading with perhaps 4,000 regular troops (accurate figures are unavailable) and defeating Ukraine's military at the Battle of Ilovaisk.[29] With the Minsk I ceasefire signed in early September, Russia began a more robust train-and-equip mission designed to turn the separatists into a more capable conventional force. Although artillery skirmishes continued, both sides took a break

[28] This is the weapon system widely believed responsible for the downing of Malaysian Airlines MH17 in July 2014.

[29] "Serving Russian Soldiers on Leave Fighting Ukrainian Troops Alongside Rebels, Pro-Russian Separatist Leader Says," *Telegraph*, August 28, 2014.

to rearm, train, and consolidate between September 5, 2014, and January 13, 2015, when Russia launched a second offensive. Following a second encirclement and defeat at Debaltseve, Ukraine signed the Minsk II ceasefire on February 12, 2015, with terms highly favorable for Moscow.

The terms of the Minsk II deal obliged Ukraine to grant the separatist regions special status, amend its constitution for greater decentralization, and reintegrate them. While sporadic fighting has continued, by mid-July 2015, Ukraine began taking the political steps necessary to implement its obligations under that agreement, albeit at a glacial pace. The deal may give Moscow its permanent frozen conflict in Ukraine, making the separatist republics of Donetsk and Luhansk technically Ukrainian territory, but providing Moscow a strategic hook in the country. If the agreements are not implemented, Russia still has a useful means for destabilization and, at the very least, may have denied Ukraine a path to NATO or EU membership.

Today the separatist force continues to undergo consolidation and conversion into a conventional army, equipped by Russia and supported by a capable contingent of Russian troops who serve as a quick reaction force. The conflict intensity is cyclical, largely quiet in fall 2015 with a ceasefire, then experiencing a strong uptick in artillery skirmishes and fighting in winter and spring 2016. Russia has achieved some of its political objectives in Ukraine and will lock in further gains if Ukrainian leaders implement the political concessions they accepted under the Minsk II accord. However, Ukraine's government experienced a political crisis in winter 2015–2016, with a spate of infighting among ruling elites and corruption scandals that delayed any prospects for constitutional reform or reintegration of the Donbas. At the time of the writing of this report, the conflict remains unsettled and unfrozen.

## Characteristics of the Eastern Ukraine Operation

Russia sought to avoid what it perceived to be a geopolitical disaster, with Ukraine leaving its sphere of influence and transitioning into a Western orbit, possibly entering the EU or NATO. It did so by employ-

ing political warfare and subversion, which spiraled out into a full-blown insurgency in Eastern Ukraine, eventually leading to a conventional war. Moscow could have secured a strategic victory if it could bend the interim government in Kyiv to accept federalization (a process that would devolve power) and neutralize its ability to strategically reorient Ukraine in a Western direction. It would also make nationwide reforms impossible to implement. This would substantially limit the impact of the Maidan victory. Thus, we argue that Russia orchestrated a secession movement in the eastern regions as leverage to force Ukraine into accepting federalization.[30]

These are important assumptions in the analysis of the Russian objectives throughout the evolution of this conflict. The basis for this assessment is threefold. First, as the chronology indicates, Russia had ample military opportunity to invade Ukraine, defeat its forces, and conquer any eastern region if it so chose. In fact, even after considerable time to organize, arm, and prepare, Ukraine was still soundly defeated in August 2014 and February 2015 at the battles of Illovaisk and Debaltseve. Second, the report assumes that the initial demands for devolution of power, federalization, and the protection of the Russian language made by upstart people's governors, agitators, and separatist leaders were representative of Moscow's objectives. That is, this was the core purpose of the political-warfare campaign and the follow-on separatist movement. The origins and evolution of the protests were discussed earlier in the chronology of events provided in this chapter.

Finally, numerous official Russian statements throughout this conflict, from the Russian president to cabinet ministers, support that this was Moscow's official policy and desired plan for Ukraine. One example is provided below from an interview early on in the conflict given by foreign minister Sergei Lavrov on March 29, 2014:

> All the more important as that this was the obligation signed by Vitaly Klichko, Arseniy Yatsenyuk and Oleh Tyahnybok [Maidan leaders] and German French and Polish foreign ministers, with a

[30] Vladimir Socor, "Pro-Russia Paramilitaries Seize Ground in Eastern Ukraine Ahead of International Negotiations," *Eurasia Daily Monitor*, Vol. 11, Issue 72, April 16, 2014.

> view to start constitutional reform, which would be comprehensive and include each and every political power and regions with an equal voting right. They should start agreeing on a federation, within the framework of which each region has broad authority in the area of economics, finance, culture, language, education, foreign economy and cultural ties with neighboring countries or regions and where rights of all minorities are ensured.[31]

Lavrov further elaborates:

> This is what the eastern and southern regions request. We are convinced that this is absolutely correct way to achieve this. Representatives of the Ukrainian foreign ministry reply to us that Russian propositions are a provocation and interference into domestic affairs because they propose ideas which are incompatible with the foundations of the Ukrainian national identity. What ideas? Firstly, federalization, and secondly, official language. I do not know why they are incompatible with foundations of Ukrainian national identity.[32]

In March 2014, Ukrainian leaders refused to entertain such proposals. The Russian proposition was rightfully seen as a stalking horse for the political partitioning of Ukraine, and the Ukrainian Foreign Ministry termed it an attempt to "divide and destroy Ukrainian statehood."[33] Later that year, Putin spoke publicly of his disappointment with Ukraine's refusal to entertain federalization and argued that the official terms for it did not matter:

---

[31] These excerpts are taken from the Russian Ministry of Foreign Affairs' official website. Sergei Lavrov's statement would become an oft-repeated Russian position regarding the need for Ukrainian constitutional reform. Such provisions are eventually included in the Minsk II agreement, requiring Ukraine to vote in amendments to the constitution. "Interview Given by the Russian Foreign Minister Sergey Lavrov to the Programme 'Vesti v sabot s Serge Brilyovim,'" Ministry of Foreign Affairs of the Russian Federation official site, March 29, 2014.

[32] "Interview Given by the Russian Foreign Minister Sergey Lavrov to the Programme "Vesti v sabot s Serge Brilyovim," 2014.

[33] Vladimir Ryzhkov, "Putin's Federalization Card in Ukraine," *The Moscow Times*, April 7, 2014.

> It is all really a play on words. It is important to understand what these notions mean: decentralization, federalization, regionalization. You can coin a dozen other terms.[34]

A year later, following several battlefield setbacks, many of these demands would be integrated into the Minsk II ceasefire agreement, which today is the governing document for cessation of hostilities in Ukraine. Even its early provisions are yet to be implemented, but the document is the only agreed-upon roadmap for ending the conflict.

### The Ukrainian Context

To understand how Russia fostered an insurgency in Eastern Ukraine, we must account for the powerful nonstate actors in Ukraine, an analytical lens often neglected in this conflict. Although authority was centralized in Kyiv, the national leadership typically used its powers for corruption and redistribution of resources among patronage networks. Ukraine was, and arguably remains, an oligarchy, run by powerful and wealthy individuals who control slices of the economy, own national media channels and major state enterprises, and have politicians on retainer across the country. In effect, a small number of individuals own and control large parts of the Ukrainian economy and political system. Through much of Ukraine's history as an independent country, Ukrainian leaders represented whichever oligarchic faction was on top, perhaps with the exception of Yanukovych, who enriched his own family clan at the expense of all others.[35]

In early 2014, the state was an outer shell under which the structure consisted of oligarchs and their political patronage networks. Oligarchs profited immensely from ownership of state enterprises and converted that wealth into political influence. Political parties served as instruments to secure the interests of oligarchs, while corruption was considered the norm in all aspects of life. Oligarchs still remain a pow-

---

[34] "Russian President Putin Says Ukraine Needs Federalization to Settle Conflict," TASS (Russian News Agency), November 17, 2014.

[35] Mikhail Minakov, "A Decisive Turn? Risks for Ukrainian Democracy After the Euro-Maidan," Carnegie Endowment for International Peace, February 4, 2016.

erful force in Ukrainian politics today—reformist-minded ministers struggle against vested interests and corruption schemes.[36] Since independence, groups of oligarchs have competed for power in the capital while fighting each other for control of key industries.

Before 2014, Ukraine was a country with political and economic divisions borne of its history and Soviet inheritance. In December 2013, Leonid Peisakhin aptly stated that Ukraine "has never been and is not yet a coherent national unit with a common narrative or a set of more or less commonly shared political aspirations."[37] Opinion surveys highlighted these differences. An April 2013 survey found 42 percent of Ukrainians favored closer relations with the EU, while 31 percent preferred the Russian-led Customs Union.[38] More importantly, 76 percent of those in Western Ukraine thought EU association would be good for the economy, but 53 percent in Eastern Ukraine saw the Russian Customs Union as more beneficial.[39] At the time, exports to Russia and the EU were roughly equal in value, but Eastern Ukraine was heavily integrated into the Russian economy, while Western Ukraine had strong ties with the rest of Europe. Political choices also tended to follow an East-West division (as represented in Figure 3.2).

The Donetsk and Luhansk regions that hosted the separatist movement were an industrial zone with a population of roughly 6.5 million, most being Russian speaking. Their economy was based on mining and manufacturing and exporting ores, metals, and chemicals; it was heavily integrated with the Russian economy. The people and local business elites there felt they had the most to lose from a turn toward the EU because of their strong links with Russia. A population that viewed Russia favorably and an assortment of local elites with

---

[36] Julia Mostovaya [Юлия Мостовая], "Behind the Screen [За ширмой]," zn.ua, February 5, 2016.

[37] Max Fisher, ed. "What Does Ukraine's East-West Divide Have to Do with the Current Crisis?" Card 10 of "Everything You Need to Know About the Ukraine Crisis," *Vox*, September 3, 2014.

[38] Leonid Peisakhin, "Why Are People Protesting in Ukraine? Providing Historical Context," Washington Post, December 19, 2013.

[39] Peisakhin, 2013.

Russian ties would prove to be useful and important entry points for Moscow.

### The Information Campaign

Several information campaigns were waged over Eastern Ukraine, along with sporadic cyberattacks. Even before Yanukovych's ouster, Euro-Maidan in Kharkiv, which helped organize the first pan-Ukrainian Forum of Euro-Maidans, suffered a major distributed denial of service (DDoS) attack.[40] In February, following Yanukovych's ouster, DDoS attacks targeted government websites. The initial attacks were not very disruptive, but hackers in October 2014 were able to disable the electronic system for compiling Rada election results, forcing manual tallying of ballots and delaying reporting of results.[41] The hacker group CyberBerkut claimed credit for the attack, claiming it was a protest against "the junta regime."[42]

Social media also became a focus of the information campaign. Because the two most popular social-media platforms in Ukraine, VKontakte and Odnoklassniki,[43] were hosted on Russian servers, Russian authorities were able to block pro-Maidan pages and force service providers to share personal information about those who "liked" them.[44] Pavel Durov, the founder of VKontatke, sold his remaining

---

[40] "The Site of the Kharkov Euromaidan Movement Experiences Powerful Hacker Attack, [Сайт харьковского Евромайдана подвергается мощной хакерской атаке]," Gordonua.com, January 9, 2014.

[41] "Cyber Attacks in Ukraine: Who and How Carries Out the 'Offensive' on Sites [Кибератаки в Украине. Кто и как осуществляет "штурм" сайтов]," Korrespondent.net, October 17, 2014; "Large-Scale Cyberwar Conducted Against Ukraine" [Против Украины ведется масштабная кибервойна]," obkom.net.ua, April 14, 2014.

[42] "Cyberattacks on the Central Election Commission Website," unian.net, October 26, 2014; "CEC Postponed the Announcement of the Results of Cyberattacks on 'Elections' System [ЦИК перенес дату оглашения результатов из-за кибератак на систему «Выборы»]," nbnews.com.ua, October 25, 2014.

[43] In 2011, as many as 67 percent of Ukrainian social-media users had active vKontakte accounts, 54 percent Odnoklassniki, and 43 Facebook accounts. See Smartica/Skykillers, "Internet in Ukraine," presentation, 2012.

[44] Gianluca Mezzofiore, "Ukraine Crisis: Russia Blocks 13 Maidan Protest Internet Pages," *International Business Times*, March 3, 2014; and "Durov Refused to Give Personal Data of

stake and fled Russia in April 2014.[45] As violence on the ground escalated, VKontakte and Odnoklassniki provided a tool for soliciting contributions and recruiting in Russia for such groups as "AntiMaidan," "Donbas People's Militia," and "Fund to Help Novorossiya."[46] Social media also captured the activities of the separatists, the Russian equipment being provided to them, and much of the violence waged against them.

One significant element of the Russian information campaign was the rekindling of the term *Novorossiya*.[47] Putin mentioned this concept in a speech on April 17, 2014, recalling that Eastern and Southern Ukraine—or the third of the country from Donbas to Odessa, including the regions that are predominantly Russian speaking—were historically parts of the Russian Empire. Putin's rendition of history of *Novorossiya* was self-serving, as the term existed only on the margins of Russian body politic since 1990, although some state officials imagined it as a potential lever against Ukraine should it turn sharply West.[48] The use of this term raised concerns in the West in that it implied that Russia intended to dismember Ukraine in pursuit of a larger irredentist

---

the Organizers of Euromaidan Social Media Groups [Дуров отказался выдать ФСБ личные данные организаторов групп Евромайдана]," uainfo.org, April 17, 2014.

[45] Danny Hakim, "Once Celebrated in Russia, the Programmer Pavel Durov Chooses Exile," *New York Times*, December 2, 2014.

[46] James Bradshaw, "MH17: Ukraine Rebels Find a Gathering Place on VKontakte," Globe and Mail, July 18, 2014; Mark Snowiss and Danila Galperovich, "Russian Social Media Fortify Rebellion in Ukraine," Voice of America, June 30, 2014; "How Social Media Transformed Pro-Russian Nostalgia into Violence in Ukraine," The Conversation.com, October 16, 2014; Mumin Shakirov, "I Was a Separatist Fighter in Ukraine," Atlantic, July 14, 2014; "The 'Titushki' Got Their Own Meme. It Is Funny and Sad at the Same Time! [У «титушек» появился собственный мем. Смех и грех!]," argumentinedeli.ua, February 5, 2014.

[47] A reference to a part of the Russian Empire stretching across Southern and Eastern Ukraine. This was formed into a province in the 18th century, comprising lands from the Hetmanate and those gained from the Ottoman Empire. The region has its own distinct history and changed hands several times in the early 20th century during the Russian Revolution and the anti-Bolshevik White Movement.

