

# The Whaling Station at Hawke Harbour, Labrador

## A Case Study in the Unsustainable Exploitation of Marine Natural Resources

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## **The Whaling Station at Hawke Harbour, Labrador:** A Case Study in the Unsustainable Exploitation of Marine Natural Resources

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*Anthony B. Dickinson and Chesley W. Sanger*

Four centuries of unregulated whaling reduced the numbers of slow-moving bowhead, northern right, and sperm whales to commercially uneconomic levels by the mid-nineteenth century. Faced with the need to utilize new stocks and species to continue what had been a profitable industry for many, methods and equipment were gradually developed to allow the capture of unexploited faster-swimming species such as blue, fin, humpback, and sei. These were combined in the mid-nineteenth century when the Norwegian sealer Svend Foyn mounted a cannon capable of firing a grenade-tipped harpoon onto the bow of a steam-driven catcher, bringing about the immediate transition from “traditional” to “modern” or “industrial” whaling. All the stocks of large whales now faced reduction, initially by vessels operating from shore stations, then from the mid-1920s by pelagic fleets of catchers supplying purpose-built factory ships.<sup>1</sup> The effectiveness of the catcher–explosive harpoon combination was such that, in three decades, Norwegian whalers destroyed the stocks on their Finnmark hunting grounds, forcing them to spread their operations globally. The killing of a fin whale near Baccalieu Island on 26 June 1898<sup>2</sup> not only introduced modern industrial whaling to North America, but also briefly led to whaling replacing the spring seal fishery as Newfoundland’s most important industry after the salt cod trade.

The lack of effective regulations and the search for quick profits

made commercial whaling a cyclical process, with each phase involving the discovery and exploitation of a new or regenerated stock, subsequent



Figure 1. Newfoundland and Labrador whaling stations, 1898–1972 (A.B. Dickinson and C.W. Sanger, *Twentieth-Century Shore-Station Whaling in Newfoundland and Labrador* [Montreal and Kingston: McGill-Queen's University Press, 2005]).

competition and overexploitation, stock decline, and closure. Between 1898 and 1972, when the Canadian government placed a moratorium on non-Indigenous whaling, the Newfoundland and Labrador shore-based industry passed through four such phases<sup>3</sup> (1898–1919; 1920–37; 1938–51; 1952–72) wherein at one time or another 27 mostly small and highly speculative companies operated 21 stations (Figure 1) and some 60 vessels (Appendix 1: The Hawke Harbour Whaling Fleet) to process at least 20,000 whales, primarily (65 per cent) fin.

The industry reached Labrador in 1904 with the opening of stations at Cape Charles (1904–12) and L'Anse-au-Loup (1904–05), followed by Hawke Harbour (1905–59) (Figure 2) and Grady Island (1926–30). Only that at Hawke Harbour was successful, despite commencing at the peak of the industry, when 10 vessels working from 14 stations killed 1,275 whales, a pressure that could not be sustained. As a result, the catch per station declined by 40 per cent, from 91 in 1904 to 53 in 1905, and then by a further 50 per cent in 1906. Companies were dissolved or amalgamated, with the cessation of whaling, albeit temporarily, from Hawke Harbour in 1919 bringing an end to the first phase of the Newfoundland and Labrador industry.

However, Hawke Harbour was reactivated in 1923 because of the post-World War 1 demand for oil, the lack of competition, and its proximity to the northern migration limits of the whales, where blubber thickness and oil yield were at a maximum. Neither was there a resident human population to influence company operations by complaining to the government about noxious processing odours and pollution. These had been partly responsible for introduction of the 1902 Whaling Act, the first Newfoundland legislation, albeit ineffective, to regulate the industry. Furthermore, only a handful of summer fishermen might be inconvenienced by catcher activities, another contributory factor to the Act.<sup>4</sup> Conversely, the remote location and harsh climate provided construction, maintenance, operational, and financial challenges not faced by companies operating further south.

Newfoundland was essentially a *tabula rasa* for commercial whaling when the Cabot Steam Whaling Co. opened the first station, at



Figure 2. Hawke Harbour station, location and remnants (Canadian Hydrographic Service).

Snook's Arm in Notre Dame Bay, in 1898.<sup>5</sup> Subsequent companies were forced to widely disperse their properties to minimize competition and maximize profits, an ad hoc strategy later reinforced by the Whaling Act when it prohibited stations being built within 50 miles of each other. The lack of specificity as to how this was to be measured, by terrestrial or nautical miles, or in a direct line, led to confusion and complaint, and resulted in the Ministry of Marine and Fisheries defining catching zones for each station.<sup>6</sup> Late entrants to the industry, and those wishing to expand their operations during these early boom years, found themselves occupying increasingly remote locations on the island, and eventually Labrador. Hawke Harbour proved, in fact, to be the most advantageously situated of the stations active in 1906, processing 60 whales for 1,260 barrels (64 imperial gallons per barrel, 6 barrels per ton), an average yield of 21 per whale compared to, for example, 681 barrels (10 per whale) produced from 67 caught from Rose-au-Rue in Placentia Bay.

### **The Labrador Whaling and Manufacturing Co. Ltd. (1905–16, 1919)**

Whaling began from Hawke Harbour (Figures 3, 4, and 5) after Daniel Ryan, one of the colony's wealthiest merchants and a member of the House of Assembly, had an application to the government for a station operating licence approved in February 1903. In the rush by investors to achieve profits already reaching 20 per cent annually, 46 such submissions were received between 6 December 1902 and 27 November 1903, including for renewal of the annual \$1,500 licence fee imposed by the 1902 Act on 10 stations previously approved (Aquaforte, Balaena, Cape Broyle, Cape Charles, L'Anse-au-Loup, Little St. Lawrence, Reuben's Cove, Riverhead, Rose-au-Rue, Snook's Arm). Only eight of the 35 new applications were successful (Beaverton, Dublin Cove, Harbour Grace, Hawke Harbour, Hawke's Bay, Lark Harbour, Safe Harbour, Trinity), with Hawke Harbour being the sole one of 13 applications submitted for Labrador, perhaps an indication of Ryan's business and political status. Consequently, by July 1904 he was able to incorporate



Figure 3. Hawke Harbour, 1913–14 (R-PANL 72-57.1).



Figure 4. Whale at the slip, Hawke Harbour, 1914 (R-PANL/VA 108-105.1).



Figure 5. Discarded bone, Hawke Harbour, 1914 (R-PANL VA72-59.2).



the Labrador Whaling and Manufacturing Co. with the Newfoundland Railway magnate W.D. Reid as its major shareholder and supplier of the station's boilers.<sup>7</sup> Like most of these early companies, the limited capital available from the small local business community necessitated many individuals buying small numbers of \$100 shares and hedging their investments in different operations.

