

## APPENDIX A

## FIGURES



Fig. 1. Frigate believed to be *Pallas*. Painted by Charles Brooking, 1759. From Brooking, 8



Fig. 2. Frigate entering Portsmouth. Painted by Thomas Mitchell, 1780. From Brooking, 100

36-Gun Royal Navy Frigate  
HMS PALLAS  
1757

Ship Lines

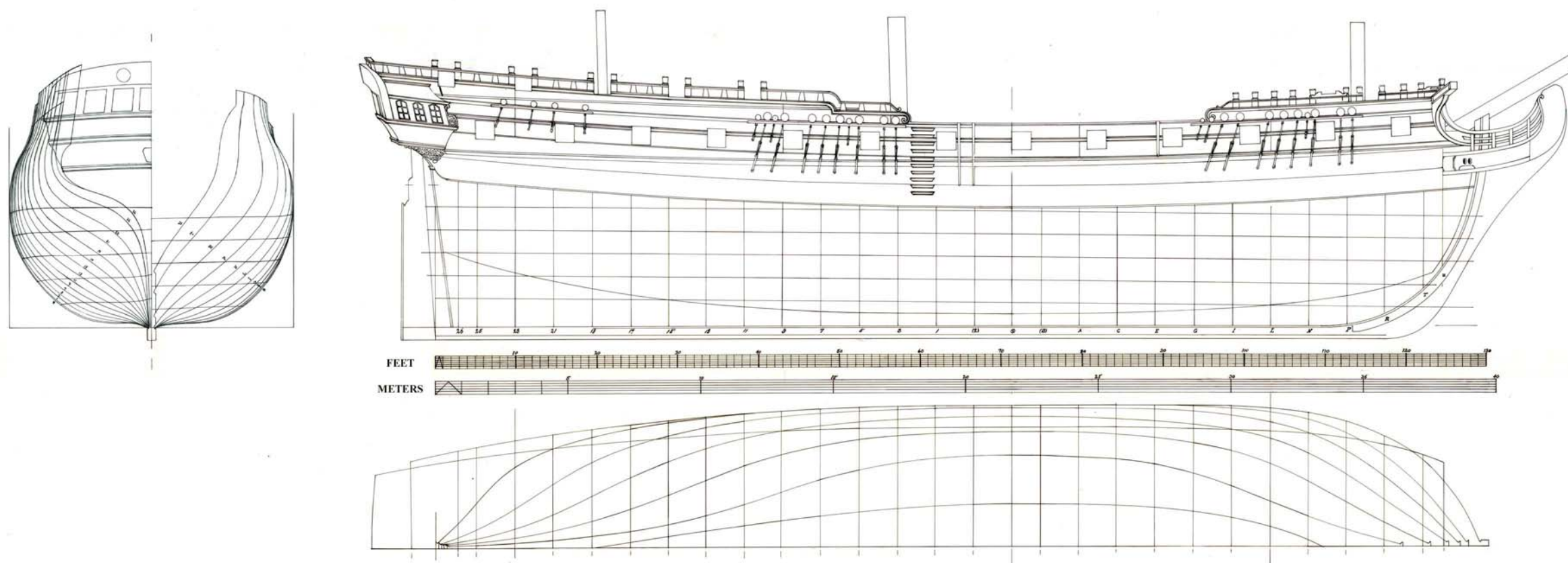


Fig. 3. Ship's lines for frigate HMS *Pallas*. Based on NMM: ADM 2042 - Admiralty drawings for *Pallas*' sister ship HMS *Brilliant*

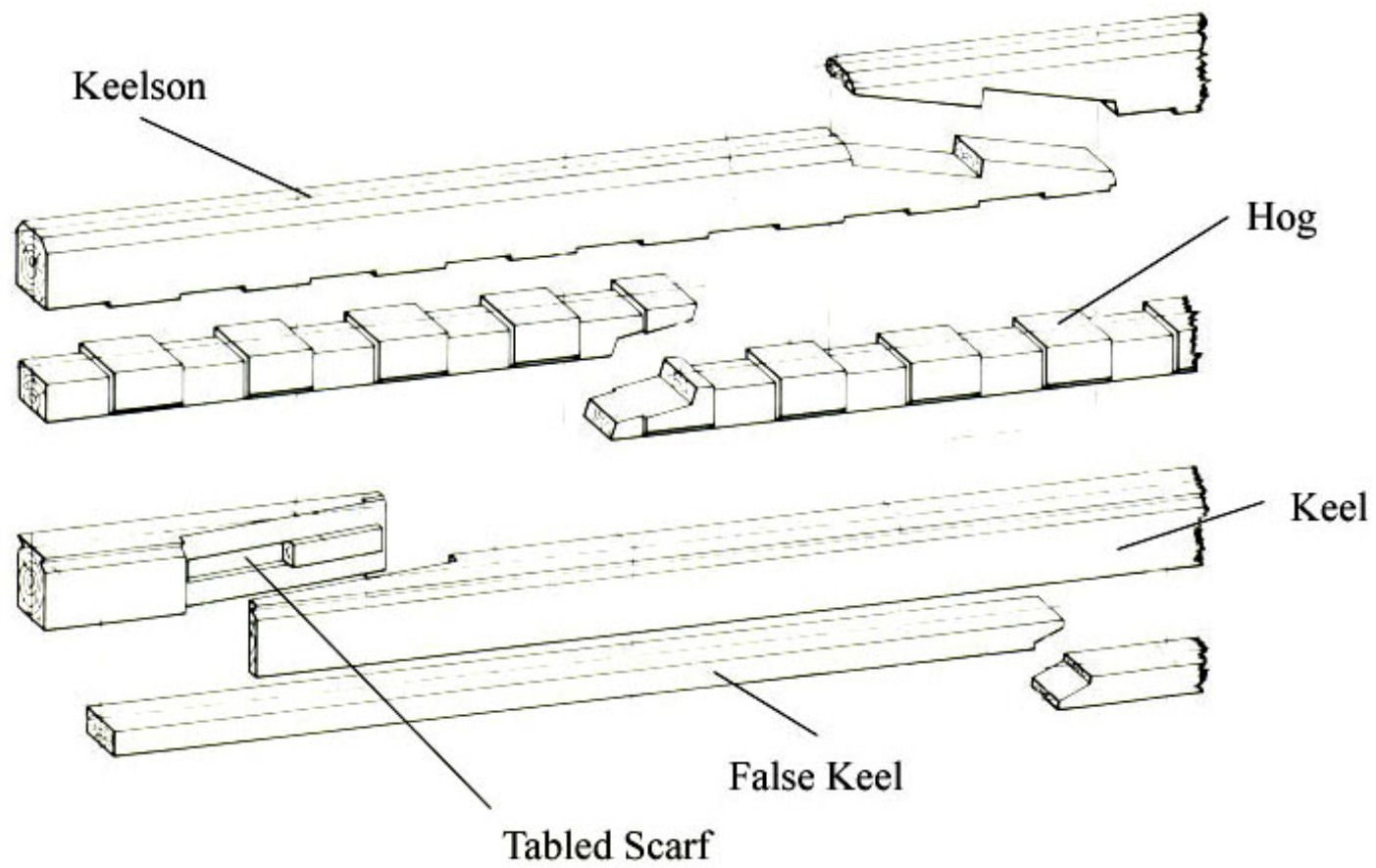


Fig. 4. Keel and keelson assembly detail. From White, 31



36-Gun Royal Navy Frigate  
HMS PALLAS  
1757  
Interior Profile

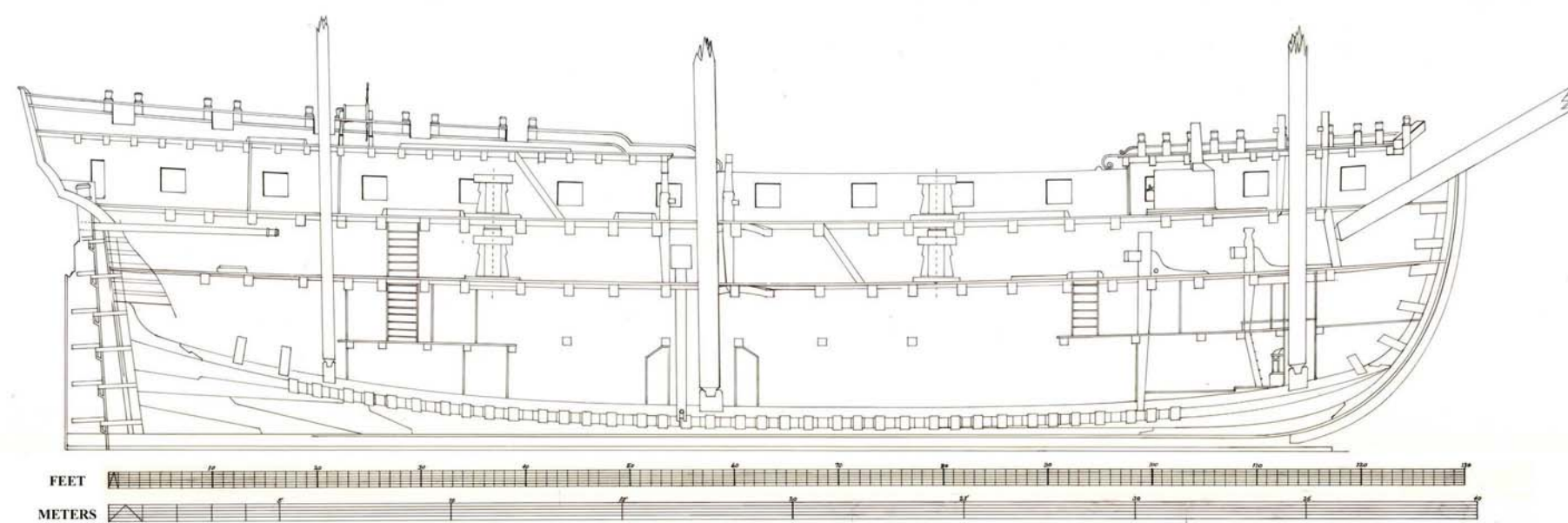


Fig. 5. Interior profile plan for frigate HMS *Pallas*. Based on NMM: ADM 2196 Admiralty drawings HMS *Pallas*

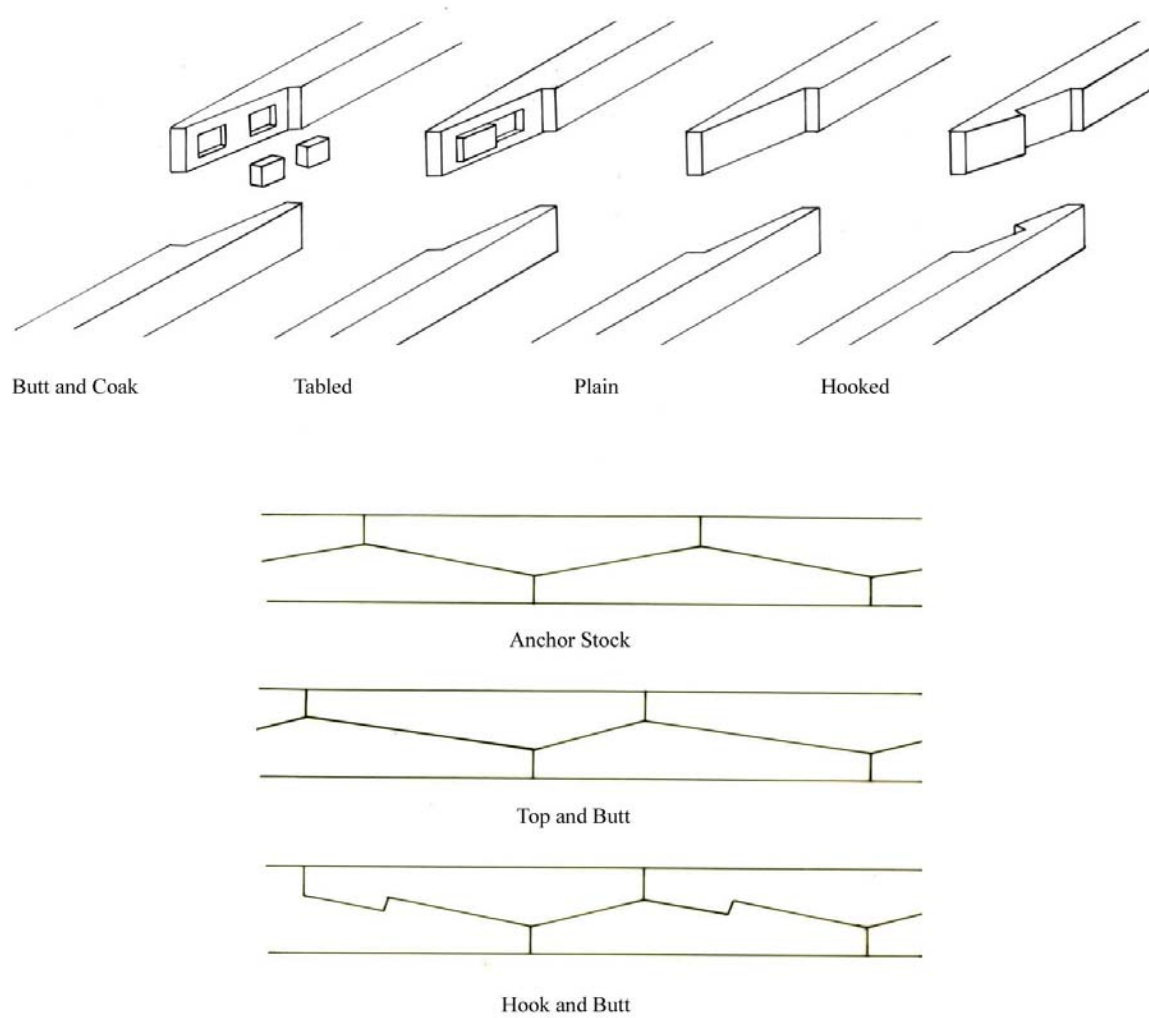


Fig. 6. Various types of scarfs used in construction of *Pallas*.