[48] Anatol Lieven, *Ukraine and Russia: A Fraternal Rivalry*, Washington, D.C.: United States Institute for Peace, 1999.

cause.[49] The term, with its historical overtones, helped Moscow appeal to imperialist nationalists, rekindling memories of when large swaths of Ukraine belonged to Russia. A leader of this movement was Pavel Gubarev, a far-right separatist leader and one of the so-called people's governors, who founded the Partiya Novorossiya in May 2014.[50]

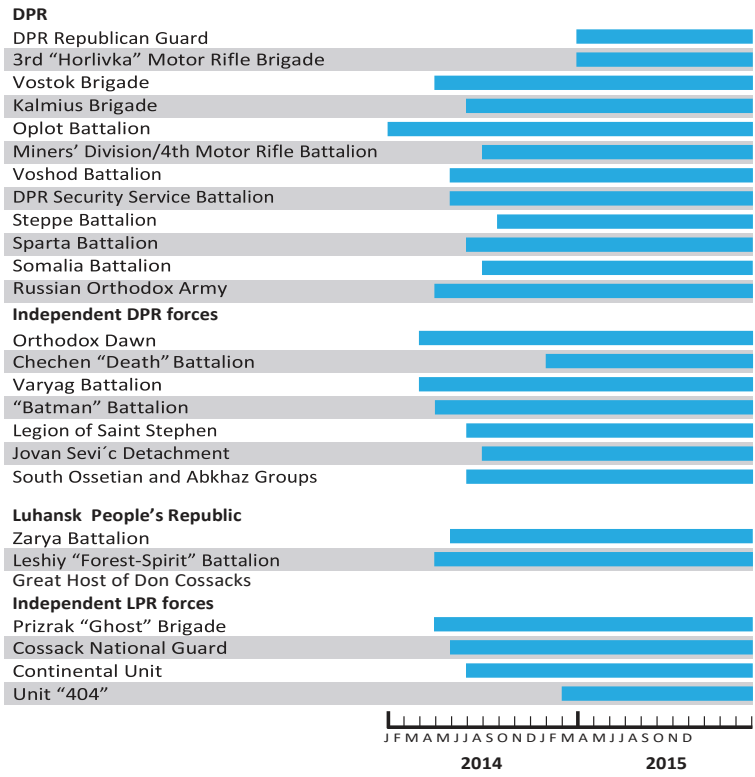
*Novorossiya* also made the case for justice and historical legitimacy of the separatists' actions in the eyes of some Russians. It helped Russian leaders foster the cause among leaders in Eastern Ukraine, and gave a grand concept and idea to the separatist movement and a reason for Russian volunteers to join it. This political slogan turned the separatist effort into a cause and eventually a common banner for the disparate forces (Figure 3.3). In May 2014, the self-proclaimed Luhansk and Donetsk republics formed the confederation of Novorossiya and the United Armed Forces of Novorossiya. In short order, it became apparent that separatism had rather shallow roots, leading Russian officials to quickly drop the term *Novorossiya*; nevertheless, it continues to be a rallying cry for the separatists and a unifying term for various groups in the breakaway republics. Putin may have only mentioned it a few times, but the frame was used to glue together the political ideology behind the separatist military effort and construct an imagined historical foundation.

However, by the time of the September 2014 Minsk accords, the project had effectively been abandoned by the Kremlin because it was incompatible with schemes to reintegrate the Donbas with Ukraine. Although the United Armed Forces of Novorossiya technically lives on in separatist imaginings, for Russia, this was an information mechanism that lost utility by the beginning of summer 2014. One study concluded that this project "was abandoned in Moscow either due to

[49] Adrian A. Basora and Aleskandr Fisher, "Putin's 'Greater Novorossiya' — The Dismemberment of Ukraine," Foreign Policy Research Institute, May 2014.

[50] John O'Loughlin, Gerard Toal, and Vladimir Kolosov, "The Rise and Fall of 'Novorossiya': Examining Support for a Separatist Geopolitical Imaginary in Southeast Ukraine," *Post-Soviet Affairs*, 2016.

## Figure 3.3
## Separatist Groups in the Army of Novorossiya




NOTE: List based on research conducted by Roger McDermott of the Jamestown Foundation and Michael Kofman (coauthor of the report) of the CNA Corporation in addition to known data about the various separatist groups that participated in the conflict. Great Host of Don Cossacks, Independent LPR forces, and Prizrak "Ghost" Brigade are not part of the same group; they are different groups fighting for the same cause.

**RAND** *RR1498-3.3*

itsimplausiblenature,ormanifestfailureinthefaceofresistanceacross many parts of southeast Ukraine."[51]

Moscow sought to dredge up a political entity from the past with its own coterie of ideological fighters and leaders that sought to use the specter of *Novorossiya* as leverage to bargain with Ukrainian authorities. Although ultimately unsuccessful, the Russian leadership's attempt to advance *Novorossiya* as a political and information project was ambitious. Russia sought to conjure an imaginary country to trade it for political concessions from the Ukrainian government.

Russia's information campaign was more successful at agitating the West than at delivering tangible results in Ukraine. Studies using survey data and technical analysis of the penetration of Russian broadcasting signals found that the impact of the campaign was grossly overestimated. The message proved polarizing rather than mobilizing, even where Russian television signals had the most coverage and viewership. While the campaign increased hostility toward and distrust of the Ukrainian national government, it did little to mobilize public support of separatism.[52] Ultimately, Ukraine banned Russian broadcasts to the extent it could in the rest of the country, while national viewership of Russian news and other media drastically declined.[53]

In the Donbas, support for the national government and the separatist cause was equally tepid. Russian-backed separatists had to resort to force because the information campaign failed to rally an indigenous uprising that could sweep Eastern Ukraine.[54] Far from being an integral element, the information campaign remained a sideshow throughout the conflict. In characterizing the importance of the information campaign, it is often assumed that activity translated into achievement and because Russia invested in the effort, it must have had an impact.

---

[51] O'Loughlin, Toal, and Kolosov, 2016.

[52] Leonid Peisakhin, "Russian Media and Ukraine's Domestic Politics," presentation at the Wilson Center, Washington, D.C., April 15,2015.

[53] "Ukraine Bans Russian TV Channels for Airing War 'Propaganda,'" Reuters, August 19, 2014.

[54] Kofman and Rojansky, 2015.

## The "Separatists"

Despite the ineffectiveness of the central government, Ukraine never had a power vacuum. Indeed, like the central government, even the protest-movement leaders were likely backed by some of the oligarchs and local power brokers.[55] The separatists and the vested interests behind them were intertwined in a complex game. Oligarchs in the east had plenty to lose in the aftermath of the Maidan movement, since their patronage party (Party of the Regions) was politically decimated, and much to gain from backing protests as part of a bargaining game with those newly arrived in power. Pro-Russian opportunists and ideologues hoped that they could ride the wave of public outrage into power, while Russian imperialists expected that Moscow would intervene militarily in Eastern Ukraine as it did in Crimea. These individuals were not interested in devolution of power or preservation of the Russian language but outright fragmentation of Ukraine, and they hoped military action would spur a Russian intervention.

At the point of inception, the separatist movement seized on the mobilization of the 'anti-Maidan' sentiments emanating foremost from Crimea. Russian media fostered and sought to spread the grievances and political fears of this movement (as discussed earlier in this report). The separatist movement was an evolution of the earlier effort to support political agitation in Eastern Ukraine, with an eye to force national-level concessions from the central government. If Kyiv lost control of eastern regions to separatists, the instability would let Russia press for the federalization of Ukraine. In the most optimistic scenario for Russia, Southern Ukraine would join these separatist movements as well.

The separatist movement underwent a significant transition in March 2014, when the initial protest leaders were arrested, making space for figures such as Strelkov to take charge. Strelkov is often described as a Russian intelligence officer,[56] and he was indeed a retired

---

[55] Oleg Shynkarenko, "Who's Funding East Ukraine Militancy?" *Institute for War and Peace Reporting*, May 16, 2014.

[56] Irena Chalupa, "Russians' Once-Secretive Commander in Ukraine Is on the Air," *Atlantic Council*, November 18, 2014.

Federal Security Service (FSB) colonel, but this is an overly simplistic representation of why he became involved. He was also a well-known ideologue and Russian nationalist who participated in the annexation of Crimea as a paramilitary fighter and subsequently decamped for Eastern Ukraine—most likely with Russian assistance and a handful of fighters (possibly former Berkut).[57] His adventure in Ukraine may have been sanctioned by the Russian authorities, but a variety of sources have reported that he was acting in the interests of Konstantin V. Malofeev, a wealthy Russian oligarch with deeply religious and nationalist views that closely aligned with Strelkov's own.[58]

Strelkov was joined by Alexander Borodai, another right-wing nationalist, who became prime minister of the DNR in May 2014. With extensive media experience, Borodai was quite likely the political strategist brought to help glue together the concept of the separatist republics. Borodai knew Girkin from the Transnistrian conflict in the early 1990s,[59] had been a member of various nationalist causes, and worked for the ultranationalist newspaper *Zavtra*.[60] Like Girkin, Borodai is alleged to have links to Malofeev and was also involved in the annexation of Crimea as a political consultant for Sergei Aksyonov, who has been the political leader of Crimea since annexation.

Later in summer 2014, Girkin and Borodai were both replaced. By August, it was clear the separatists were on the precipice of failure, and a negotiated settlement with Ukraine would prove difficult

---

[57] Alexander Mercouris, "Insight and Limitations of Russia's Most Popular Military Hero (Igor Strelkov)," *Russia Insider*, February 7,2015.

[58] Courtney Weaver, "Malofeev: The Russian Billionaire Linking Moscow to the Rebels," *Financial Times*, July 24, 2014;"Konstantin Malofeev: Fringe Christian Orthodox Financier of the Donbas Separatists," *Jamestown Foundation*, August 8, 2014.

[59] The Transnistria War was a short conflict in Moldova that broke out in 1992 following the collapse of the Soviet Union. Since then, Transnistria remains a largely unrecognized country which sought to break away from Moldova, and a frozen conflict, with Russian forces still stationed in the region. Several of the prominent separatist leaders, like Borodai and Girkin, allegedly participated in pro-Russian protests during this conflict. They also supposedly had links to Crimea's governor (and criminal leader) Sergei Aksyonov. Harriet Salem, " Who's Who in the Donetsk People's Republic,' July 1,2014.

[60] Tom Balmforth, "A Guide to the Separatists of Eastern Ukraine," Radio Free Europe/ Radio Liberty, June 3, 2014.

to orchestrate given that the leaders of the separatist republics were both Russian citizens (i.e., externally introduced actors who could not negotiate on behalf of the breakaway regions). In effect, the facade of a locally inspired rebellion became pointless. The two separatist leaders were compelled to give up leadership in mid-August 2014,[61] with Borodai replaced as head of the DNR by Alexander Zaharchenko. Since returning to Russia, Strelkov has been banned from appearing in the media despite being considered the hero of the insurgency by many Russians, and he only gives interviews to fringe media outlets.[62]

Employment of an informal network of fighters in post-Soviet republics as well as of individuals such as Strelkov with shady business and intelligence connections indicates that Moscow sought entry into Ukraine through existing informal networks and linkages among elites. The use of nationalist-minded fighters suggests that rather than a professional covert operation, Russia was engaged in an ad hoc effort using available auxiliaries and ideologues with extensive military experience. Separatist commanders in Eastern Ukraine shared common traits and history, some having fought in Transnitria, the Chechen Wars, and a series of post-Soviet conflicts.[63] Individuals such as Strelkov engaged in historical reenactments between conflicts, dreamed of restoring the Russian Empire, and craved an opportunity to fight in any war on Russia's periphery.[64]

At the heart of this approach were flexibility, opportunism, and an economy of resources, which came at the price of cohesion, control, and eventually would result in problems for Moscow. Strelkov's fighters, who may have been funded by Malofeev, were one of the major elements in the overall separatist force, a mishmash grouping whose

---

61 Carol J. Williams, "Two More Top Separatist Leaders Abandon Eastern Ukraine Battle," *Los Angeles Times*, August 14, 2014.

62 Benjamin Bidder, "Russian Far-Right Idol: The Man Who Started the War in Ukraine," Spiegel Online International, March 18, 2015.

63 Politica-UA, "Strelkov-Girkin Decided to Restore Russian Empire 20 Years Ago [Стрелков-Гиркин задумал восстановить Российскую Империю еще 20 лет назад]," June 14, 2014.

64 Politica-UA, 2014.

leaders had military experience and connections to Russia's intelligence services. Early volunteers from Russia constituted the backbone of these small units, supported by local Ukrainian Berkut and Alfa units.[65] There is an abundance of information in Russian sources about international fighters traveling to fight with the separatists and the recruitment of volunteers in Russia to fight in Ukraine.[66]

Strelkov's so-called South-East Army would encompass a ragtag group of volunteers, criminals, and misfits. Strelkov's own accounts of his experience commanding forces in Chechnya indicate that he never commanded a force larger than a company of 150 soldiers.[67] Moscow could not count on controlling such a force through Strelkov. Hence, other military units, such as the Vostok battalion, represented the real firepower and military experience for the movement. Vostok, formed in 1999, was originally a Chechen battalion during the Second Chechen War. The unit in Ukraine was probably formed around a core of veteran fighters from the original Chechen unit along with experienced fighters from the Caucasus, including Dagestanis, Abkhazians, and South Ossetians.[68] The chain of control probably consisted of Chechen fighters who were present with the permission of

---

[65] "These Are Our People [Это наши люди]," vz.ru, April 12, 2014.

[66] "There Is a Problem: In Perm, Volunteers are Recruted for Border [Есть проблема В Перми набирают добровольцев на границу]," 59.ru website, September 18, 2014; "Four Natives of Ingushetia Were Killed in the Fighting in Ukraine,, Said Yevkurov [В боях на Украине были убиты четыре выходца из Ингушетии, заявил Евкуров]," kavkaz-uzel.eu, June 6, 2014; "Volunteers from Chechnya Arrived in Novorossiya to Catch Militant Isa Munayev [Добровольцы из Чечни приехали в Новороссию, чтобы поймать боевикаИсу Мунаева (видео)]," *Lugansk News*, October 29, 2014; Glas Rusije, "The Commander of the Serbian Unit in Luhansk: Passenger Plane Was Hit by Ukraine [Командир сербского отряда в Луганске: пассажирский самолет сбила Украина]," RuSerbia.com, August 19, 2014; "New Volunteers from Serbia to Join the Franco-Serbian Team [Новые добровольцы из Сербии присоединяются к франко-сербской бригаде]," Rusvesna.su, September 22, 2014; "Chinese Volunteers Arrive in Donbass [В Донбасс прибывают китайские добровольцы]," on-planet.ru, September 30, 2014; and "Tags: Lugansk Guard," cxid.info, undated.