Operations began after the new Norwegian-built catcher, *Cachalot I*, arrived from St. John's in late May 1905 with experienced whale men from Placentia Bay, most likely previously employed at the Rose-au-Rue station that had opened in 1902.<sup>8</sup> However, this first season at Hawke Harbour was not as successful as Ryan probably hoped for. Severe ice and fog restricted catching,<sup>9</sup> resulting in only 70 whales being taken for just 8 per cent of the industry's catch. Also mitigating was the need for several of the catcher crew to remain ashore while being treated for "dropsy" at Dr. Wilfred Grenfell's recently completed hospital at Battle Harbour.<sup>10</sup>

Unlike other companies active in the industry, the catch of at least 123 whales during the next two seasons allowed Ryan's company to declare a 15 per cent dividend in 1907 and hold back \$2,000 to support future operations. An increased catch of 100 whales in 1908 permitted a further 17.5 per cent payment and banking of an additional \$3,000.<sup>11</sup> Revenue was also gained by supplying American Arctic expeditions, such as those led by Lieut. Robert Edwin Peary, with whale meat for sledge-dog food.<sup>12</sup>

Although the 1909 hunt was disrupted when *Cachalot I* damaged its propeller,<sup>13</sup> the 74 whales processed further increased the dividend. However, disaster struck on 25 August 1910 when the vessel ran aground on the eastern end of Belle Isle, making it a complete loss after taking only 33 whales, ultimately the total for the season.<sup>14</sup> A more powerful and ice-strengthened replacement, *Cachalot II*,<sup>15</sup> was ordered from Akers Mek.Verks. of Christiania (Oslo),<sup>16</sup> a move indicative of Ryan's positive outlook for the future of his station. The new vessel arrived in St. John's on 6 June 1911, but could only catch 51 because of heavy ice,<sup>17</sup> a continuing factor in further reducing the catch to 37 in 1913. However, the major contribution to this catch decline was



probably overexploitation, as observers noted there “has never been seen before such a scarcity of whales on the Labrador.”<sup>18</sup>

Although there is no contemporary objective evidence for depleted stocks, all the stations closed by 1916, even though the average oil price rose from £14 per barrel (1905) to £30 (1916)<sup>19</sup> and the United Kingdom called for increased production to meet the wartime demand, especially to make margarine and glycerine for explosives.<sup>20</sup> Despite the earlier optimism shown by ordering a new catcher, Ryan now decided that whaling was too uncertain a business and also withdrew from the industry.<sup>21</sup> Not surprisingly, it was impossible for him to sell the station, but he was able to lease *Cachalot II* to the Newfoundland government for fishery patrols until 1919. Following a continuing rise in the oil price to £57 in 1918, he reopened Hawke Harbour in the hope that stocks might have recovered enough to support a smaller operation.<sup>22</sup> But since the gestation period of fin and blue whales is 10–12 months, and sexual maturity is not attained until at least six years, this assumption was unwarranted. Only some 41 were processed, and despite an oil price of £67 (1919), his operating expenses were probably not covered. Consequently, the Labrador Whaling and Manufacturing Co. abandoned Hawke Harbour at the end of that season after taking 778 whales since 1905 (Table 1). As Ryan had earlier pronounced in the House of Assembly when summarizing the volatile industry:

Take the whole business. We had some parties introduce this, and they got along very well. Then we had two or three factories made a big success and all wanted to get into it. I remember at the time being a member of Government when at one time we had twenty-three applications for those factories in one batch. Fortunately for most of those people the applications were not granted. The few who got them lost all.<sup>23</sup>

Table 1. Catch (as available), Hawke Harbour, Labrador Whaling and Manufacturing Co., 1905–19

Season	Blue	Fin	Humpback	Sei	Sperm	Total
1905		57	13			70
1906		47	13			60
1907						63
1908		88	11		1	100
1909	1	59	14			74
1910	3	18	12			33
1911	1	33	1		5	40
1912		47	3		1	51
1913						37
1914		63	4		1	68
1915		68	2			70
1916						71
1917						n/w
1918						n/w
1919						41
Total	5	480	73		8	778

n/w = no whaling.

Sources: *Annual Fisheries Reports*, Newfoundland; Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*.

## The Newfoundland Whaling Co. Ltd., 1923–37

After Hawke Harbour closed in 1919, the Newfoundland and Labrador industry entered a period of quiescence as oil prices declined again (£31, 1923). However, an expatriate Norwegian, Capt. Amund Anonsen,<sup>24</sup> previously the master-gunner of *Cachalot I* and *II*, decided that the absence of competition and the potential for price increases as the Antarctic pelagic industry expanded might make a limited industry feasible.<sup>25</sup> Therefore, in June 1923 he bought the dormant properties at Beaverton, Cape Broyle, Hawke Harbour, and Rose-au-Rue, and the catchers *Cabot* and *Cachalot II*, all now owned by Ryan, for the Newfoundland Whaling Co., which he incorporated on 17 July 1923.<sup>26</sup>

Since Rose-au-Rue and Hawke Harbour needed substantial repairs after lying idle from 1915 to 1919, Anonsen opened only Beaverton while the others were being refurbished. This done, and although 70 whales were taken in 1923, he then closed it in favour of using the better-situated Hawke Harbour and Rose-au-Rue, a move that yielded 180 whales in 1924 (Table 2) when the oil price had, in fact, risen slightly to £37 per ton.<sup>27</sup> Encouraged by this success, and thinking for the long term, Anonsen decided that rather than pay dividends he would reinvest in the company by upgrading Hawke Harbour and buying a larger catcher, *Morelos*, to work with *Cachalot II* on the northern grounds while the older *Cabot* hunted from Rose-au-Rue in the more sheltered waters of Placentia Bay.<sup>28</sup>

This catching strategy and the decision to reinvest in better equipment contributed to a catch of 508 whales from the company's two stations in 1928,<sup>29</sup> which, despite a fall in the oil price to £30 per ton as a result of oversupply from Antarctica, convinced him to buy yet another catcher, *Husvik* (renamed *Rio Sama*), the following year. However, it is unlikely that the stocks had recovered enough in the years when there was no hunting to sustain this level of catching, and they again declined sharply.<sup>30</sup> Global oil prices continued to fall, forcing Anonsen to close his stations in late 1930 with the oil price at £21, a particularly unfortunate move for those attracted by the seasonal employment, as well as for the Newfoundland economy in general. The importance of Hawke Harbour for those living nearby had been demonstrated in 1925, for example, when a family that lost its fishing stages and equipment in November storms was provided with winter supplies by the company.<sup>31</sup> On the wider front, the station employed 203 men in 1927, mainly from the island, to produce oil valued at \$277,500 and dried meat and bone meal (guano) worth \$44,400.<sup>32</sup>

