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The Svalbard Continental Shelf Controversy: **Legal Disputes and Political Rivalries**

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7 Norway's claim to exclusive rights over the continental shelf surrounding the former 8 terra nullius Arctic archipelago of Svalbard is controversial, with the unclear scope of 9 the Svalbard Treaty recognized as "a main challenge" by Norway's parliament. This 10 article explores the nature of this challenge by: (1) giving an account of the legal basis 11 of the conflict; (2) analyzing its political context, and (3) discussing the contemporary 12 judicial and political processes which may or may not resolve the conflict. This article 13 concludes that the issue seems to escape judicial settlement, rendering the controversy 14 a matter of international politics. With the world's eyes increasingly on the petroleum 15 resources of the Arctic, a clarification over the legal status of the Svalbard shelf is not 16 in sight.

17 **Keywords** Commission on the Limits of the Continental Shelf, continental shelf, 18 Norway, petroleum development, Svalbard

Introduction 19

- Norway, stretchinghalfway across the Arctic Circle, has one of the largest sea claims
- in the world. Norway's claimed exclusive economic zones (EEZs) and continental shelf,
- a treasury of natural resources, make up an area six times larger than the Norwegian 22
- mainland. The claimed continental shelf, its outer limits to be produced for the United
- Nations Commission on the Limits of the Continental Shelf (CLCS) in 2006, ² also includes 24
- 25 the shelf surrounding Svalbard,³ an archipelago in the Arctic Ocean to which Norway
- was granted sovereignty by the 1920 Svalbard Treaty.⁴ Several states, including Norway's 26
- closest allies, the United States and the United Kingdom, have reserved their positions or
- 28 protested against Norway's exclusive claim with respect to the continental shelf adjacent
- 29 to the Svalbard archipelago. It is argued that the Norwegian claim to the exclusive rights
- to explore and exploit the resources of the continental shelf adjacent Svalbard violates the 30
- 31 1920 Svalbard Treaty, which provides to treaty parties equal rights to Svalbard resource
- exploitation. While Norway holds that the Treaty has no relevance outside the territorial
- sea stretching 12 nm from its baseline, others insist that Svalbard has its own continental
- 34 shelf and that the nondiscrimination principles of the 1920 Treaty applies to the adjacent
- 35 shelf.

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Maritime areas are of vital importance to Norway. Oil, natural gas, and fish are the state's number one, two, and four export products, contributing NKr 267 billion, 84 billion, and 27 billion respectively to Norway's total export worth of NKr 553 billion (US\$88 billion) in 2004 ⁶ In a 2005 Norwayian government White Paper on Arctic Policy, the dispute

- billion) in 2004. In a 2005 Norwegian government White Paper on Arctic Policy, the dispute
 over jurisdiction in the high northern latitudes was recognized as containing "potential for
- 41 conflict of interests." During the reading of the White Paper, the Standing Committee on
- 42 Foreign Affairs in the Norwegian parliament *Stortinget* remarked:
- One of Norway's main challenges is that we presently have large areas in the
- 44 north where Norwegian management or sovereignty is disputed, and where
- 45 many states have no clear position to the Norwegian view.⁸
- 46 What are the status and prospects for the regime governing the Svalbard shelf? This article
- 47 will explore the nature of this "main challenge" by: (1) giving an account of the legal basis
- 48 for the conflict, (2) analyzing its political context, and (3) discussing contemporary judicial
- 49 and political processes which may or may not spur conflict resolution.

50 Theory and Method

- 51 Norway's original continental shelf claims overlapped with Russian claims in the Barents
- 52 Sea, with Icelandic claims in the North Sea, and with Danish claims in both the North
- 53 and the Greenland seas. Delimitation of the continental shelf between Iceland and the
- 54 Norwegian island of Jan Mayen was facilitated by an international conciliation panel in
- 55 1981, 10 which led to a bilateral agreement. 11 The International Court of Justice decided
- 56 on delimitation between Jan Mayen (Norway) and Greenland (Denmark) in its 14 June
- 57 1993 ruling. 12 Denmark and Norway agreed on a continental shelf boundary between the
- 58 mainland of Norway and the Faroe Islands in 1979.¹³ Russia and Norway have jointly
- 59 defined the disputed area in the Barents Sea and their dispute is being managed through
- 60 negotiations. 14

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The role of international law in Norway's many maritime disputes is evident, both in defining the disputed areas and in the procedures employed for resolving them peacefully. Once settled, either by agreement, arbitration or court decision, parties have complied with the outcome. A rational explanation of compliance in a system short of supranational law enforcement is that it is in the State's long-term interest to maintain an international order based on a notion of *pacta sunt servanda*. Short-term gains from noncompliance could threaten a system that is in the state's overall interest to maintain. Regime theorists have concluded that state compliance with international commitments is rationally "possible, even likely." ¹⁵

Supposing compliance with its outcome and identifying its origin are treaty related, the case-specific conflict over maritime areas surrounding Svalbard is seen as being a judicial dispute. This is reflected in the contemporary literature on the topic, which is predominantly legal in nature. Legal theory, however, falls short of addressing the various possible paths to settlement, and indeed is rendered less purposeful if the conflict is on no such path. This article will suggest the need for a broader theoretical approach to this high-latitude conflict than that provided by a strictly legal perspective.

Assuming that the policy on legal and state security issues is rationally shaped and deployed by professional state elites, the following discussion is essentially rationalist. It establishes the foundation for a state-level approach—rather than a more reflectivist

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investigation on a substate level—leaving states as the primary units of analysis. The 80 81 Norwegian Ministry of Foreign Affairs is found to be the primary maker of Norwegian 82 policy, an addressee for foreign state reactions to Norwegian policy, and a catalyst in the practice of jurisdiction enforcement in the ocean areas adjacent to Svalbard. Methods of 83 research include elite interviewing, analysis of national and international correspondence, official statements and White Papers, in addition to the investigation of historical records 85 and academic literature. Moreover, a wide range of academic, legal, and technical specialists 86 have been consulted directly to supplement the empirical basis for the analysis below. The 87 use of multiple sources of evidence enhances the validity and reliability of the research 88 results. 89

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91 The Basis for the Conflict

92 A Brief History

In 1596 the Dutch explorer Willem Barents staked his nation's mark on the Arctic landmass he discovered¹⁶ on his quest to find a northeast seaway from the Atlantic to the Pacific Ocean.¹⁷ The new land, which Barents named "Spitsbergen" after its rugged coastline, proved to be a lucrative staging area for whale hunting at a time when oil extracted from whale blubber was used in lamps; elastic, strong whale baleens were used in corsets, furniture, and wagons; and whale meat was a common human food.¹⁸

Before long, Dutch and English whalers clashed over the most profitable hunting grounds along the west coast of Spitsbergen. 19 While the Dutch embraced the mare liberum doctrine set out by Dutch scholar Huig de Groot in 1609 and hence claimed free access to the Spitsbergen waters, London sought sovereignty over the new land and exclusive rights to its marine fauna. English whalers removed the Dutch marker set up by Barents, and in 1613 King James I, assuming that Spitsbergen was part of Danish-Norwegian Greenland, offered to buy the land from the Union's King Christian IV.²⁰ In the absence of a reply, King James I declared sovereignty over the land the following year. It had now been suggested for the first time that Spitsbergen may be an island independent of Greenland.²¹ However, England was unable to enforce its claim. In 1618, a Dutch naval fleet overwhelmed the English hunting fleet in Spitsbergen waters, and in the diplomatic aftermath of these clashes England had to allow the militarily superior Dutch free whaling access to the Spitsbergen waters.²² Under the assumption that Spitsbergen was a part of Greenland, with aspirations to control the northern seas, Denmark-Norway also claimed Spitsbergen.²³ King Christian IV sent warships to Spitsbergen waters on several occasions between 1615 and 1643 to enforce the claim.²⁴ While England rejected the Danish-Norwegian claim, the Dutch upheld the principle of free access to the high seas. As the stocks of whale and walrus rapidly declined through the 17th century due to overexploitation, the conflicts respecting Spitsbergen jurisdiction faded. By the 18th century the archipelago was considered terra nullius—no-man's land—and attracted few other than Russian and later Norwegian trappers.