[67] "Igor Strelkov: To Crush the Ukrainian Army, It Is Necessary to Fight [Игорь Стрелков: «Чтобы разгромить украинскую армию, надо воевать]," December 1, 2014.

[68] Claire Bigg, "Vostok Battalion, A Powerful New Player in Eastern Ukraine," Radio Free Europe/Radio Liberty, October 27, 2015.

Chechen president Ramzan Kadyrov,[69] who is fiercely loyal to Putin. The Ukrainian unit was being armed and funded by Russian elites to maintain plausible deniability. Vostok was led by Alexander Khodakovsky, the commander of an Ukrainian Alfa unit who defected before taking Vostok's lead.[70]

Vostok was possibly the enforcing unit within the separatist movement, deployed to impose Moscow's control over some of the disparate elements involved in this conflict. In May 2014, it raided the headquarters of the Donetsk Republic as part of an effort to clean up the criminality and institute discipline among the separatists. There were numerous personality conflicts, with commanders such as Khodakovsky openly criticizing the political leadership of the separatist republics. The various fighting units saw little utility to the political organization placed in charge of the DNR. Different elements of the Russian government may have been responsible for the political and military aspects of this operation.[71] While the political process of annexing Crimea did not go smoothly, Eastern Ukraine seems to have posed a far greater military and political coordination challenge for Moscow.

Strelkov coordinated with Vostok through personal contact only.[72] Another prominent battalion, Oplot, was also under his partial control. This unit formed as a more militant anti-Maidan movement in Kharkiv and would later become the armored spearhead of the separatists, who fought alongside Vostok. The overall force represented a diffuse Russian effort, with nationalists leading a group of motivated volunteers and a professional mercenary unit ensuring that the Kremlin could retain some semblance of a guiding hand. It appears Russia allowed Strelkov to figurehead the overall effort because he proved

---

[69] Alice Speri, "Yes, There Are Chechen Fighters in Ukraine, and Nobody Knows Who Sent Them There," *VICE News*, May 28, 2014.

[70] Alec Luhn, "Volunteers or Paid Fighters? The Vostok Battalion Looms Large in War with Kiev," *Guardian*, June 6, 2014b.

[71] Jaroslav Koshiw, "Donestsk Separatists in Dispute – Khodakovsky vs Strelkov," OpenDemocracy.net, August 11, 2014.

[72] Aleksandr Prohanov and Igor Strelkov, "Who Are You, 'Shooter'? [Кто ты, «Стрелок»?]," *Zavtra*, November 20, 2014.

both popular and successful and distrusting because of his zealotry. An alternative reading of why the separatist structure was so incoherent is that it proved to be the outcome of competing Russian intelligence services operating inside Ukraine, including the GRU, FSB, and Foreign Intelligence Service (*Sluzhba Vneshney Razvedki* [SVR]).

### The Powerful Nonstate Actors Behind Each Camp

Oligarchs were as important as Russian or Ukrainian decisionmakers in the early phases of the conflict. A complete analysis requires considering the role of surrogates and powerful nonstate actors in the conflict.

Konstantin Malofeev, a Russian billionaire vested in Orthodox Christian causes, was readily able to fund Strelkov's campaign and the entire movement. He was interested in getting "the Russian Empire back." Strelkov and Borodai, both early leaders of the separatist movement, were his former employees, as was Sergey Aksyonov, who organized the Crimean referendum. In Crimea, Strelkov had complained that he had no official status or support from local authorities and was only able to operate on the basis of his personal relationship with Aksyonov.

It is not known if Malofeev acted as a conduit for Moscow's interests or if he acted independently and later received sanction for his initiative. It made sense for Russia to use private networks of individuals, such as Malofeev, and their connections in Ukraine to achieve its objectives while maintaining deniability. Elements within the separatist movement likely received support from Ukrainian elites, former Yanukovych associates in exile, and other Russian oligarchs, hence, they did not start with a single agenda or unified command.[73]

Kolomoisky, who was made governor of Dnipropetrovsk, sent squads to round up and dispose of any pro-Russian agitators. He funded and equipped volunteer battalions, namely Dnipro-1, along with others, and sent them to Mariupol in Eastern Ukraine. This force was improvised, but it stopped the separatist advance in the city and was the major source of resistance that Strelkov's forces encountered in the early phases. Moscow did not anticipate that Russian-speaking

[73] Shynkarenko, 2014.

elites in Ukraine had strong nationalist sentiments and were willing to defend the country.[74]

Rinat Akhmetov controlled Donetsk's economy and local politics. He was the largest employer in the Donbas, with more than 280,000 workers, and the de facto ruler of Mariupol. In some respects, the Donetsk region was his economic fiefdom. He is still the richest man in Ukraine, valued at $12.5 billion, several times more than other oligarchs.[75] When fighting broke out in Mariupol between separatists and volunteer militias in April 2014, Akhmetov sent thousands of steelworkers from his companies Metinvest and DTEK to take control of the streets and establish order.[76] This was a self-interested action, but it halted fighting in the city, hindering the separatist ambitions and allowing more time for a Ukrainian response.

Akhmetov may have played a critical yet subtle role in the conflict; he had the potential to be the most powerful Ukrainian power-broker. During the early period of popular protests, Akhmetov saw Russia's attempt to push for federalization as a welcome opportunity, as he hoped this would leave him in charge of Donetsk but with a much stronger hand relative to the national government.[77] Those ambitions quickly evaporated, and Akhmetov was sidelined by Russian separatist leaders, forced to enter into a sort of cooperation with them. He controlled the industrial enterprises responsible for much of the economy, while separatists were politically and militarily in charge of the region; neither side could live without the other. Ultimately, Akhmetov could prove to be the long-term victor of this entire war, with the separatist republics returning to Ukraine with some of his most loyal supporters

---

[74] Alan Cullison, "Ukraine's Secret Weapon: Feisty Oligarch Ihor Kolomoisky," *Wall Street Journal*, June 27, 2014.

[75] "The Owner of Donbass, Businessman Rinat Akhmetov Survived the War and Is Preparing to Return to Politics [Хозяин Донбасса Бизнесмен Ринат Ахметов пережил войну и готовится вернуться в политику]," meduza.io, March 25, 2016.

[76] Andrew Kramer, "Workers Seize City in Eastern Ukraine from Separatists," *New York Times,* May 15, 2014.

[77] "The Owner of Donbass, Businessman Rinat Akhmetov Survived the War and Is Preparing to Return to Politics [Хозяин Донбасса Бизнесмен Ринат Ахметов пережил войну и готовится вернуться в политику]," 2016.

installed in leadership roles—a choice that could prove acceptable to both Moscow and Kyiv.[78]

## Russia's Possible Lessons Learned

In this section, we explore the Russian experience in Ukraine and the lessons Moscow may draw on as a result of this operation. These include proportionality of investments versus desired benefits, knowing the target, working with nonstate entities, attracting fighters, and the timing of operations. Admittedly speculative, we review some of the possible lessons below.

### Small Investments Yield Small Benefits

In contrast to Crimea, where Russia executed a quick and successful operation, the separatist movement in Eastern Ukraine seemed to be an improvised effort. Unlike Crimea, Russian efforts in Eastern Ukraine met resistance from the outset and resulted in a sequence of adaptations. These led to a vertical escalation of the conflict, which, by all appearances, Russia wished to avoid, as it would result in a conventional war and necessitate its direct participation. Even the early phases did not involve the concentrated use of Russia's intelligence and military assets. Russia sought to use an economy of force effort, leveraging private networks, business interests, and useful operatives.

While this had the advantage of low cost and deniability, its drawbacks were in effectiveness and predictability. Russia succeeded in destabilizing Ukraine, but the process was fitful and challenging to control. There were two lessons: First, starting an insurgency in a politically and militarily weak neighboring state is not difficult, and, second, such an insurgency does not necessarily translate into national-level concessions. The outcome Russia sought—the federalization of

[78] "The Owner of Donbass, Businessman Rinat Akhmetov Survived the War and Is Preparing to Return to Politics [Хозяин Донбасса Бизнесмен Ринат Ахметов пережил войну и готовится вернуться в политику]," 2016.

Ukraine—was well beyond the scope of the resources it devoted to the insurgency.

The strategy behind Russia's evolving approach focused on minimizing political and geopolitical costs. Russia could have started with conventional war, a quick invasion, and victory over Ukraine's military, but that would have been exercising force far in excess to that required for its objective of destabilizing Ukraine. A military invasion of the Donbas would have profound ramifications for Russia's relationship with the West and an unpredictable domestic reception among Russians. However, Russia precisely mounted a conventional invasion after trying lower-cost options. Russia wanted the Donbas as leverage to gain control over Ukraine's strategic orientation, not to sever it, and sought to pay the lowest price possible to accomplish this.

### Political Warfare Requires Knowing Your Target

Russia's effort at political warfare was based on poor assumptions about Ukraine. While Moscow leveraged the help of some oligarchs for its cause, other nonstate actors blocked Russian efforts. Kyiv eventually proved willing to fight, first at the civil society and eventually at the national leadership level. Russia seized upon a large degree of internal instability, however, at a time of strong nationalist sentiment in Ukraine following the victory of a popular movement. This political operating environment proved unpredictable. Arguably, Ukraine was a difficult target from the outset: the largest country in Europe, with a complex network of nonstate actors, local power brokers, and a diversity of ethnic and linguistic groups. Russia found Ukrainian support for a national identity stronger than expected and the prevalence of pro-Russian or separatist sentiments to be much weaker.

Were Russia to attempt political warfare or launch a state-sponsored insurgency elsewhere, would it follow a similar path as in it did in Ukraine? The answer depends on the overarching objectives. In Ukraine, this approach lent itself to sowing instability but proved incapable of forcing major concessions from the national leadership without escalating to conventional warfare. Perhaps in another former Soviet Republic, with a different set of structural and operational conditions, political warfare would have greater impact.

In that case, the stages of conflict escalation may not be dissimilar, but Russia would be going into this with the Ukrainian experience in mind and a clearer understanding of what political warfare can and cannot accomplish. For several months, Russia was able to deny Ukraine control of the eastern regions, but this campaign was not able to deliver national-level concessions. Moscow did not get the deal it wanted until several conventional battles were won, with the last in February 2015. Moscow may eschew an indirect approach in favor of a conventional operation, which, in the case of Syria, has yielded demonstrable results. The conventional operation, however, lacks some of the advantages of political warfare, which is comparably cheaper, less risky, and deniable.

### Irregular Forces Are Difficult to Control

Russia had too few of its own operatives in Ukraine at the onset of the conflict, especially given the size of the geography. It was not able to control the leaders and irregulars that it had sponsored—powerful personalities with their own ideology and interpersonal conflicts. In the future, Russia may avoid this approach in favor of covert action, backed by conventional forces, which worked in Crimea. By employing paramilitaries, mercenaries, and ideologues, Russia invested in a mess instead of a constructive means to achieve political objectives. Despite several prominent assassinations and dismissals, the conglomeration of personalities and agendas continues to plague the present-day separatist republics.

### Nonstate Actors Matter

Oligarchies are based on the rule of a few elites, which means that the most powerful actors may not be government officials. Thus, in oligarchies, taking on the state is not enough to achieve a political change within it. Oligarchs are independent actors who need to be co-opted or neutralized for political warfare to be successful. If their power remains unaddressed, it may prove to be an insurmountable obstacle and block such efforts as, for example, the spread of insurgency (Kolomoisky and his lieutenants did just that in April 2014). Russia incorrectly focused on the central government in Ukraine, which was weak, and failed

to account for the actions Ukrainian oligarchs might take. The oligarchs helped Ukraine take action against the insurgency and formed a bulwark against rapid expansion of separatist control, albeit for their own rather than the state's interests. Weak states often have powerful nonstate actors and vested interests. Russia's periphery is replete with countries with weak national governments and without functioning institutions but with strong networks of undemocratic elites who could offer surprising resistance.

**Former Soviet Republics Have an Ample Pool of Available Fighters**

Frozen conflicts in the former Soviet Union provide pools of fighters from which Russia may draw. Russia can count on standing fighters in autonomous republics such as Chechnya and perhaps elsewhere in the North Caucasus (e.g., Abkhazia and Ossetia). Russia can hire combat groupings from these regions, where each conflict generates more fighters. The annexation of Crimea helped create volunteers to fight in the Donbas; with thousands of enlisted locals, armed Russian volunteers, and other trained fighters, it has offered a large resource pool for future wars. Russia may not have as many fighters available in the Middle East or Central Asia, but it now has a growing manpower resource for use in future wars. Using such fighters can be advantageous compared with employing regular soldiers: the latter comes with an array of political consequences and international implications, such as deniability concerns, potentially fragile domestic support, political fallouts from casualties, and legal issues.

**Conventional Forces Are Only a Temporary Deterrent**

Russia deployed a large number of military personnel on Ukraine's borders, but this conventional threat lost effectiveness as a deterrent over time. A Royal United Services Institute report in April 2014 estimated that 48,500 troops in maneuver units alone were positioned near the Ukrainian border, with perhaps 94,000 if counting support units. This was a consideration that would weigh heavily on Ukrainian decisionmakers and affect advice provided by the West to politicians in

Kyiv.[79] However, by May, it was increasingly doubtful that Russia had the intention to conduct a large-scale conventional invasion; by end of June, the Russian Parliament revoked the authorization to use force. That decision ended the utility of conventional forces for intimidation.

The initial impact of Russia's large military deployment was a diffusion of Ukrainian defense efforts but in summer 2014, this effort failed to discourage the launch of the Anti-Terrorist Operation to retake separatist-held cities. In early March and April 2014, Ukraine hastily shifted units from the west to the east, but not necessarily to the combat zone. Still fearing Russian invasion, Ukraine has built miles of trench lines along its border to the north, far from the Donbas or any place of fighting.[80] Overall, the threat of an invasion worked for Russia in Crimea, but not in Eastern Ukraine. Moscow likely walked away with an understanding that the window of time for using its conventional force to distract and deter a military response is quite narrow. It has potent coercive power, but the effect dissipates quickly if the force is not used.

### Political Timing Is Important

A government turnover in Kyiv resulted in public outrage, anxiety, and protests in the east. Russia sought to act before the Ukrainian state could politically consolidate itself after the Maidan demonstrations. In retrospect, it may have been prudent for Russian leaders to wait and see, taking time to plan their actions, but Moscow saw Ukraine as vulnerable and likely did not wish to allow political cohesion to take place. This unusual situation may recur in any of Russia's autocratic neighbors should there be a poorly managed political transition or internal crisis.