Faced with decreased catches, and oil at its lowest price of £12 a ton, the Newfoundland Whaling Co. was liquidated in 1931. The properties and vessels were bought for \$48,000 by Anonsen and several former directors who still believed that whaling was viable.<sup>33</sup> Only Hawke Harbour was reopened in 1933, but the company still could not profit

because of a storm-delayed start to whaling, the costly renovations needed after the station had been idle for two years,<sup>34</sup> and the oil price remaining at £12. Consequently, the company was again wound up in 1934, then reorganized for a third time with the help of St. John's businessmen Chesley A. Crosbie and Capt. Olaf Olsen, a Norwegian resident in St. John's with extensive local maritime and whaling experience.<sup>35</sup> Although the post-depression oil prices began to improve (£15, 1934; £20, 1937), it was clear that whaling could not continue without financial input from outside Newfoundland. Despite having processed 198 whales at Hawke Harbour and Rose-au-Rue in 1935 (Table 2), including 137 at the former (Table 3), the directors decided to seek help from the world's largest whaling company, Christian Salvesen and Co. Ltd. of Leith, Scotland.<sup>36</sup>

Salvesen agreed to a partnership, placed family members on the Board of Directors, provided funds for the 1936 and 1937 seasons, and retained Anonsen as whaling manager.<sup>37</sup> However, the goal was to gain full control, and after fractious discussions and negotiations with the local board members, Salvesen petitioned the Supreme Court of Newfoundland to let his company take over the Newfoundland Whaling Co. Approval was given on 12 August 1938 conditional on payment of \$300,000 to the creditors.<sup>38</sup> The assets at Hawke Harbour, Rose-au-Rue, and Grady and land at Beaverton and Cape Broyle were advertised for sale,<sup>39</sup> and bought by Salvesen on 24 November 1939 for the requisite \$300,000. Ownership had now gone overseas, only the second time that a local whaling station had been operated by a non-Newfoundland company, the other being at Aquaforte (1902–08).<sup>40</sup>

Table 2. Catches (where available), All Stations, Newfoundland Whaling Co. Ltd., 1923–37

Year	Blue	Fin	Hump	Sei	Sperm	Total
1923		66	3		1	70
1924	12	144	16		8	180
1925	12	270	35	4	10	331
1926	10	329	18	3		360
1927	15	243	88	9	8	363
1928	58	358	21	23	48	508
1929	23	334	11	3	11	382
1930	23	282	7	1	8	321
1931						n/w
1932						n/w
1933	?	?	?	?	?	?
1934	?	?	?	?	?	418
1935	4	156	9	13	16	198
1936	20	146	10	2	14	192
1937	8	439	9	7	19	482
Total	185	2,767	227	65	143	3,805

n/w = no whaling.

Sources: *Annual Fisheries Reports*, Newfoundland; Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*.

Table 3. Catches (where available), Hawke Harbour, Newfoundland Whaling Co. Ltd., 1924–37

Year	Blue	Fin	Humpback	Sei	Sperm	Total
1924						74
1925						
1926						
1927	3	128	66	1	1	199
1928	7	190	15	5	19	236
1929	14	276	9		12	311
1930	21	200	1			222
1931						n/w
1932						n/w
1933						
1934						
1935	1	115	4	13	4	137
1936	15	84	10	1	13	123
1937						272
Total	61	993	104	20	49	1,574

n/w = no whaling.

Sources: *Annual Fisheries Reports*, Newfoundland; Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*.

Salvesen's presence in Labrador renewed the company's whaling activity in the North Atlantic, which had ended when its station at Olua Firth, Shetland Islands (1904–29), closed. Since the United Kingdom's Whaling Industry (Regulation) Act, 1934, prohibited whaling within its coastal waters, this new opportunity was fortuitous, making it possible for Salvesen to return to the northern hemisphere and profit from the edible oil demand of the post-depression economic recovery. Production from the company's primary southern hemisphere operations at Leith Harbour, South Georgia, and Saldanha Bay, South Africa, and the pelagic fleet, could be supplemented when those were inactive during the austral winter. Able to process up to eight whales daily, Hawke Harbour was equipped with 24 pressure cookers, a factory for

producing meat and bone meal, two centrifugal separators for removing residual oil from pulverized meat and other body parts, and had a storage capacity of 1,000 barrels of oil. Before Salvesen took control, the Newfoundland Whaling Co. processed some 3,805 whales from 1924, including at least 1,574 from Hawke Harbour. Particularly noticeable was the increased catch of blue whales (c. 5: 1905–19; c. 185: 1924–37), although some 70 per cent were caught from Rose-au-Rue, closer to their migration route. The arrival of Salvesen served not only to continue the industry, but also to further increase the hunting pressure on the stocks, especially on the blue whales.

### **Polar Whaling Co. Ltd., 1939–51**

Having gained control of the Newfoundland Whaling Co., Salvesen dismissed Anonsen and made its subsidiary, Polar Whaling Co., responsible for operating Hawke Harbour and Rose-au-Rue. Represented by A.H. Murray and Co. of St. John's, the company established its headquarters and catcher repair and overwintering base at Harbour Grace on the yard site of the Newfoundland Shipbuilding Co., 1917–19.<sup>41</sup> Other stations obtained during the purchase were abandoned. The influx of capital, equipment, and expertise included catchers and master-gunners from Salvesen's southern hemisphere operations, major contributors to both revival of the industry and depletion of the stocks.<sup>42</sup> The station also provided a training site for those about to hunt elsewhere for Salvesen, and for testing equipment such as the transmitters implanted into carcasses so that they could be retrieved by buoy-boats, and for developing improved materials such as lighter, more flexible nylon foregoers, the connection between the harpoon and whale line. Some Newfoundlanders also gained more experience by working in the Antarctic; in 1939, for instance, men from Placentia Bay went there on one of the company's floating factories.<sup>43</sup>

The Polar Whaling Co. began hunting from Hawke Harbour in 1939, but operations temporarily ended the following year when the British Ministry of Shipping requisitioned the catchers *Shila*, *Signa*,



*Silva*, *Spina*, and *Sposa* into the Royal Navy for wartime convoy duties and coastal defence. This temporary cessation also provided the opportunity to sell two older catchers, *Cachalot II* and *Morelos*, and the station at Rose-au-Rue to Marine Oils Ltd., owned by ex-Newfoundland Whaling Co. director Capt. Olaf Olsen.<sup>44</sup> The elderly *Husvik* was bought by Capt. Johan Carlson Borgen, the company's chief gunner and master of *Signa*.<sup>45</sup>

