



THE SHIPBUILDERS OF ABERDEEN by Stan Bruce

Principal Surveyor, former shipbuilder.
Commemorating the 1872 Tea Race,
between 'Thermopylae' and the 'Cutty Sark'.
Aberdeen Maritime Museum, 15 Oct. 2022.

INTRODUCTION

- The Shipbuilders of Aberdeen Project.
- Stan Bruce and Hall Russell Ltd.
- Walter Hood & Co. Builder of 'Thermopylae'.
- My Top 16 Aberdeen Built Ships (out of 3,000+).

THE SHIPBUILDERS OF ABERDEEN PROJECT www.electricscotland.com

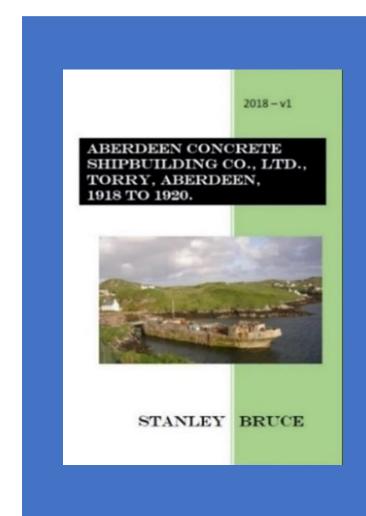
https://www.electricscotland.com/history/aberdeen/aberdeenshipbuilding.htm

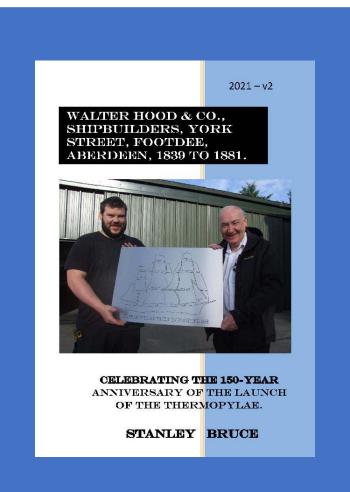
My personal project.

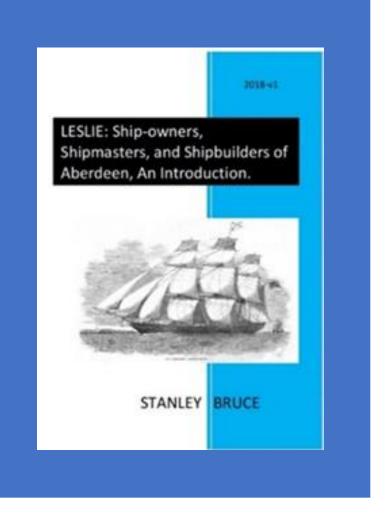
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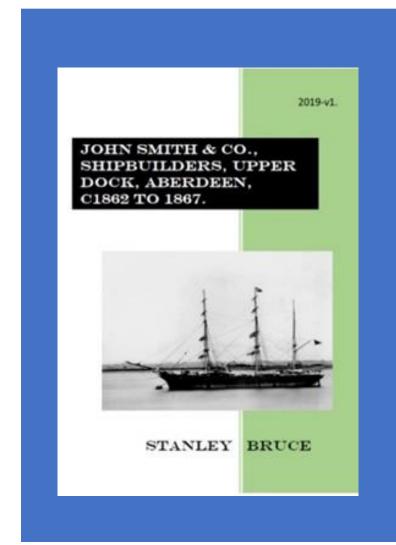
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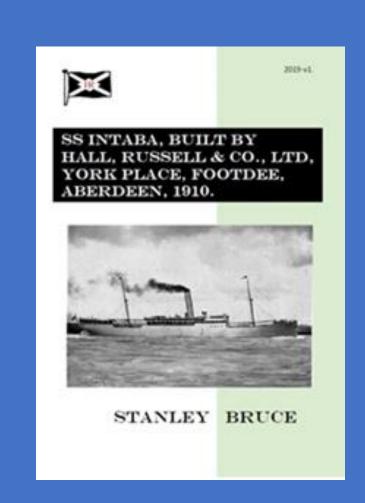
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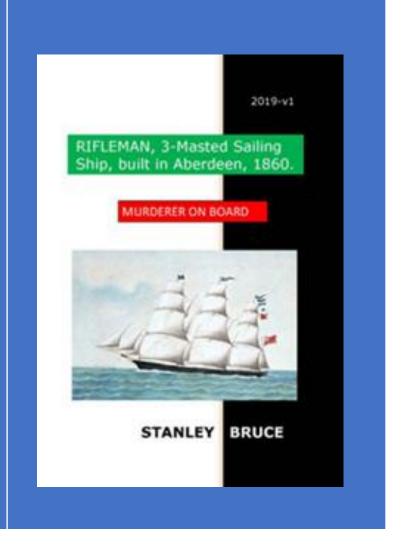