The Swedish scientist Adolf Erik Nordenskiöld brought the jurisdictional issue back to life in the second half of the ninteenth century. Having come across exploitable mineral resources, he argued that Spitsbergen should be colonized and annexed by Norway (Norway was now in union with Sweden rather than Denmark). The Norwegian government, however, was sceptical of the Swedish initiative. In 1871 the Ministry of Interior stated that it was not in the national interest of Norway to see changes in the status quo, where "Spitsbergen is a no-man's land and where no state sovereignty is established." The annexation initiative

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was withdrawn. A few decades later, an independent and more ambitious Norway gained a renewed interest in Spitsbergen parallel to increased international mineral resource exploitation, primarily of coal. The jurisdiction issue was raised again and discussed at trilateral conferences in 1910 and 1912 by Norway, Sweden, and Russia, where it was suggested that Spitsbergen should be run as a condominium by the three states.²⁶ An international Spitsbergen Conference was summoned to establish a legal regime for the archipelago in 1914, but was dissolved at the outbreak of World War I.

The Spitsbergen issue was settled through the peace process following World War I. Norwegian delegates to the 1919 Paris Peace Conference sought sovereignty over Spitsbergen in compensation for Norwegian merchant fleet losses during the war and pointed to Norway's presence at, historical ties to, and economic interests on the archipelago.²⁷ The five great powers—the United States, the United Kingdom, France, Italy, and Japan—responded by establishing a Spitsbergen Commission, which was soon presented with a Franco-Norwegian treaty proposal approved in advance by the United Kingdom and the United States. 28 Because the draft treaty guaranteed international interests in the archipelago, the principle of Norwegian sovereignty became widely accepted. On 9 February 1920 the Spitsbergen Treaty, crafted by the Commission on basis of the Franco-Norwegian proposal, was signed in Versailles, and 5 years later it entered into

The Svalbard Treaty 145

- Article 1 of the Svalbard Treaty recognizes Norway's "full and absolute sovereignty" 146
- over the archipelago, defined as being "all islands great or small and rocks appertaining 147
- thereto" between 10° and 35° east and between 74° and 81° north (referred to as "the 148
- 149 Svalbard box"). However, the Treaty places far-reaching restrictions on Norway's sovereign
- 150 rights. According to Article 9, Norway cannot establish military bases and cannot use the
- archipelago for "warlike purposes." Article 8(2) seems to deprive Norway from profiting 151
- economically from Svalbard sovereignty as "taxes dues and duties levied shall be devoted 152
- 153 exclusively to the said territories." In addition, and the basis of the current shelf dispute,
- Article 3 of the Treaty provides all parties: 154
- 155 equal liberty of access and entry for any reason or object whatever to the waters,
- 156 fjords and ports of the territories [...]. They shall be admitted under the same
- 157 conditions of equality to the exercise and practice of all maritime, industrial,
- 158 mining or commercial enterprises both on land and in the territorial waters
- 159 $[\ldots].$

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Because the 1920 Treaty was formulated prior to modern law of the sea, it has no reference to contemporary legal terms such as fisheries zones, EEZs, or continental shelves. It does, 161 however, refer to "territorial waters," equivalent to the term territorial sea used in modern 162 law of the sea. Today, the Svalbard territorial sea, defined by Norway with reference to the 163 1982 UN Convention on the Law of the Sea, extends 12 nm from the Svalbard baselines.²⁹

While Article 3 of the Svalbard Treaty establishes the nondiscriminatory principle, regulations for mineral operations are laid down in the Mining Ordinance which applies to "the entire archipelago" 30 and was recognized and authorized as general regulations by the 1920 Treaty parties and came into effect on the same date as the Svalbard Treaty entered into force.³¹ The regulations grant extensive rights to discoverers of "natural deposits of coal, mineral oils and other minerals and rocks,"32 allowing first finders claim patents over

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areas with documented geological discoveries. A claim holder has an exclusive right to extract mineral resources from his or her claim patent.³³

The status of the Mining Ordinance has been the subject of disagreement. Since it was created and adopted through international consultation procedures established by Article 8(4) in the Svalbard Treaty, it has been argued that the Ordinance has the character of a treaty and can be amended only through the same procedures as it was created.³⁴ Others have argued that the Mining Ordinance is Norwegian legislation provided for within the framework of the Svalbard Treaty, and that it can be altered as any other national legislation by the Norwegian parliament as long as it does not violate Svalbard Treaty provisions.³⁵

To date the Ordinance has not been amended, although on 3 June 1966 the Norwegian Ministry of Industry outlined procedures for obtaining petroleum claims without having to produce physical samples.³⁶ In 1967, the Ministry further stated that the Mining Ordinance applied offshore, more specifically to a then still undetermined territorial sea around Svalbard.³⁷

The Law of the Sea

Although continental shelf claims were made prior to 1958, it was Article 2(1) of the 1958 Geneva Convention on the Continental Shelf³⁸ that firmly established a coastal state's sovereign right to explore and exploit the natural resources on its continental shelf, understood as being the seabed and submarine subsoil adjacent to its coastline. The Convention entered into force on 10 June 1964, and Norway acceded to it on 9 September 1971.

One year before ratifying the Continental Shelf Convention, Norway proclaimed a 4-mil. belt of territorial sea around Svalbard referencing to the 1958 Convention on the Territorial Sea and Contiguous Zone,³⁹ a move that was explained in a contemporary Norwegian intelligence report.

THE purpose of establishing a four-mile territorial sea for Svalbard was obviously to lay the formal foundation to claim *unrestricted Norwegian* jurisdiction over the seabed from North Cape to Svalbard as well as around Svalbard, except from the areas within the four-mile limits, which would be subject to Svalbard Treaty provisions. ⁴⁰ [Emphasis added]

Thus, by specifying the limits of territorial waters around Svalbard, Norway sought to restrict the geographical area to which the 1920 Treaty applied. The Norwegian continental shelf area was perceived as one continuous shelf adjacent to its mainland, to which Norway had exclusive rights—apart from the seabed within the belt of territorial sea around Svalbard. By this time, several oil companies had already been drilling for petroleum onshore Svalbard, pursuant to the Svalbard Treaty.

In 1970, Norway also initiated negotiations with the Soviet Union over continental shelf delimitation in the Barents Sea. The 1971 intelligence report characterized the Oslo maneuver as a gamble:

Summarized, it seems like Norway plays a bold gamble where the aim is twofold: (1) Norwegian control over the continental shelf north of Norway [*sic*] and around Svalbard, and (2) a negotiated and to Norway favorable delimitation of the Norwegian shelf in the east.⁴¹

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Six years later, new areas were added to Norway. Anticipating the outcome of the Third United Nations Conference on the Law of the Sea (UNCLOS III), Norway passed the Economic Zone Act in 1976⁴² and established a 200-mil. economic zone along its mainland 216 217 by Royal Decree.⁴³ The Norwegian decision followed a series of diplomatic consultations, 218 which also resulted in the establishment of a softer maritime regime around Svalbard, 44 a 1977 Royal Decree pursuant to the Economic Zone Act proclaimed a 200-mil. fisheries protection zone around the archipelago, as opposed to an economic zone. 45 The Decree 220 221 authorized the Ministry of Fisheries to establish fishing regulations for the Svalbard zone.

The 1982 Law of the Sea Convention (LOS Convention), which entered into force on 16 November 1994 and was ratified by Norway in June 1996, provides for different legal foundations for sovereign rights to seabed resources. While the continental shelf is determined by its physical geography, to which the coastal state has an inherent right, ⁴⁶ the EEZ has a maximum width of 200 nm but must be claimed by the coastal state.