Was internal instability absolutely necessary for Russia to launch a campaign of political warfare? No, and the history of the Cold War is replete with the United States and Soviet Union using political warfare

---

[79] Igor Sutyagin and Michael Clarke, "Ukraine Military Dispositions, The Military Ticks Up While the Clock Ticks Down," Royal United Services Institute Briefing Paper, April 2014.

[80] Thomas Barrabi, "'Great Wall of Ukraine' Is 'a Priority,' Petro Poroshenko Says: Donbas Defense Construction Set for April," *International Business Times*, March 27, 2015.

toeffectchangeincountriesthatotherwise would havebeenstable.The Ukrainian experience suggests that while Moscow seized the advantage during a time of national vulnerability for Ukraine, it may have also behooved Russian leaders to wait and construct a morethoughtful, less improvised plan for handling their neighbor.

## Russia's Operational Shortcomings

While Russia achieved its overarching goal of destabilizing Ukraine and imposing a peace settlement that is favorable to Moscow's position in this conflict, the campaign in Eastern Ukraine illustrated numerous operational shortcomings for Russia. It failed to achieve the leverage necessary without resorting to conventional war and outright invasion, while its strategic impact remains inconclusive, as the conflict is still unsettled. In the next section, we review some of the operational mistakes that hindered the campaign's success.

### Russia Struggled to Control Political Warfare

The events from protests in March to direct action in April indicate that Russia's intelligence apparatus struggled to manage the various moving pieces within its political-warfare campaign. Russia thought it could maintain control over the disparate elements but struggled to manage the groups, their leaders, and competing agendas. In some instances, Moscow appeared to be sponsoring more than controlling the movement; its grip was challenged by the existence of other actors. Strelkov, for example, expected that, once his fighters seized Slovyansk in mid-April, Russia would intervene militarily as it did in Crimea.[81] The expectation of a Crimea scenario is a common thread that runs through expectations on both sides of the conflict. Moscow clearly had other plans and sought to avoid an overt military invasion. Russia would later make major changes to reassert control over the separatists in late May and again in July by removing Strelkov and Borodai.

[81] "Crimea and the Kremlin: From Plan 'A' to Plan 'B' [Крым и Кремль: от плана 'А' к плану 'Б']," Radio Liberty, October 27, 2015.

The interaction among Russian intelligence, business interests, and Ukrainian oligarchs was also convoluted and merits more investigation. Rinat Akhmetov, for example, clearly sought to play both sides, was sidelined, and has reemerged as still the strongest nonseparatist powerbroker in the region.

Moscow is, no doubt, capable of launching a gray-zone or ambiguous conflict, but Ukraine indicates that it may be unable to control the course of such a war, particularly in the short term. It is impossible to say if Russian leaders will conclude that the attempts at political warfare and irregular warfare in Ukraine were ill-conceived or poorly executed—possibly both. If the purpose was to avoid escalation to a conventional war, then the operation failed. Moscow may conclude that repeating such an operation is too fraught with risk and unpredictability. However, Russia more likely will use the lessons from Ukraine to refine how it goes about political warfare, particularly where use of conventional force is prohibitive. Undoubtedly, the Ukraine case offers a significant amount of data and experience for Russia's military and civilian intelligence services: GRU, FSB, and SVR.

### Russia Was Ineffective at Inspiring Separatism

Unlike calls for federalization and autonomy, the separatist movement, bannered as Novorossiya, did not gain traction with the population. Despite efforts to brand it and to infuse the movement with historical legitimacy, the Ukrainian public remained unenthusiastic. Instead, the information campaign was most effective on the Russian population, popularizing the mission of the separatists and endowing them with a purpose. As the separatist movement encountered resistance, Russia found itself without good options other than steady escalation. Naturally, Russia found it easier to enlist those among its population who were ideologically inclined for nationalist or religious reasons to fight in Ukraine, rather than convince Ukrainian citizens to embark on what would effectively be a civil war.

### Poor Assumptions Guided Moscow's Strategy

Moscow's approach appeared to be based on several false assumptions founded in historical views of Ukraine and in the remarkable success

of operations in Crimea. The annexation of Crimea was an easy operation for Russia but also, as noted, likely an experience that could be difficult to repeat. By contrast, Russia's campaign in Eastern Ukraine was one of adaptation and perpetual adjustments. Russia appeared to assume that:

- It could exploit divisions between Eastern and Western Ukraine.
- Russian-speaking populations in Eastern Ukraine did not value a Ukrainian identity and would support separatism.
- Russian speakers in Ukraine would not resist pro-Russian movements or defend the new Ukrainian government because it represented Western Ukrainian interests.
- Ukraine was a failed state that was incapable of effective government response to a security challenge.
- Ukraine would not be able to muster an effective military response.

### Hybrid War Was a Brief Adaptation in This Conflict

Some Western analysts characterized the campaign in Eastern Ukraine as a hybrid war; this perspective is incorrect. Rather, the conflict from February to August cycled through four different types of warfare: political, irregular, hybrid, and conventional. There are no indicators that Russia intended to conduct a hybrid war, despite arguments in some circles that such a doctrine and approach exists within the thinking of the General Staff of the Armed Forces of the Russian Federation. Little about the early days of the conflict in Ukraine is indicative of the supervision and involvement of the General Staff. Russia's selection of tactics was not doctrinally driven but, rather, it was a series of improvised responses to Ukrainian resistance.

Although the conflict cannot be neatly separated, there was a brief but important period from May 26 (First Battle of Donetsk Airport) to August 24 (Russia's conventional invasion) in 2014, during which Russia employed a hybrid approach. The integration of irregular fighters, conventional capabilities, and regular Russian units in summer 2014 seems to have been an effort to bridge the desire for vertical escalation with low costs and deniability. By late August 2014, these attempts visibly had failed, resulting in a conventional inva-

sion by regular Russian units. Subsequently, Russia chose to turn the separatist forces into a conventional army mirrored on Russia's own force, which can be read as Moscow's verdict on the utility of hybrid approaches in Ukraine. Hybrid approaches did not disappear from the battlefield, just as information warfare did not cease to be employed, but they became relatively inconsequential to the large presence of conventional forces engaged in what became classical position and maneuver warfare. Ukraine is a case study not in pioneering new nonlinear approaches but in the failure of hybrid warfare to deliver the desired political ends for Russia.

## Conclusion: Implications and Effects

Russian leaders sought to pay the lowest price possible for destabilizing Ukraine and gaining major political concessions from the interim government during a time of crisis. The cycle of escalation reflects an attempt to bid low in an effort to insert instability, and then press for a federalization scheme. Russia seems to have acted on ill-formed assumptions and in doing so, underestimated the costs and instigated a chaotic campaign of warfare with the intention of staying below the conventional threshold. The policy imperatives in Ukraine were such that Russian leaders proved eventually willing to pay a high political, economic, and military price.

Russia remains unable to freeze the conflict on the terms it achieved in Minsk II, but in many respects, this effort proved effective in establishing a point of influence over Ukraine's domestic and international affairs. It is difficult to deny the importance of this unsettled conflict in Eastern Ukraine. A war, and a host of fighters on Ukrainian territory that Russia can control, has important ramifications for Kyiv's hopes of moving the country into NATO or the EU. Of course, the future is far from certain.

Some would argue that, as a consequence of the conflict, Russia has galvanized Ukrainian public opinion and political discourse in a decidedly Western direction. This assertion could be correct, but the geopolitical implications of a Western shift are uncertain. Ukraine was

allegedly on such a path following the Orange Revolution in 2004, which failed to deliver. Indeed, the Orange Revolution eventually resulted in the election of Yanukovych, the same president who was forced to flee after the Maidan protests of 2013–2014. These political forces and even the same individuals who participated in that movement's collapse ten years ago are still very much involved in Ukrainian politics today. Hence, the future of Russian influence depends on how, and if, the Minsk agreements are implemented, along with whether or not Ukraine's political leadership is able to reform the country and break with its oligarchic past.

CHAPTER FOUR

# Conclusion

This report aimed to explore what occurred during the annexation of Crimea and the early days of the conflict in Eastern Ukraine. As part of the research into these events, we looked at tactics, intentions, and important factors that contributed or detracted from Russian operations. We also investigated the relevance of information warfare and the important social, historical, and political contexts in which it evolved. This report attempted to draw lessons and conclusions about what Russian military and political leaders may have learned from the successes and failures of operations in Crimea and Eastern Ukraine. At the same time, because a variety of nonsystemic factors contributed to Russian decisionmaking on Crimea and Eastern Ukraine, we have refrained from drawing wider conclusions about a Russian model or doctrine of warfighting.

Russia's operation to annex Crimea represented decisive and competent use of military force in pursuit of political ends. Although the political steps toward annexation appeared clumsily managed, Russia was able to seize the territory of a neighboring state with speed and mobility, deploying a nimble and professional force, while using its conventional superiority as an operational distraction. The political maneuvering on the peninsula during the invasion suggests that it may have been launched without a predetermined political outcome in mind. Russia likely sought to seize Crimea, and then evaluated its political options depending in part on how the intervention was received at home and abroad.

There was no tailored information-warfare element for Crimea, and the information warfare that Russia did wage is difficult to assess as a decisive element relative to the actual use of force. Information operations and their influence on Russian-speaking Crimeans were a by-product of the domestic campaign being waged inside Russia to manage public opinion and ensure approval. In Crimea, both the information war and the operation as a whole benefited greatly from several missteps by Ukrainian leadership and the pervasive sense of public anxiety after the ouster of Yanukovych. Russia took advantage of these sentiments in a predatory manner, fueling public fears of right-wing violence.

Russia's operations in Crimea also benefited from a series of highly favorable circumstances—political, historical, geographical, and military—that limit this case from serving as a model for similar operations in the future. Many unknowns remain about Russia's military capabilities after the reforms and modernization program launched in 2009. Given Ukraine did not resist and only a small, distinctly capable slice of the Russian force was used, it is impossible to make broader assumptions about the state of the Russian army based on this episode. Moscow did demonstrate effectiveness in using deception and surprise, but its greatest success was capitalizing on Ukrainian weakness, missteps, and slow or ineffectual decisionmaking.

There is little basis for generalization from Crimean operations about Russia's doctrine or preferred method of waging war. This was a covert operation that resulted in a conventional invasion. Despite limitations in analysis, we can infer a good deal about the performance of elite or special forces, along with mobility, lift, and communications. The integration of national decisionmaking with the deployment of the military and the speed of that command chain is noteworthy.

Some of the political and societal conditions and economic factors that were present during the events in Ukraine may be found elsewhere in the former Soviet Union, but certainly not all. It is difficult to envision the same combination of political, military, and geographical circumstances intersecting to create another similar situation. The unanswered question is whether or not all such conditions are required for Russia to pursue a similar outcome elsewhere. The experience in

Eastern Ukraine lends credence to the notion that, when offered resistance and when less suitable conditions prevail, operations become more iterative, escalatory, and far less surgical.

In Crimea, Russia achieved quick success through direct application of military power, while in Eastern Ukraine, its leadership took an entirely different approach. There, Russia sought to negate the strategic impact of the victory of a pro-Western uprising in the capital and retain influence in Ukrainian regions by engaging in political warfare. Moscow hoped a grassroots anti-Maidan movement—comprising local elites, opportunists, and a network of provocateurs—could force the new government in Kyiv to devolve power to the regions and federalize the country. Oligarchs and vested interests provided networks for access to Ukraine and served as enablers for such an approach. Ultimately, Russia sought Ukraine's destabilization and hoped to force a federalization scheme on the country. Moscow leveraged private networks, some with their own agents, in the hopes of accomplishing this goal at low cost and with plausibledeniability.

As sponsored political upheavals met resistance, Russia undertook more direct action in hopes of inspiring a broader insurgency in Ukraine and accomplishing the same objectives by leveraging limited use of force. These events began concurrently with the annexation of Crimea but followed an entirely different scheme. As operatives seized Ukrainian security forces' infrastructure, Russia could have pursued a conventional invasion, but instead Russian leadership did not appear to seek the annexation of the Donbas. This surprised the separatist leaders, who assumed that Russia intended to replicate the Crimean annexation on a larger scale and had hoped for such an outcome. There was to be no replication of the Crimean approach to Eastern Ukraine.

Moscow attempted to spread the insurgency but keptits objectives limited to instability and undermining the interim Ukrainian government. It did not seek to annex the Donbas because the region was useful to Russia primarily if it remained an unstable part of Ukraine that Russia controlled. If Russia annexed it, then it would assume all the financial responsibility for it and sacrifice the region's strategic value to influence Ukraine. While Donbas may de facto be fully under Russian control today, for Russia, bearing responsibility for Donbas is

undesirable. According to the Minsk II agreement, which remains the only framework for settling the conflict, the Donbas and its associated costs will be returned to Ukraine. Attempts to seize control were ultimately a tactic in a strategic bargaining game. The entire Russian effort in Eastern Ukraine could be characterized as an ineffectually implemented—and perhaps ill conceived—campaign to gain leverage over the central government and the country's long-term strategic orientation.

Russia's information war in Eastern Ukraine polarized the population, but ultimately Ukraine proved infertile ground for separatism. Moscow's information campaign achieved partial success in conjuring a historical and justifiable cause for the separatist movement (Novorossiya) that would attract Russian volunteers at home. However, this too was a failure, since it did not scare Ukraine's leaders and was promptly abandoned by Moscow. Russia's efforts in Eastern Ukraine may have failed in part because of false notions about Ukrainian society, along with poor planning for dealing with nonstate actors. Russia was not able to effectively control the disparate elements involved in its efforts. Moscow devoted an increasing amount of resources to the conflict, ultimately escalating it to a conventional war with its own regular units in the lead.

It is difficult to say what the Russian leaders and national security establishment took away from the Ukrainian experience. Do they view it as a mixed success, the costly outcome of a messy operation? No doubt, given the high levels of popularity and public support at home, Russian leaders may consider Crimea to have been worth it: a clean demonstration of Russian power with tangible gains. Russian leaders likely walked away from Crimea seeing it as a highly effective operation, but one that could not be easily repeated elsewhere. Meanwhile, Eastern Ukraine achieved some strategic objectives but was marred with operational failures, and it is highly doubtful Moscow would want to reproduce the situation elsewhere. Russia still stands to achieve its primary objectives, but at a much higher cost than desired and through a painful cycle of adaptation.

If Russia seeks to spread instability to other neighboring states, then it may seek to use an adapted version of its approach in Ukraine.