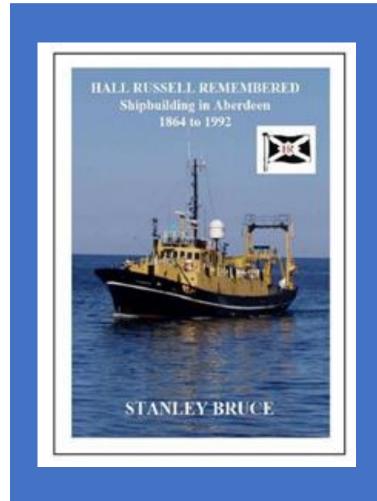


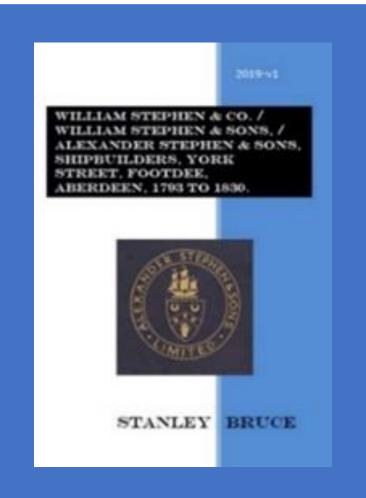


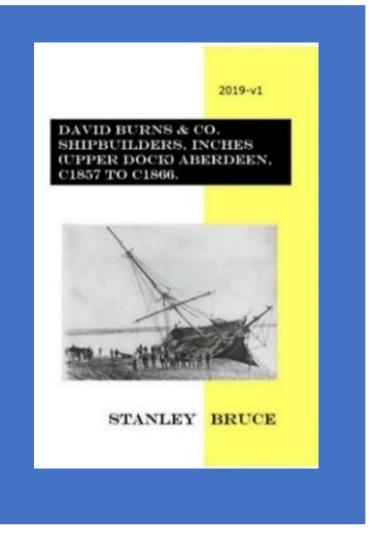




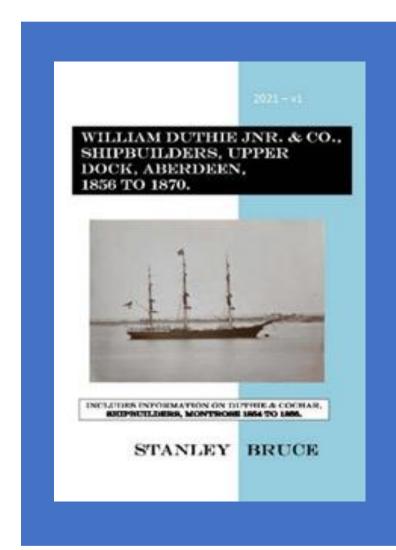


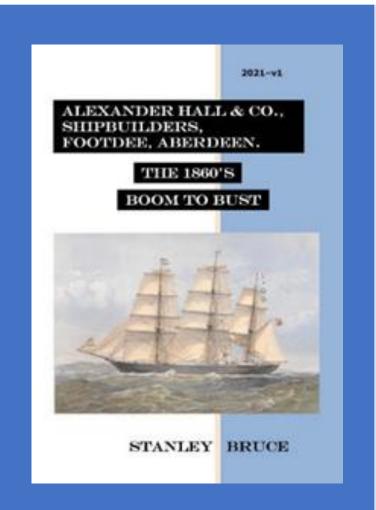


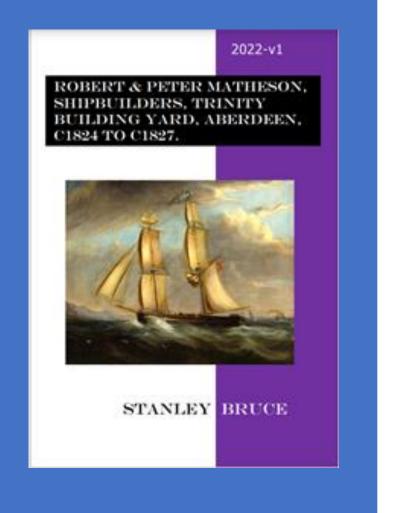


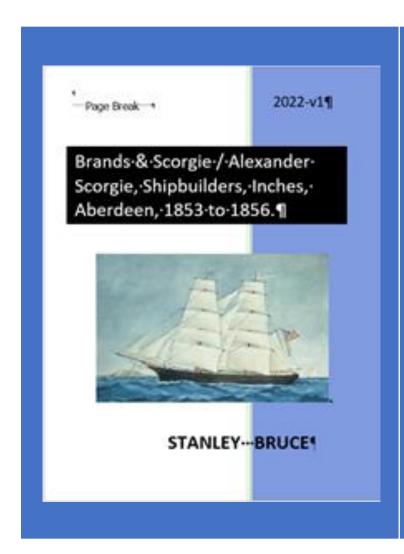


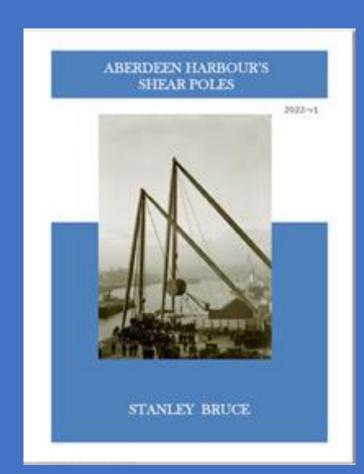


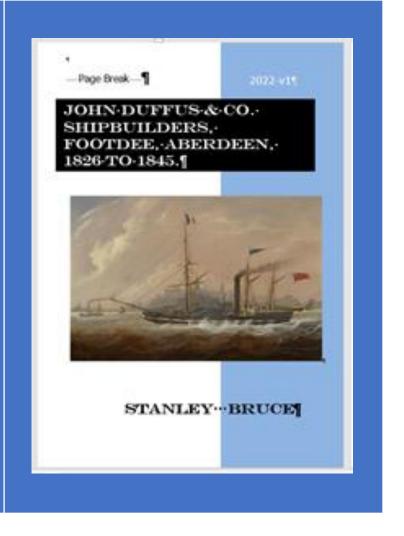


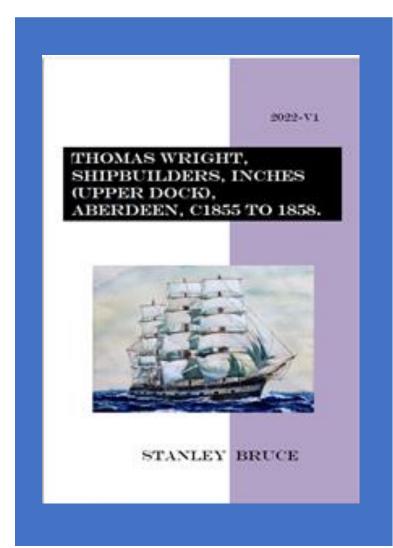


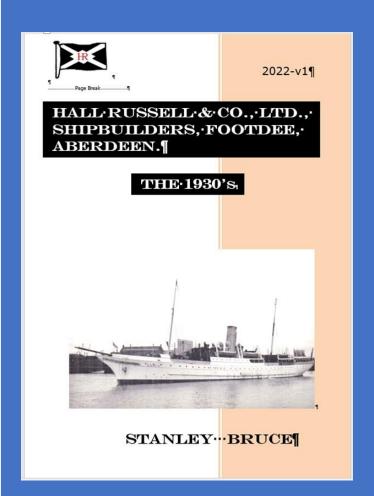


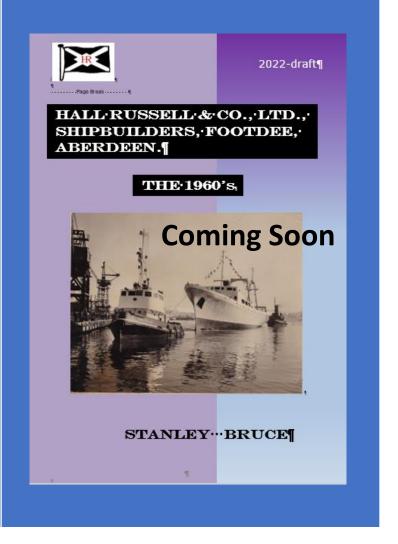


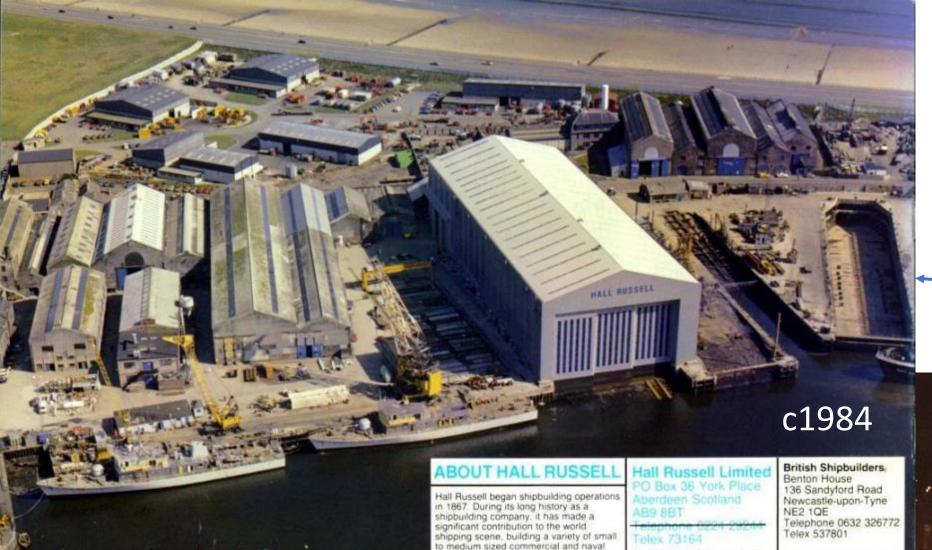