The LOS Convention seeks to define the outer limit of the continental shelf. Whereas Article 1 of the 1958 Continental Shelf Convention loosely defined the limits of the continental shelf as the "depth of the superjacent waters admits of the exploitation of the natural resources," arguably allowing the limits to move with the advance of technology, the LOS Convention specifies geological criteria for determining the precise outer limit of continental margins where they extend beyond 200 nm. 47 Geological data proposing the outer limits of the continental margin is to be submitted by the coastal state to a UN expert commission, the Commission on the Limits of the Continental Shelf, with the result of the submission and subsequent recommendations "final and binding." 48

The Svalbard sea territory was again expanded by Norway in 2004 with reference to the LOS Convention. The territorial sea borders around Svalbard, and also along the Norwegian mainland, were moved from 4 to 12 nm. ⁴⁹ This expanded the territorial sea area for Svalbard by more than 35%.⁵⁰

240 **Political Context**

241 Positions and Arguments

Since the 1920 Syalbard Treaty defines the archipelago as the islands and rocks within 242 243 the Svalbard box and has no reference to areas beyond their territorial waters, Norway 244 has suggested that the Treaty provisions have no relevance to maritime areas such as a 245 200-mil. zone and the continental shelf. Furthermore, since Norway has been awarded 246 "full and absolute sovereignty" as opposed to a mandate over Svalbard, Norway claims to enjoy the LOS Convention privilege of exclusive rights to such ocean areas. Accordingly 247 248 the continental shelf, to which the Svalbard Treaty is deemed irrelevant, is physically 249 and inherently one continuous seabed adjacent to the Norwegian coastline governed 250 by Norwegian legislation. A distinction between a "Svalbard shelf" and a Norwegian 251 continental shelf is further rejected because: first, it would be pointless since the same legal 252 regime would apply to both in any case;⁵¹ and, second, delimitation between mainland Norway and Svalbard would require the application of a peculiar approach, a negotiation 253 between Norway and Norway.⁵² 254

The Norwegian view has been defended by Carl August Fleischer, who argued that any restrictions on sovereign rights must be stated clearly and unambiguously in the original Svalbard Treaty text.⁵³ This restrictive interpretation implies that all Norway's obligations are laid down in the 1920 Treaty. Provisions of the Treaty cannot have application to matters or geographical areas not specified in the Treaty at the expense of Norwegian sovereignty.

 In cases of doubt, such as interpreting the geographical term *waters* in Article 3, Norwegian sovereignty considerations should prevail over international exploitation rights. Fleischer found support for his interpretation in the Spitsbergen Commission Report from the 1919 Paris Peace Conference, where it provides that all restrictions on Norwegian sovereignty over Svalbard are stated in the Treaty, and "pour le surplus il y a lieu d'appliquer la souverainteté de la Norvège."⁵⁴

Prior to becoming Norway's Foreign Minister (1993–94), Johan Jørgen Holst of the Norwegian Institute of International Affairs pointed to the fruitlessness of making assumptions about how the Svalbard Treaty would have been designed in 1919–20 if the drafters had knowledge of future legal developments, since it presupposes that Norway would have accepted sovereignty over the archipelago even if it meant a relinquishment of rights to its *ab intio* extensive and now promising continental shelf.⁵⁵

Iceland and Russia, on the other hand, are the most vigorous opponents of Norway's view, ⁵⁶ both formally protesting against Norwegian policy. As Norwegian sovereignty over Svalbard is founded on a treaty rather than customary law, they argue that Norway's sovereignty is restricted. The Norwegian sovereignty granted by the 1920 Treaty is curtailed both geographically and in scope, and consequently does not provide to Norway a coastal state's legal access to claim or enforce a 200-mil. fisheries protection zone in the waters around Svalbard, or to claim jurisdiction on the continental shelf adjacent to Svalbard. Iceland and Russia, however, do not assert what kind of regime or authority should govern the Svalbard continental shelf, if any.

Article 31 of the Vienna Convention on the Law of the Treaties,⁵⁷ not acceded to by Norway, requires that a treaty be interpreted "in good faith in accordance with the ordinary meaning to be given to the terms of the treaty in their context and in the light of its objects and purpose." What is referred to as effective treaty interpretation could suggest that the Svalbard Treaty's provisions serve to protect the other treaty parties' interests more than Norwegian sovereign rights. The argument would be that the purpose of the Svalbard Treaty was to provide a degree of law and order to a *terra nullius* area, without altering the international legal character of it. Authors have indeed referred to Svalbard as "close to an internationalised area" or "l'internationalisation imparfaite." In the late Professor Johs. Andenæs' classic Norwegian law textbook, *Statsforvaltningen i Norge*, it was stated:

The sovereignty over Svalbard does not have the same exclusive character as sovereignty over territory elsewhere. It contains first of all a right and a duty to administer the area in the common interest of the international community.⁵⁹

A third view, and what appears to be the prevailing opinion internationally, provides recognition of Norway's full sovereignty over Svalbard and its jurisdiction in the maritime areas around the archipelago, but also concludes that Svalbard Treaty provisions must apply to these areas. Norwegian jurisdiction, originating in the 1920 Treaty, has necessarily the same geographical application as the Treaty provisions (i.e. the nondiscrimination principles must have the same physical extension as Norwegian jurisdiction). In 1986 the United Kingdom stated that, "in our view Svalbard has its own continental shelf, to which the regime of the Treaty of Paris [Svalbard Treaty] applies. The extent of this shelf has not yet been determined."

Robin Churchill and Geir Ulfstein arrived at the same conclusion in their 1992 book *Marine Management in Disputed Areas*.⁶¹ In a later work, Ulfstein reiterated that the geographical area to which the Svalbard Treaty applies has grown due to evolutionary concepts.⁶² Ulfstein argued that interpreted dynamically, the 1920 Treaty not only should

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be effectively understood in the context of what was intended when it was drafted in 1920, 307 but also comply with subsequent legal and social changes. 63 Since the Svalbard Treaty was 308 309 devised as a permanent settlement of the legal status of the archipelago, interpretations of the Treaty must consult developments in international law, in this case the emergence of 310 a new law of the sea, and other evolutionary concepts, such as the dynamic meaning of Svalbard "waters." As the nondiscriminatory principle of the Svalbard Treaty was explicitly applied to all legal maritime areas known 85 years ago, Ulfstein suggested the 1920 Treaty should also apply to the areas that are added to Svalbard through the development of 314 international law. 315

Churchill and Ulfstein argued that the term waters not only should be projected to the declared 200-mil. zone but, because archipelagos generate continental shelves under international law and since Norway already has used Svalbard as basis for the fisheries protection zone, it follows that Svalbard also has a continental shelf—separate from the mainland shelf—to which the 1920 Treaty provisions must apply.⁶⁴

321 Controversies Beyond the Territorial Sea

Norwegian jurisdiction within the Svalbard territorial sea has not been challenged in recent 322 years, although the 1996-99 Deputy Governor of Svalbard Rune B. Hansen explained in an article that he "on several occasions experienced that the Norwegian resolve to mark 324 sovereignty was put to the test," without elaborating.⁶⁵ In a 1999–2000 White Paper on 325 Svalbard, the government asserted that "Norwegian sovereignty over the archipelago has never stood stronger."66 327

International conflict over the status of Svalbard has arisen regarding the 200-mil. fisheries protection zone. Although Norway claimed to have the legal basis to create a Norwegian economic zone around the archipelago, it chose not to reserve the zone exclusively to nationals. In 1986, Norway introduced quota regulations to the fisheries protection zone,⁶⁷ allowing cod quotas to states with a historical record of fishing in the zone. The regulations were developed further in 1994, breaking the quotas down for individual states. Consistent with the nondiscriminatory principle, ⁶⁸ historical fishing was explicitly chosen as the criterion for allocation. In the 2005 White Paper on Arctic Policy, the Ministry of Foreign Affairs specified: "Regulations for the fisheries protection zone are designed so that they will not conflict with the Svalbard Treaty, even if it had applied to the fisheries protection zone."69

In 1993, the Norwegian Coast Guard stepped up its enforcement of Norwegian jurisdiction in the Svalbard 200-mil. zone by firing warning shots and the following year it began cutting fishing gear trawled by vessels without quotas in the zone.⁷⁰ On 5 August 1994, the crew on the Icelandic-owned trawler *Hagangur II* resisted Norwegian enforcement firing at Coast Guard personnel with small arms, whereupon the Coast Guard vessel Senja fired two rounds of nonexplosive shells at the trawler.⁷¹ The Hagangur II became the first vessel seized by Norwegian authorities in the Svalbard zone, followed in the fall of 1994 by two other Icelandic-owned trawlers.⁷²