Valery Gerasimov, the current head of the General Staff, wrote in his famous 2013 article that each conflict requires the formulation of its own logic.[1] That frame of mind is likely to persist in the Russian military establishment. Ukraine offers lessons, but not necessarily models. Gerasimov's article commented on the modern nature of warfare, rather than outlining a particular doctrine or institutional approach. There is nothing here to suggest that the Russian military sees the utility of a Crimea- or Eastern Ukraine–type approach against a NATO member.

There is undoubtedly some broader applicability to other former Soviet Republics with Russian-speaking populations. In these regions, such as Belarus or Kazakhstan, Moscow may feel it has a larger stake. Russian interests in its near abroad may compel a similar or modified intervention in the event of a political crisis or overturn of friendly leadership, and enabling factors that were found in Ukraine are at least partially present elsewhere in the former Soviet Union. However, Russia's seizure of Crimea and invasion of Eastern Ukraine may have instigated preparations among its neighbors that would render such operations more complex to conduct in the future. If Russia draws lessons from its experience in Ukraine, so will other countries on its periphery, and they will become more wary and implement reforms to reduce their chances of suffering a similar fate.

---

[1] Valery Gerasimov, "The Value of Science in Prediction," *Military-Industrial Courier,* February 27, 2013.

APPENDIX A

# Information Campaign

This appendix provides an outline of Russian messaging during both campaigns. It offers further details about the content of Russian messages, tools or mechanisms used for propagation, and other notable aspects of the information warfare component to these operations.[1]

## I. Main Themes

### 1. Crimea-Specific Messaging

- Land historically belonged to Russia.
- The acquisition of Crimea by Ukraine in 1954 was a historical mistake.
- KrymNash ("Crimea Is Ours" [КрымНаш]) campaign.
- Ethnic Russian and all Russian-speaking populations of Crimea are under severe ultra-nationalist threat.
- In no way was Russia involved in events in Crimea; the referendum was initiated and carried out by the people of Crimea.
- Crimean soldiers voluntarily gave up their weapons and pronounced their allegiance to Russia.
- Bright images of oppressed "Russian population," "Berkut" heroes, "polite green men."

[1] This appendix is a compilation based on research conducted by Katya Migacheva and research assistant Andriy Bega in 2015.

**2. Maidan Uprising**

- The West orchestrated the uprising.
- Majority of protesters were violent anti-Russian ultra-nationalists.
- Yanukovych fled as a result of a violent coup d'état against his government; the new government of Ukraine is illegitimate.
- Signing the association agreement would betray Ukraine's relationship with Russia.
- Signing the association agreement would have devastating consequences for Ukraine.
- In fear for their lives, hundreds of thousands of Russians fled Ukraine.
- Maidan revolution is fascist, nationalist, and anti-Semitic.

**3. Weakening Ukraine as a State**

- Ukraine is an economically failed state.
- Ukraine is an artificial state that did not exist before 1991.
- The Ukrainian language is nothing more than a combination of Russian and Polish.
- Ukraine has no viable future without Russian subsidies and patronage.

**4. Vilifying Ukraine as a State**

- The Ukrainian government acts in the interests of the United States and other foreign powers.
- The Ukrainian government is overrun by violent ultra-nationalists.
- The pro-European population of Ukraine are ideological descendants of Nazi supporters and fascists.

**5. Glorifying Russia**

- Russian history and tradition necessitate its own Russian Path—a unique approach to human rights and development trajectory.

- The fall of the Soviet Union was a disaster of global proportions.
- Russia constitutes the center of the Slavic/Orthodox world.
- Russia is the principal fighter of fascism.
- Russia stands for truth and against the world domination and hegemony of the United States.
- Russia bears the responsibility of protecting Russian diaspora (*Russkiy Mir*) everywhere.
- Russia has finally gotten off its knees and mustered strength to resist the greedy and self-serving policies of the West.

### 6. Strengthening Russia

- Updated Military Doctrine (2010)
- Announcement of the new Military Doctrine (January 2015).

### 7. Identifying Internal Enemies

- Opposition is betrayal.
- Search for the "fifth column."

### 8. Weakening the West

- The morality of the Western world fundamentally differs from the morality of the Russian people.
- European countries are gravely dependent on Russia for gas and import-export relationships.
- The time of Western civilization is decadent and has come to an end: It is rotting from the inside.
- Western countries and the United States are simply displeased and afraid of Russia's rising power, hence their reaction to its actions and their isolationist policies.

### 9. Vilifying the West

- Western countries, and especially the United States, are the core orchestrators of the events in Ukraine.

- NATO expansion and limiting Russia's capabilities are the main motivations for the actions of most countries in the EU, the United States, Canada, and Australia.
- The United States is pressuring European countries to continue sanction policies against Russia.

## II. Main Tools

### 1. Media Channels

- Russia-controlled television channels in Russia, Ukraine, and the West
  - news reports
  - talk shows
  - documentaries and "special reports."

- Internet news sites based in Russia, Ukraine, and the West
- social-media blogs and communities
- Print newspapers based in Russia, Ukraine, and the West
- Leaflets and printed materials distributed at events
- Billboards during the Crimea referendum.

### 2. Speakers

- Vladmir Putin, Sergei Lavrov, and other Russian politicians and experts
- Ukrainian politicians and experts
- Pro-Russian organizations and political parties in Ukraine
- Western politicians and experts from Europe and the United States
- Local protest leaders
- Regular citizens and "professional" protest participants
- Celebrities and intelligentsia.

### 3. General Tone and Methods

- Undermining legitimacy of Ukraine's government
- Creating sense of threat and emergency
- Manipulating historical facts and memory
- Strong emotional emphasis, combined with fact manipulation, misinformation, and half-truths
- Oversimplifying the reality — "one big dividing line in Ukraine"
- Creating ambiguity.

### 4. Oppressing Alternative Views

- Almost absolute media control in Russia
- Harassment of journalists during events in Ukraine
- "Trolling" of alternative media or opinions.

APPENDIX B

# Timeline (February 18–May 31, 2014)

- February 18–20: Severe violence in Kyiv: about 100 shot and more than 300 missing.
- February 20
  - Ukrainian Parliament orders a ceasefire in Kyiv.
  - EU sanctions against Yanukovych and other politicians responsible for violence.

- February 21
  - Opposition leaders and Yanukovych sign a settlement agreement mediated by Russia (which declined to sign the document), France, Germany, and Poland. The agreement stipulates that early presidential elections will take place in December 2014, a national unity government will be created by early March 2015, and Ukraine will return to its 2004 constitution.
  - Protesters contest the agreement and demand immediate snap presidential elections and immediate return to 2004 constitution.
  - Yanukovych and a large number of his party members flee to Russia through Eastern Ukraine.

- February 22: Ukrainian Parliament impeaches Yanukovych and returns to 2004 constitution.
  - Yanukovych denies impeachment, claims he remains president of Ukraine, and has no intention of resigning.
  - Putin condemns Yanukovych's impeachment and supports the "ousted president."

  - U.S. and European leaders support the people of Ukraine and its Parliament's decision.
  - Former Ukrainian Prime Minister Ioulia Tymochenko is released from prison.

- February 23
  - Ukrainian Parliament appoints interim president Turchynov and decides to hold snap presidential elections on May 25.
  - Ukrainian Parliament repeals 2012 law on the principles of the state language policy.

- February 25: Thousands of pro-Russian protestors rally in Sevastopol in favor of greater autonomy from Ukraine and closer ties to Russia; Pro-Russian businessman Alexei Chaliy is "appointed" as mayor.

- February 27
  - Ukrainian Parliament votes for the interim government; Yatsenyuk becomes prime minister.
  - "Polite military people," also known as "green men," take over the Council of Ministers and the Parliament of the Autonomous Republic of Crimea.
  - In an "emergency session," the Crimean Parliament dismisses Crimean Prime Minister A. Mohylyov and "appoints" V. Aksenov in his place.[1]
  - Russian forces occupy strategic facilities in Crimea and carry out the blockade of the Ukrainian army and fleet, roads, and airports to prevent interference from Ukrainian authorities. Some military and law-enforcement agencies defect to the Russian side.

[1] The legitimacy of the vote is dubious as the Parliament's "emergency" meeting was held in a building surrounded by the "green men" in the absence of a Parliament quorum and Aksenov's party had received less than 4 percent of the votes in the 2010 Crimean Parliament elections. As a result, Ukraine's General Prosecutor Office immediately stated that the decisions of the new Crimean government were unconstitutional and illegal.

- February 28: Acting Ukraine President Turchynov vetoes Parliament repeal of 2012 law on the principles of the state language policy; Russian language retains its status as regional language.

- March 6
  - Ukrainian television channels are shut down in Crimea and Internet connections are interrupted.
  - Crimean Parliament sets a "referendum" to determine the future of Crimea on March 16.
  - Behind closed doors and with some ministers of Parliament not allowed to participate, the Parliament of Crimea "votes" to secede from Ukraine and join Russia and "asks" Russia to "launch the procedure of Crimea becoming part of Russia."
  - Crimean government sets to create new government ministries independent from Kyiv and announces plans to take ownership of all Ukrainian state-owned enterprises on Crimean territory.
  - Russia begins preparations for annexation of Crimea.
  - The United States announces sanctions "on individuals and entities responsible for violating the sovereignty and territorial integrity of Ukraine."[2]

- March 11: Crimean Parliament "declares" Crimea independence from Ukraine.

- March 13
  - Clashes take place between several hundred of pro-Kyiv demonstrators with pro-Moscow protestors in the Eastern Ukrainian city of Donetsk, resulting in the death of one pro-Kyiv protester and at least another dozen injured.
  - Russia's Defense Ministry announces that military exercises involving thousands of troops in the Rostov, Belgorod, Kursk, and Tambov regions bordering Ukraine will continue through the end of March.

[2] U.S. Department of State, "Ukraine and Russia Sanctions," undated.

  - Ukrainian Parliament votes to create a new National Guard of 60,000 men recruited from the Maidan and Ukrainian military academies.

- March 15
  - Russian troops occupy a natural gas distribution center near Strilkove, on a strip of land outside the Crimea peninsula (Kherson Oblast).
  - Russia is the only country to veto the United Nations Security Council Resolution on Ukraine.

- March 16: Crimean "referendum" takes place with no access to independent observers, under the threat of armed "green men" and militia in the streets and polling locations, who intimidate pro-Kyiv groups, including Crimean Tatars (who, along with Ukrainians, boycotted the "referendum"). Because Ukrainian authorities refuse to share voters list, the "referendum" uses an ad-hoc voters list. Voter participation is estimated at 30–50 percent, but Crimean authorities report an 83-percent participation rate.

- March 17
  - Results of the "referendum" show 97 percent of voters in the referendum reportedly favored Russia.
  - The EU and the United States sanction Russian officials.
  - Putin recognizes Crimea as sovereign state.

- March 18
  - Putin, Crimean "Prime Minister" Aksyonov, Chair of the Crimean Parliament Konstantinov, and "Mayor" of Sevastopol Alexey Chaly sign a treaty on "reunification of Crimea with Russia."
  - One Ukrainian solider is killed and another wounded during a confrontation while Russian military forces and pro-Russian militia storm a military base in Simferopol, Crimea.

- Ukrainian Ministry of Defense authorizes the use of deadly force by the Ukrainian military in cases of self-defense.

• March 19
- Ukrainian National Security Council announces evacuation of all 25,000 of Ukraine's military personnel from Crimea to mainland Ukraine.
- Approximately 300 Crimean "self-defense" forces and "green men" seize and raise the Russian flag over the headquarters of the Ukrainian navy in Sevastopol and another naval base. Ukrainian military personnel leave the base while Ukrainian Rear Admiral Gaiduk is detained as hostage and released later that day after Ukraine's Acting President's ultimatum.

• March 20: The EU expands its sanctions against Russian officials and U.S. President Barack Obama announces additional sanctions.

• March 21: Putin signs laws formally "admitting Crimea to Russian Federation."

• March 22
- Russian armed forces, supported by armed militia, take control of Belbek airbase in Crimea in an assault that injures one Ukrainian military officer.
- Pro-Russian protestors rally in Donetsk in favor of greater autonomy within Ukraine for the eastern regions, the return of former president Yanukovych to power, early local and regional elections, and a referendum on the future of the eastern region.
- Beginning of the six-month special monitoring mission from the Organization for Security and Cooperation in Europe in Ukraine.

• March 24
- Russian forces seize another naval base in eastern Crimea, resulting in two Ukrainian servicemen wounded and more than 50 detained.

- The Ukrainian government orders its troops to pull out of Crimea.

- March 27
  - International Monetary Fund announces an agreement to provide up to $18 billion in loans in return for tough economic reforms and to prevent the country's default.
  - In a 100 to 11 vote (including 58 abstentions), the General Assembly of the United Nations adopts a measure calling the "referendum" in Crimea invalid.

- March 28
  - About 2,000 Right Sector members rally outside of the Ukrainian Parliament, demanding a full investigation of the death of one of their leaders and the resignation of the interior minister.
  - Russian State Duma unilaterally renounces Russian-Ukrainian Naval-Base-for-Gas treaty signed in 2010.

- April 1
  - In a unanimous vote, the Ukrainian Parliament passes legislation that orders the Ministry of Interior and the Special Services to immediately disarm the illegal groups, including the ultranationalist Right Sector and others throughout Ukraine.
  - NATO suspends all civilian and military cooperation with Russia.
  - Gazprom eliminates a discount on natural gas imports given to Ukraine in November 2013, raising the price from $268.5 to $385.5 per 1,000 cubic meters.

- April 3: Gazprom announces that it will end the 2010 gas discount agreement with Ukraine, resulting in a price increase to $485.5 per 1,000 cubic meters.

- April 5: Ukraine's interim Prime Minister Yatsenyuk rejects Russia's gas price hike and blames Moscow for "economic aggression," resulting in a new "gas war" between Ukraine and Russia.

- April 6
  - In Donetsk, pro-Russian activists storm the regional government building and demand that the Donetsk Oblast vote to authorize a referendum on allowing the "Donetsk Republic" to join Russia.
  - In Luhansk, separatists surround the regional SBU, break into an armory room, and seize guns.

- April 7: Pro-Russian activists in Donetsk proclaim the region's independence from Ukraine, the creation of the DNR, and set May 11 for a "referendum" that would allow the region to become part of the Russian Federation.

- April 8: Ukrainian forces conduct an "antiterrorist" operation by in the eastern city of Kharkiv after pro-Russian protestors seized a local government building. They retake the seat of the regional administration, and arrest approximately 70 separatists, seizing their weapons.

- April 12: Pro-Russian forces take control of security facilities and weapons in Slovyansk, Kramatorsk, and Druzhivka, while an additional attack is turned back in Krasnyi Lyman; unrest in Donetsk continues.