In recent years the company has concentrated on the design and build of patrol craft and auxiliary vessels for the

Royal Navy

Telephone 0224 589244

British Shipbuilders 197 Knightsbridge London SW7 1RB

Telex 8814702

Hall Russell Ltd. 1980 to 1991. Ship Draughtsman / **Assistant Construction** Manager.

Walter Hood's Yard was here.



On Sea trials off Aberdeen.



ISLAND CLASS

P278

The first vessel I saw in Hall Russell's.

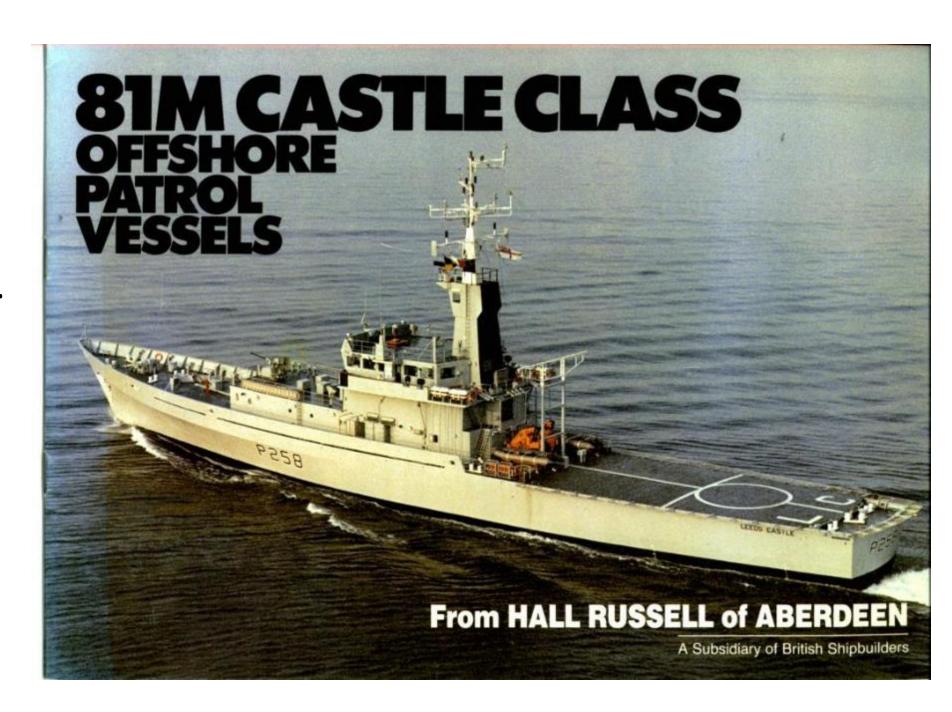
P278

HMS Alderney.

Castle Class

HMS Leeds Castle, Launched 29th Oct. 1980. First vessel I saw launched.

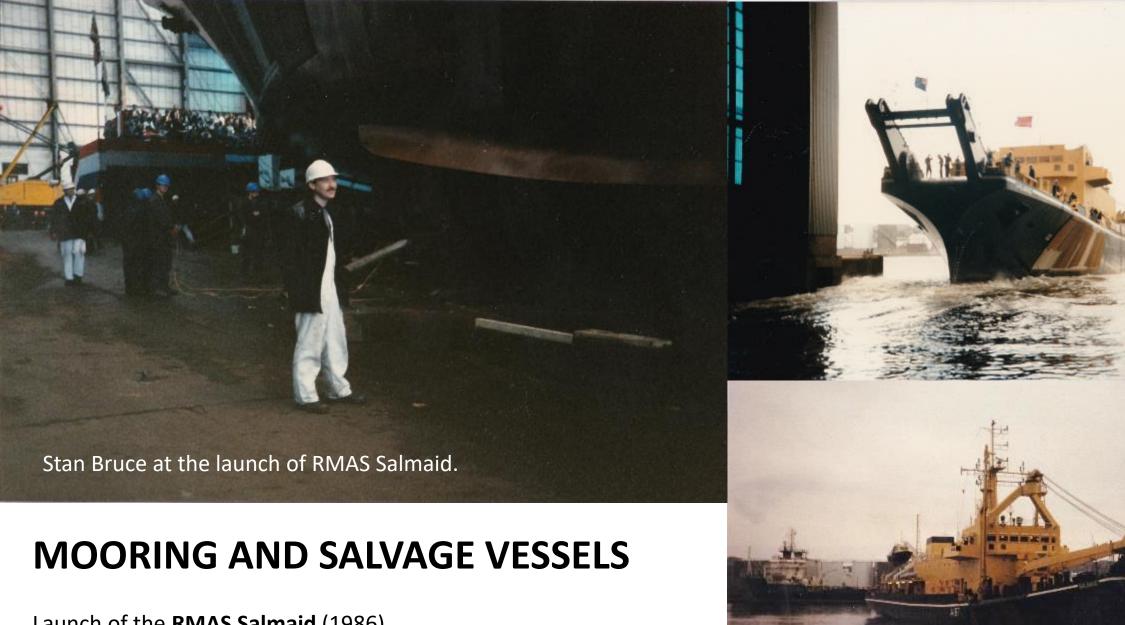
HMS Dumbarton Castle, Launched 3rd June 1981.