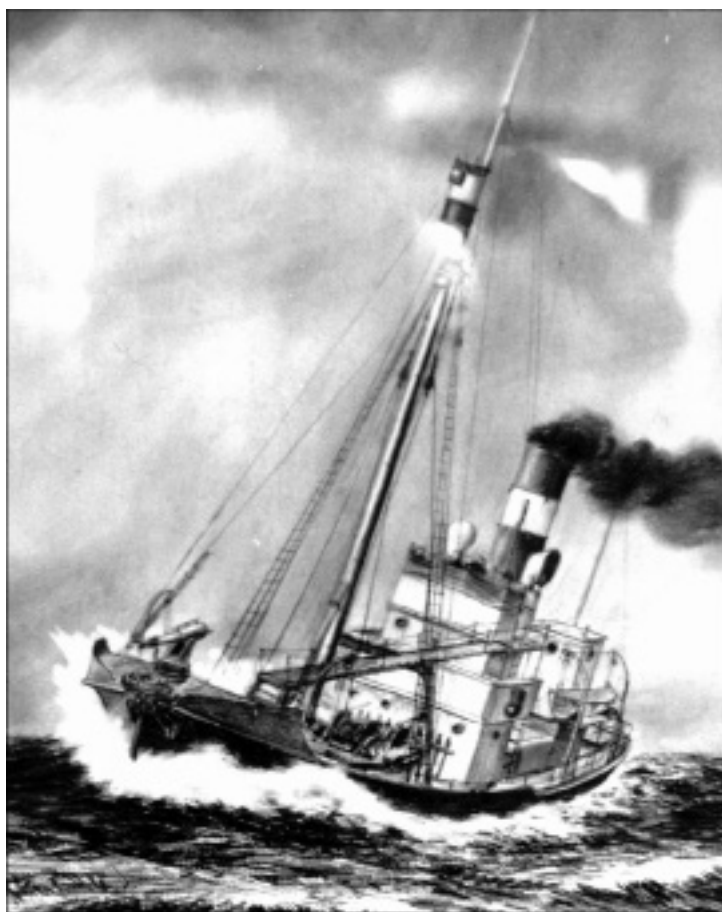


Figure 6. *Silva*, 1950s, painting by Newfoundland artist Ted Drover (Dickinson collection).



Figure 7. *Sposa* at Conception Harbour, c. 1953 (D. Flynn).

The loss of catchers and the hazards of operating in the contested waters of the North Atlantic caused Hawke Harbour to remain closed until 1943, when the decreased German submarine presence after the Battle of the Atlantic (1940–43), the loss of much of its southern pelagic fleet through enemy action, and the ongoing need for edible oils in the United Kingdom led Salvesen to reopen the station.<sup>46</sup> The processing capacity was increased, and two newer and more powerful catchers, *Charcot* and *Gun VI*, were permanently transferred from South Georgia. The requisitioned catchers were decommissioned by the Royal Navy in 1944, and those that could be refurbished for whaling returned to Hawke Harbour.<sup>47</sup> This revitalized fleet, and the seasonal use of highly experienced Norwegian crews and catchers from the south, markedly increased the catch from 199 in 1944 to a peak of 461 in 1948 (Table 4).

Despite the introduction in 1946 of more exacting controls on global whaling by the International Convention for the Regulation of Whaling (ICRW) and the formation of the International Whaling Commission (IWC) to monitor compliance and effectiveness,<sup>48</sup> the renewed pressure placed on stocks by the expanded hunt caused catches to decline yet again. Hunting moved further offshore, increasing operating costs,<sup>49</sup> and more of the smaller, immature, lower-yielding whales, especially sei, were caught. Although the average oil price rose from £43 (1943) to £141 (1951) per ton, Salvesen was forced to close the station in October 1951. Factors such as the inability to profitably produce enough oil despite the then record high price, falling demand as plant oils replaced edible marine oils in products such as margarine, and the increased availability and use of butter, all combined to bring about this decision.<sup>50</sup> The company's other operations were soon similarly affected. Leith Harbour closed at the end of the 1960–61 season, and the company's last factory ship, *Southern Harvester*, made its final voyage in 1962–63 before being sold to Nippon Suisan Kaisha (NSK) of Japan in July 1963 for her catch quota.<sup>51</sup> At least 2,901 whales had been taken from Hawke Harbour by the Polar Whaling Co., by far the biggest catch for any company or station in the Newfoundland and Labrador whaling industry.

Table 4. Catches (where available), Hawke Harbour, Polar Whaling Co. Ltd., 1939–51

Season	Blue	Fin	Humpback	Sei	Sperm	Total
1938						n/w
1939	7	118	4	2	13	144
1940	1	64	7		6	78
1941						n/w
1942						n/w
1943		90	4		4	98
1944	4	171	6	1	17	199
1945	11	169	9	5	22	216
1946	8	327	5		10	350
1947	10	264	4	4	16	298
1948	47	389	13	3	9	461
1949	28	248	8	12	53	349
1950	14	276	7	5	28	330
1951	14	296	20	37	11	378
Total	144	2,412	87	69	189	2,901

n/w = no whaling.

Sources: International Whaling Commission; Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*.

## **Hawke Harbour Whaling Co. Ltd., 1956–59**

The departure of Salvesen did not mark the end of whaling from Hawke Harbour. On 24 August 1956, former chief gunner Capt. Johan Carlson Borgen<sup>52</sup> formed the Hawke Harbour Whaling Co., believing, as had Anonsen, that a small operation might be profitable, especially since oil prices, although declining, were still high (£89 per ton in 1956). Furthermore, the development of fox and mink ranching in Trinity Bay during the early 1950s had opened up a market for whale meat.<sup>53</sup> Although the industry was largely supplied from the onshore drive of pilot (pothead) whales, the sustainability of this stock, and thus the fur



Figure 8. Hulk of *Sluga* at Hawke Harbour; unidentified sunken vessel adjacent (Canadian Hydrographic Service).

industry, was being threatened by large catches, some 36,500 in the years 1951–57. Borgen realized that despite their decreased availability, the large whales still seasonally found off Labrador might complement potheads as a source of meat for the mink and fox farms. Unfortunately, the animal feed market did not improve as fur farms closed due to increased operating cost. Whether or not whaling could have continued at Hawke Harbour for much longer was resolved when the station was destroyed by fire on 12 September 1959.<sup>54</sup> Only 150 whales had been taken (Table 5), using at different times the catchers *Charcot*, *Soika*, *Southern Foam*, *Sposa*, and *Sukba*, which Borgen had also obtained from the Polar Whaling Co. A proposal from a speculative new enterprise, the Newfoundland American Whaling Co. Ltd., to rebuild the station failed because capital could not be raised. Whaling from Hawke Harbour permanently ended.<sup>55</sup>

Table 5. Catches, Hawke Harbour, Hawke Harbour Whaling Co. Ltd., 1956–59

Season	Blue	Fin	Humpback	Sei	Sperm	Total
1956	Protected	7		2	13	22
1957	Protected	23		5	14	42
1958	Protected	55	4		7	66
1959	Protected	14		5	1	20
Total		99	4	12	35	150

Sources: International Whaling Commission; Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*.