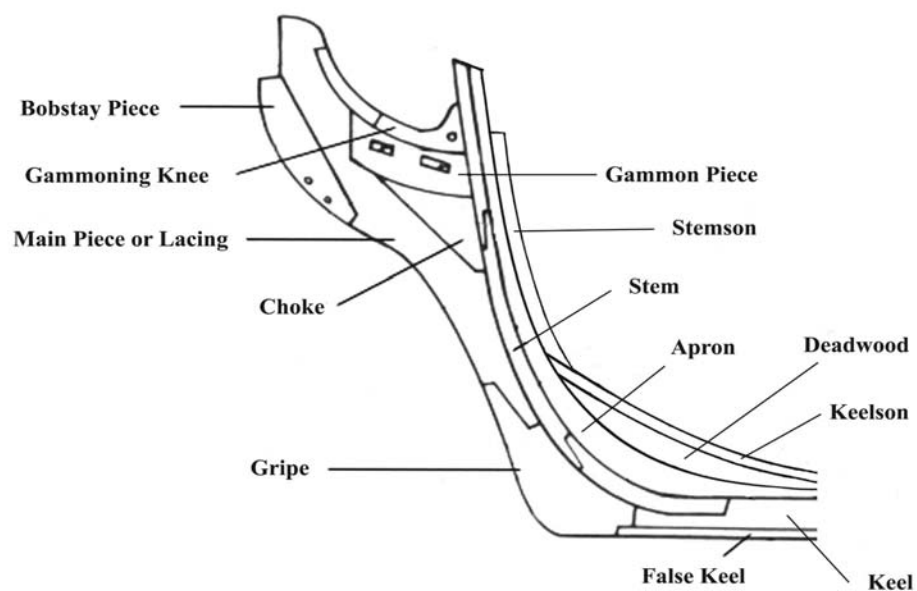


Fig. 7. Stem assembly detail. After Goodwin, 37

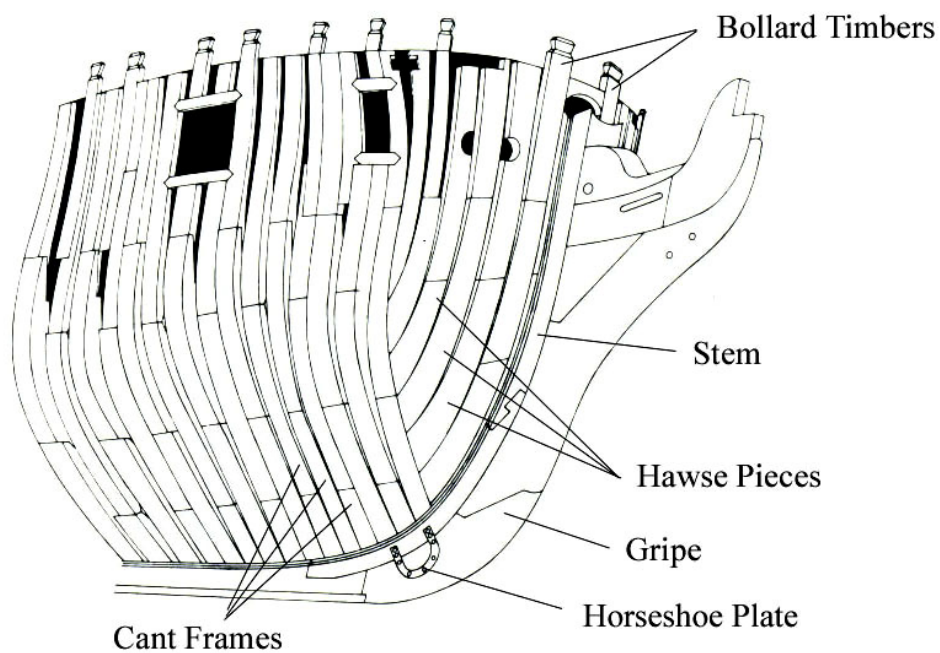


Fig. 8. Bow construction detail of frigate *Pandora*. From McKay and Coleman, 30

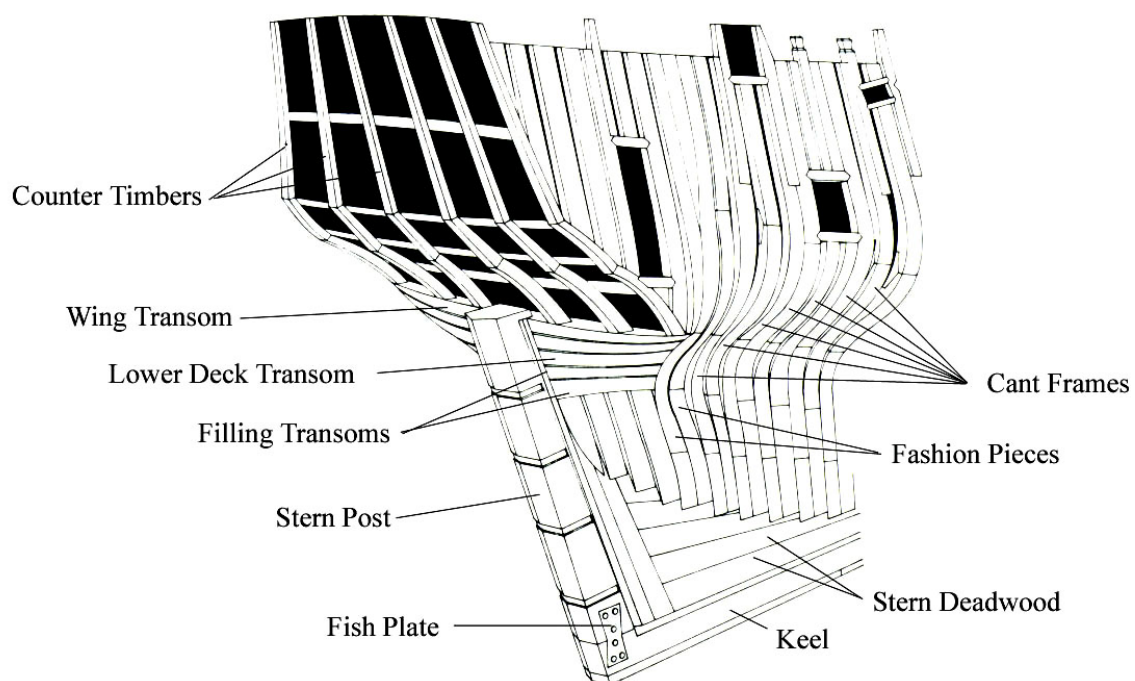


Fig. 9. Stern construction detail of frigate *Pandora*. From McKay and Coleman, 31

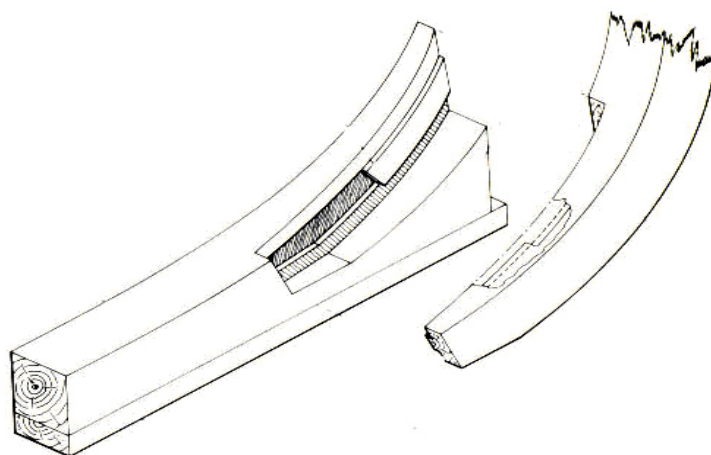


Fig.10. Stem boxing detail. From White, 31

**36-Gun Royal Navy Frigate  
HMS PALLAS  
1757**

**Interior  
Construction Detail**

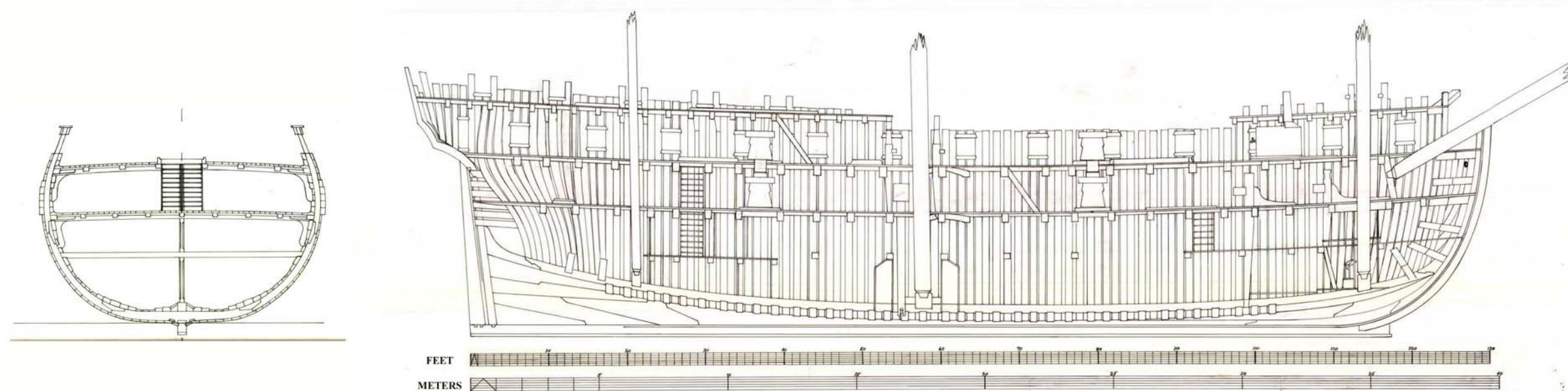


Fig. 11. Interior construction detail for frigate HMS *Pallas*.