Hong Kong Patrol Craft
HMS PEACOCK (1983)
HMS PLOVER (1984)
HMS STARLING (1984)
HMS SWALLOW (1984)
HMS SWIFT (1985)





Launch of the RMAS Salmaid (1986).

3 built, the other 2 were Salmaster (1986) and Salmoor (1985).



Supply Vessels
Top Stan Bruce and
Ballantine x 2

Skandi Falcon,
Far Viscount /
Seaforth Viscount





St Sunniva III.









Converted, ex MV Panther.

OCAL MARITIME HERITAGE



receivership, all that existed of the ship in the building hall were her double bottom sections. Now, the 1.5m-high sections didn't even look like a ship at that early atage, and the yard management thought that the ODA might decide to have the ship built elsewhere. The belief was that if it looked like a good portion of the ship had been built, the contract would remain with Hall Russell and prospective new owners would be more likely to buy the yard.

Great efforts were therefore made to bring all the units (steel sections of the ship) out of the fabrication buys and into the building hall. The units forming the 'tween deck and the main deck were placed on top of each other, in their correct positions; tacked, and safely secured, but not faired and welded. Now when you entered the building hall, it looked like a ship - or at least the hull of a ship, basically as you see it in the launch photograph below.

The plan worked: A&P Appledore bought the yard and took on the contract to complete the vessel. The yard was saved,



assenger and curgo ship RMS (Royal Mail Ship) St Helena was the last ship to be fully built by Hall Russell and Co, Shipbuilders and Ship Repairers, York Place, Aberdeon - but she very nearly wasn't.

If the yard had not been bought by A&P Appledore, and closed in 1989, the last ship built would have been Yard No995, RMAS Sobraid (A187), built for the Royal Maritime Auxiliary Service in 1986, for service in HMNB Portsmouth, and since sold by the Royal Navy, circa 2013, to Hays Ships Ltd, Portlethen, Aberdeen, and renamed Kommaniar Calum after a conversion that included removal of her distinctive bow homs.

The St Helena was Hall Russell's Yard No1000 and was built with funds from the UK Government Oversess Development Agency (ODA). As far as I can remember, the original contract price was £19 million, but she ended up costing over £32 million. She was named after the island she was built to service. St Helena Island - one of the most remore inhabited islands in the world - is a



Launch of RMS St Heleno in 1989 - Stanley Bruce is standing on the bow, directly above the 'S'. After the yard closed, the building hall was bought by Score, Peterhead, and it now forms the central part of their Peterhead facility at Invervigie, on the site of the former distillery

UK Overseas Territory, located 1200 miles off the West Coast of Africa, in the South Atlantic. The ship was built to also service Ascension Islands, Tristan da Cunha, and Cape Town, from the port of Cardiff.

The naming ceremony was carried out by Prince Andrew, who smashed the bottle on her bow at her launch, in 1989.

During the early stages of the building of RMS St Helens, Hall Russell went into receivership. It is worth noting here that the company had been turning a profit for decades. At the point of going into

and the workers all kept their jobs, although they were made redundant and then reemployed by the new owners.

Unformately, the new owners had underestimated how much it would exist to complete the build, as they thought the full was complete. It took many weeks to get the units faired and welded. This was usually a difficult job, but it was made even more difficult because of the weight of other units on top of the ones being faired. Units usually had some distortion in the longitudinal direction, the to the weldfire:





RMS St Helena and RMAS Salmaid (right) photographs by J Addison, Cullen



RMS St Heleno in James Bay

however, the 'tween deck units also had distorted plates in the vertical threetion, due to the weight of the main deck units sitting above. Although the yard had been saved, it was only a stay of execution and it ended up closing two years later, early in 1992.

Back to the ship: she has served the islanders of St Helena for 27 years and has been their sele lifeline to the outside world. The mayor of Jamestown, the capital of St. Helena Island, was so elated about the new ship arriving, on 30 November 1990, that he declared a local holiday to celebrate her arrival, and around half of the islanders turned out to see her. She was about double the size of her predecessor, with more accommodation and cargo space, and I imagine they were very pleased when they first saw her. So important was she to the island that they produced a set of stamps to commemorate her maiden voyage, and another set on her 25th anniversary.

During her lifetime, RMS St Helena made 243 round trips from the island to the UK, covering 1.1 million miles. Although not sailing to the UK anymore, she is





RMS St Helena

Launched: 1989 Delivered: 1990

Gross Weight: 6767 tonnes

Deadweight: 3130 tonnes Length: 105m Beam: 19.2m

Draft: 6m Speed: 14.5 knots

Accommodation: 156 passengers in 56 cabins

Staff: 56 officers and crew



RMS St Helena at Hall Russell outfitting guay - photograph by Stanley Bruce

currently still sailing between Ascension, Cape Town and the St Helena Island, and will do so until - according to the latest

update - February 2018. While the island's first airport, costing £250 million, was certified 'open' last summer, turbulence and wind shear make it difficult for planes to land, and so there is still an important job to be done by the much-loved ship, made in Aberdeen.

"She is one of only two ocean-going vessels in the world still to carry the venerable title of Mayol Mail Ship. RMS St Helena is not just a passenger vessel; it's a worlding ship, plying the Atlantic Ocean, carrying goods and prople nearly halfway around the world. When you sail on the RMS, you are following in the wake of the generations of travellers and explorers who crossed the world's aceans in the leisured days before air rown! A vayage on the RMS is an unforgettable experience a blue water vayage on a working ship to ansportland rand remote blands," rms. st helena.com



Stanley Bruce in 1988

Stanley Bruce, BSc, IEng, MIMarESI, is a former Hall Russell shipyard employee and author of Holl Russell Remembered.

https://www.scottishfield.co.uk/culture/the-150th-birthday-of-thefastest-clipper-to-sail-the-seas/

Sailing at a good clip

This month marks the 150th anniversary of the launch of the Aberdeen-built Thermopylae, the fastest clipper that ever sailed. Stanley Bruce reports

nglish poet and writer - Cicely Fox Smith wrote, 'Of all that fleet of swift and lovely ships, none was perhaps ever built more lovely and more swift than the famous clipper Thermopylae... there was some secret quality which moved a seaman's heart with emotion of apprehended beauty."

Designed by Bernard Waymouth of Lloyds Register of Shipping, Thermopylae was built by Walter Hood of Aberdeen with copper sheathing and a composite hull and was given a high 17A1 classification.

Priced at £9,000, the 212ft, three-masted, squarerigged tea clipper was 991 gross registered tons, with a depth of 20.9ft and boasted a 36ft beam. She was built for George Thompson's Aberdeen White Star Line specifically for trade with China. Named by the wife of one of Thomson's friends, Thermopylae was launched on 19 August 1868.