As a rule the Norwegian Coast Guard refrains from taking sanctions against Russian vessels violating regulations in the Svalbard zone.⁷³ When the Coast Guard seized the Russian trawler *Chernigov* in the 200-mil. Svalbard zone in spring 2001, the Norwegian ambassador to Russia was presented with a sharp formal protest, and Russia questioned the future of bilateral fisheries cooperation.⁷⁴ The chairman of the Russian State Fisheries Committee, Yevgeniy Nazdratenko (later to become deputy secretary of the Security Council), threatened to have Norwegian Coast Guard vessels sunk if they intervened

again,⁷⁵ and Russian patrol vessels were deployed to the Svalbard zone to "protect" Russian trawlers from the Norwegian Coast Guard.⁷⁶ The following summer the Russian Northern Fleet deployed its large antisubmarine warfare (ASW) destroyer *Severomorsk* to the zone, a highly unusual power demonstration that was seen as being tied to the *Chernigov* seizure. Sensitive to the tension in the Svalbard zone, the Norwegian Ministry of Foreign Affairs instructed the Norwegian Coast Guard to abort its planned seizure of the Russian trawler *Okeanor* in 2004.⁷⁷

Iceland has repeatedly expressed its disapproval of its North Atlantic Treaty Organization (NATO) ally, protesting the Norwegian enforcement of jurisdiction in the 200-mil. zone around Svalbard. In 2003 Icelandic Prime Minister David Oddsson, in a dispute over herring quotas in the fisheries protection zone, threatened to bring a case to the International Court of Justice if the "Norwegian Coast Guard arrests Icelandic vessels fishing herring at Svalbard." The following year, Magnus Thor Hafssteinsson of the opposition Liberal Party announced he would raise the Svalbard issue in the Icelandic parliament *Althingi* and also called for a confrontation with Norway in the International Court of Justice. ⁷⁹

International protests have also been brought about when Norway has made exclusive moves onto the disputed Svalbard shelf. In 1985 the Norwegian government announced to its petroleum industry the opening of a new exploration area north of its mainland, stretching beyond latitude 74° north—the southern limit of the Svalbard box. The exploration area Barents Sea South crossed into the Svalbard box by half a degree, a political litmus test that resulted in a stronger international reaction than Norway had anticipated. The announcement sparked warnings from the Soviet Union and a sharp note from the United Kingdom, but in 1989 Norway still elected to establish the northern limit of the Barents Sea South program area at 74°30′. However, no exploration blocks have been announced in the northernmost parts of the Barents Sea South by the Norwegian government, thus allowing the issue to cool.

Subsequently, Norway has adopted a type of nondiscrimination regime for the Svalbard shelf—in the sense that the Barents Sea north of the latitude 74° north has in effect not yet been opened for exploration or exploitation to any parties. With today's pace of development, it is not likely to be opened in near future. Moreover, no foreign attempts have been made to exploit Svalbard shelf resources and no one has demanded a search license from the Commissioner of Mines at Svalbard to areas beyond territorial borders.⁸²

In the event of petroleum exploration beyond latitude 74° north, Norway would not be able to adopt a nondiscrimination petroleum management parallel to the fisheries regime based on historical activity. Norway therefore could be confronted with a set of treaty-related questions, including whether the Mining Ordinance (already made valid to the offshore) applies outside the territorial sea of Svalbard and whether taxation beyond the strict limits set by the Treaty is prohibited with respect to activities on the shelf.

Petroleum Interests

The continental shelf surrounding Svalbard has been attracting interest as the Arctic emerges as an important—and less icy⁸³—global petroleum region. The United States Geological Survey assessed that at least one-fourth of all the world's undiscovered petroleum reserves is located in the Arctic.⁸⁴ The volumetrically largest petroleum province in the world is located in the West Siberian Basin, and there are several other important basins in the Arctic parts of Russia, Norway, Canada, and the United States. Numerous geologically promising provinces are present in these latitudes.⁸⁵ Over the past few years, oil companies

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have shown more interest in the Norwegian Barents Sea based on soaring oil prices, promising oil discoveries in the "Goliat" structure north of mainland Norway, technological developments, and the March 2002 parliamentary approval for exploitation of the "Snøhvit" natural gas field in the southern Barents Sea. ⁸⁶ To date, 63 exploration wells have been drilled in the Norwegian part of the Barents Sea. ⁸⁷

The Barents Sea North, in contrast to the Barents Sea South has not been opened for exploration. Based on existing geological data, the Norwegian Petroleum Directorate has estimated that a total of 290 million Sm³[Au—please check Sm³?] oil equivalents are located in the northern parts of the Barents Sea⁸⁸ which surround Svalbard. The Norwegian Petroleum Directorate has repeatedly claimed it is possible that large petroleum discoveries exist in the northern regions of the shelf,⁸⁹ and in fall 2005, it initiated drilling in the Barents Sea North on the east coast of Svalbard to "gain more knowledge about the resource potential in the area." Looking to the Barents Sea, Norway's oil minister Thorhild Widvey stated in a press release on 15 May 2005 that, "I believe the north [nordområdene] will develop into one of Europe's most important petroleum-producing regions. Here, Norway has great opportunities."

For years, Russia has demonstrated its interest in the Svalbard shelf. Although closed for petroleum exploration, the Russian joint stock company Marine Arctic Geological Expedition (MAGE) resumed annual seismic surveys on the continental shelf around Svalbard in 2002. MAGE founded "to explore new hydrocarbon provinces on the Arctic shelf," also explored the Svalbard shelf from 1980 to 1988 on behalf of the Russian state. Norway consented to the seismic activity as *scientific research* in accordance with the Law of the Sea Convention Part XIII, as opposed to *petroleum exploration* which is prohibited. Despite this, the petroleum surveying company used its seismic vessel *Professor Kurentsov*, equipped to explore the petroleum resource potential, on the disputed shelf. Senior Geologist Fridtjof Riis at the Commissioner of Mines at Svalbard has offered the following assessment of the activity:

The seismic MAGE collects seems to be conventional deep-water seismic of the kind used in oil exploration. The way the transects are placed will normally show if they are most interested in regional mapping or oil exploration.⁹⁶

431 In its notification to Norwegian authorities, MAGE labeled its activity as seismic "research concerning the natural resources of the continental shelf or its physical characteristics."97 432 433 On the same form, the Russian company stated that visits to the ship by Norwegian scientists or authorities would not be accepted. It added that the research data would not be presented 434 to Norway, but would be placed in the Russian State Geological Archives in 2007. 98 Denied 435 Russian seismic data, at the request of the Ministry of Foreign Affairs, ⁹⁹ the Norwegian 437 Petroleum Directorate informed MAGE in 2005 that, "[u]pon completion of this cruise, the need for scientific data from this area will be considered to have been fulfilled." The 438 Ministry of Foreign Affairs turned directly to the Russian Embassy in Oslo on 23 March 439 2005 and stressed that, "exploring petroleum occurrences in the area is prohibited." ¹⁰¹ 440 Norway placed emphasis on breaches of the conditions for the Russian expeditions, adding that "further permissions with similar content cannot be expected." The Norwegian letter 442 443 pointed to Article 253 of the LOS Convention giving coastal states the right to "require the suspension of any marine scientific research activity in progress" on its continental shelf, 444 if the researching state does not grant access to research data on its request or if research is 445 not conducted in accordance with its notification to the coastal state. 103 It is unclear whether

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Russia will seek to continue its seismic exploration on the Svalbard shelf in 2006, 104 and 447

how Norway would respond to such a wish or activity.