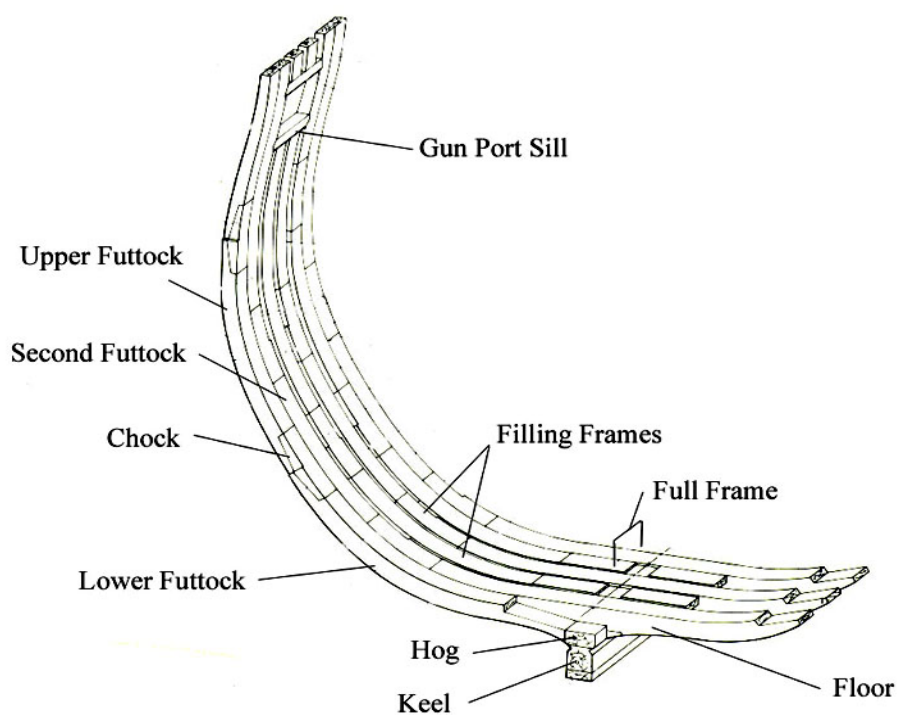


Fig. 12. Frame assembly detail. From White, 39

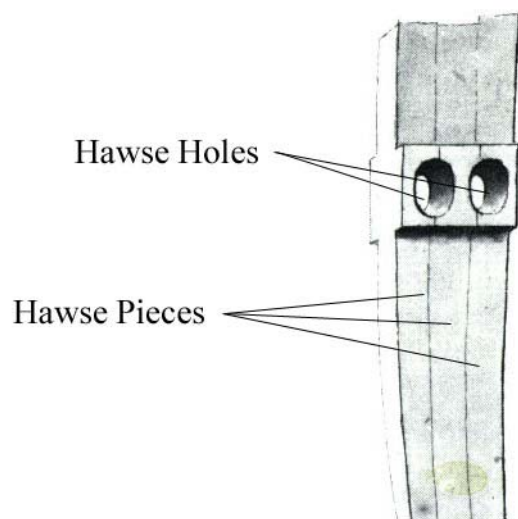


Fig. 13. Hawse pieces detail. From Ollivier, 57

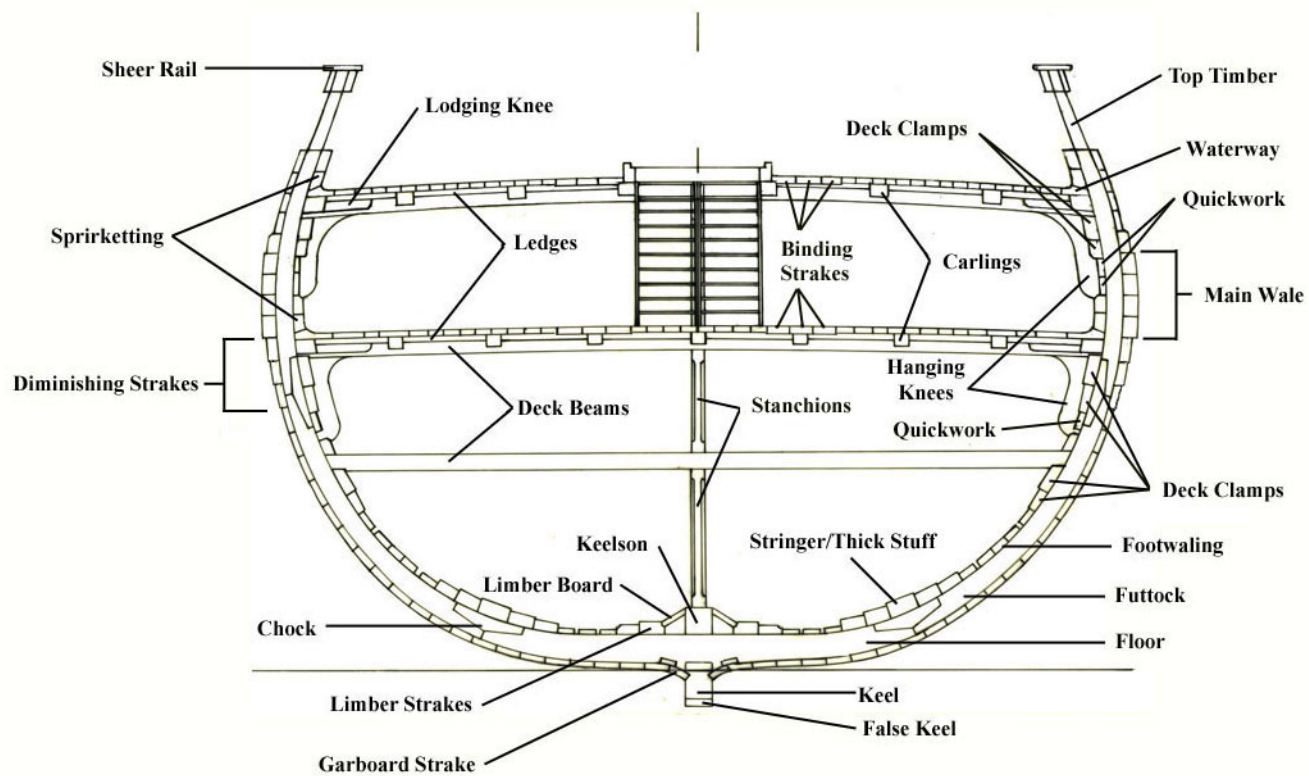


Fig. 14. Midship section detail frigate HMS *Pallas*.

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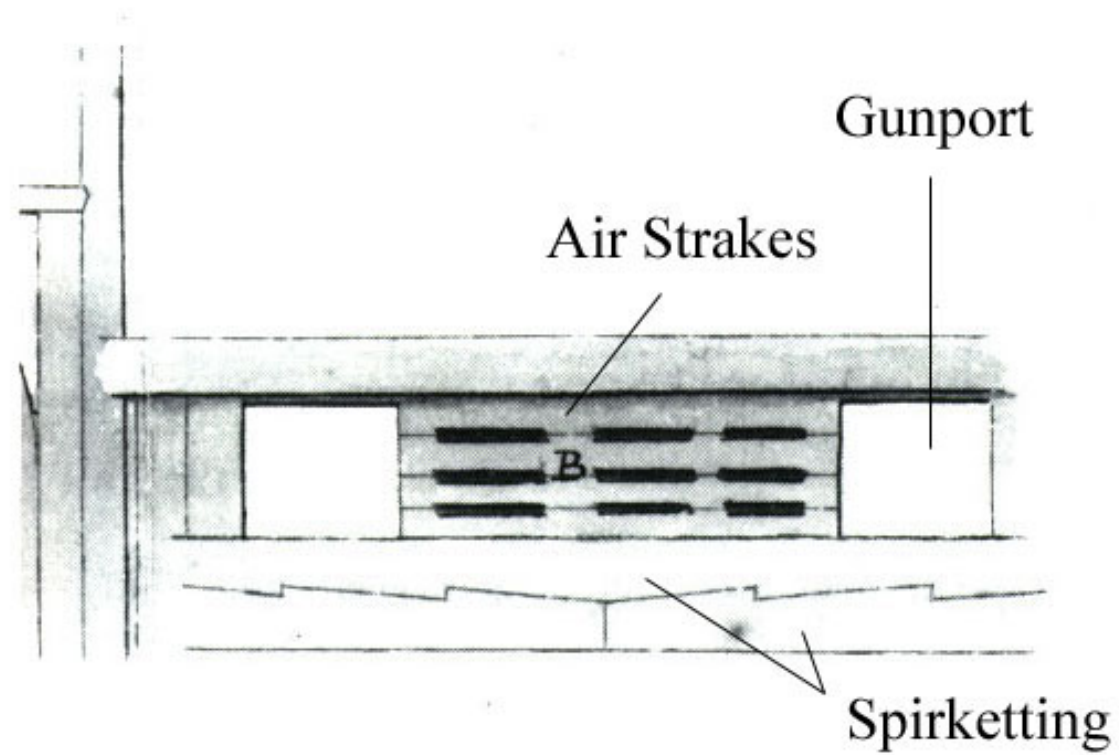


Fig. 15. Spirketting and quickwork detail. From Ollivier, 57

36-Gun Royal Navy Frigate  
HMS PALLAS  
1757  
Gun Deck Plan

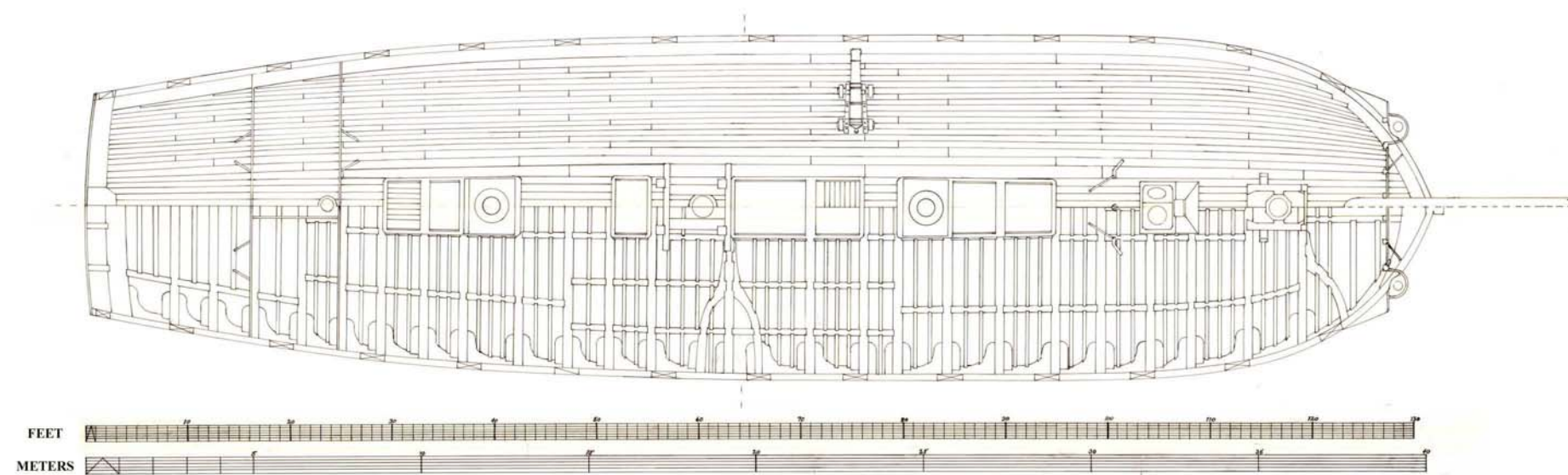


Fig. 16. Gun deck construction detail for frigate HMS *Pallas*.



36-Gun Royal Navy Frigate  
HMS PALLAS  
1757

Lower Deck Plan

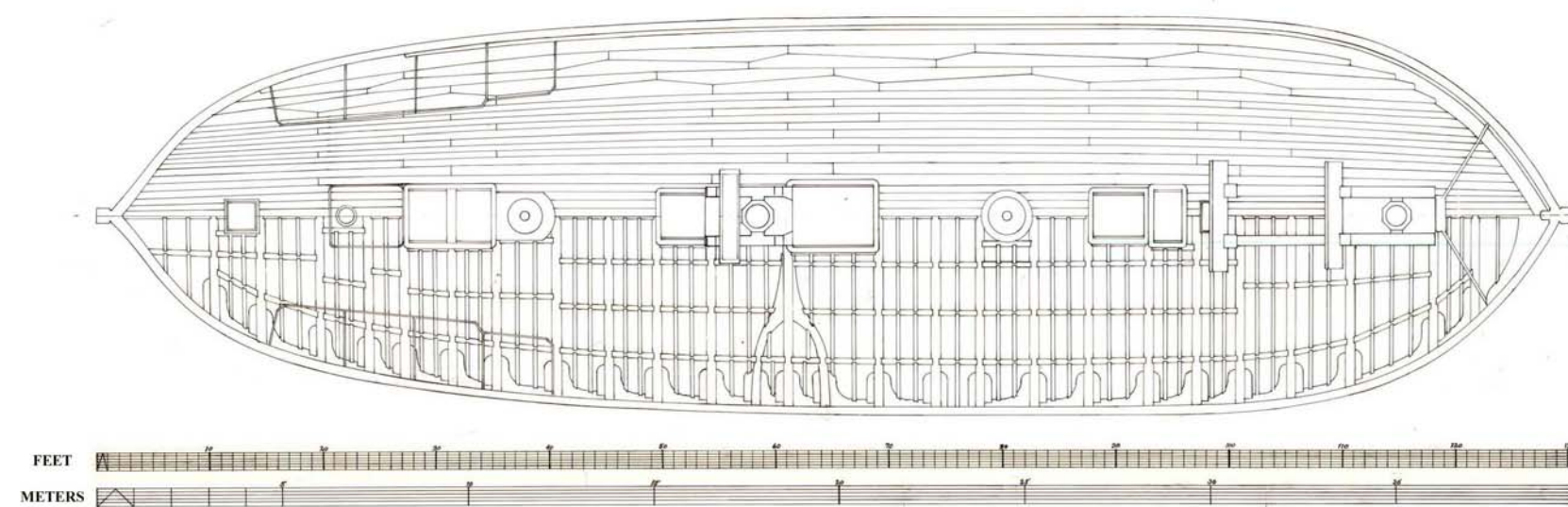


Fig. 17. Lower deck construction detail for frigate HMS *Pallas*.