## Unsustainable Exploitation

The whaling operations at Hawke Harbour reflected the history and methodology of the industry globally. Unfortunately, they had a significant cumulative negative impact on the seasonally occurring stocks, but particularly during and immediately after World War II when more aggressive catching methods and expertise were introduced. Although there are little objective data, there can be no doubt that this continuing and increased pressure led to overexploitation, especially of the small stock of high-yielding blue whales. After Confederation, the government of Canada assumed responsibility for fisheries and oceans management in the province and stationed an inspector at Hawke Harbour to monitor compliance with the IWC regulations. Infractions were frequent, the 1950 and 1951 reports, for example, identifying the killing of whales below the minimum lengths set out by the Commission as indicators of sexual maturity, and of pregnant or lactating females. Twenty-one of 81 (26 per cent) of the blue whales caught in July 1950 fell into the former category. There was also little incentive for the gunners not to kill prohibited whales, since although not credited to their catch bonuses, the oil produced was counted as part of the total production and reflected in the bonuses paid to shore employees, including the managers. The pursuit of scarce blue whales further south into the Gulf of St. Lawrence was also of questionable value, since the increased bacterial decomposition of the blubber and body tissues during the often

extended return voyage with a carcass led to an inferior and less valuable oil being produced. As the inspector presciently observed: "Within another three seasons at the present decreasing kill of blues [1947, 10; 1948, 47; 1949, 28; 1950, 14; 1951, 14] they too will be as the Greenland right or bowhead whale, practically extinct."<sup>56</sup> The Polar Whaling Co. thus continued to reduce a population whose estimated pre-whaling number of some 1,500, was now "in the low hundreds" and designated "endangered" by COSEWIC, the Committee on the Status of Endangered Wildlife in Canada.<sup>57</sup> Once the Strait of Belle Isle blue whale hunt finished in July, the catchers moved elsewhere to repeat the process on humpbacks, which by the 1949 and 1950 seasons comprised only eight of the 349 whales taken. Both blue and humpback whales were belatedly protected by the IWC in 1955.

No action was taken against Salvesen for these depredations, but the company and the government of Canada were aware of the content of the inspector's reports. The need to react was forestalled by the departure of Salvesen at the end of the 1951 season. Although the inspector at Hawke Harbour was required to take organ samples from carcasses so that federal scientists could determine the age structure of the catch and populations, no concerted or meaningful attempts to determine these parameters were made until commercial large-species whaling resumed in 1963 from stations at South Dildo and Williamsport. This renewal of the industry provided the opportunity, through tagging and observation cruises and carcass sampling, to gather more objective data on the status of the western North Atlantic stock of fin whales, the only commercially significant non-protected species available. As a result, the first attempt was made to conserve this stock by imposing an annual catch quota on each station, which continued to be reduced as catches and biological data showed continuing decline. This and the international opposition to whaling caused the government of Canada to close the industry at the end of the 1972 season.



## Conclusion

Between its opening in 1905 and closing 54 years later, Hawke Harbour processed approximately 5,500 whales, more than 25 per cent of the catch from the 21 stations that operated at one time or another between 1898 and 1972. It was also the only station to participate in the three revivals of the industry after the first phase ended in 1919, and in so doing it became a major contributor to reducing the local stocks. Nonetheless, it did influence the overall economy of Newfoundland and Labrador through the production, export, and sale of whale oil, bone, guano, and animal feed, and provided much-needed seasonal and well-paying employment to help free many families from the crippling grip of a predominantly fisheries-based subsistence economy. Although important to the small number of residents of southern Labrador, its major influence was felt in communities in southeastern Newfoundland. The Trinity and Placentia areas provided much of the labour and benefited from the expenditure of wages, while Harbour Grace profited from being a repair and overwintering base for the catchers. The bottom of Trinity Bay became a vibrant fur farming region partly as a result of the whale meat processing activities of the Newfoundland Fur Farmers Feed Cooperative at South Dildo, supplied in part from Hawke Harbour. Indirectly therefore, the station helped to shape the cultural and economic fabric of these important towns and regions.

The recent growth of environmental, cultural, and historical tourism in the province is, in part, fostered by the increased occurrence of some whale species, particularly the once depleted humpbacks. Commercial whale watching and a related tour boat industry flourishes in several communities, and whereas the originally poorly legislated commercial whaling proved to be unsustainable, this new well-regulated use of whales reverses the situation.

The remnants of whaling stations and sites are of additional interest. Although Hawke Harbour and its relics are accessible only by boat, the derelict and demolished structures and the hulks of catchers have become increasingly attractive to visitors, especially summer

yachters. On the island, there is growing interest in those Hawke Harbour Whaling Co. catchers beached or sunk in Conception Bay. The stranded wreck of the *Charcot* near Conception Harbour (Figure 9) provides photographic opportunities, and the nearby underwater remains of *Sukha* and *Southern Foam* are promoting wreck diving.



Figure 9. Hulk of *Charcot*, Conception Harbour, 2005 (A.B. Dickinson).



Figure 10. Hulk of *Sluga*, Hawke Harbour, 2005 (P. Dabinett).

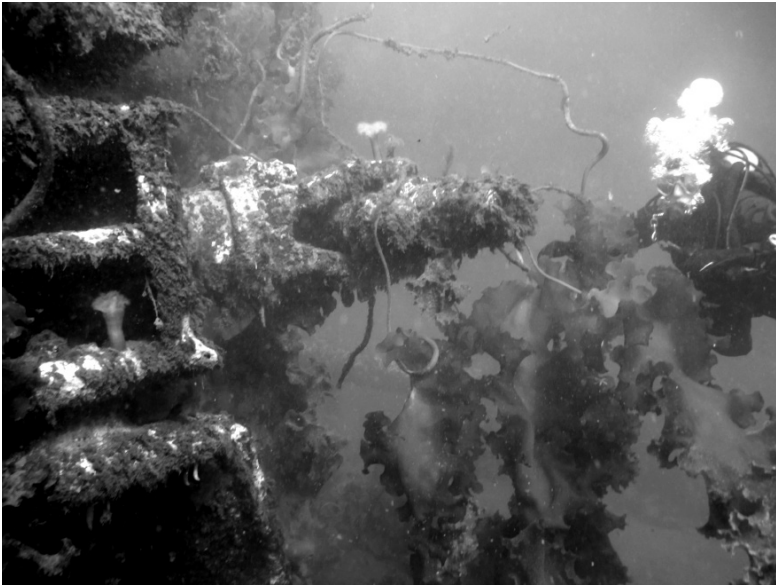


Figure 11. Diving on the wreck: harpoon cannon of *Sukha* (N. Burgess).