- April 14: Pro-Russian protesters seize the police headquarters in the Eastern Ukrainian city of Horlivka and raise the Russian flag.

- April 15: The Ukrainian military and special police forces begin "antiterrorist operations" in Eastern Ukraine to oust pro-Russian forces that are occupying government buildings and security facilities.

- April 19: Kyiv authorities suspend "antiterrorist operations" during the Easter holiday.

- April 20: The *New York Times* publishes photographs provided by the Ukrainian government to the Organization for Security and

Cooperation in Europe that show direct Russian military involvement in Eastern Ukraine.

- April 21: The United States announces a $50 million assistance package for Ukraine.

- April 22: The bodies of two men, including one local politician supportive of Kyiv, showing signs of torture are found outside of Slovyansk, prompting interim Ukrainian President Turchynov to call for the resumption of antiterrorist operations by Ukrainian forces.

- April 23
  - Ukrainian military retake Sviatogirsk from pro-Russian fighters.
  - "Emergency talks" on natural gas supply begin between Russia and Ukraine.

- April 24
  - Ukrainian forces take back the city hall in the Black Sea town of Mariupol from pro-Russian separatists.
  - Ukrainian forces clash with pro-Russian militants in Slovyansk and Artemivsk.
  - Russia orders its forces along the border with Ukraine to engage in military exercises.

- April 25: Pro-Russian forces in Slovyansk seize a group of seven international observers tied to the Organization for Security and Cooperation in Europe as well as five Ukrainian army personnel and their driver.

- April 26: Russian fighter jets violate Ukrainian airspace seven times.

- April 28
  - Gennady Kernes, the mayor of the Eastern Ukrainian city of Kharkiv and an ally of Yanukovuch, is shot in an apparent assassination attempt.
  - The United States announces a new set of sanctions against seven additional Russian government officials and 17 companies with ties to "Putin's inner circle."

- April 29: In Luhansk, pro-Russian separatists open fire on a police station, take the headquarters of the Luhansk regional government, and gain control of the regional prosecutor's office and television headquarters.

- April 30
  - International Monetary Fund board approves a two-year $17 billion aid package for Ukraine.
  - In the city of Horlivka, north of Donetsk, "green men" with automatic weapons occupy the city council building.
  - As a response to the threat of Russia starting a war against mainland Ukraine Ukraine's Acting President places the armed forces on "full combat alert."

- May 2
  - Reported attempt of Russian armed fighters to cross Ukrainian border.
  - Fans of Odessa football club Chornomorets and Kharkiv club Metalist march after the match For United Ukraine under the protection of the local police. Pro-Russian separatists attack the fans. In the ensuing battle, pro-Russian separatists retreat to the Trade Unions house, which is lit on fire, resulting in 42 deaths.

- May 7: Putin announces that Russian troops pulled back from Ukraine's border (NATO sees no signs of pull back).

- May 9: Putin visits Crimea.

- May 11: Eastern rebel-held regions held a referendum to vote on whether or not these provinces should be given more autonomy.
- May 14: In Antratsyt, separatists hold meeting against Ukrainian presidential elections.
- May 17: All-Ukraine unity dialogue in Kharkiv.
- May 18: Pro-Russian meeting in Odessa gathers about 300 people.
- May 25: Ukrainian presidential election results in Petro Poroshenko's victory.
- May 26: Ukrainian military defends Donetsk Airport from separatist attack.
- May 31: Pro-Russian separatists meet in Donetsk.

# References

"8 Thousand Ukrainian Officers Have Defected to the Separatists," meduza.io, August 14, 2015. As of July 22, 2016:
https://meduza.io/en/news/2015/08/14/8-thousand-ukrainian-officers-have-defected-to-the-separatists

Amos, Howard, "Ukraine: Sevastopol Installs Pro-Russian Mayor as Separatism Fears Grow," *Guardian*, February 25, 2014. As of November 6, 2015:
http://www.theguardian.com/world/2014/feb/25/ukraine-sevastopol-installs-pro-russian-mayor

"Anti-Constitutional Coup and Seizure of Power—President Gave an Assessment of What Happened in Kiev [Антиконституционный переворот и захват власти—Президент РФ дал оценку тому, что произошло в Киеве]," Channel One [Смотрите оригинал материала на], March 4, 2014. As of July 28, 2016:
http://www.1tv.ru/news/polit/253452

"Armored Vehicles with an Inscription in Kiev and Lviv 5.07," YouTube video, July 6, 2014. As of July 22, 2016:
https://www.youtube.com/watch?v=Kq4eu7Wck7I

Balmforth, Tom, "A Guide to the Separatists of Eastern Ukraine," Radio Free Europe/Radio Liberty, June 3, 2014. As of July 28, 2016:
http://www.rferl.org/content/ukraine-separatists-whos-who/25408875.html

Barrabi, Thomas, "'Great Wall of Ukraine' Is 'a Priority,' Petro Poroshenko Says: Donbas Defense Construction Set for April," *International Business Times*, March 27, 2015. As of July 28, 2016:
http://www.ibtimes.com/great-wall-ukraine-priority-petro-poroshenko-says-donbas-defense-construction-set-1862040

Basora, Adrian A., and Aleskandr Fisher, "Putin's 'Greater Novorossiya'—The Dismemberment of Ukraine," Foreign Policy Research Institute, May 2014. As of November 6, 2015:
http://www.fpri.org/articles/2014/05/putins-greater-novorossiya-dismemberment-ukraine

Bidder, Benjamin, "Russian Far-Right Idol: The Man Who Started the War in Ukraine," Spiegel Online International, March 18, 2015. As of November 6, 2015: http://www.spiegel.de/international/europe/the-ukraine-war-from-perspective-of-russian-nationalists-a-1023801.html

Bigg, Claire, "Vostok Battalion, A Powerful New Player in Eastern Ukraine," Radio Free Europe/Radio Liberty, October 27, 2015. As of November 6, 2015: http://www.rferl.org/content/vostok-battalion-a-powerful-new-player-in-eastern-ukraine/25404785.html

Bloom, Dan, "Satellite Photos Expose 40,000 Russian Troops, Tanks, and Fighter Jets Massed Near Ukraine's Borders as NATO Warns Kremlin Could Order Invasion Within 12 Hours," *Daily Mail*, April 10, 2014. As of November 6, 2015: http://www.dailymail.co.uk/news/article-2602132/U-S-troops-sent-Eastern-Europe-NATO-countries-feeling-threatened-Russia-Ukraine-conflict.html

bmpd (user), "Moving Troops of the Ukrainian Navy in the Russian Armed Forces After Leaving Crimea [Переход военнослужащих ВМС Украины в Вооруженные Силы России после оставления Крыма]," Livejournal blog, March 5, 2016. As of July 15, 2016: http://bmpd.livejournal.com/1774409.html

Bobrova, Irina, "Igor Strelkov: How a Book Boy Became the Commander of the Militia of Donbas [Игорь Стрелков: как книжный мальчик стал командующим ополчением Донбасса]," *Moskovskiy Komsomolets*, May 28, 2014. As of November 11, 2014: http://www.mk.ru/social/2014/05/28/igor-strelkov-kak-knizhnyiy-malchik-stal-komanduyuschim-opolcheniem-donbassa.html

Bradshaw, James, "MH17: Ukraine Rebels Find a Gathering Place on VKontakte," *Globe and Mail*, July 18, 2014. As of November 11, 2014: http://www.theglobeandmail.com/news/world/mh17-ukrainian-rebels-find-gathering-place-on-vkontakte/article19682633/

Bugriy, Maksym, "Hot Issue—Konstantin Malofeev: Fringe Christian Orthodox Financier of the Donbas Separatists," Jamestown Foundation, August 8, 2014. As of November 6, 2015: http://www.jamestown.org/programs/edm/single/?tx_ttnews%5Btt_news%5D=42725&cHash=58def74e6315f226d043d9270402ebb5#.V9g10pMrJMA

Calamur, Krishnadev, "Crimea: A Gift to Ukraine Becomes a Political Flash Point," NPR, February 27, 2014. As of July 15, 2016: http://www.npr.org/sections/parallels/2014/02/27/283481587/crimea-a-gift-to-ukraine-becomes-a-political-flash-point

"CEC Postponed the Announcement of the Results of Cyberattacks on 'Elections' System [ЦИК перенес дату оглашения результатов из-за кибератак на систему «Выборы»]," NB News, October 25, 2014. As of July 22, 2016: http://nbnews.com.ua/ru/news/135041/

Cenciotti, David, "Two Ukrainian Gunship Helicopters Shot Down by Maenads in Eastern Ukraine," *The Aviationist*, May 2, 2014. As of July 22, 2015: http://theaviationist.com/2014/05/02/hinds-shot-down-donetsk/

Chalupa, Irena, "Russians' Once-Secretive Commander in Ukraine Is on the Air," Atlantic Council, November 18, 2014. As of November 6, 2015: http://www.atlanticcouncil.org/blogs/new-atlanticist/russians-once-secretive-commander-in-ukraine-is-on-the-air

"Chinese Volunteers Arrive in Donbass [В Донбасс прибывают китайские добровольцы]," on-planet.ru, September 30, 2014. As of November 21, 2014: http://on-planet.ru/ukraine/2565-v-donbass-pribyvayut-kitayskie-dobrovolcy.html

Chivers, C. J., and David M. Herszenhorn, "In Crimea, Russia Showcases a Rebooted Military," *New York Times*, April 2, 2014. As of November 6, 2015: http://www.nytimes.com/2014/04/03/world/europe/crimea-offers-showcase-for-russias-rebooted-military.html

Chivers, C. J., and Andrew Roth, "In Eastern Ukraine, the Curtain Goes Up, and the Clash Begins," *New York Times*, March 18, 2014. As of November 6, 2015: http://www.nytimes.com/2014/03/18/world/europe/eastern-ukraine.html

"Crimea and the Kremlin: From Plan 'A' to Plan 'B' [Крым и Кремль: от плана 'А' к плану 'Б']," Radio Liberty, October 27, 2015.

Cullison, Alan, "Ukraine's Secret Weapon: Feisty Oligarch Ihor Kolomoisky," *Wall Street Journal*, June 27, 2014. As of November 6, 2015: http://www.wsj.com/articles/ukraines-secret-weapon-feisty-oligarch-ihor-kolomoisky-1403886665

"Cyber Attacks in Ukraine: Who and How Carries Out the 'Offensive' on Sites [Кибератаки в Украине. Кто и как осуществляет "штурм" сайтов]," Korrespondent.net, October 17, 2014. As of November 10, 2014: http://korrespondent.net/ukraine/3432734-kyberataky-v-ukrayne-kto-y-kak-osuschestvliaet-shturm-saitov

"Cyberattacks on the Central Election Commission Website," unian.net, October 26, 2014. As of July 22, 2016: http://www.unian.net/politics/1000950-v-sbu-zayavili-o-kiberatakah-na-sayt-tsik-sboev-v-rabote-resursov-poka-ne-byilo.html

Darczewska, Jolanta, *The Anatomy of Russian Information Warfare: The Crimean Operation, A Case Study*, Warsaw, Poland: Centre for Eastern Studies, Point of View Number 42, May 2014. As of November 6, 2015: http://www.osw.waw.pl/sites/default/files/the_anatomy_of_russian_information_warfare.pdf

"Deadly Clashes in East Ukraine Ahead of Crimea Vote," BBC News, March 15, 2014. As of November 6, 2015: http://www.bbc.com/news/world-europe-26590745

Dolgov, Anna, "Missing Slovyansk Mayor Detained on Orders of Russian Militant, Report Says," *Moscow Times*, June 12, 2014. As of November 12, 2014: http://www.themoscowtimes.com/news/article/missing-slovyansk-mayor-detained- on-orders-of-russian-militant-report-says/501913.html

Dreyfuss, Bob, "Obama Offers Putin a Face-Saving Off-Ramp on Crimea," *The Nation*, March 13, 2014. As of July 28, 2016: http://www.thenation.com/article/obama-offers-putin-face-saving-ramp-crimea/

"Durov Refused to Give Personal Data of the Organizers of Euromaidan Social Media Groups [Дуров отказался выдать ФСБ личные данные организаторов групп Евромайдана]," UAInfo, April 17, 2014. As of June 15, 2014: http://uainfo.org/yandex/310083-durov-otkazalsya-vydat-fsb-lichnye-dannye-organizatorov-grupp-evromaydana.html

eagle_rost (user), "About Those Who Left the Ukranian Navy and About Captain Roman Pvatnitsky [Об ушедших из ВМСУ, и о капитане 2 ранга Романе Пятницком]," March 6, 2016. As of July 15, 2016: http://eagle-rost.livejournal.com/619635.html

El_Murid, "Three Weeks Ago, I Spoke with People Who Were Directly Involved in One of the Most Unsuccessful Operations of Donetsk Militia — An Attempt to Capture the Airport In Donetsk. Per My Request, They Put Together a Text in Which They Describe in Detail What Was Happening from the Point of View of a Direct Participant. Below Is This Text, in Full [Недели три назад я разговаривал с людьми, которые непосредственно участвовали в одной из самых неудачных операций донецкого ополчения - попытке захвата аэропорта в Донецке. По моей просьбе они составили текст, в котором относительно подробно описали происходившее с точки зрения непосредственного участника. Ниже этот текст, целиком, как пришел]," Livejournal blog, May 26, 2014. As of July 22, 2016: http://el-murid.livejournal.com/1901358.html

Ellis, Ralph, Laura Smith-Spark, and Tim Lister, "Ukraine Military Push Appears to Lose Momentum in the East," CNN, April 17, 2014. As of November 6, 2015: http://www.cnn.com/2014/04/16/world/europe/ukraine-crisis/

Ennis, Stephen, "Putin's RIA Novosti Revamp Prompts Propaganda Fears," *BBC Monitoring*, December 9, 2013. As of July 15, 2016: http://www.bbc.com/news/world-europe-25309139

Euromaidan PR, "Ukraine War: Russian Special Forces Seize Parliament Building in Crimea Ukraine," August 16, 2014. As of July 28, 2016: https://www.youtube.com/watch?v=9L9tHscviwE

Fisher, Max, ed., "What Does Ukraine's East-West Divide Have to Do with the Current Crisis?" Card 10 of "Everything You Need to Know About the Ukraine Crisis," Vox, September 3, 2014. As of November 6, 2015: http://www.vox.com/cards/ukraine-everything-you-need-to-know/what-does-ukraines-east-west-divide-have-to-do-with-the-current-crisis

Flier distributed in Crimea, February 1, 2015.