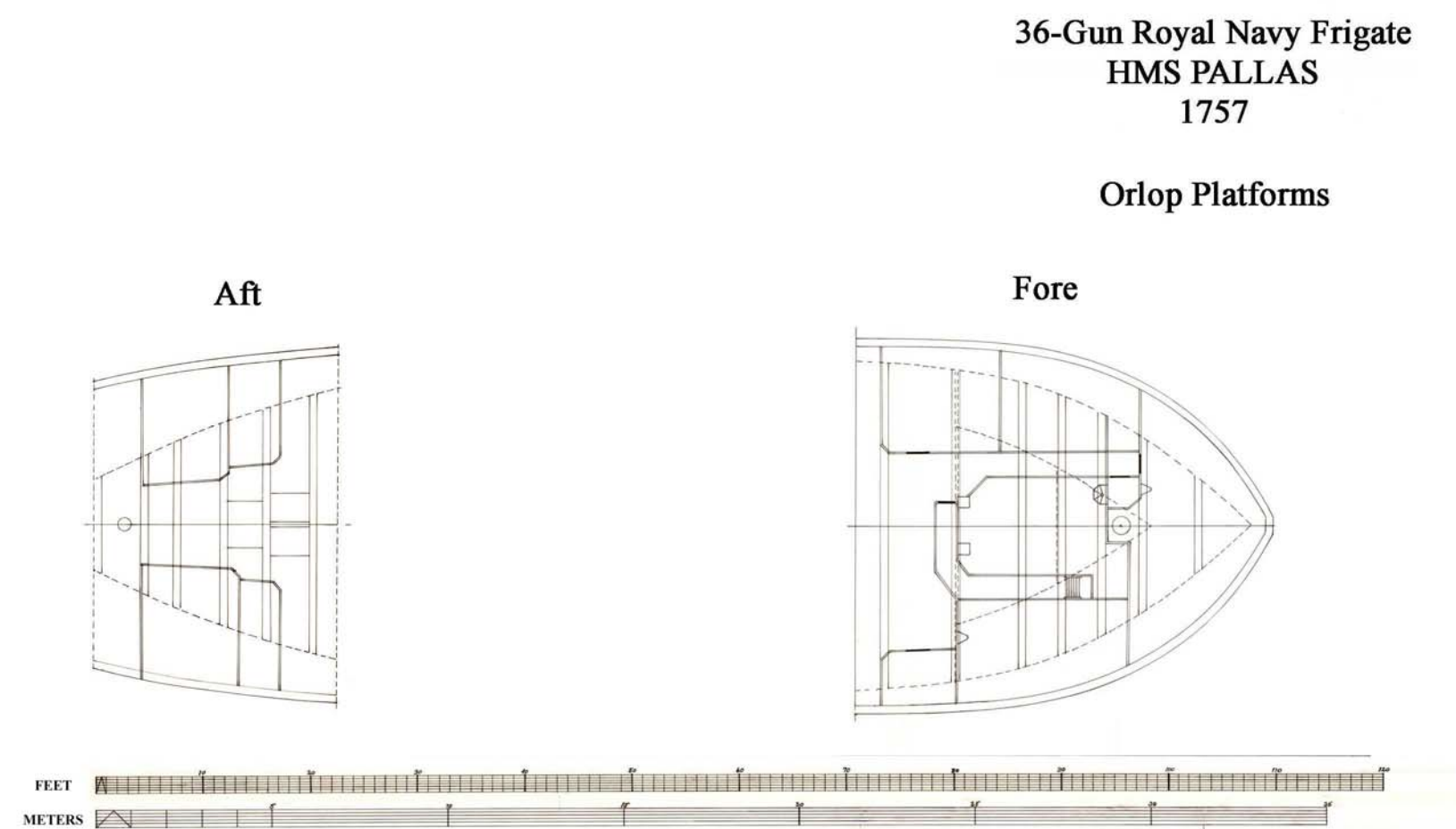


Fig. 18. Fore and aft orlop construction detail for frigate HMS *Pallas*.

36-Gun Royal Navy Frigate  
HMS PALLAS  
1757

Deck Plans

Quarter Deck

Forecastle

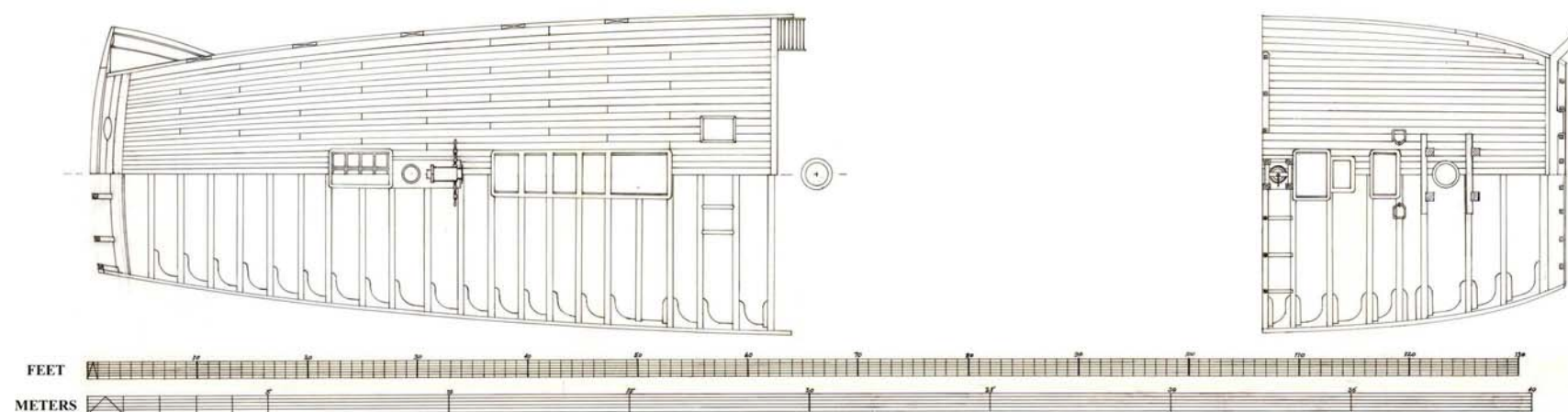


Fig. 19. Quarterdeck and forecastle construction detail for frigate HMS *Pallas*.