Appendix I: The Hawke Harbour Whaling Fleet

Name	Built	Hawke Harbour	Fate	Selected Sources
<i>Bouvet 3</i> (catcher)	1930, Smith's Dock Co., Middlesbrough	1946–49	Broken up, 1965, Acme Trading Co., Vancouver	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1932bouvet">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1932bouvet</a> <a href="https://commons.wikimedia.org/wiki/Category:Bouvet_3_%28ship_1930%29_t.htm">https://commons.wikimedia.org/wiki/Category:Bouvet_3_%28ship_1930%29_t.htm</a> <a href="https://open.library.ubc.ca/collections/fisherman/items/1.0008157">https://open.library.ubc.ca/collections/fisherman/items/1.0008157</a> <a href="http://www.europeana.eu/portal/record/2022608/ROM_R_Fot_11746.htm">http://www.europeana.eu/portal/record/2022608/ROM_R_Fot_11746.htm</a> <a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a> <a href="http://rapidftp.co.za/museum/jmmc/jmmc.htm">http://rapidftp.co.za/museum/jmmc/jmmc.htm</a>
<i>Cabot</i> (catcher)	1898, Akers Mek. Verks., Christiania (Oslo)	1923–24	Condemned, Harbour Grace, 1951; scrapped	<a href="http://www.lardex.net/aker/skipsliste.htm">http://www.lardex.net/aker/skipsliste.htm</a> <a href="https://www.therooms.ca/VA118-6.1">https://www.therooms.ca/VA118-6.1</a>
<i>Cachalot I</i> (catcher)	1905, Akers Mek. Verks., Christiania (Oslo)	1905–10	Ran aground, Belle Isle, August 1910; written off	<a href="http://www.lardex.net/aker/skipsliste.htm">http://www.lardex.net/aker/skipsliste.htm</a>
<i>Cachalot II</i> (catcher)	1911, Akers Mek. Verks., Christiania (Oslo)	1911–16, 1919, 1923–41 (part)	Scuttled off Cape Spear, 26 December 1945	<a href="http://www.lardex.net/aker/skipsliste.htm">http://www.lardex.net/aker/skipsliste.htm</a> <a href="https://www.therooms.ca/VA_108-104.2">https://www.therooms.ca/VA_108-104.2</a>
<i>Charcot</i> (catcher)	1923, Kaldnaes Mek. Verks., Tønsberg	1944–51, 1956–59	Laid up, Conception Harbour; beached, c. 1970	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1943charcot.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1943charcot.htm</a>

<b>Name</b>	<b>Built</b>	<b>Hawke Harbour</b>	<b>Fate</b>	<b>Selected Sources</b>
<i>Gun VI</i> (catcher)	1916, Smith's Dock Co., Middlesbrough	1942–46	Scuttled off St. John's, March 1957	<a href="http://www.teesbuiltships.co.uk/smiths/19161929/subra1916.htm">http://www.teesbuiltships.co.uk/smiths/19161929/subra1916.htm</a>
<i>Morelos</i> (catcher)	1912, Akers Mek. Verks., Oslo	1925–39	Scuttled, William-sport, November 1957	<a href="https://commons.wikimedia.org/wiki/Category:Linga_III_%28ship_1912%29">https://commons.wikimedia.org/wiki/Category:Linga_III_%28ship_1912%29</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekte.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekte.htm</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekte/1939morelos.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekte/1939morelos.htm</a>
<i>Polar Maid</i> (tanker)	1914–17, Nordseewerke, Emden, Germany	1942–57 (part)	Sold, March 1957, to Ship-breaking Industries Ltd., Rosyth, for scrapping	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekte/1947polarmaid.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekte/1947polarmaid.htm</a> <a href="http://www.paafellet.org/?p=1890">http://www.paafellet.org/?p=1890</a>
<i>Husvik</i> (catcher)	1909, Kaldhaes Mek. Verks., Oslo	1929–42 (part)	Wrecked, 28 January 1946, near St. Lawrence	<a href="https://commons.wikimedia.org/wiki/Category:Whale_catcher#/media/File:Husvik_whale_catcher_%28A-000580%29.jpg">https://commons.wikimedia.org/wiki/Category:Whale_catcher#/media/File:Husvik_whale_catcher_%28A-000580%29.jpg</a> <a href="http://www.quickwiki.com/no/Kaldnes_Mekaniske_Verksted">http://www.quickwiki.com/no/Kaldnes_Mekaniske_Verksted</a>
<i>Saluta</i> (tanker)	1906, A.G. Wesser, Bremen	?–1951 (part)	Broken up, November 1951, by T. and W. Ward, Barrow, England	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekte/1935saluta.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekte/1935saluta.htm</a>
<i>Sevilla</i> (tanker)	1900–04, J. Priestman Co., Sunderland	1937–40 (part)	Broken up, 1949, Van Heyghen Frères, Ghent	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekte/1922%20Sevilla.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekte/1922%20Sevilla.htm</a>
<i>Shila</i> (catcher)	1926, Smith's Dock Co., Middlesbrough	1937–40 (part)	Scrapped, c. 1954, Denmark	<a href="http://www.rapidtpt.co.za/museum/jmmc/jmmcs.html">http://www.rapidtpt.co.za/museum/jmmc/jmmcs.html</a> <a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a>

Name	Built	Hawke Harbour	Fate	Selected Sources
<i>Signa</i> (catcher)	1926, Smith's Dock Co., Middlesbrough	1937, 1939, 1945-48	Scuttled off St. John's, 22 November 1953	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1926signa.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1926signa.htm</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a>
<i>Silva</i> (catcher)	1924, Smith's Dock Co., Middlesbrough	1930-38	Sold, February 1970, for scrap, Stavanger	<a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1924silva.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1924silva.htm</a>
<i>Sluga</i> (catcher)	1929, Smith's Dock Co., Middlesbrough	1946-47	Ran aground, Battle Harbour, 15 July 1947; abandoned, Hawke Harbour	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1929sluga.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1929sluga.htm</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a>
<i>Soika</i> (catcher)	1925, Smith's Dock Co., Middlesbrough	1947(?)–51, 1956–59	Scuttled, near Conception Harbour, 1968	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1925soika.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1925soika.htm</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a>
<i>Southern Foam</i> (catcher)	1926, Smith's Dock Co., Middlesbrough	1946–51, 1956–59	Sank, Conception Bay, (1968–70?)	<a href="http://www.shipwrecksnl.ca/index.php?option=com_content&amp;view=article&amp;id=175:southern-foam&amp;catid=24&amp;Itemid=449">http://www.shipwrecksnl.ca/index.php?option=com_content&amp;view=article&amp;id=175:southern-foam&amp;catid=24&amp;Itemid=449</a> <a href="http://www.wrecksite.eu/wreck.aspx?202386">http://www.wrecksite.eu/wreck.aspx?202386</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1941SouthernFoam.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1941SouthernFoam.htm</a>
<i>Southern Gambler</i> (catcher)	1950, Smith's Dock Co., Middlesbrough	1950	Sold, 1988, and registered in the Cayman Islands	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1950south-erngambler.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1950south-erngambler.htm</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a>
<i>Southern Guider</i> (catcher)	1950, Smith's Dock Co., Middlesbrough	1950	Sold to A/S Bergen, to become Birkeland; still fishing, 1992	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1950south-ernguider.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1950south-ernguider.htm</a> <a href="http://www.teesbuilthips.co.uk/smiths/intro.htm">http://www.teesbuilthips.co.uk/smiths/intro.htm</a>