Conflict Resolution

450 Court Settlement

451 The Svalbard Treaty itself does not outline procedures for settling disputes over treaty

- 452 interpretation. Nor has the Treaty been considered by an international court, treaty
- conference, or tribunal. The question of the Treaty's geographical application, however, was 453
- raised in the Norwegian Supreme Court in the 1996 Påtalemyndigheten v. Sigurd Haraldson, 454
- 455 Rederiet Utgerdarfelag Dalvikinga HF, Jon Nolsø Olsen and Rederiet Skridjökull HF
- case. 105 In August 1994 1 month after Norway excluded vessels from outside Russia, the 456
- 457 European Union (EU), the Faroe Islands, and Poland from fishing cod in the Svalbard
- zone, two Icelandic-owned trawlers registered in Iceland and Panama were seized by the 458
- 459 Norwegian Coast Guard and the captains and the ship owners were put to trial for illegal
- fishing. When the case reached the supreme court in 1996, the defendants argued that 460
- "Norway's jurisdiction goes so far as—and no longer than—authorized by the treaty." 106 461
- 462 Moreover, they claimed that the Svalbard Treaty should be considered on the same terms as
- 463 national legislation. It was argued that the quota regime violated the nondiscrimination
- principle established by the Svalbard Treaty. The condition of equality—set by the 464
- 465 Treaty—was absolute, the defendants argued.
- The supreme court, however, ruled that Norway had jurisdiction in the 200-mil. fisheries 466 467
- protection zone, which was lawfully authorized in the Economic Zone Act of 1976, allowing 468 the establishment of sea areas off the Kingdom of Norway. According to the Svalbard
- Act of 1925, the kingdom includes Svalbard. Furthermore, national regulations based on 469
- 470 traditional fishing were found to be nondiscriminatory. Accordingly, the supreme court
- did not consider whether the Svalbard Treaty provisions should or should not apply to the 471
- 200-mil. zone. The court stated:
- 473 It is not necessary . . . to decide on the geographical application of the Svalbard
- 474 Treaty, as I cannot see that Norway's treaty obligations in any event have been
- neglected through the cod fish regulations implemented. 107 475
- The jurisdiction issue was raised again in Norwegian courts in the 2004 Påtalemyndigheten 476
- v. Pesqueres Laurak Bat S. A. case. 108 Two Spanish trawlers fishing in the 200-477
- mil. Svalbard zone were seized by Norwegian authorities after inspections uncovered 478
- 479 serious discrepancies between logged and real catches. The defendants invoked the
- 480 nondiscriminatory principle of the Svalbard Treaty and argued that if the Treaty provisions 481 do not apply beyond the established belt of territorial sea, neither does the provision granting
- 482 Norway jurisdiction. It was further argued that Norway's enforcement of jurisdiction was
- 483 "fundamentally discriminatory" and in violation with Treaty obligations.
- 484 In fact, Russian fishing vessels do not report to Norwegian authorities.
- 485 The limited control with Russian vessels must be regarded as an unfair
- discrimination against other nations. Over the last 25 years there have been only 486
- 487 two Russian seizures in the protection zone, compared to numerous seizures in
- the mainland zone. 109 488

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The Nord-Troms Tingrett judgment concluded that the 200-mil. Svalbard zone was internationally recognized: "The establishment of the fisheries protection zone has not caused any state to file a case against Norway to the court in The Hague. Accordingly, the fisheries protection zone has been legally recognized." The court further repeated the 1996 supreme court conclusion that the 200-mil. zone quota regime is nondiscriminatory and hence in line with Treaty provisions even if they did apply to the zone, and the majority of the court could not see that vessels from Russia were favored over other nationalities in Norwegian Svalbard zone enforcement. The ruling has been appealed to the higher Hålogaland Lagmannsrett court. The final outcome of the Pesqueres Laurak Bat S. A. case and its political aftermath is uncertain and the EU Commission is watching the procedure closely.111

After decades of conflict, no state has moved to challenge Norway at the International Court of Justice with respect to interpretation or application of the Svalbard Treaty. Although Norway recognizes the compulsory jurisdiction of the court, Russia does not. 112 Neither does Iceland, which took no part in the 1973 International Court of Justice Fisheries Jurisdiction Case, 113 arguing that fisheries were of "vital interests of the people of Iceland" and that therefore Iceland was "not willing to confer jurisdiction on the Court" in such matters.114

For Russia, the present Svalbard regime has even been found to be quite favorable. Kristian Atland, a researcher at the Norwegian Defense Research Establishment, pointed to the fact that Russia takes one-fourth of its total Barents Sea fish catch from the Svalbard zone.

- 511 In a broader perspective, little suggest that Russian authorities have an interest 512 in provoking a judicial chaos in the fisheries protection zone. This would lead to increased pressure from third states with no tradition of fishing there. 115 513
- This situation is less applicable to Iceland, which sees itself as being deprived of cod quotas in the fisheries protection zone and chronically dissatisfied with its Svalbard quotas on Norwegian spring-spawning herring. Accordingly, Iceland has initiated an assessment of the risk of filing a case against Norway. 116 Although controversial, the Svalbard fishing 517 regime functions as intended in the sense that Norwegian regulations are generally respected and provide a sustainable management of the resources in the area. 117 Collapse of the fish 519 520 stocks due to mismanagement, as happened with the herring in the 1960s, would also affect Iceland's industry. With an economy heavily dependent on fish exports, ¹¹⁸ Iceland requires 521 522 sustainable management of ocean resources and successfully challenging Norway's fishing 523 regime regarding Svalbard may not be in Iceland's best interests.

Even if the Svalbard Treaty provisions were made applicable to the 200-mil. zone by an international decision, Norway would retain jurisdiction in the area. Further, allowing fishing quotas based on historical activity would most likely remain recognized as a nondiscriminatory allocation principle in international law. A decision favorable to Iceland could lead to a stricter enforcement of Norwegian jurisdiction and regulations in the 200-mil. zone, as it no longer could be legally disputed. Hence, it is not necessarily in Iceland's best interests to seek a judicial confrontation over the present regime, which in its flexible, unsettled form can be perceived as favorable to it. By filing a case and not being successful, Iceland could risk paving the way for a Norwegian EEZ around Svalbard.

The Svalbard offshore picture is complicated by the fact that petroleum resources in the continental shelf surrounding Svalbard cannot be governed in the same way as fish

in the 200-mil. zone. States favored by the present fisheries regime could hardly expect similarly lucrative stakes on the shelf if it were opened for exploitation. Indications of large petroleum reservoirs in the disputed shelf could therefore distort their assessments of the risks associated with bringing a case on the geographical scope of the Svalbard Treaty before an international tribunal.

In general, incentives for filing a case against Norway would be stronger for states not already benefiting from the present management of Norwegian Sea and Barents Sea resources. Moreover, prospects of large petroleum reserves could accelerate the need for clarity regarding the Svalbard continental shelf.

545 The Role of the CLCS

One process that is proceeding is the establishment by Norway of the outer limit of its continental margin. In 2006, Norway will make its submission to the CLCS. The Commission, composed of experts on geology, geophysics, and hydrography, ¹¹⁹ is to make recommendations on the outer limits of shelves stretching beyond 200 mil., based on technical data submitted from coastal states. According to Article 76(8) of the LOS Convention, the outer limits of the continental shelf established by the coastal state "on the basis" of the CLCS recommendations "shall be final and binding."

Claiming one continuous continental shelf, the disputed Svalbard shelf is expected to be incorporated in the Norwegian submission to the CLCS. The Commission is to be informed by the coastal state making the submission about situations of "unresolved land or maritime disputes." For instance, Russia and Norway have jointly defined the shelf area affected by their long-term delimitation dispute in the Barents Sea and made this known to the CLCS when Russia submitted its proposed outer limits to the CLCS. 121 According to Norway, their joint statement enables the CLCS to consider the already submitted Russian claim, and also the later submission from Norway.

Without predestining the outcome of delimitation discussions undertaken by Norway and Russia, this enables the commission to consider the question of the physical extension of the continental shelf and thereby its outer limits toward the international seabed in the Arctic Ocean. 122

Without prior approval from all parties to a dispute, the CLCS does not have competence to consider submitted outer limit claims. What constitutes "disputes" is not elaborated on, but the Charter of the United Nations distinguishes between a *situation* "which might lead to international friction or give rise to a dispute," and a *dispute* "the continuance of which is likely to endanger the maintenance of international peace and security." It the Svalbard shelf issue were defined as the latter, all parties to the dispute would have to consent before the outer limits of the entire northern region of the Norwegian shelf claim could be weighed by the CLCS. "All parties" in this context could imply parties to the Svalbard Treaty, although receiving approval from each of an indefinite number of parties 126 would seem highly complicated, if not illusionary.