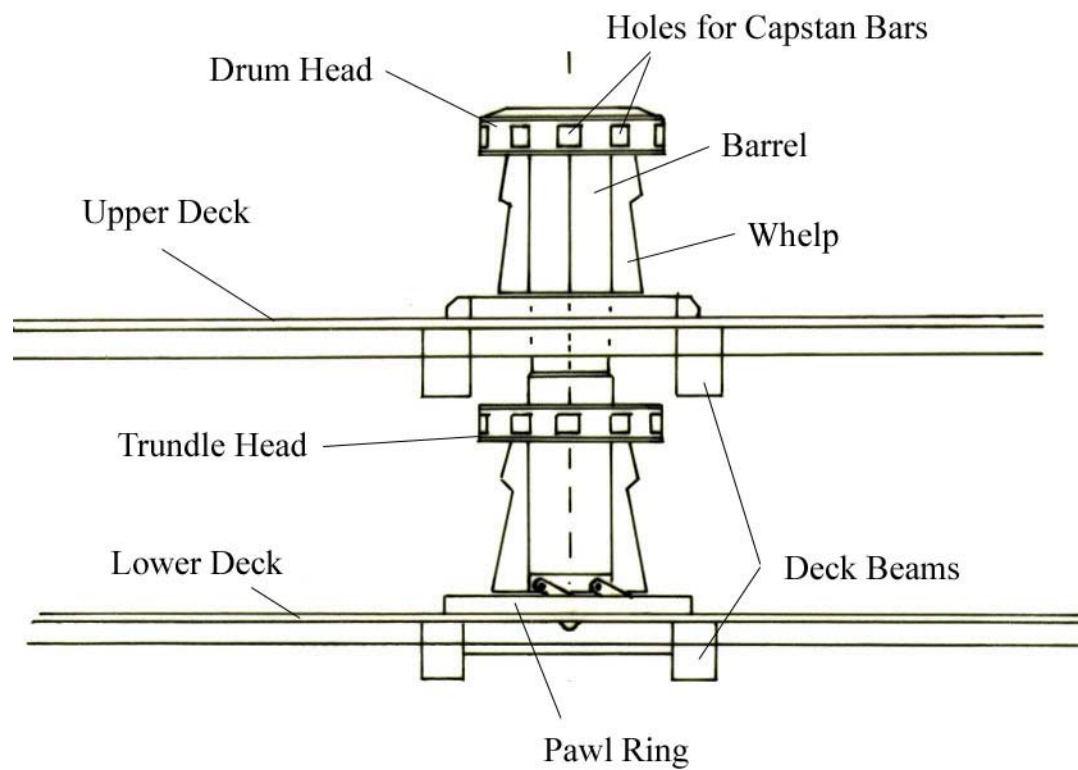


Fig. 20. Detail of capstan. Based on ADM 2196 Admiralty drawings HMS *Pallas*



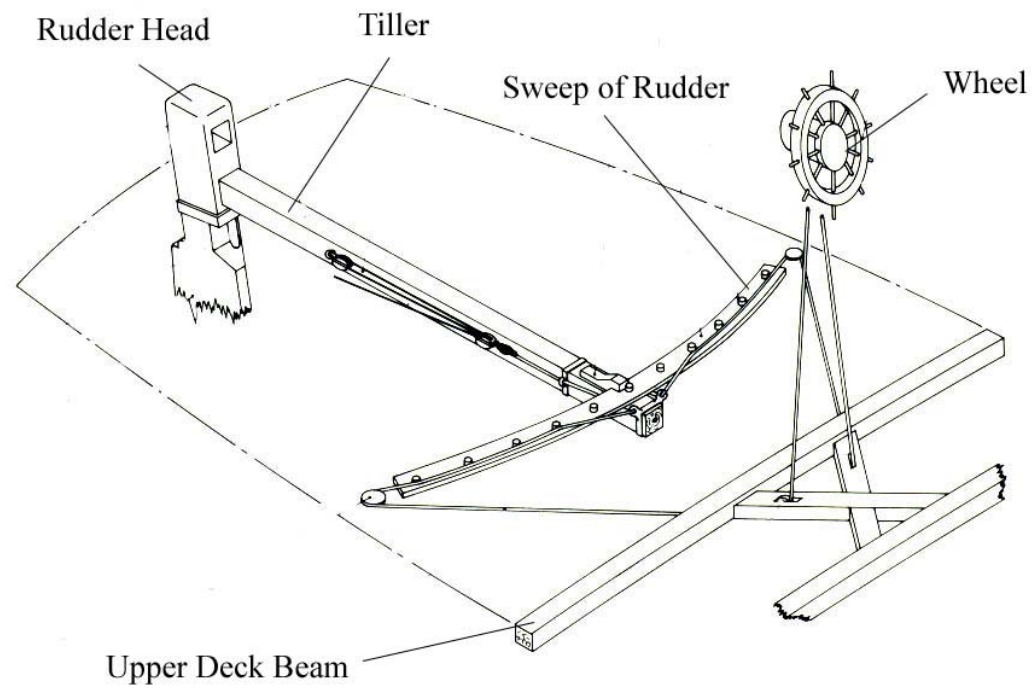


Fig. 21. Wheel and tiller detail. From White, 112

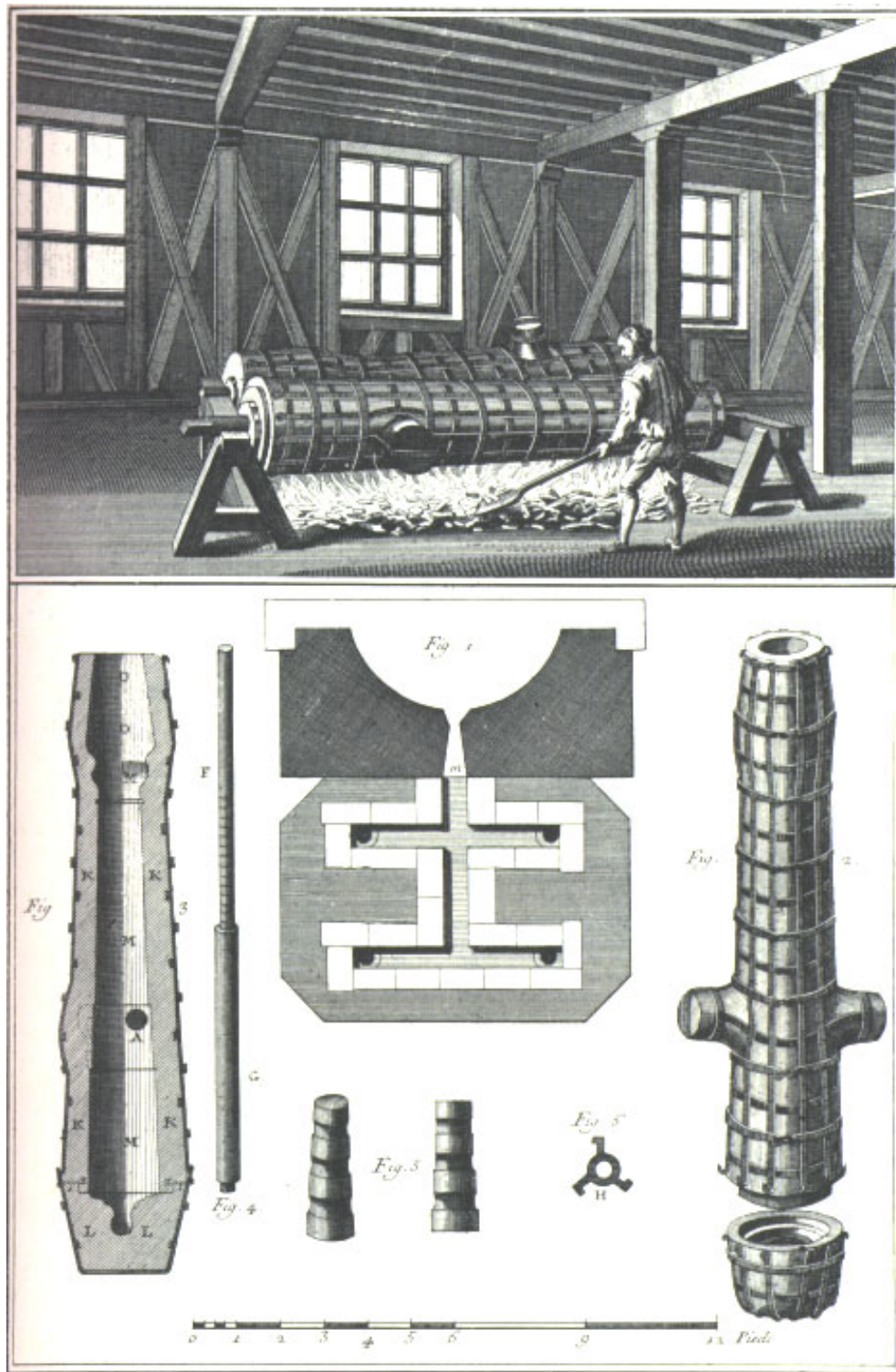


Fig. 22. Contemporary engraving of gun founding process. From Diderot, 1123

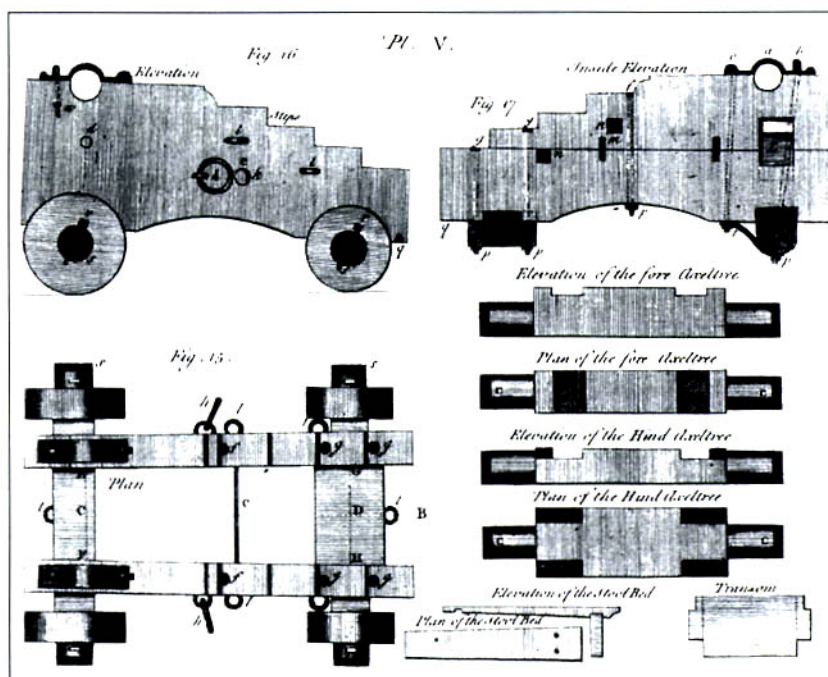


Fig. 23. Gun carriage. From Millan, Plate V.

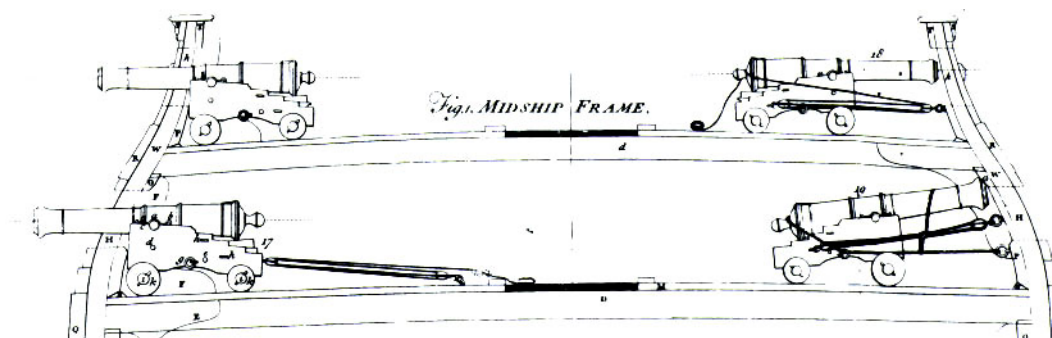


Fig. 24. Detail of gun tackle and operation from the late 18<sup>th</sup> century. From Falconer, 203, Plate VII

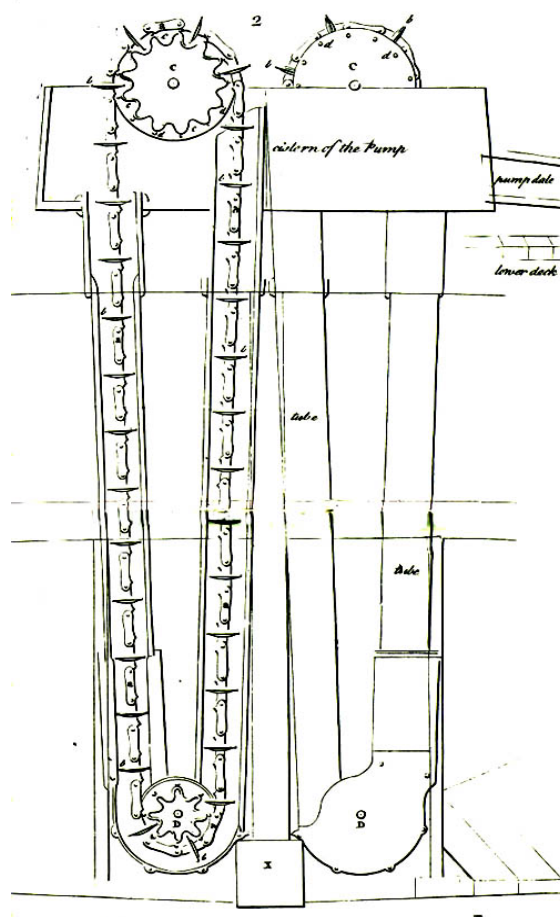


Fig. 25. Mid 18<sup>th</sup>-century chain-pump detail. From Falconer, 217, Plate VI