Speed was required to get the tea home quickly, and to evade pirates in the China Seas, and this is where Thermopylae quite literally excelled. British historian and



sailor Basil Lubbock wrote in his book The China Clippers that she was 'the pride of the British Merchant service and justly considered by most seamen to have been the fastest sailing ship ever launched'.

She sailed her maiden voyage from Gravesend to Melbourne in a record-breaking 63 days, which is still the fastest passage on record'

Above left: Bernard Waymouth of Lloyds Register of Shipping, Main Image: Thermopylae in full sail, Below: Thermopylae figurehead.





ever by a sailing ship. Her greatest rival was the Cutty Sark, which was designed by Hercules Linton from Inverbervie. Aberdeenshire and completed in 1869. It can be argued that the two greatest salling ships

the fastest passage on record

The two ships, both laden with tea, were put to the test on 8 June 1872 in a race from Shanghai to London During the passage, the Cutty Sark lost her rudder and Thermopylae arrived in the

ever built had Aberdeen mots.

Downs on 12 October 1872. six days before her rival. Two things won her the race: great seamanship and her quality of build - testament to the shipbuilders of Aberdeen.

Lubbock wrote, 'The racing clippers loaded their tea cargoes at Foochow, and the splendid fleet as it assembled in the harbour was a sight

to gladden the hearts of all seafarers.

The ships with their glistening black hulls, snow-white decks, golden gingerbread work, carving at bow and stern, newly varnished teak deck-fittings, glittering brass and burnished copper were things of dazzling hearity, and in all the fine

array none could compare with the loveliness of the White Star clippers."

However, with the opening of the Suez Canal on 17 November 1869, steam ships could bring the tea home quicker than sailing ships, so Thermopylae began carrying wool from Australia from 1882 onward.

In 1897, she was sold to Portugal for use as a naval training ship and was renamed Pedro Nunes. The Portuguese Navy towed her down the Taqus River using two warships in October 1907 and she was torpedoed off Cascais with full naval honours in front of Amelia de Orleans, Queen of Portugal.



1882 to 1889; Carried wool en Australia and England.

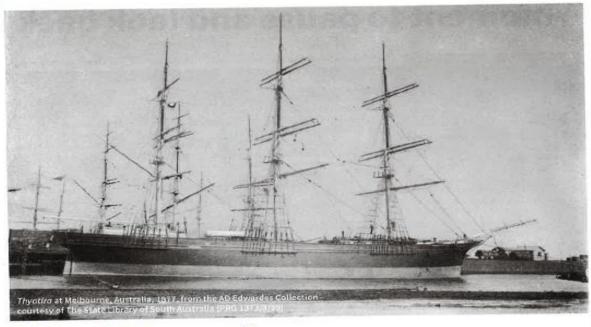
1890: Sold to Mr. Redford of Canada, president of the Rice Milling Co. for £5,000, and was altered to a barque rig. She made possibles between Victoria, British Columbia, and For Factoria ports from Yakya to Singapore and regularly carried cargoes of rice from Rangoon (modern-day Yangon, Burma)

1903: Converted to a coal hulk on the Tagus River near Lisbon,

r 1889: Sold to William

1895: Sold to the Portuguese as a mining ship and renamed Pedro Nunec.

13 October 1907: Used for torped practice and sunk by the Portuguese Navy in what was claimed to have been a naval funeral.



The Thyatira



made for trade with Australia and China. amed after an ancient Greek city, Built under special survey by Lloyds now known as the Turkish city of Register of Shipping, she was classified, in Akhisar (meaning 'white castle'), 1867, as '17A1' - the highest classification she was the first composite ship built by Walter Hood had received on any of his Walter Hood & Co, Shipbuilders, Footdee, ships up to this date. Aberdeen, and the first composite ship On her maiden voyage, she made the built for George Thompson's Aberdeen passage from London to Melbourne in (White Star) Line. A composite ship is one

77 days. It was a very fast passage at that constructed using a combination of wood time, as other ships were typically taking and iron, which made it much stronger than between 80 and 110 days. She took 96 days wood alone. All of Hood's ships built up to to return, but in 1881 made her fastest-ever this date were constructed of wood. passage to Melbourne in only 75 days. Thyatara - the 29th ship Walter Hood

The Aberdeen (White Star) Line was

anniversary of the launch of the Aberdeen-built clipper ship, Thyatira. established in 1825 by George Thompson

August 2017

marks the 150-year

lunior (c1804-95), aged only 21 years. He attended Aberdeen Grammar School, and, prior to opening his own company, worked in the Aberdeen office of the London Shipping Co. Thompson's company was initially set up to run sailing ships carrying emigrant passengers to Quebec/ St Lawrence, Canada, and returning with timber. Some of the timber imported would

have been used locally for shipbuilding. By 1837, the Aberdeen Line had a fleet of 12 sailing ships and, around 1840, they started to sail to the Far East, New Zealand and Australia. It is said that Thompson never insured his ships against loss; rather, he reinvested the money in maintenance, safety, and in buying new ships.

From 1840 to 1881, Walter Hood built 43 ships for George Thompson's Aberdeen White Star Line - that's one every year, plus one. They were fine-looking vessels, admired in ports all over the world for their green-painted hulls; white masts, yards, bowsprit and blocks; grand, white figureheads; snow-white decks, gold stripes and scroll work, and wealth of brass fittings. There was an obvious reason why Hood's built so many ships for Thompson's: in 1842. George Thompson bought into the company of Walter Hood & Co and became a principal partner.

In 1854, Thompson's son-in-law, William Henderson, established the White Star Line's London office, at No7 Billiter Square, London. It was from here that Thyatira and other Aberdeen Line ships sailed to Melbourne/Sydney and onwards to Shanghai/Foochow/Whampon and back.

Thyatira had quite an eventful life, sailing 29 years before sinking in dramatic circumstances:

Basil Lubbock, in his book Colonial Clippeis (1921), tells the story of second mate Mark Breach, who had newly joined the ship's crew in London and was overseeing the stowage of cargo, when he spotted a visitor on board smoking a pipe. Breach, ignorant as to the man's identity, politely asked the gentleman to extinguish his pipe as smoking was not allowed due to the risk of fire. Without disclosing his identity, the gentleman apologised and immediately put his pipe out. After the visitor had left, the first mate asked Breach what he was talking to Mr Thompson about. Breach was rather worried when he learned it was the ship's owner, Stephen Thompson (son of George), whom he'd told off. Later, the first mate told Breach that "Stephen Thompson had been very pleased and prophesied that he would be a good servant to the company". Breach later became one of the company's best-known captains.

On 29 October 1872, the wife of Captain John McKay gave birth to a daughter on board, while sailing in the Indian Ocean.