<b>Name</b>	<b>Built</b>	<b>Hawke Harbour</b>	<b>Fate</b>	<b>Selected Sources</b>
<i>Southern Hunter</i> (catcher)	1951, Smith's Dock Co., Middlesbrough	1951	Ran aground; abandoned, 12 December 1956, Deception Island, South Shetland Islands	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1951south-ernhunter.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1951south-ernhunter.htm</a> <a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a>
<i>Southern Lily</i> (buoy boat)	1941, Wm. Simons and Co., Renfrew	1948	Scrapped, 1967, Bruges, Van Heyghen Frères	<a href="http://www.clydesite.co.uk/clydebuilt/viewship.asp?id=9955">http://www.clydesite.co.uk/clydebuilt/viewship.asp?id=9955</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1947south-ernlily.htm">http://www.lardex.net/TONSBERG/salvesen/skipstekst/1947south-ernlily.htm</a> ( <a href="http://www.iwm.org.uk/collections/item/object/2051209830">http://www.iwm.org.uk/collections/item/object/2051209830</a> )
<i>Spina</i> (catcher)	1926, Smith's Dock Co., Middlesbrough	1937–40 (part), 1945–51	Wrecked after 1967 off Chile	<a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a> <a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1926Spina.htm">www.lardex.net/TONSBERG/salvesen/skipstekst/1926Spina.htm</a>
<i>Sposa</i> (catcher)	1926, Smith's Dock Co., Middlesbrough	1948–51, 1956–59	Scuttled near Concepcion Harbour	<a href="http://www.lardex.net/TONSBERG/salvesen/skipstekst/1926sposa.htm">www.lardex.net/TONSBERG/salvesen/skipstekst/1926sposa.htm</a> <a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a>
<i>Sukha</i> (catcher)	1929, Smith's Dock Co., Middlesbrough	1947–51, 1956–59	Laid up, Harbour Grace; stranded, Concepcion Bay, 1971; to Dominion Metals Ltd., scrap; scuttled	<a href="http://www.teesbuiltships.co.uk/smiths/intro.htm">http://www.teesbuiltships.co.uk/smiths/intro.htm</a> <a href="http://www.shipwrecksnl.ca/index.php?option=com_content&amp;view=article&amp;id=178&amp;Itemid=495">http://www.shipwrecksnl.ca/index.php?option=com_content&amp;view=article&amp;id=178&amp;Itemid=495</a>



## Notes

- 1 See A.B. Dickinson and C.W. Sanger, *Twentieth-Century Shore-Station Whaling in Newfoundland and Labrador* (Montreal and Kingston: McGill-Queen's University Press, 2005) for a description of the development of the local industry. The most comprehensive treatment of the evolution of global commercial whaling is that of J.N. Tønnessen and A.O. Johnsen, *The History of Modern Whaling* (Berkeley: University of California Press, 1982).
- 2 *Evening Herald* (St. John's, hereafter *EH*), 27 June 1898.
- 3 For discussion of the development and application of a historical marine mammal exploitation model to Newfoundland and Labrador (NL), see C.W. Sanger and A.B. Dickinson, "Newfoundland and Labrador Shore-Station Whaling: Overexpansion and Decline, 1805–1917," *The Northern Mariner* 10, 4 (2000): 13–14.
- 4 Although Hawke Harbour's hinterland was too isolated and barren to support a permanent population, it did host a small number of summer floater and stationary fishermen and winter furriers, beginning in the late eighteenth century with George Cartwright. See W.A. Black, "The Labrador Floater Fishery," *Annals of the Association of American Geographers* 50, 3 (1960): 267–93; A.P. Dyke, *Transhumance Studies on the Labrador Coast: A Preliminary Report*, McGill Sub-Arctic Research Laboratory, Research Paper No. 21, 1, 1966.
- 5 For details of the origins and initial growth of local commercial whaling in NL, see A.B. Dickinson and C.W. Sanger, "The Origins of Modern Shore Based Whaling in Newfoundland and Labrador: The Cabot Steam Whaling Co. Ltd., 1896–98," *International Journal of Maritime History* 1, 1 (1989): 129–57; Dickinson and Sanger, "Modern Shore Based Whaling in Newfoundland and Labrador: Expansion and Consolidation, 1898–1902," *International Journal of Maritime History* 2, 1 (1990): 83–116.
- 6 *EH*, 5 Mar. 1902. For details of the legislation and discussion on its effectiveness, see Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 42–44.
- 7 Information on the establishment of the commercial whaling enterprise in Hawke Harbour is in Labrador Whaling and Manufacturing Co. Ltd., *Company Files*, Commercial Registration Division, Government of Newfoundland and Labrador, St. John's.

- 8 *EH*, 18, 24, 25 May 1905. *Cachalot I* sailed from Christiania (Oslo) with *Baccalieu*, another newly constructed catcher that replaced the Harbour Grace Whaling Co. Ltd.'s *Harbour Grace*, lost with all hands en route to Newfoundland the previous year. *Ibid.*, 13 May 1905.
- 9 See, for example, *EH*, 12 July 1905.
- 10 Also known to the Norwegians as "beri beri." *EH*, 14 Nov. 1905.
- 11 *Ibid.*, 13 Jan. 1908, 30 Jan. 1909.
- 12 *Ibid.*, 18 July 1908.
- 13 "She was towing a whale and the ropes broke. The fish [whale] fell against the propeller breaking off the blade." *EH*, 20 July 1909.
- 14 As the *Evening Herald*, 29 Aug. 1910, reported: "Word was received Saturday [27 Aug.] that the whaling steamer *Cachalot* was beached at Crowhead Cove [eastern end of Belle Isle] and is not likely to hold together much longer as the bottom is almost completely pounded out of her. The fishing season is now at its best and the loss to the Company is a serious one . . . as whale fishing on that coast [southern Labrador] does not finish until late in the fall." See also *EH*, 25 Aug., 2, 7 Sept. 1910.
- 15 "It will be bigger and more modern. It will travel 14 knots and will have a better gun." *EH*, 2 Dec. 1910.
- 16 The Norwegian capital Christiania was replaced by the older name, Oslo, in 1925.
- 17 See, for example, *EH*, 30 Aug. 1912.
- 18 *EH*, 31 Aug. 1911.
- 19 These and subsequent oil prices are from Tønnessen and Johnsen, *History of Modern Whaling*.
- 20 Government of Newfoundland, *Annual Report of the Department of Marine and Fisheries*, 1916.
- 21 *EH*, 2 May 1917.
- 22 *Ibid.*
- 23 *EH*, 28 July 1917.
- 24 Besides being the master-gunner of *Cachalot I* and *II*, and despite having lost the former in 1910, an indication of the reputation he held as an adventurous entrepreneur is provided in a report carried by the *Evening Herald* shortly after his arrival, which stated that "he is a young man being only about 24 years of age but he has already proved himself a hustler" (23 June 1910). His efforts to revive the industry over the next