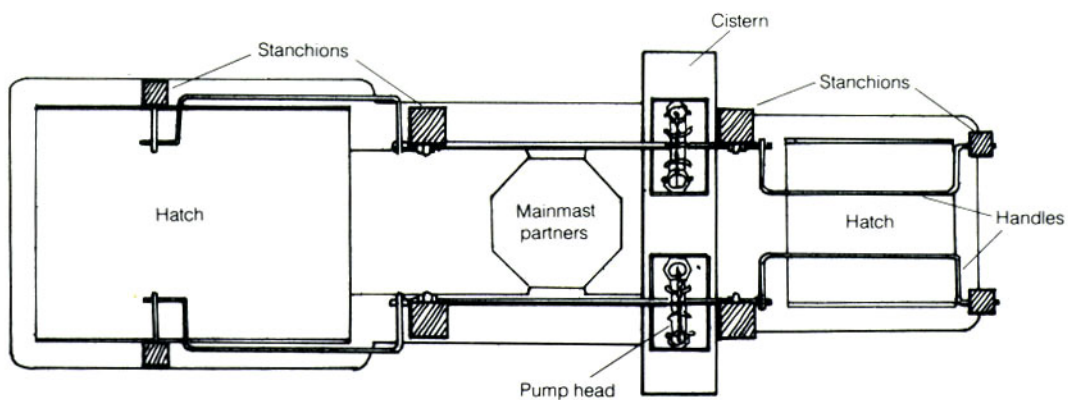


Fig. 26. Overhead view of chain-pump, Lavery, 1987, 71



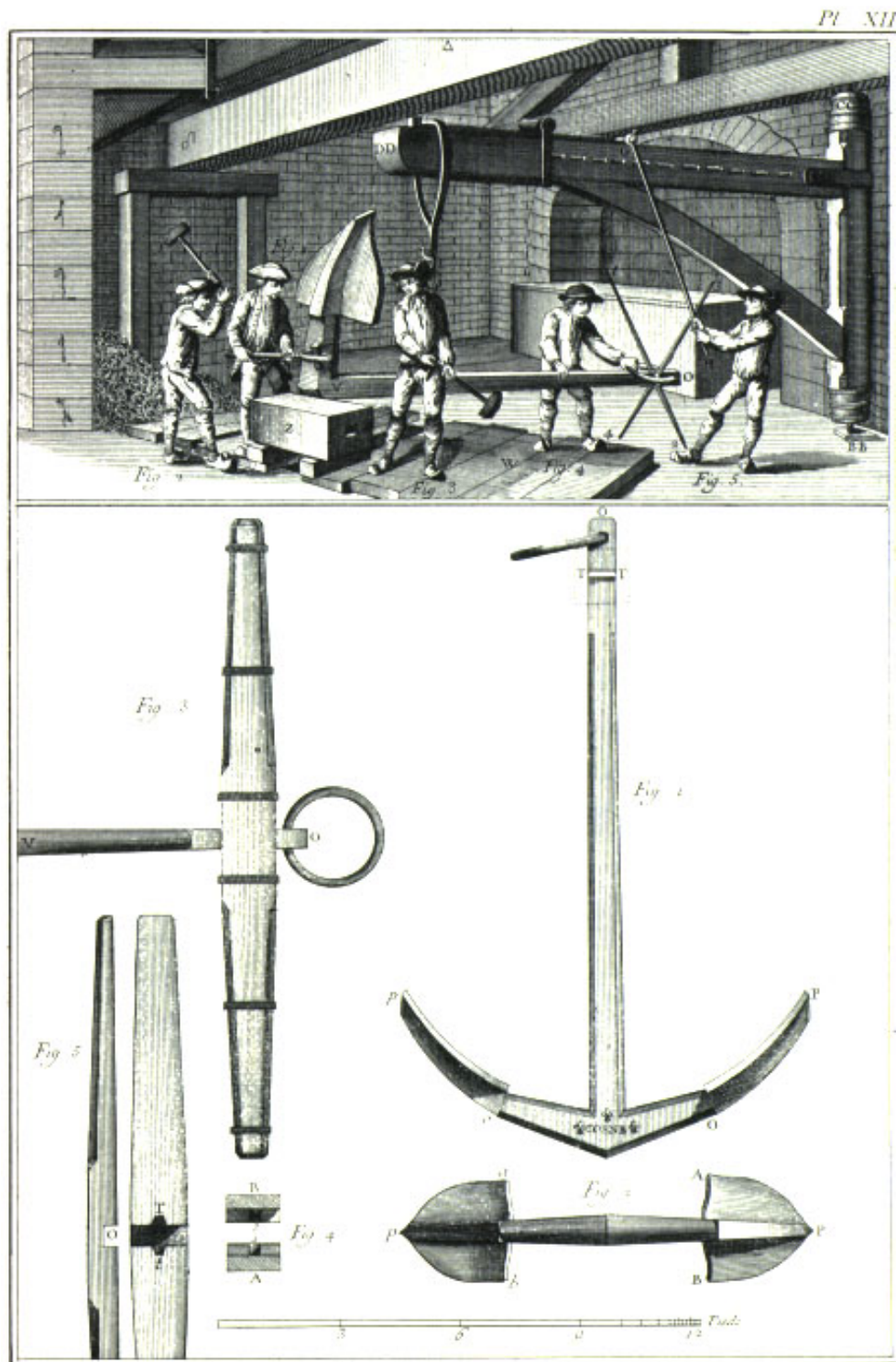


Fig. 27. Contemporary engraving of anchor making process. From Diderot, 1683

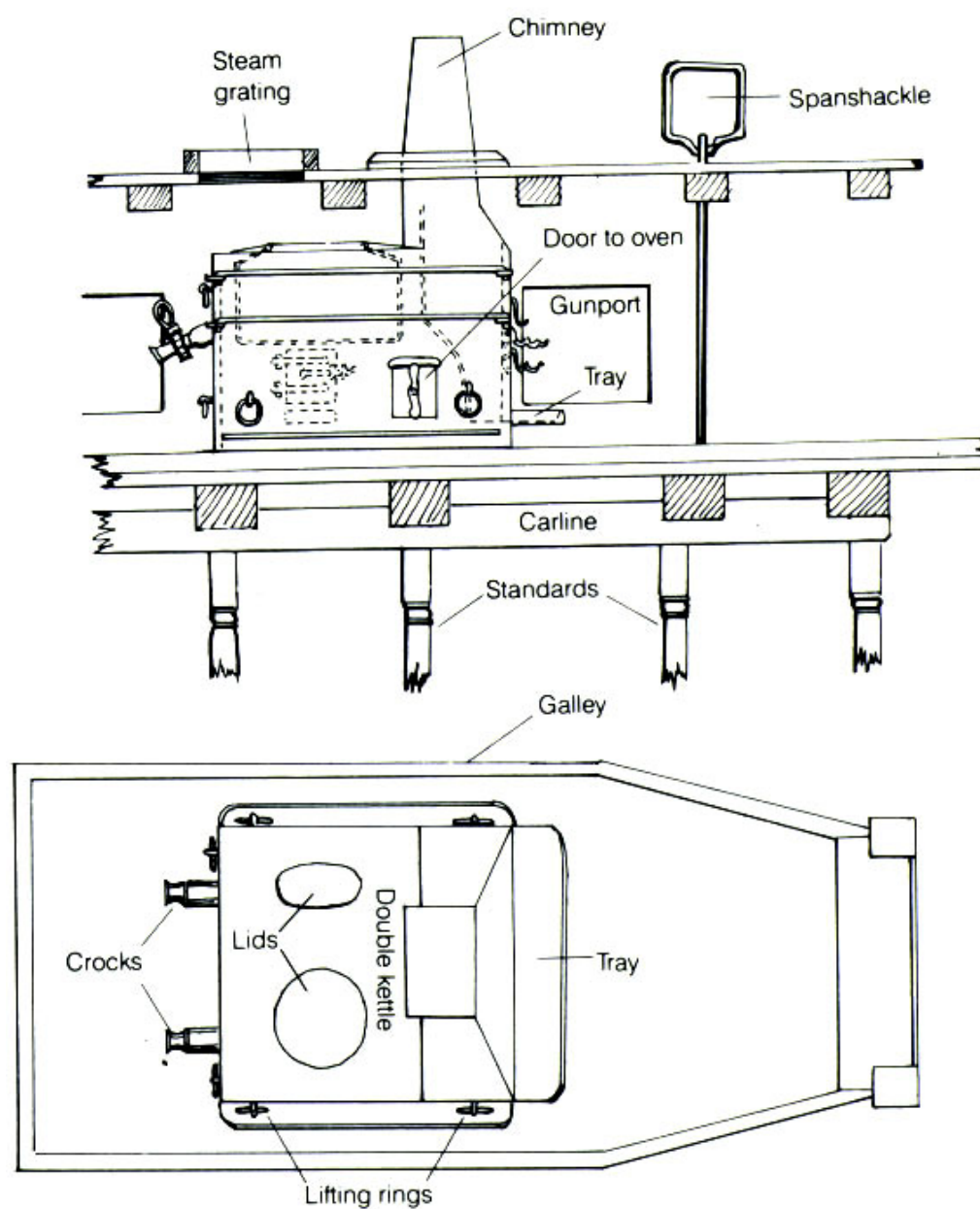


Fig. 28. Iron stove from HMS *Dorsetshire*, 1757. From Lavery, 1987, 197

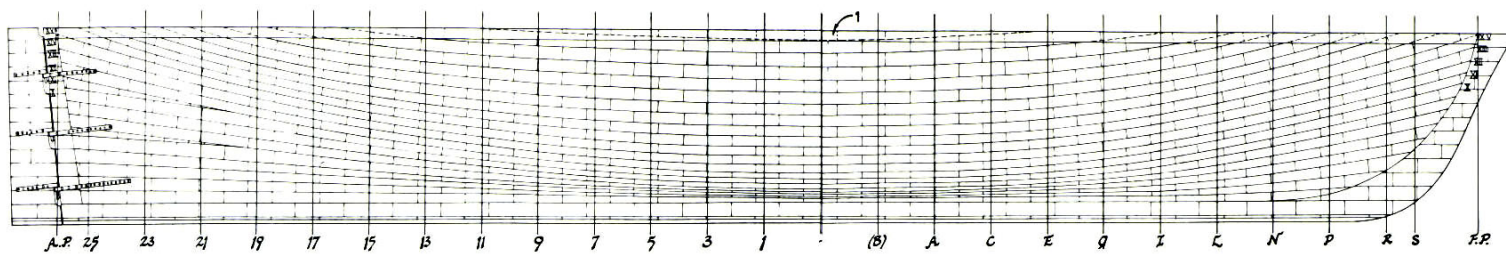


Fig. 29. Copper sheathing on hull of *Pandora*. From McKay and Coleman, 26-7





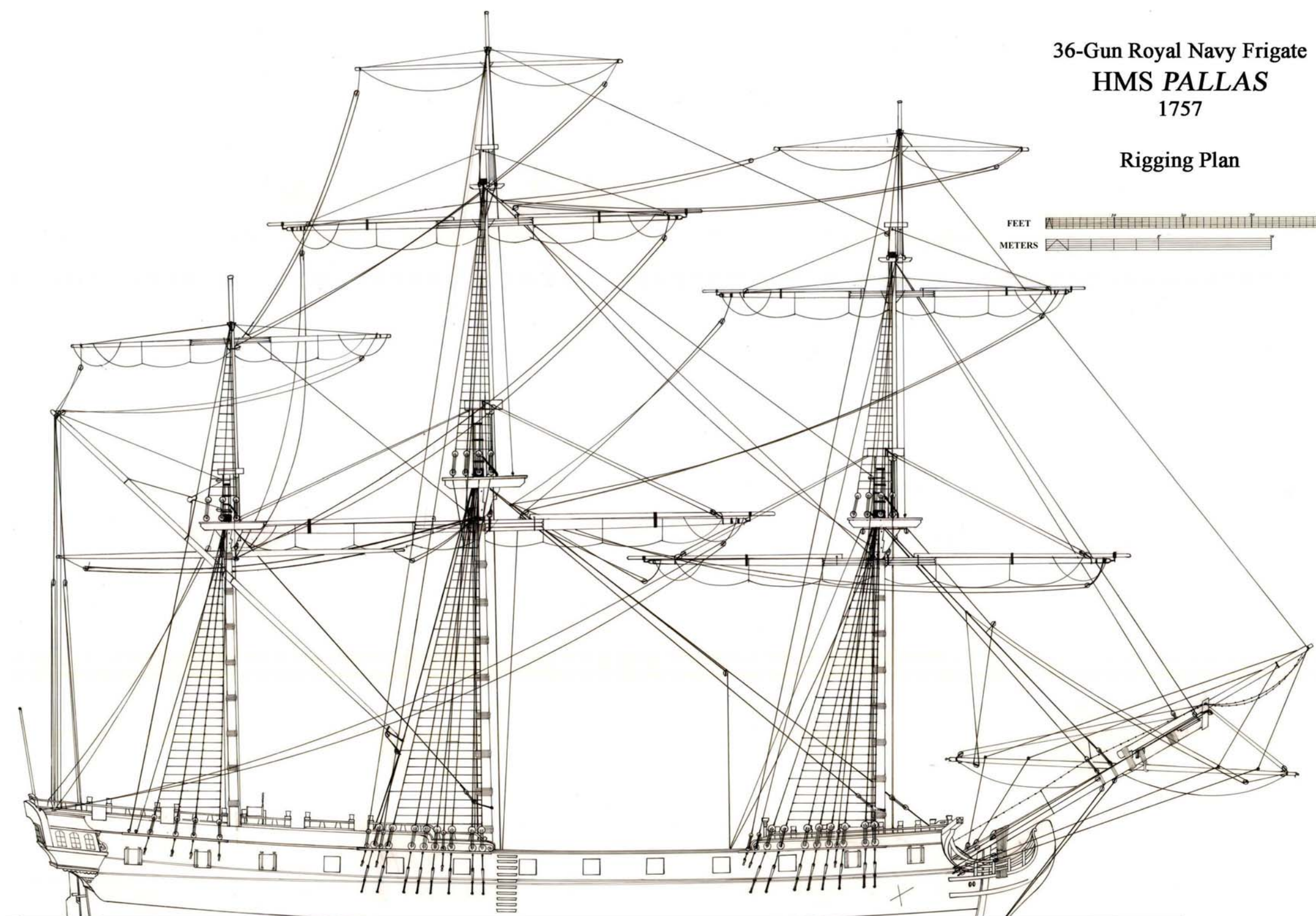


Fig. 31. Rigging plan detail for frigate HMS *Pallas*.

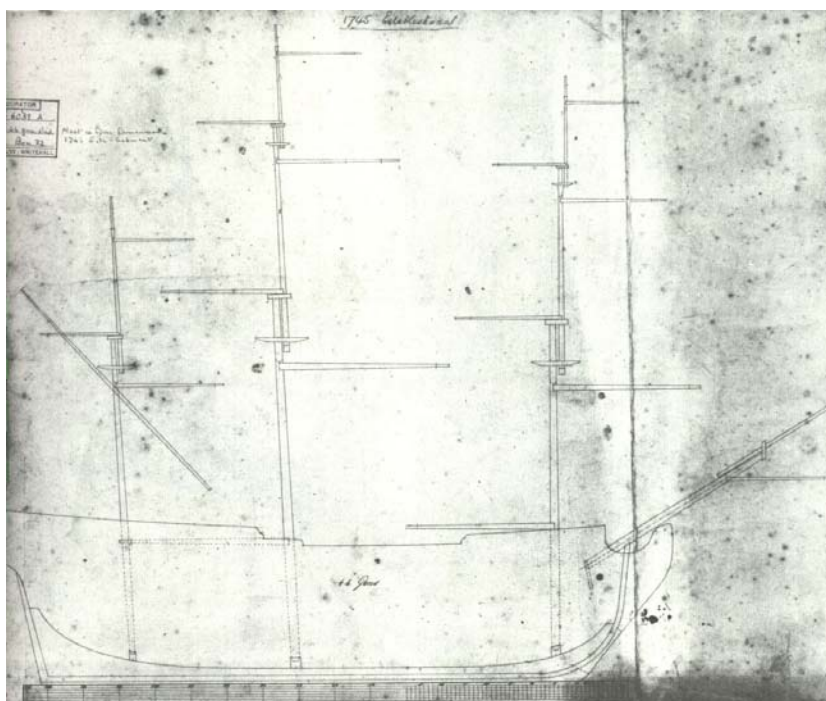


Fig. 32. Draft of 1745 Establishment, 44-gun ship showing spar details. From Lees, 37, Plate 21

