



Geopolitical Intelligence
Services Dossier

Arctic frontiers

Shipping, satellites and resources



Contents click to go to chapter

- 04** Introduction
- 05** Timeline of the Arctic
- 06** Big picture: Key geopolitical players and their Arctic ambitions
- 11** Trade focus: Arctic shipping routes
- 12** Deep dive: Conquering the ocean floor and outer space
- 15** Actionable insights

Authors



Prince Michael of Liechtenstein

Executive chairman of Industrie- und Finanzkontor Ets., a leading trust company with expertise in the long-term, multigenerational preservation of wealth, family values and businesses. Among other ventures, he is also the founder and chairman of Geopolitical Intelligence Services AG.



Colleen Graffy

Law professor at Pepperdine Caruso Law School, specializing in public international law, international environmental law, and international criminal law. Former U.S. Deputy Assistant Secretary of State for Europe and Eurasia.



Stefan Hedlund

Author, researcher and lecturer focusing on Nordic, Russian, Central Asian and post-Soviet affairs. Director of research at the Centre for Russian and Eurasian Studies at Uppsala University.



Bob Savic

Head of international trade and sanctions consulting at the Global Policy Institute and head of European Union trade and industry regulatory advisory at the Federal Trust for Education and Research.



Junhua Zhang

Senior associate at the European Institute for Asian Studies, and professor of political science at the School of International and Public Affairs of the Shanghai Jiao Tong University and Zhejiang University.



Aleksandra Gadzala Tirziu

Founder and CEO of the geopolitical and communications consultancy Magpie Advisory, and lecturer in International Relations at the University of Zurich.

Introduction

The melting polar ice caps are opening a new chapter in the quest for Arctic influence, sparking international competition and strategic maneuvering. Not only are deep reserves of fossil fuels like oil and gas becoming more accessible, but minerals needed to make modern technologies, such as lithium, cobalt and scandium, are located on the seabed.

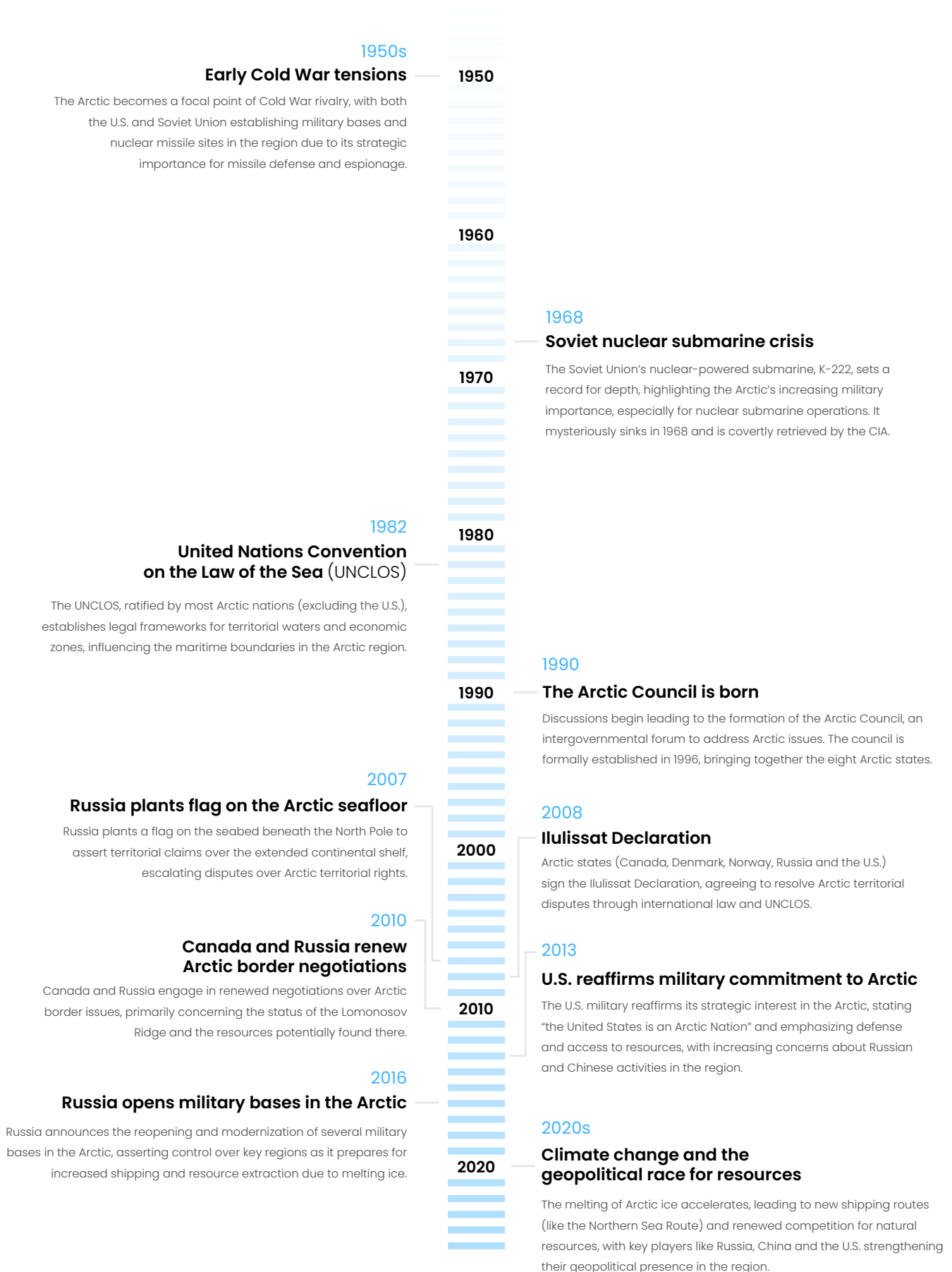
As the ice thaws, new maritime trade routes are also opening up, offering shorter journey times and therefore significantly cheaper transportation of goods. More and more satellites are being propelled into the Arctic stratosphere to facilitate telecommunications – for both civilian and military purposes.

Yet, with the thawing of the Arctic also comes unprecedented tensions. Superpowers Russia, China and the United States are vying for influence over territory and resources. Russia’s full-scale invasion of Ukraine has transformed Arctic security, and the U.S. and NATO have been ramping up their military posture in the region.



Timeline of the Arctic

From ice block to Pandora's box





visit our website

www.gisreportsonline.com