On 17 September 1879, The Melbourne Argus newspaper reported: "At Williamston



Court, three men belonging to ship THYATIRA charged with disobedience of orders on 29th Aumert, when versel was at sea, Defendants had declined to wash down paint when ordered. Their excuse that weather was too rough. Sentenced to seven-day imprisonment". There was no verbal warning in those days - it was straight to the sheriff and then off to prison.

On 26 January 1882, at midnight, en route from Melbourne to London with a cargo of wool, Thyarira collided with the 26-year-old Atmosphere (sailing under a British flag), en route from Liverpool for Valparaiso with coal. The Atmosphere sank quickly; however, all her crew, except for the steward (who, it is thought, died on board in the accident), were taken on board the Thyanina. While Thyanina lost her jib boom and some spars in the collision, her composite design was much stronger than the other, conventional wooden, ship and she suffered less damage.

On 24 October 1889, The Melbourne Argus reported that an inquest was heard regarding sailor John Shand, aged 45 years, who supposedly drowned at Williamstown, Melbourne, Victoria, Australia, by falling between the ship and the harbour pier. At the time, Williamston was the major cargo port of Victoria.

In 1894, Thyatira was sold to IW Woodside & Co, Belfast.

On 16 July 1896, she left London, bound for Rio de Janeiro under the

command of Captain Winterton, on what was to be her last passage. She was carrying general cargo, including 800 packages of dynamite. Survivors reported an uncontrollable fire on board, and the captain, recognising the danger posed by the dynamite, ordered the crew to lower the lifeboats and abandon ship. Thanks to his swift decision, Thyatina's entire crew survived. The ship was said to have split in half when the dynamite exploded, and it sank in the darkness of night. The wreck site is reported as Pontal da Barra, Maceió, State of Alagoas, Brazil.

In 2012, the wreck of Thyerina was accidentally found in 30 metres of water, by Brazilian diver Fernando Vagner, who was sent down to free some entangled nets belonging to local shrimp fishermen.

Hopefully, in the light of this discovery, we will hear more about the ship in future.

Thyatira	
Rig	Ship, three masts, square-rigged
GRT	962 tons
Length	201°6"(61.42m)
Breadth .	33'10"(10.31m)
Depth	21°6"(6.55m)
Figurehead	Unknown

Stanley Bruce, BSc, IEng, MIMarEST, is a former Hall Russell shippard employee and author of Hall Russell Remembered

built for George Thompson - was purposely

The End of Hall Russell Ltd., Shipbuilders, Aberdeen.

1988, Nov.: Hall Russell went into liquidation during the build of yard No. 1000, 'RMS St Helena' ferry (£19 million).

1989, Feb.: A& P Appledore (Aberdeen) Ltd. took over the yard and the contract for 'RMS St Helena' (now £31 million).

1989, 31st October: 'RMS St Helena' was launched.

1990, September: 'RMS St Helena' delivered.

1989: 'St Ola', yard No. 1001, refit and stability sponsons fitted (£1/2 million).

1990: Yard No. 1002 an Ulstein 704 hull was launched, which was fitted out in Norway and named 'Skandi Falcon'.

1991, Feb.: I left A&P Appledore (Aberdeen) Ltd. and joined Det Norske Veritas (DNV) as a surveyor. Currently - Principal Surveyor.

1992: A&P Appledore (Aberdeen) Ltd. closed early in 1992, equipt was auctioned March 1992.



Admiral class

Designed by A&P Appledore for use in the North Sea – Never built!

Walter Hood & Co. - Builder of Thermopylae.

- In business 1839 to 1881, and built 100 sailing vessels.
- George Thompson Jnr. was a partner.
- 1851 census states Walter Hood employed 120 workers.
- Built 'Thermopylae' (991 tons) in 1868.
- From c1866, Cornelius Thompson designed many of the vessels.
- Cornelius assisted Bernard Waymouth in the 'Thermopylae' design.
- Walter Hood built 43 ships for the Aberdeen Line (George Thompson Jnr. & Co.), plus another 14 ships part-owned or owned by George Thompson Jnr.
- Built vessels of wood, composite and iron. (No engines).
- Biggest vessel built 'Aristides' (1,721 tons) built of iron in 1876.

Walter Hood.

Born 20th August 1802 in Brechin. Died in 27th December 1862 in Aberdeen. Buried in the Nellfield Cemetery, Aberdeen.

Also buried here:

William Henderson (Shipowner).

Cornelius Thompson (Shipowner) and family.

J. T. Rennie (Shipowner).

Alexander Duthie (Shipbuilder and shipowner). John Duthie of Cairnbulg.

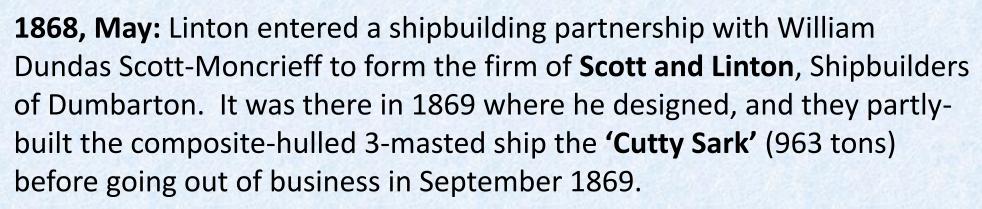


Gravestone of Walter Hood.

Cutty Sark, link to Aberdeen.

Designer – Hercules Linton (1837 to 1900). Born at Inverbervie.

1855, 1st **January:** Linton, aged 19-years was apprenticed to **Alexander Hall & Co.,** Shipbuilders, York Street, Footdee, Aberdeen, for six years.



1869, December: Linton joined **Leckie, Wood & Munro**, Torry, Aberdeen as the head of the modelling and design department, left after 4-months.

Followed in his father's footsteps as a ship surveyor. His father worked in Banff and Fraserburgh as a ship surveyor. (More info in my Leckie, Wood and Munro book).



My Top 16 Aberdeen Built Ships.
Out of 3,000+
(> 1 million tons)

In chronological order.

Queen of Scotland.

Paddle Steamer built for Aberdeen & London Steam Navigation Co. (John Duffus & Co., managers).



1827 Queen of Scotland (304 tons).

John Duffus & Co., Footdee.

1st steamship built in Aberdeen.

Scottish Maid.





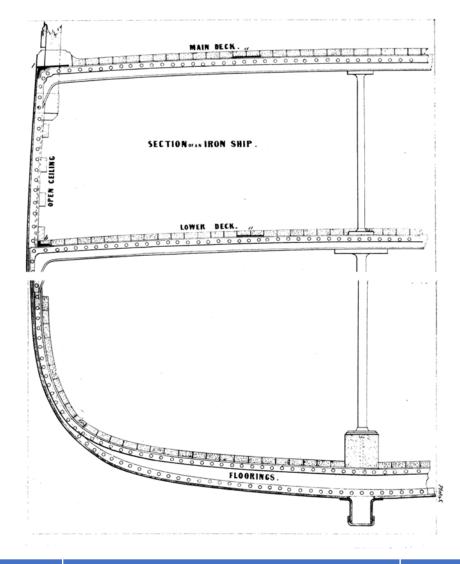
As painted by J. Fanner 1888.