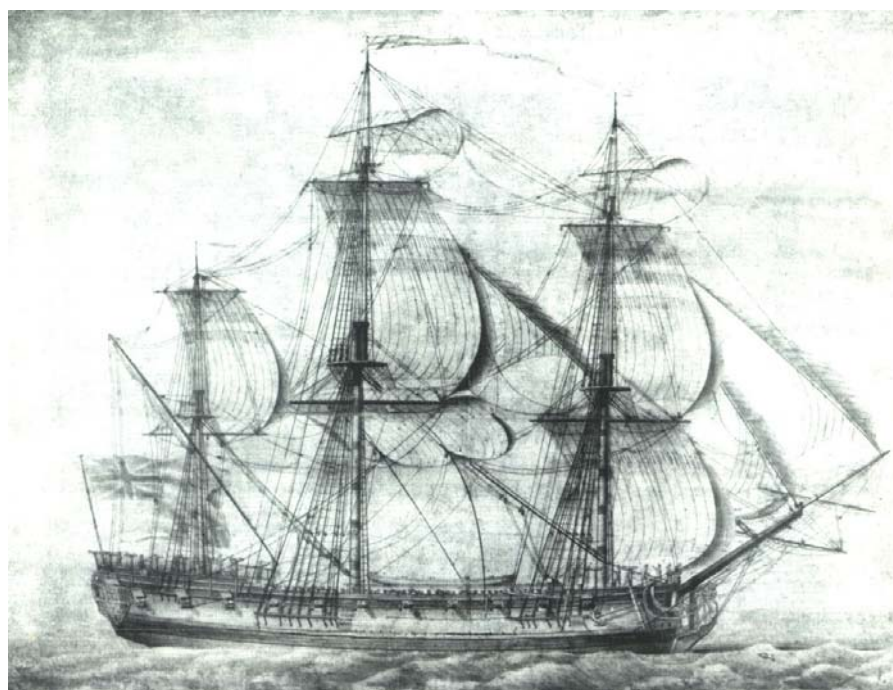


Fig. 33. Watercolor of 50-gun ship HMS *Lion* showing rigging details. From Ollivier, 44



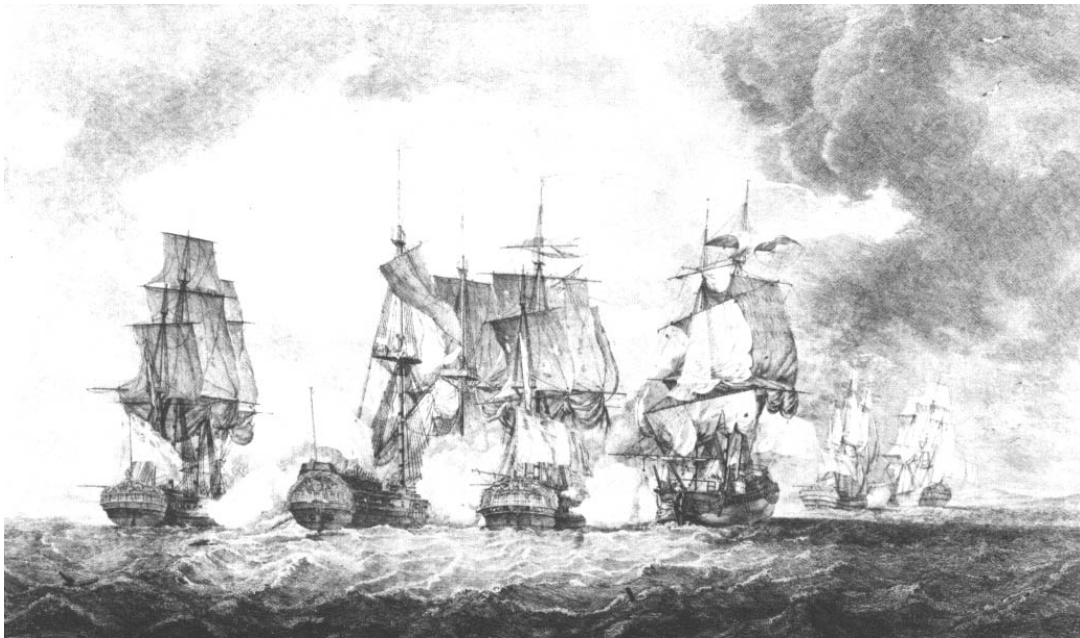


Fig. 34 The Isle of Man Action, 1760. Painted by Richard Wright. From Warner, 90



Fig.35. Two British frigates off the African coast. The one on the left is probably *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 91



Fig. 36. Fishing from the anchor on board *Pallas* in Senegal Road. Watercolor by Lt. Gabriel Bray, From Spavens, 74



Fig. 37. Sail-maker ticketing hammocks on board *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 123



Fig. 38. Wardroom leisure on board *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 74

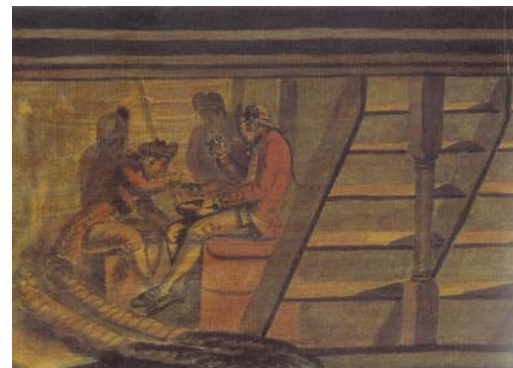


Fig.39. Marines mess on board *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 107

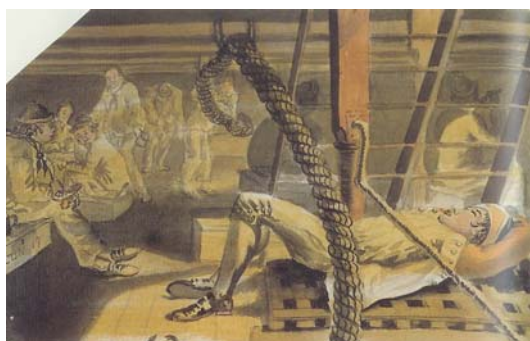


Fig 40. Lower deck on board *Pallas* (note pump crank handle) Watercolor by Lt. Gabriel Bray, From Spavens, 123



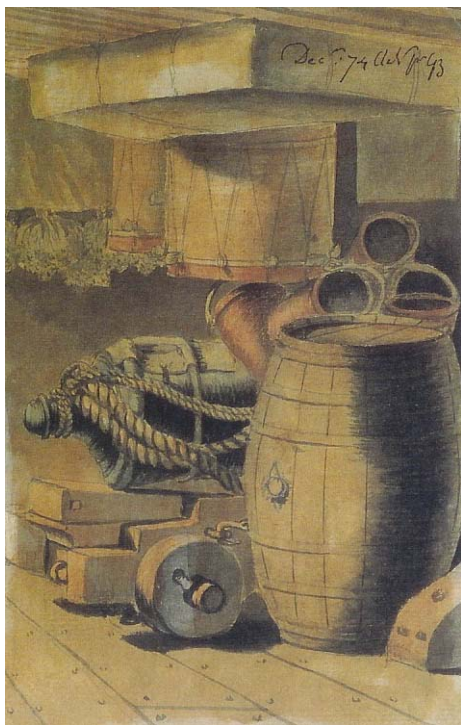


Fig. 41. Gun deck onboard *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 91

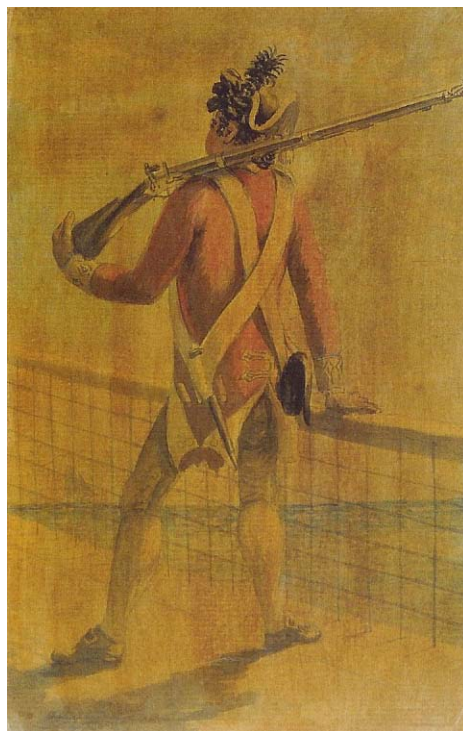


Fig. 42. Marine sentinel on board *Pallas*. Watercolor by Lt. Gabriel Bray, From Spavens, 75



Fig. 43. Fishing off a gun onboard *Pallas*. Watercolor by Lt. Gabriel Bray, From W. Spavens, 90





Fig. 44. A Homeward-bound West India convoy September 1782 By Robert Dodd, with the merchantman *Lady Juliana* in the foreground, in the tow of the frigate *Pallas*. From Rodger, *Command of the Ocean*, 510 Plate 22b.

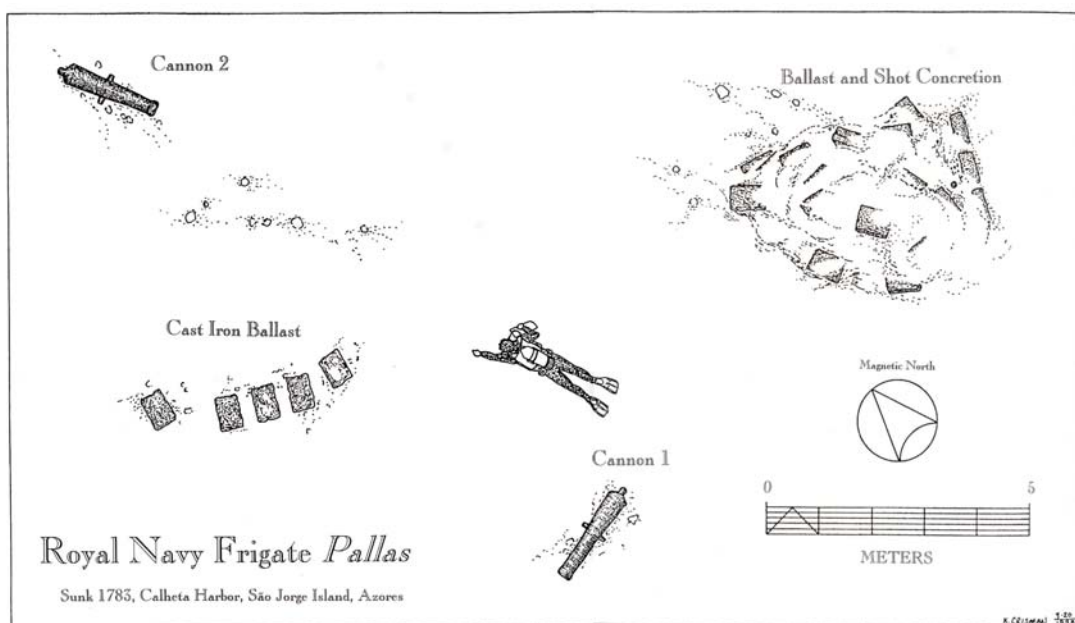


Fig. 45. Site plan of *Pallas* Wreck, Calheta harbor, São Jorge, Azores.  
Courtesy of Kevin Crisman

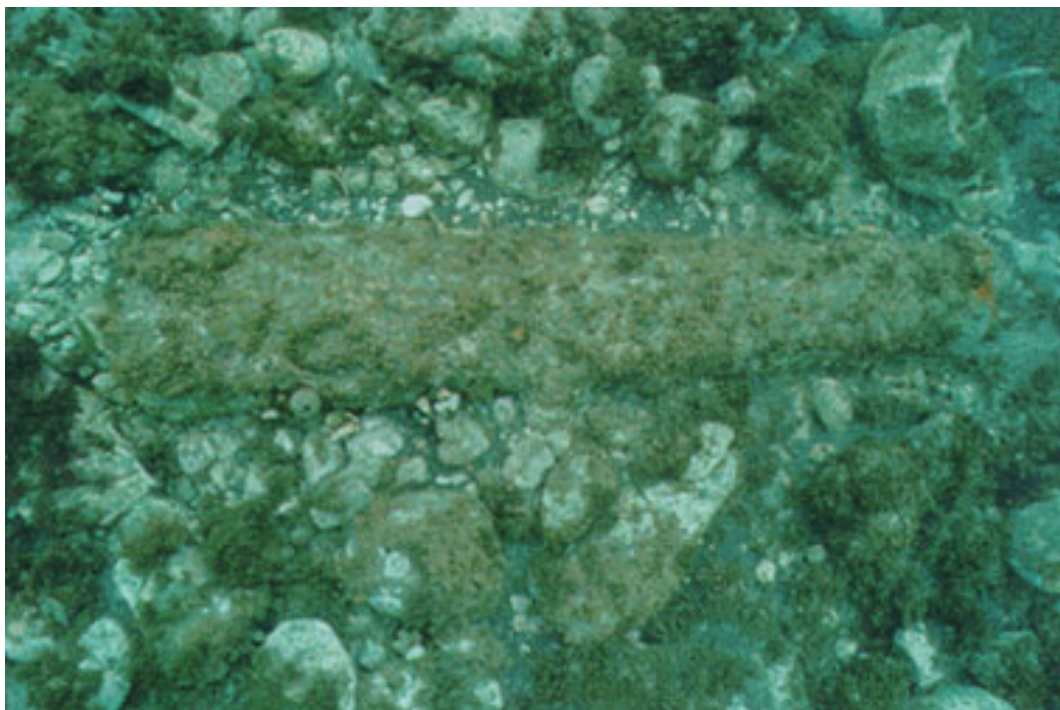


Fig. 46. One of two concreted 6-pound cannon in situ at the site. Garcia and Monteiro p. XVIII