"Four Natives of Ingushetia Were Killed in the Fighting in Ukraine, Said Yevkurov [В боях на Украине были убиты четыре выходца из Ингушетии, заявил Евкуров]," kavkaz-uzel.eu, June 6, 2014. As of November 11, 2014: http://www.kavkaz-uzel.ru/articles/243822/

"GDP per Capita (Current US$)," World Bank, undated. As of July 15, 2016: http://data.worldbank.org/indicator/NY.GDP.PCAP.CD?order=wbapi_data_value_2014+wbapi_data_value+wbapi_data_value-last&sort=asc

Gerasimov, Valery, "The Value of Science in Prediction," *Military-Industrial Courier*, February 27, 2013.

Gessen, Masha, "Most Russians Believe the Crimea Is Theirs—Putin Has Acted on His Belief," *Guardian*, March 1, 2014. As of November 6, 2015: http://www.theguardian.com/commentisfree/2014/mar/01/russia-invasion-ukraine-crimea

Ghosh, Palash, "Watch Your Tongue: Language Controversy One of Fundamental Conflicts in Ukraine," *International Business Times*, March 3, 2014. As of November 6, 2015: http://www.ibtimes.com/watch-your-tongue-language-controversy-one-fundamental-conflicts-ukraine-1559069

"Girkin 'Militia' Pressured Crimean Deputies into the Auditorium for Voting [Гиркин: «Ополченцы» сгоняли крымских депутатов в зал для голосования]," Krymr.org, January 24, 2015. As of July 28, 2016: http://ru.krymr.com/a/26811484.html

Granholm, Niklas, Gudrun Persson, Johannes Malminen, Jakob Hedenskog, Carolina Vendil Pallin, Anna Sundberg, Johan Eellend, Johan Norberg, Carina Lamont, Tomas Malmlöf, Mike Winnerstig, Kaan Korkmaz, Märta Carlsson, Mikael Eriksson, Niklas Rossbach, Susanne Oxenstierna, Bengt-Göran Bergstrand, Ulrik Franke, John Rydqvist, Erika Holmquist, and Fredrik Westerlund, *A Rude Awakening. Ramifications of Russian Aggression Towards Ukraine*, Stockholm: Swedish Defense Research Agency, FOI-R-3892, June 16, 2014. As of November 6, 2015: http://www.foi.se/report?rNo=FOI-R--3892--SE

Gundarov, Vladimir, "Russia's General Staff Is Debating Increasing the VDV Airborne from 45,000 to 60,000 Troops [Численность ВДВ резко возрастет—примерно с 45 тыс. до почти 60 тыс. человек]," *Independent Military Review*, August 16, 2015. As of August 22, 2016: http://blackseafleet-21.com/news/16-08-2015_desantniki-vysadjatsja-v-krymu-chislennost-vdv-rezko-vozrastet-primerno-s-45-tys-do-pocht

Hakim, Danny, "Once Celebrated in Russia, the Programmer Pavel Durov Chooses Exile," *New York Times*, December 2, 2014. As of November 6, 2015: http://www.nytimes.com/2014/12/03/technology/once-celebrated-in-russia-programmer-pavel-durov-chooses-exile.html

Harding, Luke, "Pro-Russian Mayor of Slovyansk Sacked and Arrested," *Guardian*, June 12, 2014. As of November 13, 2014: http://www.theguardian.com/world/2014/jun/12/pro-russian-mayor-slavyansk-sacked-arrested-ukraine

Harris, Shane, "Hack Attack," *Foreign Policy*, March 3, 2014. As of July 15, 2016: http://foreignpolicy.com/2014/03/03/hack-attack/

Hedenskog, Jakob, and Carolina Vendil Pallin, eds., *Russian Military Capability in a Ten-Year Perspective – 2013*, Kista, Sweden: Swedish Defense Research Agency, FOI-R-3734-SE, December 2013.

Higgins, Andrew, "Armed Men Seize Police Station in Eastern Ukraine City," *New York Times*, April 12, 2014. As of July 22, 2016: http://www.nytimes.com/2014/04/13/world/europe/ukraine.html?_r=0

Hoffman, Frank G., "Hybrid vs. Compound War," *Armed Forces Journal*, October 1, 2009. As of November 6, 2015: http://www.armedforcesjournal.com/hybrid-vs-compound-war/

"How Did Odessa's Fire Happen?" BBC News, May 6, 2014. As of November 6, 2015: http://www.bbc.com/news/world-europe-27275383

"How the Audience of Ukrainian TV Channels Changed in Crimea [Як змінився перегляд українських телеканалів у Криму]," *Forbes*, April 2, 2014. As of November 6, 2015: http://forbes.net.ua/ua/business/1368547-yak-zminivsya-pereglyad-ukrayinskih-telekanaliv-u-krimu

"How Social Media Transformed Pro-Russian Nostalgia into Violence in Ukraine," The Conversation.com, October 16, 2014. As of November 19, 2014: http://theconversation.com/how-social-media-transformed-pro-russian-nostalgia-into-violence-in-ukraine-33046

Howard, Colby, and Ruslan Pukhov, eds., *Brothers Armed: Military Aspects of the Crisis in Ukraine*, Minneapolis, Minn.: Eastview Press, October 2014.

"Igor Strelkov: To Crush the Ukrainian Army, It Is Necessary to Fight [Игорь Стрелков: «Чтобы разгромить украинскую армию, надо воевать]," RIA Novosti, December 1, 2014. As of July 28, 2016:
http://ria.ru/interview/20141201/1035966741.html

"In Donetsk, the Formation of the Republican Army [В Донецке началось формирование республиканской армии]," May 4, 2014. As of November 11, 2014:
http://vz.ru/news/2014/5/4/685156.html

"In Simferopol, the Activists of the 'STOP Maidan' Collect Signatures for Greater Autonomy of Powers [В Симферополе активисты «СТОП Майдан» собирают подписи за расширение полномочий автономии]," Arguments of the Week, February 13, 2014. As of July 28, 2016:
http://an-crimea.ru/page/news/57080

"Interview Given by the Russian Foreign Minister Sergey Lavrov to the Programme 'Vesti v sabot s Serge Brilyovim,'" Ministry of Foreign Affairs of the Russian Federation official site, March 29, 2014. As of July 22, 2016:
http://archive.mid.ru//brp_4.nsf/0/2729B161F336D8B844257CAD00579575

Ioffe, Julia, "I Met Igor Bezler, the Russian Rebel Who Said, 'We Have Just Shot Down a Plane,'" *New Republic*, July 18, 2014. As of July 22, 2016:
https://newrepublic.com/article/118770/
who-igor-bezler-russian-rebel-implicated-malaysia-flight-17

Kelley, Michael B., "Crimean Parliament Votes Unanimously to Become Part of Russia," Business Insider/Military and Defense, March 6, 2014. As of November 6, 2015:
http://www.businessinsider.com/
crimean-parliament-votes-unanimously-to-become-part-of-russia-2014-3

Kennan, George F., "George F. Kennan on Organizing Political Warfare," April 30, 1948, History and Public Policy Program Digital Archive, obtained and contributed to the Cold War International History Project at the Woodrow Wilson Center for Scholars by A. Ross Johnson, reproduced in the Wilson Center Digital Archive, undated. As of November 6, 2015:
http://digitalarchive.wilsoncenter.org/document/114320

Kinstler, Linda, "Why Is Ukraine's Army So Appallingly Bad?" New Republic, May 9, 2014. As of November 6, 2015:
http://www.newrepublic.com/article/117710/
ukraines-army-small-sovietized-underfunded-and-poorly-trained

Klushina, Lyudmila, "Natalia Vitrenko: Neo-Nazis Intimidate People [Наталия Витренко: Людей запугивают неонацисты]," Vecherniy Peterburg, December 10, 2015. As of July 22, 2016:
http://www.vppress.ru/stories/
Nataliya-Vitrenko-Lyudei-zapugivayut-neonatcisty-22870

Kofman, Michael, and Matthew Rojansky, "A Closer Look at Russia's 'Hybrid War,'" *Kennan Cable*, No. 7, April 2015. As of November 6, 2015: http://www.wilsoncenter.org/sites/default/files/7-KENNAN%20CABLE-ROJANSKY%20KOFMAN.pdf

Korotchenko, Igor, "Army Units Began to Form Self-Defense Southeast Ukraine [Началось формирование отрядов Армии самообороны Юго-Восточной Украины]," LiveJournal blog, March 23, 2014. As of November 14, 2014: http://i-korotchenko.livejournal.com/844693.html

Koshiw, Jaroslav, "Donetsk Separatists in Dispute—Khodakovsky vs Strelkov," OpenDemocracy.net, August 11, 2014. As of July 28, 2016: https://www.opendemocracy.net/od-russia/jaroslav-koshiw/donetsk-separatists-in-dispute---khodakovsky-vs-strelkov/feed

Kramer, Andrew, "Ukraine Push Against Rebels Grinds to Halt," *New York Times*, April 17, 2014. As of September 12, 2016: http://www.nytimes.com/2014/04/17/world/europe/ukraine-crisis.html

———, "Workers Seize City in Eastern Ukraine from Separatists," *New York Times*, May 15, 2014. As of November 6, 2015: http://www.nytimes.com/2014/05/16/world/europe/ukraine-workers-take-to-streets-to-calm-Mariupol.html

Kravtsova, Yekaterina, "Observers Say Russia Had Crimea Plan for Years," *Moscow Times*, March 27, 2014. As of November 6, 2015: http://www.themoscowtimes.com/news/article/observers-say-russia-had-crimea-plan-for-years/496936.html

"Large-Scale Cyberwar Conducted Against Ukraine" [Против Украины ведется масштабная кибервойна]," Obkom, April 14, 2014. As of July 22, 2016: http://obkom.net.ua/news/2014-04-14/0930.shtml

Lidz, Gogo, "'Polite People' of Russia: Not Who You Might Expect," *Newsweek*, April 11, 2015. As of July 15, 2016: http://www.newsweek.com/polite-people-russia-321759

Lieven, Anatol, *Ukraine and Russia: A Fraternal Rivalry*, Washington, D.C.: United States Institute for Peace, 1999.

Litovkin, Dmitry, "Defense Ministry to Revive Russia's Special Operation Forces," Russia Beyond the Headlines, June 20, 2013. As of November 6, 2015: http://rbth.com/politics/2013/06/20/defense_minsitry_to_revive_russias_special_operation_forces_27293.html

Luhn, Alec, "Pro-Russian Occupiers of Ukrainian Security Service Building Voice Defiance," *Guardian*, April 9, 2014a. As of November 6, 2015: http://www.theguardian.com/world/2014/apr/10/luhansk-protesters-occupy-security-headquarters

———, "Volunteers or Paid Fighters? The Vostok Battalion Looms Large in War with Kiev," *Guardian*, June 6, 2014b. As of November 6, 2015: http://www.theguardian.com/world/2014/jun/06/the-vostok-battalion-shaping-the-eastern-ukraine-conflict

Marson, James, "Pro-Russia Demonstrators Break into Government Buildings in Donetsk," *Wall Street Journal*, March 16, 2014. As of July 22, 2016: http://www.wsj.com/articles/SB10001424052702303287804579443490950733388

McDermott, Roger N., "Russia Activates New Defense Management Center," *Eurasia Daily Monitor*, Vol. 11, No. 196, November 4, 2014. As of July 28, 2016: http://www.jamestown.org/programs/edm/single/?tx_ttnews%5Btt_news%5D=43041&cHash=60f76b139c88bc8177cb5cba105c4fe6#.VwExjfkrLRY

———, *Brothers Disunited: Russia's Use of Military Power in Ukraine*, Fort Leavenworth, Kan.: Foreign Military Studies Office, 2015. As of November 6, 2015: http://fmso.leavenworth.army.mil/Collaboration/international/McDermott/Brotherhood_McDermott_2015.pdf

———, email discussion with the author, February 12, 2016.

Mercouris, Alexander, "Insight and Limitations of Russia's Most Popular Military Hero (Igor Strelkov)," *Russia Insider*, February 7, 2015. As of November 6, 2015: http://russia-insider.com/en/2015/02/06/3221

Mezzofiore, Gianluca, "Ukraine Crisis: Russia Blocks 13 Maidan Protest Internet Pages," *International Business Times*, March 3, 2014. As of November 12, 2014: http://www.ibtimes.co.uk/ukraine-crisis-russia-blocks-13-maidan-protest-internet-pages-1438665

Miller, David B., "Russia's Crimea Conquest," Northern Virginia Community College blog, March 10, 2014. As of July 15, 2016: http://blogs.nvcc.edu/damiller/2014/03/10/russias-crimea-conquest/

Minakov, Mikhail, "ADecisive Turn?Risks for Ukrainian Democracy After the Euromaidan," Carnegie Endowment for International Peace, February 3, 2016. As of July 22, 2016: http://carnegieendowment.org/2016/02/03/decisive-turn-risks-for-ukrainian-democracy-after-euromaidan/itf4

"Mironov: Russia Must Protect Russians in Crimea," Vesti, February 26, 2014. As of July 28, 2016: http://pics.vesti.ru/videos/show/vid/580541/cid/7/

Mostovaya, Julia, "Behind the Screen [За ширмой]," zn.ua, February 5, 2016. As of July 22, 2016: http://gazeta.zn.ua/internal/za-shirmoy-_.html

"NATO to Counter 'Hybrid Warfare' from Russia," BBC News, May 14, 2015. As of November 6, 2015:
http://www.bbc.com/news/world-europe-32741688

"New Volunteers from Serbia to Join the Franco-Serbian Team [Новые добровольцы из Сербии присоединяются к франко-сербской бригаде]," Rusvesna.su, September 22, 2014. As of July 28, 2016:
http://rusvesna.su/news/1411405670

Norberg, Johan, "The Use of Russia's Military in the Crimean Crisis," Carnegie Endowment for International Peace, March 13, 2014. As of August 31, 2016:
http://carnegieendowment.org/2014/03/13/use-of-russia-s-military-in-crimean-crisis

Oliker, Olga, Christopher S. Chivvis, Keith Crane, Olesya Tkacheva, and Scott Boston, *Russian Foreign Policy in Historical and Current Context: A Reassessment*, Santa Monica, Calif.: RAND Corporation, PE-144-A, September 2015. As of November 6, 2015:
http://www.rand.org/pubs/perspectives/PE144.html

O'Loughlin, John, and Gerard Toal, "Mistrust About Political Motives in Contested Ukraine," *Washington Post*, February 13, 2015a. As of November 6, 2015:
https://www.washingtonpost.com/blogs/monkey-cage/wp/2015/02/13/mistrust-about-political-motives-in-contested-ukraine/

———, "The Crimean Conundrum," openDemocracy.net, March 3, 2015b. As of July 28, 2016:
https://www.opendemocracy.net/od-russia/john-o%E2%80%99loughlin-gerard-toal/crimean-conundrum

O'Loughlin, John, Gerard Toal, and Vladimir Kolosov, "The Rise and Fall of 'Novorossiya': Examining Support for a Separatist Geopolitical Imaginary in Southeast Ukraine," *Post-Soviet Affairs*, 2016.