The LOS Convention indicates that the CLCS itself is not in position to determine whether the Svalbard issue constitutes an unsolved maritime dispute that Norway should report to the Commission. ¹²⁷ Norway, however, does not seem to view the Svalbard controversy as relevant for its CLCS submission. Director General Rolf Einar Fife of the Department for Legal Affairs at the Ministry of Foreign Affairs stated to *Svalbardposten*:

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580 This is quite unproblematic. It is a technical job, and it has nothing to do with 581 the Svalbard Treaty. The treaty has no relevance to modern law of the sea. [...] 582 The work has proceeded steadily, and there are clear technical criteria for what 583 to examine. 128

In the event that the Svalbard continental shelf is not seen as disputed, a CLCS 584 recommendation might lead to Norway's consolidating jurisdiction over a single, 585 continuous shelf that stretches from its mainland, encompasses Svalbard, and extends 586 far into the Arctic Ocean where it plunges into the deep sea some 800 nm from northern 587 Norway. 129 588

The case for a large "no-man's continental shelf" in the Barents Sea, within the shelf limits that Norway is bound by, arguably would be weakened. A firm establishment of Norwegian jurisdiction over the entire shelf does not, however, settle whether Svalbard Treaty provisions should apply to parts of it. On one hand, it can be argued that shelf limits determined in line with Commission recommendations also establish the geographical area to which the LOS Convention applies. Accordingly, when final and binding, the outer limits of the shelf also decide the physical extension of the exclusive shelf rights of the coastal state. Within such limits, modern law of the sea could be said to prevail over other legal regimes.

On the other hand, as the CLCS is an expert panel explicitly without competence to settle disputes, the dominant opinion is that the CLCS procedure is of a technical rather than legal character. Even if the CLCS recommendation of the outer limits confirms Norwegian jurisdiction over the entire shelf, it does not settle what provisions apply to the shelf. Since the dispute over the Svalbard shelf is not about the physical characteristics of the shelf, the establishment of its geological limits would leave the dispute unresolved.

Negotiation and Diplomacy 604

- Norway sees no need to initiate a negotiated settlement over the Svalbard continental shelf dispute. As Minister of Foreign Affairs Jan Petersen state: 606
- 607 In our opinion the shelf question around Svalbard is settled. We have a clear 608 understanding of how the judicial questions are to be understood. We have to note that not everyone agrees, but in that case it would be up to these others to 609 610 take initiative and to try their case. 130

However, Article 33(1) of the Charter of the United Nations imposes on all parties to 611 a dispute the duty to seek a solution by peaceful means. Dispute settlement is normally 612 first sought through negotiation. In the case of the maritime delimitation dispute between Norway and Russia, bilateral negotiations have been taking place since the early 1970s. 614 615 A similar approach has not been applied to the Svalbard shelf conflict. Although Russia has emerged as the prime challenger to the Norwegian shelf claim, the two states have 616 not brought the Svalbard question into their bilateral negotiations over jurisdiction in the Barents Sea. State Secretary Kim Traavik at the Ministry of Foreign Affairs confirmed that

there is no interest in attaching the Svalbard issue to bilateral jurisdictional negotiations with Russia since it is "not a question of delimitation." 131 While also ruling out negotiations over shelf jurisdiction, Minister of Foreign Affairs Petersen presently has found no reason to provoke the international community by opening

the Barents Sea North for petroleum exploration in the near future. He stated that "we

cannot enter the disputed areas, but there are many opportunities in the undisputed areas."
 Traavik confirmed that Barents Sea North exploitation "lays some where in the future, so we have some time."

The Svalbard Treaty interpretation issue likewise has not been raised in the Russo-Norwegian energy dialogue, which seemed to take a new turn when the two states signed an energy partnership agreement in summer 2005. 134 During Prime Minister Bondevik's June visit to the Kremlin, Russian President Vladimir Putin told him "we have good prospects in the field of oil and gas." 135 Two Norwegian companies are considered on equal terms with other foreign short-listed petroleum corporations as stakeholders in "Shtokmanovskoye," one of the world's largest gas fields located in the Russian Barents Sea.

Rather than being concerned with a settlement of Svalbard issues through diplomatic relations with Russia, Norway has increasingly sought recognition of its view from its traditional military allies. In 2005, the government initiated the so-called *nordområdedialoger* with the United States, Germany, the United Kingdom, France, Canada, and the EU. The dialogues include a wide range of Arctic-related topics, but winning support—or, rather understanding—for the Norwegian interpretation of international law is an important element. When Prime Minister Kjell Magne Bondevik presented the government White Paper on Arctic Policy at a press conference in 2005, he stated that: "we work to gain understanding for the Norwegian view internationally." Traavik also confirmed that disputes over Svalbard Treaty interpretations would be discussed in *nordområdedialogene* with what he called "our most important partners." When asked about the prospects of opening the Barents Sea North for petroleum exploration, he stated:

One of the reasons for wanting these broad *nordområdedialoger* is that we want to explain to our partners and make them aware of all dimensions around these issues, and I am sure it will become part of their basis for assessment.¹³⁸

The parliament *Stortinget* supports the government strategy. On 9 June 2005, the Standing Committee on Foreign Affairs unanimously stated that "bilateral dialogues with Canada, France, the United Kingdom, Germany, the USA and the EU will become very important in the time to come" and stressed the need for obtaining "international understanding for the necessary control and enforcement measures" in the Svalbard zone.¹³⁹

Handling the Svalbard issue as a matter of international politics, Norway is seeking reassurances from traditional military allies in Europe and North America and seeking improved conditions for enforcing jurisdiction in Svalbard waters. A political rather than legal approach to Svalbard disputes calls for an analysis of the international *structure* relevant to Arctic waters.

The Norwegian diplomatic initiatives can be understood as an attempt to increase the state's leverage in a post-cold war political balancing act where its traditional allies have not only military, but also strategic, petroleum interests in the north. Further structural analysis falls outside the scope of this article, but evidently the dispute over the Svalbard shelf will remain susceptible to policy shifts and international structural changes so long as the issue escapes resolution.

Conclusions

The controversy over the Svalbard continental shelf is seen primarily as a legal conflict arising from differences in treaty interpretation. Norway holds that its granting of

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sovereignty over Svalbard in the 1920 Svalbard Treaty is sufficient to allow it exclusive rights to maritime areas beyond the Treaty-governed Svalbard territory. Iceland and Russia question the legal basis for Norway's claimed jurisdiction over geographical areas not specified by the Svalbard Treaty. A third view, held by the United Kingdom and others, questions Norway's exclusivity to such maritime areas, arguing that the nondiscriminatory principles of the Svalbard Treaty must be applied.

The dispute is not soon to be settled by a judicial process. This article has noted that the challenging states, benefiting from the present resource management regime in the Barents Sea, even after decades of conflict may continue to refrain from submitting a case to an International Court. The article has also concluded that the determination of the outer limits of the Norwegian continental shelf, even if based on the recommendation of the CLCS, will not offer a final settlement to the issue—although it could cement Norwegian jurisdiction over the shelf. Norway, while having its enforcement on the disputed shelf challenged by Russian seismic activity, is not seeking a negotiated settlement because it already regards the shelf question as legally clarified.

Norway's diplomatic efforts to win international understanding for its resource management off Svalbard will not result in a settlement either, although it could raise recognition of the present regime. In the absence of a definitive settlement, Norwegian policy on shelf exploration and jurisdiction enforcement will remain responsive to shifts in foreign policy, sentiments, and international structures.

With an increased international focus on the north as a strategic global petroleum region, the unclear legal status of the Svalbard shelf leaves it susceptible to new energy and economic alliances, altered assessments of state interests, the introduction of new political actors to the region, and the evaporation of cold war NATO loyalty. While on a political rather than an adjudicative track, the dispute over the Svalbard continental shelf calls for a wider analytical approach than legal approaches can offer.

Notes

- 1. Norwegian Continental Shelf 01/2004.
- 2. T. Pedersen, "Vil kreve sokkelen under Nordpol-isen" in Svalbardposten 09/2003 and Statement by the Chairman of the Commission on the Limits of the Continental Shelf (CLCS) on the progress of work in the Commission on 30 April 2004, available at www.un.org/Depts/los/clcs_new/clcs/home.html.
- 3. Norway renamed the archipelago from the Dutch "Spitsbergen" to Old Norse "Svalbard" in 1925. There is now the Svalbard archipelago and its largest island, Spitsbergen (formerly known as Western Spitsbergen). In this article, Spitsbergen will apply to the archipelago prior to 1925, otherwise Svalbard will be used.
- 4. Treaty Concerning the Archipelago of Spitsbergen, 2 *L.N.T.S.* 7 (hereinafter the 1920 Svalbard Treaty).
- 5. See A. C. Sjaastad and J. K. Sogan, *Politikk og sikkerhet i Norskehavsområdet. Om de enkelte land og våre felles problemer* (Oslo: Dreyers Forlag, 1975), 232. See also G. Ulfstein, *The Svalbard Treaty* (Oslo: Scandinavian University Press, 1995), 422.
- 6. "Exports by sections and divisions of the SITC [Standard International Trade Classification]," Statistics Norway, available at www.ssb.no/muh/mu2004/tab09–01.html.
- 711 7. St. meld. nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 7 (trans. from 712 Norwegian).
 - 8. Innst. S. nr. 264 (2004–2005) Innstilling fra utenrikskomiteen om muligheter og utfordringer i nord (trans. from Norwegian).
 - 9. Norwegian Continental Shelf 01/2004.