1839 Scottish Maid,
Topsail Schooner
(142 tons)

Alexander Hall & Co., Footdee.

1st sailing ship built with what was to become known as an 'Aberdeen Bow'.

John Garrow.



1840 John Garrow, ship (555 tons).

John Ronald & Co., Footdee.

1st Iron vessel built in Aberdeen.

Lady Franklin.



Sir John Franklin, engraved by D. J. Pound, from a drawing by Negelen.



Lady Franklin drawn by M. Romilly (Graphic 1815).

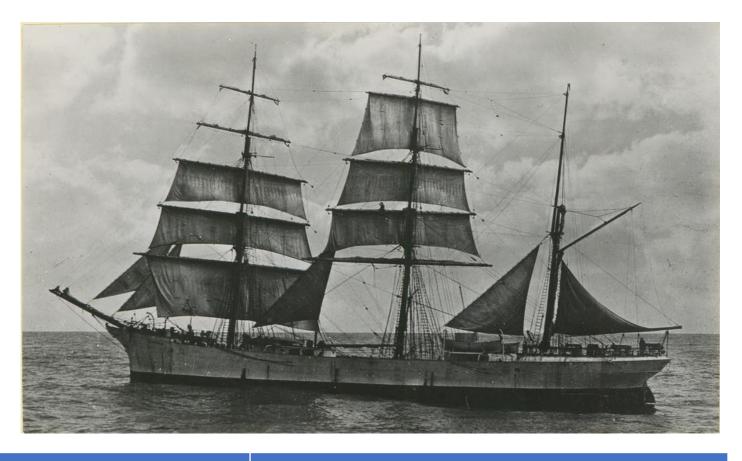
1850 Lady Franklin,
Brig (201 tons).

Walter Hood & Co., Footdee.

Sailed in 1850 /1851
Franklin search expedition to the Arctic.

Mimosa.

Today – 50,000 Welsh descendants with 5,000 of them speaking Welsh live in Patagonia.



1853 Mimosa, ship, (447 tons NM). Alexander Hall & Co., Footdee.

1865: She carried the first 153 Welsh colonists to Patagonia, South America.

Schomberg.

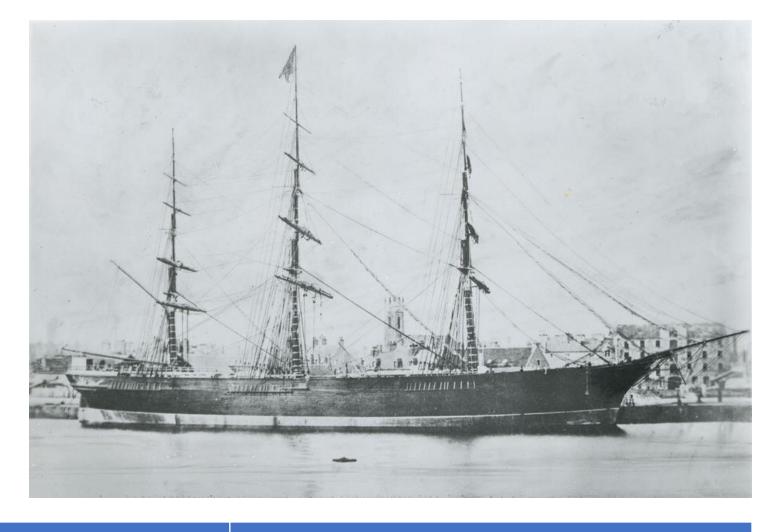
Sank on her maiden voyage at Victoria, Australia.

Owner: Black Ball

Line.

Master – Captain

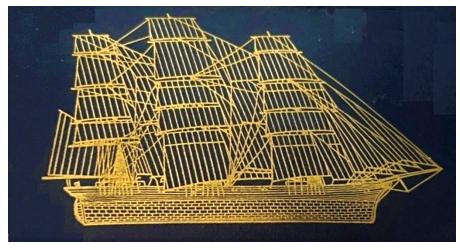
Forbes.



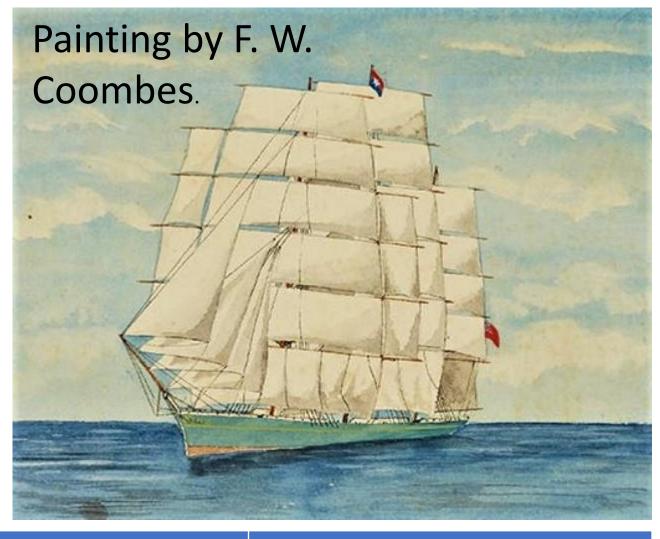
1855 Schomberg, ship (2,600 tons). Alexander Hall & Co., Footdee.

Largest sailing ship built in Aberdeen, 2,284 tons (NM) / 2,600 tons (OM) & 288 feet long.

Thermopylae.



John Pinches Ltd. trinket box, 1980.



1868

Thermopylae, Walter Hoship (947 tons). Footdee.

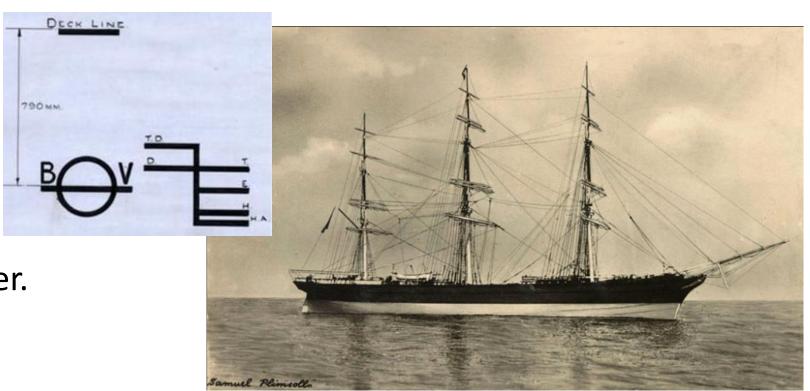
Walter Hood & Co., Footdee.