"The Owner of Donbass, Businessman Rinat Akhmetov Survived the War and Is Preparing to Return to Politics [Хозяин Донбасса Бизнесмен Ринат Ахметов пережил войну и готовится вернуться в политику]," meduza.io, March 25, 2016. As of July 28, 2016:
https://meduza.io/feature/2016/03/25/hozyain-donbassa conundrum

Peisakhin, Leonid, "Why Are People Protesting in Ukraine? Providing Historical Context," *Washington Post*, December 19, 2013. As of November 6, 2015:
http://www.washingtonpost.com/blogs/monkey-cage/wp/2013/12/19/why-are-people-protesting-in-ukraine-providing-historical-context/

———, "Russian Media and Ukraine's Domestic Politics," presentation at the Wilson Center, Washington, D.C., April 15, 2015.

Prohanov, Aleksandr, and Igor Strelkov, "Who Are You, 'Shooter'? [Кто ты, «Стрелок»?]," Zavtra, November 20, 2014. As of November 6, 2015: http://zavtra.ru/content/view/kto-tyi-strelok/

Quinn, Allison, "Why Moscow's Anti-Maidan Protesters Are Putting on an Elaborate Pretence," *Guardian*, February 26, 2015. As of November 6, 2015: http://www.theguardian.com/world/2015/feb/26/russia-anti-maidan-protest-moscow

"Ramzan Kadyrov: Russia Will Not Allow to Give Ukraine into the Hands of the Bandits [Рамзан Кадыров: Россия не позволит отдать Украину в руки бандитам]," *LifeNews*, February 26, 2014. As of July 28, 2016: http://lifenews.ru/news/128000

Roth, Andrew, "From Russia, 'Tourists' Stir the Protests," *New York Times*, March 3, 2014. As of November 6, 2015: http://www.nytimes.com/2014/03/04/world/europe/russias-hand-can-be-seen-in- the-protests.html

———, "Vladimir Putin's Massive, Triple-Decker War Room Revealed," *Washington Post*, November 21, 2015. As of July 28, 2016: https://www.washingtonpost.com/news/worldviews/wp/2015/11/21/vladimir-putins-massive-triple-decker-war-room-revealed/

Rusije, Glas, "The Commander of the Serbian Unit in Luhansk: Passenger Plane Was Hit by Ukraine [Командир сербского отряда в Луганске: пассажирский самолет сбила Украина]," RuSerbia.com, August 19, 2014. As of July 28, 2016: http://ruserbia.com/drugie-pishut/2363-komandin-serbskogo-otryada-v-luganske-passazhirskij-samolet-sbila-ukrainatriple-decker-war-room-revealed/

"Russia Will Give Ukraine the Military Equipment from Crimea [Россия передаст Украине военную технику из Крыма]," RG.RU, March 28, 2014. As of July 15, 2015: http://rg.ru/2014/03/28/orujie-anons.html

"Russian President Putin Says Ukraine Needs Federalization to Settle Conflict," TASS (Russian News Agency), November 17, 2014. As of July 22, 2016: http://tass.ru/en/russia/760028

Ryzhkov, Vladimir, "Putin's Federalization Card in Ukraine," *Moscow Times*, April 7, 2014. As of July 22, 2016: https://themoscowtimes.com/articles/putins-federalization-card-in-ukraine-33715

"Serving Russian Soldiers on Leave Fighting Ukrainian Troops Alongside Rebels, Pro-Russian Separatist Leader Says," *Telegraph*, August 28, 2014. As of November 6, 2015: http://www.telegraph.co.uk/news/worldnews/europe/germany/angela-merkel/11060559/Serving-Russian-soldiers-on-leave-fighting-Ukrainian-troops-alongside-rebels-pro-Russian-separatist-leader-says.html

Shakirov, Mumin, "I Was a Separatist Fighter in Ukraine," *Atlantic*, July 14, 2014. As of August 22, 2016:
http://www.theatlantic.com/international/archive/2014/07/i-was-a-pro-russian-separatist-fighter-in-ukraine/374411/

"Shooting Down of Ukrainian Military Aircraft at Cruising Altitude Reflects Ongoing Escalation Risk and Possible Russian Support," *Jane's Online Country Risk Daily Report*, July 15, 2014.

Shostak, Nadezhda, "Who Is the 'People's Governor': Kharkov Headed Smith and Lohansk Paratrooper [Кто они, 'народные губернаторы': Харьков возглавил автослесарь, а Луганск—десантник]," *Komsomolskaya Pravda*, April 23, 2014. As of November 2, 2014:
http://www.kp.by/daily/26224.3/3106364/

Shynkarenko, Oleg, "Who's Funding East Ukraine Militancy?" Institute for War and Peace Reporting, May 16, 2014. As of November 6, 2015:
https://iwpr.net/global-voices/whos-funding-east-ukraine-militancy

"The Site of the Kharkov Euromaidan Movement Experiences Powerful Hacker Attack, [Сайт харьковского Евромайдана подвергается мощной хакерской атаке]," Gordonua.com, January 9, 2014. As of July 22, 2016:
http://gordonua.com/news/maidan/sayt-harkovskogo-evromaydana-atakuyut-hakery-5083.html

Smartica/Skykillers, "Internet in Ukraine," presentation, 2012. As of November 1, 2014:
http://www.slideshare.net/dasha0usha/ukraine-unternet-statistics

Snowiss, Mark, and Danila Galperovich, "Russian Social Media Fortify Rebellion in Ukraine," *Voice of America*, June 30, 2014. As of November 15, 2014:
http://www.voanews.com/content/russian-social-media-fortify-rebellion-in-eastern-ukraine/1947973.html

Socor, Vladimir, "Pro-Russia Paramilitaries Seize Ground in Eastern Ukraine Ahead of International Negotiations," *Eurasia Daily Monitor*, Vol. 11, No. 72, April 16, 2014.

Sochnev, Aleksey, "The International Community Must Help Us to Free Ourselves from the Neo-Nazis [Мировое сообщество должно помочь нам освободиться от неонацизма]," *Russkaya Planeta*, March 12, 2014. As of November 1, 2014:
http://rusplt.ru/society/Vitriyenko-interview-8586.html

Speri, Alice, "Yes, There Are Chechen Fighters in Ukraine, and Nobody Knows Who Sent Them There," *VICE News*, May 28, 2014. As of November 6, 2015:
https://news.vice.com/article/yes-there-are-chechen-fighters-in-ukraine-and-nobody-knows-who-sent-them-there

Strelkov, Igor, "Strelkov Admitted Responsibility for Military Operations in Ukraine [Стрелков признал ответственность за военные действия на Украине]," LENTA.ru, November 20, 2014. As of July 28, 2016: https://lenta.ru/news/2014/11/20/strelkov/

"Strelkov: 'Shooters' War I Began, Not Donbas' [Стрелков: Войну на Донбассе начал я]," *Korrespondent*, November 20, 2014. As of November 22, 2014: http://korrespondent.net/ukraine/3446314-strelkov-voinu-na-donbasse-nachal-ya

"Strelkov-Girkin Decided to Restore Russian Empire 20 Years Ago [Стрелков-Гиркин задумал восстановить Российскую Империю еще 20 лет назад]," Politica-UA, June 14, 2014. As of August 18, 2016: http://politica-ua.com/strelkov-girkin-zadumal-vosstanovit-rossijskuyu-imperiyu-eshhe-20-let-nazad/

Sutyagin, Igor, and Michael Clarke, "Ukraine Military Dispositions, The Military Ticks Up While the Clock Ticks Down," Royal United Services Institute Briefing Paper, April 2014. As of July 28, 2016: https://rusi.org/system/files/UKRANIANMILITARYDISPOSITIONS_RUSIBRIEFING.pdf

"Tags: Lugansk Guard," cxid.info, undated. As of July 28, 2016: http://cxid.info/tag/luganskaya-gvardiya

"The 'Titushki" Got Their Own Meme. It Is Funny and Sad at the Same Time! [У «титушек» появился собственный мем. Смех и грех!]" argumentinedeli.ua, February 5, 2014. As of November 12, 2014: http://an-crimea.ru/page/news/56498/

"There Is a Problem: In Perm, Volunteers Are Recruited Volunteers for Border [Есть проблема В Перми набирают добровольцев на границу]," 59.ru, September 18, 2014. As of November 21, 2014: http://59.ru/text/problem/845575.html

"These Are Our People [Это наши люди]," vz.ru, April 12, 2014. As of July 28, 2016: http://vz.ru/world/2014/4/12/681771.html

Toal, Gerard, and John O'Loughlin, "Russian and Ukrainian Viewers Live on Different Planets," *Washington Post*, February 26, 2015. As of August 31, 2016: https://www.washingtonpost.com/blogs/monkey-cage/wp/2015/02/26/russian-and-ukrainian-tv-viewers-live-on-different-planets/

"Transcript of a Secret Meeting of the National Security Council February 28, 2014 [Стенограмма секретного заседания СНБО 28 февраля 2014 года]," ECHOMSK blog, February 23, 2016. As of July 28, 2016: http://echo.msk.ru/blog/echomsk/1717754-echo/

"Ukraine Authorities Clear Kharkiv Building, Arrest Scores of Separatists," Radio Free Europe/Radio Liberty, October 27, 2015. As of November 6, 2015: http://www.rferl.org/content/kharkiv-operation-ukraine-terrorism-separatist-arrests/25324984.html

"Ukraine Bans Russian TV Channels for Airing War 'Propaganda,'" Reuters, August 19, 2014. As of July 28, 2016: http://www.reuters.com/article/us-ukraine-crisis-television-idUSKBN0GJ1QM20140819

"Ukraine Crisis: What Is Happening Where?" BBC World News, April 15, 2014. As of July 28, 2016: http://www.bbc.com/news/world-europe-27012612

"Ukraine Rebels Hold Referendums in Donetsk and Luhansk," BBC World News, May 11, 2014. As of July 28, 2016: http://www.bbc.com/news/world-europe-27360146

"Ukraine Says Forces Retake Two More Rebel Cities," BBC World News, July 7, 2014. As of July 28, 2016: http://www.bbc.com/news/world-europe-28182404

"Ukraine Troops Leave Crimea by Busload; Defense Minister Resigns After Russia Seizes Peninsula," CBS News, March 25, 2014. As of November 6, 2015: http://www.cbsnews.com/news/ukraine-troops-leave-crimea-by-busload-defense-minister-resigns-after-russia-seizes-peninsula/

U.S. Department of State, "Ukraine and Russia Sanctions," undated. As of August 18, 2016: http://www.state.gov/e/eb/tfs/spi/ukrainerussia/

"Video: Nikolai Zlobin Discusses Russian National Idea at Kennan Institute," interview at Center on Global Interests, Washington, D.C., July 23, 2015. As of November 6, 2015: http://globalinterests.org/2015/08/06/video-cgi-president-nikolai-zlobin-discusses-russian-national-idea-at-kennan-institute/

Vlasova, Anastasia, and Oksana Grytsenko, "Former EuroMaidan Enemies Now Fight Side-by-Side Against Kremlin Backed Separatists in Slovyansk," *KyivPost*, May 30, 2014. As of November 6, 2015: http://www.kyivpost.com/multimedia/photo/ato-350060.html

"Volunteers from Chechnya Arrived in Novorossia to Catch Militant Isa Munayev [Добровольцы из Чечни приехали в Новороссию, чтобы поймать боевикаИсу Мунаева (видео)]," Lugansk News, October 29, 2014. As of November 12, 2014: http://novosti.lugansk.ua/добровольцы-из-чечни-приехали-в-новор/

Weaver, Courtney, "Malofeev: The Russian Billionaire Linking Moscow to the Rebels," *Financial Times*, July 24, 2014. As of November 6, 2015: http://www.ft.com/intl/cms/s/0/84481538-1103-11e4-94f3-00144feabdc0.html#axzz3j6NwNyUp

Whalen, Jeanne, and Alan Cullison, "Ukraine Battles to Rebuild a Depleted Military," *Wall Street Journal*, March 25, 2014. As of November 6, 2015: http://www.wsj.com/articles/SB10001424052702303949704579457591983371478

Williams, Carol J., "Two More Top Separatist Leaders Abandon Eastern Ukraine Battle," *Los Angeles Times*, August 14, 2014. As of November 6, 2015: http://www.latimes.com/world/europe/la-fg-ukraine-russia-separatist-leaders-resign-20140814-story.html

Witte, Griff, "Pro-Russian Separatists in Eastern Ukraine Were 'Nobodies'—Until Now," *Washington Post*, April 30, 2014. As of July 28, 2016: https://www.washingtonpost.com/world/europe/pro-russian-separatists-in-eastern-ukraine-were-nobodies--until-now/2014/04/30/c504e687-cc7a-40c3-a8bb-7c1b9cf718ac_story.html

This report assesses the annexation of Crimea by Russia (February– March 2014) and the early phases of political mobilization and combat operations in Eastern Ukraine (late February– late May 2014). It examines Russia's approach, draws inferences from Moscow's intentions, and evaluates the likelihood of such methods being used again elsewhere.

These two distinct campaigns overlap somewhat but offer different lessons for participants and observers. The report fi nds that Russia's operation to annex Crimea represented a decisive and competent use of military force in pursuit of political ends. Russia's operations in Crimea benefi ted from highly favorable circumstances—political, historical, geographical, and military—that limit their generalizability. Analysis of the operation underscores that there are many remaining unknowns about Russia's military capabilities, especially in the aftermath of its military reforms and modernization program. The report also fi nds that the campaign in Eastern Ukraine was an ineffectually implemented—and perhaps ill-conceived—effort to achieve political fragmentation of Ukraine via federalization and retain Russian infl uence. Russia achieved its primary objectives but at a much higher cost than desired and through a fi tful cycle of adaptation.

This study thus questions the desirability for Moscow to replicate a course of events similar to the campaign in Eastern Ukraine. Conversely, the operation to annex Crimea was a highly successful employment of select elements within Russia's armed forces, making it an attractive use of military power, but the structural and operation factors contributing to its success raise doubts whether it can be repeated elsewhere.


ARROYO CENTER

**www.rand.org**

$21.50

ISBN-10 0-8330-9606-0
ISBN-13 978-0-8330-9606-7


RR-1498-A