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- 10. Jan Mayen Conciliation Report, reprinted in 20 *I.L.M.* 797 (1981).
- 717 11. Agreement on the Continental Shelf between Iceland and Jan Mayen, Oct. 22, 1981, 718 reprinted in 21 *I.L.M.* 1222 (1982).
 - 12. Greenland/Jan Mayen Maritime Delimitation, [1993] I.C.J. Rep. 38.
- 13. Agreement between the Government of the Kingdom of Denmark and the Government of the Kingdom of Norway concerning the delimitation of the continental shelf in the area between the Faroe Islands and Norway and concerning the boundary between the fishery zone near the Faroe Islands and the Norwegian economic zone, June 15, 1979.
 - 14. Stortingsmelding nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 22–23.
- 15. K. Raustialia and A.M. Slaughter, "International Law, International Relations and Compliance" in *Handbook of International Relations*, ed.W. Carlsnaes, T. Risse, and B.A. Simmons (London: Sage, 2005), 540.
 - 16. Russia claims that *pomors* (Russian merchants) discovered Svalbard first, perhaps as early as in the fifteenth century. Based on twelfth century Icelandic sailing annals, Norway believes that Norse explorers discovered it first. See T. B. Arlov, *Svalbards historie* (Trondheim: Tapir Akademisk Forlag, 2003), 50–53, for further discussion.
 - 17. T. Mathisen, Svalbard i internasjonal politikk 1871–1925 (Oslo: Aschehoug, 1951), 3.
 - 18. Arlov, supra note 16, at 62–63.
- 19. M. Conway, No Man's Land: A History of Spitsbergen from Its Discovery in 1596 to the Beginning of the Scientific Exploration of the Country (Oslo: Damms Antikvariat, 1995 [Cambridge University Press, 1906]), 51–64.
 - 20. Mathisen, supra note 17, at 3.
 - 21. Conway, supra note 19, at 65.
 - 22. A. Hoel, Svalbard (Oslo: Sverre Kildahls Boktrykker, 1966) 44–46.
- 740 23. Arlov, supra note 16, at 72.
- 741 24. Hoel, supra note 22, at 48, and Sjaastad and Skogan, supra note 5, at 219.
- 25. Lecture by the Ministry on 10 March 1871, quoted in Hoel, supra note 22, at 61 (trans.from Norwegian).
- 744 26. See R. Berg, *Norge på egen hand 1905–1920. Norsk utenrikspolitisk historie, Bind 2* (Oslo: 745 Universitetsforlaget, 1995), 169–171.
 - 27. Ibid., at 278-279.
 - 28. W. Østreng, Økonomi og politisk suverenitet: Interessespillet om Svalbards politiske status (Oslo: Universitetetsforlaget, 1974), 51.
 - 29. Lov om Norges territorialfarvann og tilstøtende sone, June 27, 2003, art. 2 and 5.
 - 30. Mining Ordinance for Spitsbergen (Svalbard), chap. I, sec. 1.
- 751 31. Royal Decree, Bergverksordning for Spitsbergen (Mining Ordinance for Spitsbergen), 752 Aug. 7, 1925.
 - 32. Mining Ordinance for Spitsbergen (Svalbard), chap. I, Sec. 2.
 - 33. Ibid., chap. III, sec. 14.
- 755 34. See R. Churchill and G. Ulfstein, *Marine Management in Disputed Areas: The Case of the Barents Sea* (London: Routledge, 1992), 31–32. See also Ulfstein, supra note 5, at 312–316.
 - 35. See C. A. Fleischer, *Svalbardtraktaten. En utredning hvor også nye styreformer på Svalbard vurderes* (1997), at 11–16, and C. A. Fleischer, "Svalbards folkerettslige stilling," in *Norges havretts-og ressurspolitikk*, ed. A. Treholt, K. N. Dahl, E. Hysvær, and I. Nes (Oslo: Tiden Norsk Forlag, 1976), 139–140.
 - 36. Letter from the Norwegian Ministry of Industry and Håndverk to the Commissioner of Mines at Svalbard dated 3 June 1966, reprinted in *Bergverksvirksomhet på Svalbard. Lover og regler mm* (Jan. 2002): 11
- 763 mm (Jan. 2002): 11.
 764 37. Letter from the Norwegian Ministry of Industry and Håndverk to the Commissioner of
 765 Mines at Svalbard dated 11 March 1967, reprinted in Bergverksvirksomhet på Svalbard. Lover og
 766 regler mm (Jan. 2002): 16.
- 767 38. 499 *U.N.T.S.* 311.
- 768 39. 516 *U.N.T.S.* 205.