Fastest clipper ship that ever sailed.

Samuel Plimsoll.

MP Samuel Plimsoll. Typical load line.

Owned by GTJ.
Shows he was a responsible shipowner.



1873 Samuel
Plimsoll, Ship,
(1,520 tons)

Walter Hood & Co., Footdee.

She had the Plimsoll load line fitted, when built, before the government Act of 1876.

Elissa.

1877

Elissa, barque (430 tons).

Alexander Hall & Co., Footdee.

The only 19th century Aberdeen built sailing ship still sailing.

Currently berthed in Galveston, Texas.



Cretetree.



1919 Cretetree, tons).

Aberdeen Concrete Barge (1,000 | Shipbuilding Co., Torry.

1st concrete-hulled vessel built in Aberdeen. Currently used as a jetty at Scalpay, Harris.

St Sunniva II.

Owned by the North of Scotland & Orkney & Shetland Steam Navigation Company. She sank Jan. 1943, overcome with ice.



1931 St. Sunniva (II),
passenger/cargo
(1,368 tons).

Hall, Russell & Co., Ltd., Footdee.

Most beautiful ship ever built in Aberdeen. (Stan's opinion).

Acklam Cross.

Earliest diesel/electric vessel I could find was the 'Vandal' Built in Russia in 1903.



1933 Acklam Cross, Hall, Russell & Co., Tug (150 tons). Ltd., Footdee.

1st diesel / electric vessel built in Aberdeen.

FRV Sir William Hardy (Rainbow Warrior).

10th July 1985 she was bombed in Auckland Harbour, New Zealand by French agents.

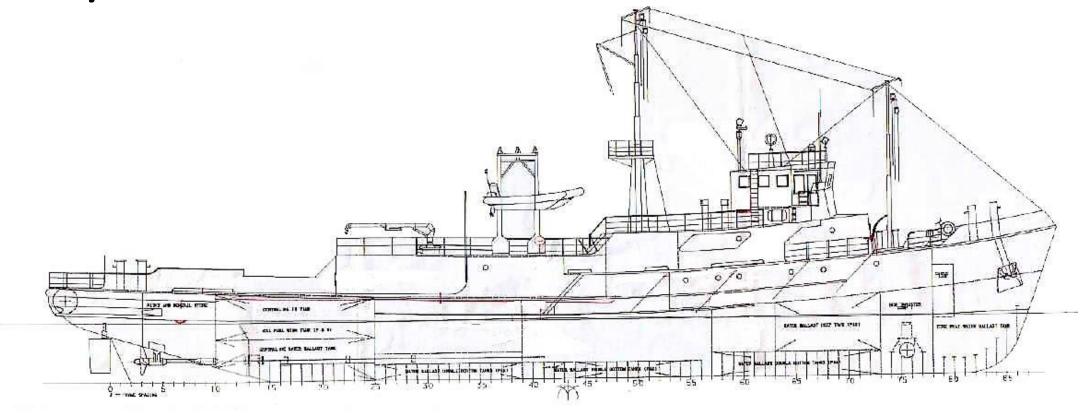


1955 FRV Sir William Hardy, (418 tons).

Hall, Russell 1978: & Co., Ltd., Green Footdee. 'Rainb

1978: bought by Greenpeace and renamed 'Rainbow Warrior'.

Lady Alison.



1965 Lady Alison,
OSV (854
tons).

Hall, Russell & Co., Ltd., Footdee.

1st Oil Supply Vessel built in Aberdeen for the North Sea.

Thameshaven.



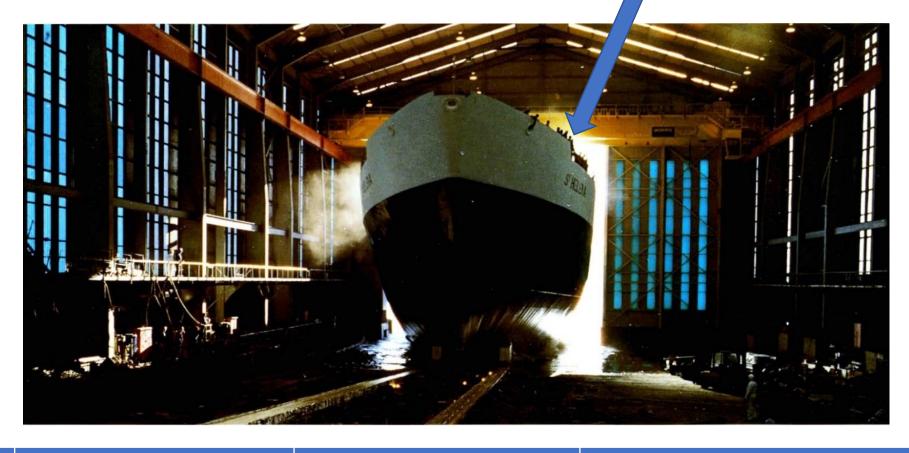
1971 Thameshaven, cargo vessel (8,992 tons).

Hall, Russell & Co., Ltd., Footdee.

Largest vessel ever built in Aberdeen.

RMS St Helena.





1990

RMS St. Helena, passenger/cargo vessel (6,876 tons).

Hall Russell Ltd., Footdee.

Last ocean-going ship built (fully completed) in Aberdeen.

Thanks.

Thanks to Ricky Somerville and Gavin Gatt of Weldtech Services, Mains of Cairnorrie, Methlick, AB41 7DA, who as a personal favour to me cut the plaque free of charge showing the 'Thermopylae' leading the 'Cutty Sark' for erection at Footdee.

Ricky and Gavin also cut the plaque for the 150th Anniversary of the launch of the 'Thermopylae', in 2018, again free of charge, which is sited in the old bus shelter at the bottom of York Street, Footdee.

"The staff at Weldtech Services support the role that the maritime industry has played in shaping the North East's past and future and this plaque is gifted to show our gratitude to our forefathers and all the people who remain passionate about promoting our heritage to future generations." Ricky Somerville.

www.precisionwaterjetcut.co.uk

Office Tel.: (01651) 806569 / sales@precisionwaterjetcut.co.uk

Some links if you're interested in finding out more.

https://futureoftheocean.com/stan-bruce

https://www.electricscotland.com/history/aberdeen/aberdeenshipbuilding.htm

https://electricscotland.com/poetry/banff/story4.htm

https://uk.linkedin.com/in/stan-bruce-52043141

https://poetrypoem.com/cgibin/index.pl?sitename=bardofbanff&item=home