- decade and a half show him to be bold, persevering, determined, and sometimes ruthless.
- 25 See, for example, *EH*, 21 Mar. 1922.
- 26 *Cachalot* was purchased from Labrador Whaling and Manufacturing Co. Ltd. (*ibid.*, 10 Jan. 1922). The Cape Broyle Whaling and Trading Co. Ltd. and *Cabot* were sold to the new company for \$150,000 in cash and shares (*ibid.*, 12, 17 May, 6 June 1923, 12 Apr. 1924). For a list of all official transactions of the Newfoundland Whaling Co. Ltd., see *Company Files*, Commercial Registration Division, Government of Newfoundland and Labrador, St. John's.
- 27 See, for example, the *Evening Telegram* (St. John's, hereafter *ET*), 23 Oct. 1923. For a list of renovations, equipment, and structures at Rose-au-Rue, see *ibid.*, 6 June 1922. Details of the successes of *Cabot* and *Cachalot II* at both stations are provided in *ET*, 14, 22 Nov. 1924.
- 28 The total catch of 331 almost doubled that of the company's first two seasons. *Daily News* (St. John's, hereafter *DN*), 16 Apr., 22 June 1924; *ET*, 19 Aug., 14 Nov. 1924.
- 29 The exports of whale products in 1927–28 were the highest since the peak of 1904–05. Values between 1923 and 1928 were: 1922–23, \$4,209; 1923–24, \$36,471; 1924–25, \$87,324; 1925–26, \$209,650; 1926–27, \$214,543; and 1927–28, \$333,571 (*ET*, 19 May 1926, 20 Aug. 1927, 12 June, 31 Dec. 1928).
- 30 *ET*, 3 Sept. 1923, 25 Feb., 10 Apr. 1929, 21 May 1930.
- 31 The *Evening Telegram*, 28 Nov. 1925, reported that the Clarke family “at Bolster's Rock, who had their stages, together with their winter supplies, carried away in the recent storms, are supposed to have obtained extra supplies from the manager of the whale factory at Hawke's [sic] Harbour.”
- 32 *ET*, 4 Jan. 1928.
- 33 A local newspaper correspondent, for example, suggested that if the company was not going to reopen, the “government should operate the stations to provide employment.” When hunting resumed, a “recently purchased” (probably chartered) tanker, *Moss*, was used to transport oil. *ET*, 6 May, 4, 17, 18 July, 4, 9, 11, 21 Aug., 12, 20 Oct., 23 Nov., 11, 13 Dec. 1933.
- 34 Besides *ibid.*, see *DN*, 18 July, 4, 9, 11 Aug., 19, 23 Oct., 3 Nov., 13 Dec. 1933.
- 35 Newfoundland Whaling Company Co. Ltd., *Company Files*, Commercial Registration Division, Government of Newfoundland and Labrador, St.

- John's. Anonsen worked as operations manager at \$3,000 per annum, plus production bonuses of 30 cents per barrel of oil, 10 cents per two-hundredweight sack of guano, and 5 per cent of net profits.
- 36 The Salvesen family relocated from Norway to Scotland and through Christian Salvesen and Co. subsequently operated numerous whaling and associated companies. See, for example, G. Elliott, *A Whaling Enterprise: Salvesen in the Antarctic* (Norwich, 1998); W. Vamplew, *Salvesen of Leith* (Edinburgh, 1975).
- 37 For full details of the lengthy, complicated, and often acrimonious negotiations and series of agreements, see Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 121–22, 206–07.
- 38 “In the matter of the Companies Act and in the matter of the Newfoundland Whaling Company Limited in Liquidation,” n.d. *ET*, 12 Aug. 1938, indicates that the bid was £19,000 for the stations and equipment and £39,000 for oil stored in Rotterdam, or \$300,000 including whale oil.
- 39 The list of items for sale by sealed tender included all equipment and buildings at Hawke Harbour, Rose-au-Rue, and Grady, as well as land at Beaverton, Cape Broyle, and Little Grady Island. Of the catchers, only *Morelos* and *Rio Sama* were made available. Also included were large quantities of oil and smaller amounts of guano. *ET*, 10 June 1938.
- 40 The Ellefsen family's whaling operation at Aquaforte, A.B. Dickinson and C.W. Sanger, *Norwegian Whaling in Newfoundland: The Aquaforte Station and the Ellefsen Family, 1902–08* (St. John's, 2000).
- 41 For details of the Polar Whaling Co. operations, see Salvesen Papers (hereafter *SP*), especially *Polar Whaling and Co. Ltd., Ledger, 1930–47*. These documents and other sources, principally newspapers, have been used by Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 122–30, 207–11, in their analysis of local whaling between 1939 and 1951.
- 42 In addition to the Internet sources given in Appendix 1, see G. Somner, *From 70 North to 70 South. A History of the Christian Salvesen Fleet* (Edinburgh, 1984) for further images and information on vessels.
- 43 *ET*, 2 Nov. 1939.
- 44 Olaf Olsen's two whaling companies, Marine Oils Ltd. and Olsen Whaling and Sealing Co. Ltd., are discussed in Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 128–30, 210–11.

- 45 For details of these transactions, see *ibid.*, 122–24, 207–08.
- 46 A proposition from Capt. Sigmund Rasmussen, “senior officer” of the Norwegian masters employed by the Polar Whaling Co. at Hawke Harbour, that the short pause in hunting would lead to an increase in the number of whales, cannot be supported given the length of the breeding and reproductive maturity cycles. *ET*, 25 May 1948.
- 47 *ET*, 20 Sept. 1945, 16, 27 Nov., 9 Dec. 1946.
- 48 For a discussion of the IWC and other attempts to regulate commercial whaling, see Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 146–50.
- 49 *ET*, 25 May 1948. *ET*, 14 Oct. 1950, also reported that stocks previously found near Hawke Harbour were “frequenting waters further offshore.”
- 50 See, for example, *ET*, 1 Dec. 1949, 13 Apr. 1950. More specific details on events leading to Hawke Harbour’s closure in 1951 are provided by Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 124–27, 208–10.
- 51 Elliott, *A Whaling Enterprise*, 164.
- 52 *ET*, 1 June 1957. See also Dickinson and Sanger, *Twentieth-Century Shore-Station Whaling*, 138–39, 212–13.
- 53 For an account of the development of post-Confederation fur farming and the transition from the use of potheads to larger whale species to supply animal feed, see *ibid.*, 131–41, 211–14.
- 54 *ET*, 21 Sept. 1959.
- 55 *ET*, 1, 23 Sept. 1959, 6 Oct. 1960.
- 56 R.L. Stevenson, *Hawke Harbour Whaling Reports, 1950, 1951* (Ottawa: Department of Fisheries).
- 57 [http://www.sararegistry.gc.ca/virtual\\_sara/files/cosewic/sr\\_blue\\_whale\\_e.pdf](http://www.sararegistry.gc.ca/virtual_sara/files/cosewic/sr_blue_whale_e.pdf).