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- 40. O. G. Skagestad, De norske besittelser i Nord-Ishavet. En sikkerhetspolitisk analyse.
 Utarbeidet i 1971 på oppdrag av E-staben (Forsvarets Overkommando), declassified on May 27,
 2004, at 25 (trans. from Norwegian).
 - 41. Ibid., at 26 (trans. from Norwegian).
 - 42. Lov om Norges økonomiske sone, Dec. 17, 1976.
- 43. Forskrift om Norges økonomiske sone, Dec. 17, 1976.
- 44. S. Andresen, B. Fløistad, A. Underdal, and W. Østreng, Forvaltningen av norske
 havområder (Oslo: Fridtjof Nansens Institutt, 1985), 24, and St.meld. nr. 30 (2004–2005) Muligheter
 og utfordringer i nord, at 23.
 - 45. Forskrift om fiskevernsone ved Svalbard, June 3, 1977.
- 46. See 1982 LOS Convention, art. 77, and R. R. Churchill and A. V. Lowe, *The Law of the Sea* (Manchester: Manchester University Press, 1999) 144–145, and Ulfstein, supra note 5, at 424.
- 781 47. 1982 LOS Convention, art. 76, and see, generally Churchill and Lowe, supra note 46, at 148–150.
- 783 48. 1982 LOS Convention, art. 76(8).
 - 49. Lov om Norges territorialfarvann og tilstøtende sone, June 27, 2003.
 - 50. T. Pedersen, "Svalbard vokser med 35 prosent" in Svalbardposten 38/2002.
- 51. C. A. Fleischer, "Den økonomiske sone, kontinentalsokkelen og territorialgrensen" in Treholt et al., supra note 35, at 91.
 - 52. C. A. Fleischer, *Petroleumsrett* (Oslo: Universitetsforlaget, 1983), 215–216.
- 789 53. C. A. Fleischer, *Folkerett* (Oslo: Universitetsforlaget, 1988), 31–32, 34, and C. A. Fleischer, 790 *Svalbardtraktaten*, supra note 35, at 5–7.
 - 54. Quoted in Fleischer, Svalbardtraktaten, supra note 35, at 46.
- 792 55. J. J. Holst, "Norsk havretts-og nordpolitikk" in *Norsk Utenrikspolitikk*, ed. J. J. Holst and D. Heradstveit (Oslo: Tano, 1985), 362.
 - 56. St. meld. nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 23.
- 795 57. 1155 *U.N.T.S.* 331.
 - 58. R. Hofman, "Spitsbergen/Svalbard" in *Encyclopedia of Public International Law* (Amsterdam: North Holland, 1990), and L. Delbez, "Le concept d'internationalisation," in *R.G.D.I.P.*, 1967, Tome LXXI, respectively, quoted in Ulfstein, supra note 5, at 123–124.
- 59. J. Andenæs, *Statsforvaltningen i Norge* (Oslo: Tano, 1990), 84 (trans. from Norwegian). The formulation has been changed in later editions.
 - 60. House of Lords Debates, vol. 477, July 2, 1986, quoted in Ulfstein, supra note 5, at 422.
 - 61. Churchill and Ulfstein, supra note 34, at 40–51.
- 803 62. Ulfstein, supra note 5, at 87–89.
 - 63. Ibid., at 83–89, 479.
 - 64. Churchill and Ulfstein, supra note 34.
- 65. R. B. Hansen, "Kriminalitet og strafferett på Svalbard—Del I," in *Lov og rett 2000*, at 574 (trans. from Norwegian).
 - 66. Stortingsmelding nr. 9 (1999–2000) Svalbard, at 9 (trans. from Norwegian).
- 809 67. Stortingsmelding nr. 45 (2003–2004) Om dei fiskeriavtalane Noreg har inngått med andre land for 2004 og fisket etter avtalane i 2002 og 2003, at 12.
- 811 68. Traditional fishing has been accepted as a nondiscriminatory allocation principle by the
 812 European Court in the *Anklagemyndigheden v. Jack Noble Kerr* case and the *Albert Romkes v. Officier*813 *van Justitie for the District of Zwolle* case. See Ulfstein, supra note 5, at 452.
- 69. St.meld. nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 23 (trans. from Norwegian).
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 - 81. Ibid.
- 834 82. Stated by representative at the Commissioner of Mines at Svalbard in telephone interview on June 3, 2005.
- 83. The report *Impacts of a Warmer Arctic: Arctic Climate Impact Assessment* (Cambridge University Press, 2004), 13, concluded that the "average extent of sea-ice cover in summer has declined by 15–20% over the last 30 years. This decline is expected to accelerate, with the near total loss of sea ice in summer projected for late this century."
- 84. The USGS Petroleum Assessment 2000, quoted in an e-mail from Dr. Donald Gautier at the U.S. Geological Survey to the author on May 10, 2005. The assessment does not include the Norwegian part of the Barents Sea.
- 843 85. Stated in an e-mail from Dr. Donald Gautier at the U.S. Geological Survey to the author on May 10, 2005.
 - 86. Petroleumsforekomstene på norsk kontinentalsokkel 2003, at 54.
 - 87. "Leting I Barentshavet feirer 25 år," Aug. 15, 2005.
- 84. Slideshow by Per Blystad at the Norwegian Petroleum Directorate, e-mailed to the author on May 12, 2005.
 - 89. See Petroleumsressursene på norsk kontinentalsokkel 2003, at 19–28.
- 90. Norwegian Petroleum Directorat press release, "Nye grunne boringer i Barentshavet nord,"
 Aug. 17, 2005 (trans. from Norwegian).
- 91. Norwegian Ministry of Petroleum and Energy press release, "Økt satsning på nordområdene," May 15, 2005 (trans. from Norwegian).
- 92. Notification from MAGE to Norwegian Petroleum Directorate, Ministry of Foreign Affairs of Norway and Directorate of Fisheries, dated Jan. 18, 2005.
 - 93. MAGE home page, available at www.mage.ru/eng/about.html.
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 - 95. T. Pedersen, "Russisk tokt på sokkelen," in Svalbardposten, 10/2004.
 - 96. E-mail from Fridtjof Riis to the author on June 8, 2005.
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 - 98. Ibid.
- 99. Letter from Ministry of Foreign Affairs to the Norwegian Petroleum Directorate, Mar. 4, 2005.
- 100. Letter from the Norwegian Petroleum Directorate to MAGE, Mar. 29, 2005.
- 101. Letter from the Ministry of Foreign Affairs to the Russian Embassy in Oslo, Mar. 23, 2005(trans. from Norwegian).
- 869 102. Ibid.
- 870 103. Ibid.
- 871 104. MAGE has not responded to the author's inquiries.
- 872 105. Supreme Court ruling in case lnr 45b/1996 snr 197/1995 of May 7, 1996.
- 873 106. Ibid., at 6 (trans. from Norwegian).
- 874 107. Ibid., at 13 (trans. from Norwegian).
- 875 108. Nord-Troms Tingrett ruling in cases 04-1285M, 04-1940M and 04-1941M of Dec. 20, 876 2004.

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- 877 109. Ibid., at 10 (trans. from Norwegian).
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- 879 111. P. Christiansen, "Folkerett og politikk i nord" in Aftenposten, June 28, 2005.
- 880 112. International Court of Justice home page, available at www.icj-cij.org/icjwww/ 881 igeneralinformation/ibbook/Bbookchapter3.HTM.
- 882 113. Fisheries Jurisdiction [1973] I.C.J. Rep. 3 and [1974] I.C.J. Rep. 3.
- 883 114. Letter from the Minister of Foreign Affairs of Iceland to the International Court, on May 884 29, 1972, reproduced in Fisheries Jurisdiction, [1973] I.C.J. Rep. 3, 7-8.
- 885 115. Åtland, supra note 74, at 5 (trans. from Norwegian). Jørgen Holten Jørgensen concluded 886 similarly. See Jørgensen, supra note 74.
- 887 116. Christiansen, supra note 111, and Norges Fiskarlag home page available at 888 http://www.fiskarlaget.no/nyheter/news.asp?Key = 233.
- 117. A. H. Hoel, "Fiskeriforvaltingen i nordområdene" in Horisont (forthcoming). See also 890 Hønneland, supra note 73, at 85–88.
 - 118. Iceland's fishing industry provides 70% of its export earnings. CIA: The World Factbook, available at www.cia.gov/cia/publications/factbook/geos/ic.html#Econ.
- 893 119. 1982 LOS Convention, Annex II, Commission on the Limits of the Continental Shelf, art. 894 2(1).
- 895 120. Rules of Procedure of the CLCS, Appendix I, art. 2(a), available on the CLCS Web site, 896 supra note 2. See also art. 9 of Annex II, supra note 119.
- 897 121. Stortingsmelding nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 23 (trans. from 898 Norwegian).
- 899 122. Stortingsmelding nr. 30 (2004–2005) Muligheter og utfordringer i nord, at 23 (trans. from 900 Norwegian).
 - 123. Rules of Procedure of the CLCS, supra note 120, art. 1 and 5(a).
- 902 124. U.N. Charter, art. 34.
- 903 125. U.N. Charter, art. 33(1).
- 904 126. The governor of Svalbard suggested there are 39 parties to the Svalbard Treaty, available at 905 www.sysselmannen.svalbard.no/eng/. Geir Ulfstein estimated that, after the dissolution of the Soviet 906 Union, Yugoslavia, and Czechoslovakia and the unification of Germany, there are 41 parties. See 907 Ulfstein, supra note 5, at 157–163 for further discussion.
- 908 127. Personal correspondence by e-mail with representative of the United Nations on May 6, 909 2005. The officer added that the issue is "of speculative nature and we are not in a position to offer 910 any comment."
- 911 128. T. Pedersen, "Vil kreve sokkelen under Nordpol-isen" in Svalbardposten, 09/2003 (trans. 912 from Norwegian).
- 913 129. In a press release of Aug. 12. 2005, the Norwegian Petroleum Directorate indicated that 914 the northern limit of the Norwegian shelf is between 84° and 85° north.
- 915 130. Interview with Minister of Foreign Affairs Jan Petersen on Apr. 15, 2005 (trans. from 916 Norwegian).
- 917 131. Interview with State Secretary Kim Traavik on Apr. 15, 2005 (trans. from Norwegian).
- 918 132. Interview with Minister of Foreign Affairs Jan Petersen on Apr. 15, 2005 (trans. from 919 Norwegian).
 - 133. Interview with State Secretary Kim Traavik on Apr. 15, 2005 (trans. from Norwegian).
- 921 134. Reuters, June 20, 2005.
- 922 135. Reuters, June 20, 2005.
- 923 136. Prime Minister Kjell Magne Bondevik at press conference in Tromsø, Apr. 15, 2005 (trans. 924
- 925 137. Interview with State Secretary Kim Traavik on Apr. 15, 2005 (trans. from Norwegian).
- 926 138. Interview with State Secretary Kim Traavik on Apr. 15, 2005 (trans. from Norwegian).
- 927 139. Innst. S. nr. 264 (2004–2005) Innstilling fra utenrikskomiteen om muligheter og 928 utfordringer i nord (trans. from Norwegian).