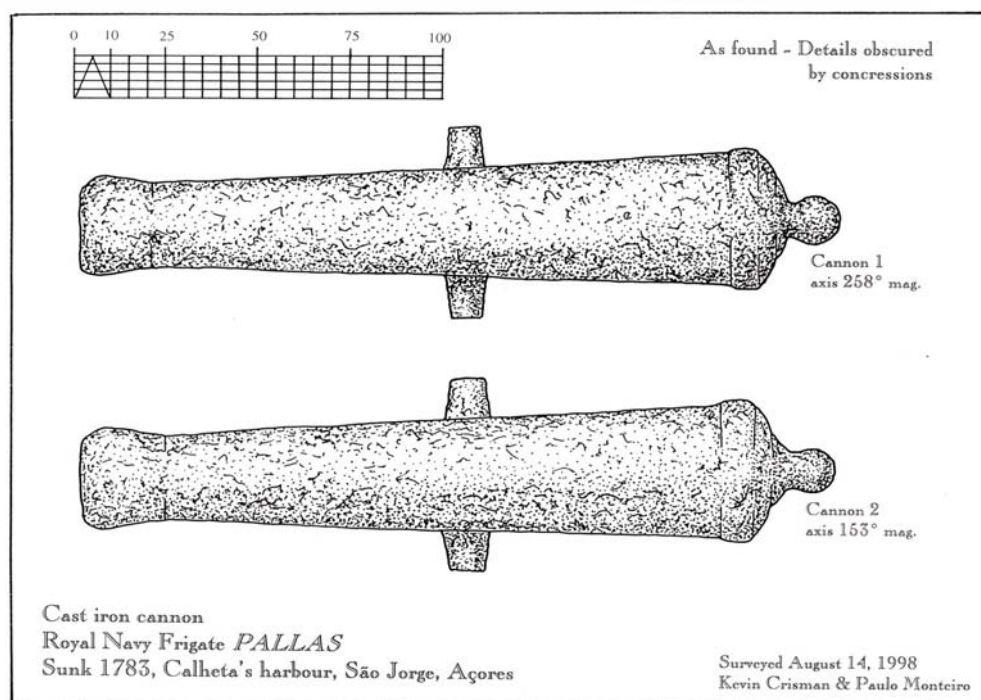


Fig. 47. Drawings of the 6-pound cannon found at the site. Courtesy of Kevin Crisman

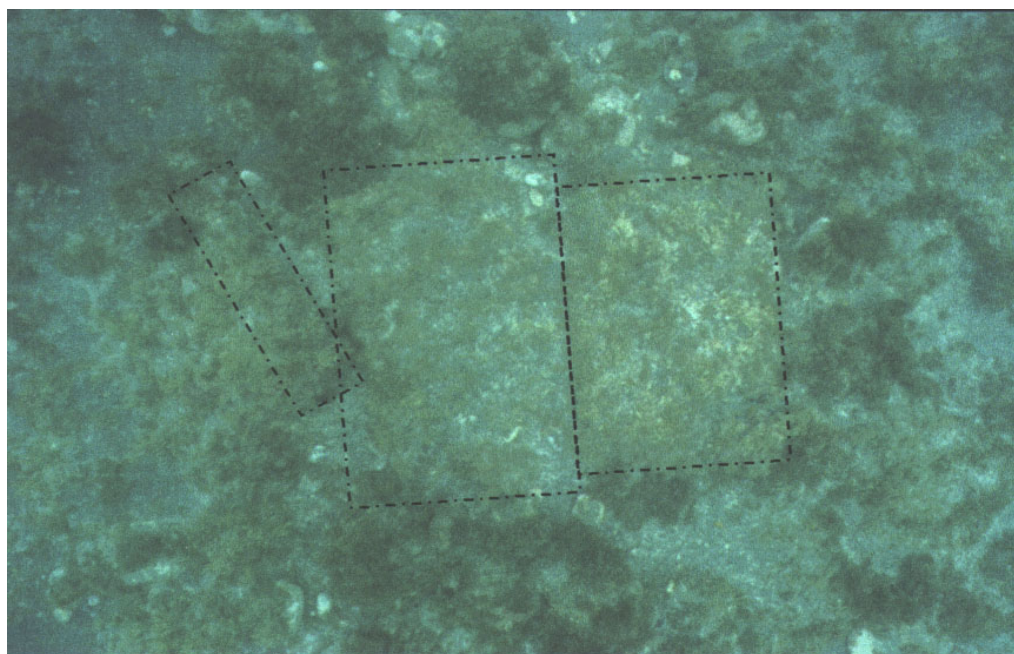


Fig. 48. Concreted cast iron ingots from ballast. Garcia and Monteiro p. XIX





Fig. 49 Copper nails and a possible wedge from a forelock bolt found at the site. Garcia and Monteiro p. XIII



Fig. 50 Copper sheathing found in test trench at the site. Garcia and Monteiro p. XIV



Fig. 51. Lead sounding weight (CAL/ 00-191) found at the site. Garcia and Monteiro p. XII



Fig. 52. Lead sounding weight (CAL/ 00-12) found at the site. Garcia and Monteiro p. XII





Fig. 53. Lead musket shot found at the site. Garcia and Monteiro p. XVI



Fig. 54. Iron shot found at the site. Garcia and Monteiro p. XVI



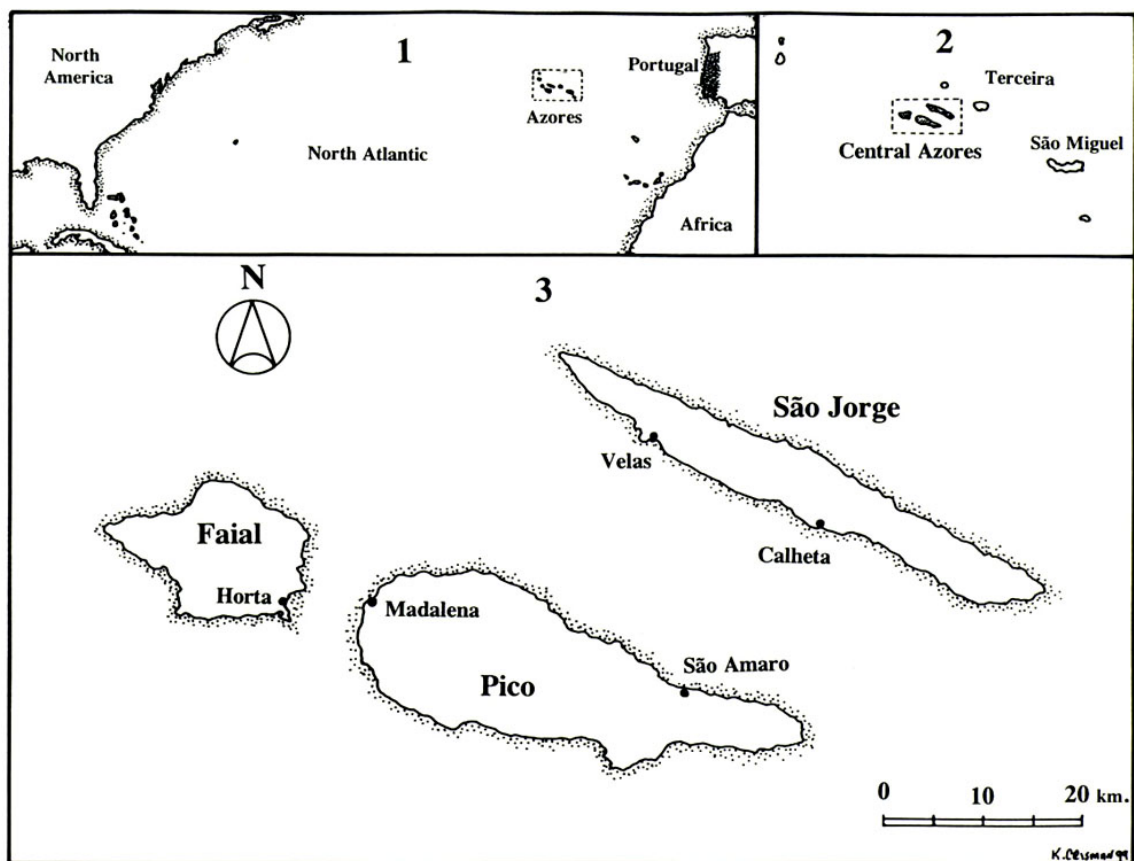
Fig. 55. Four types of pottery found in test trench at the site. Garcia and Monteiro p. X



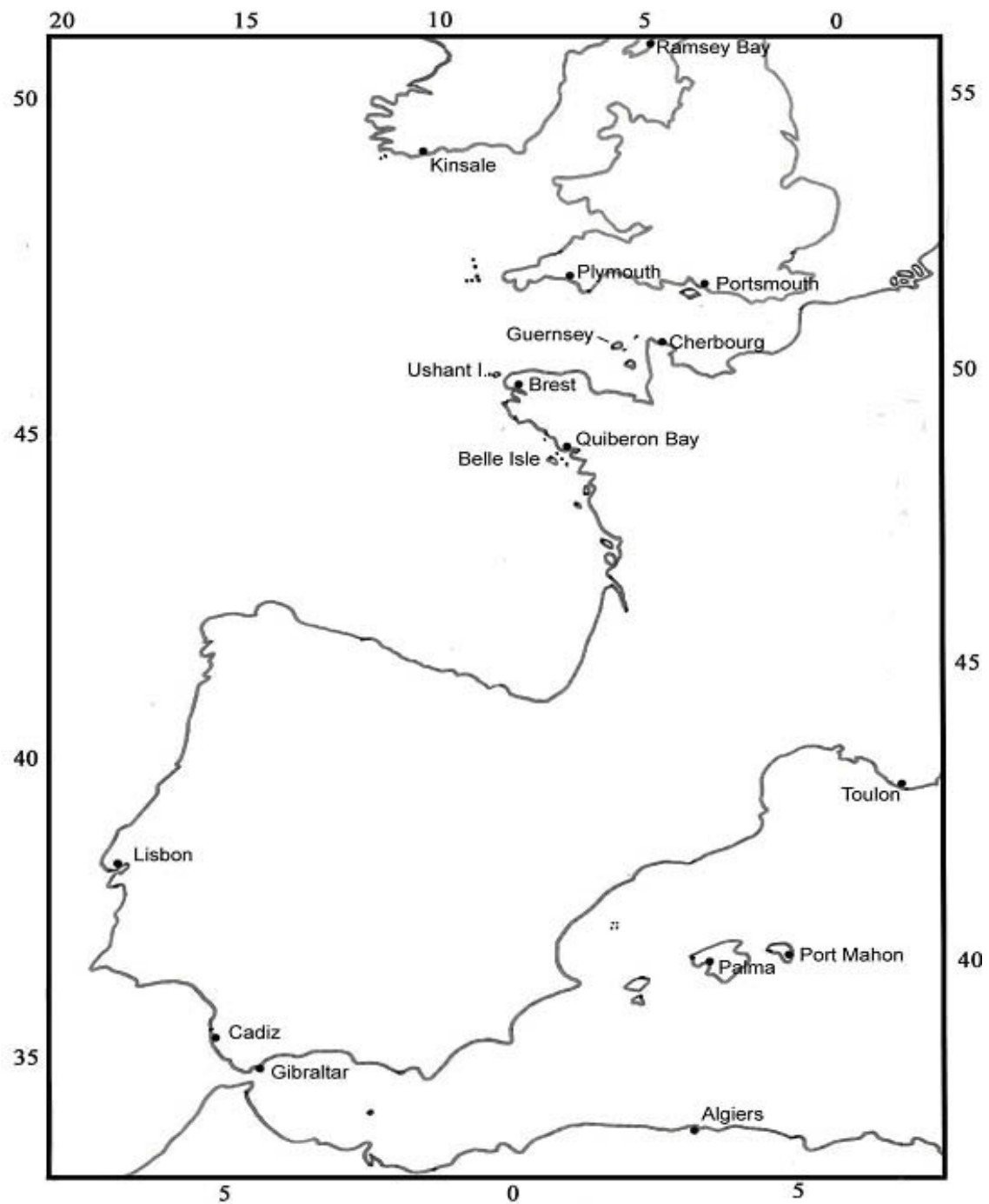
Fig. 56. A variety of copper coins found at the site. Garcia and Monteiro p. XV

## APPENDIX B

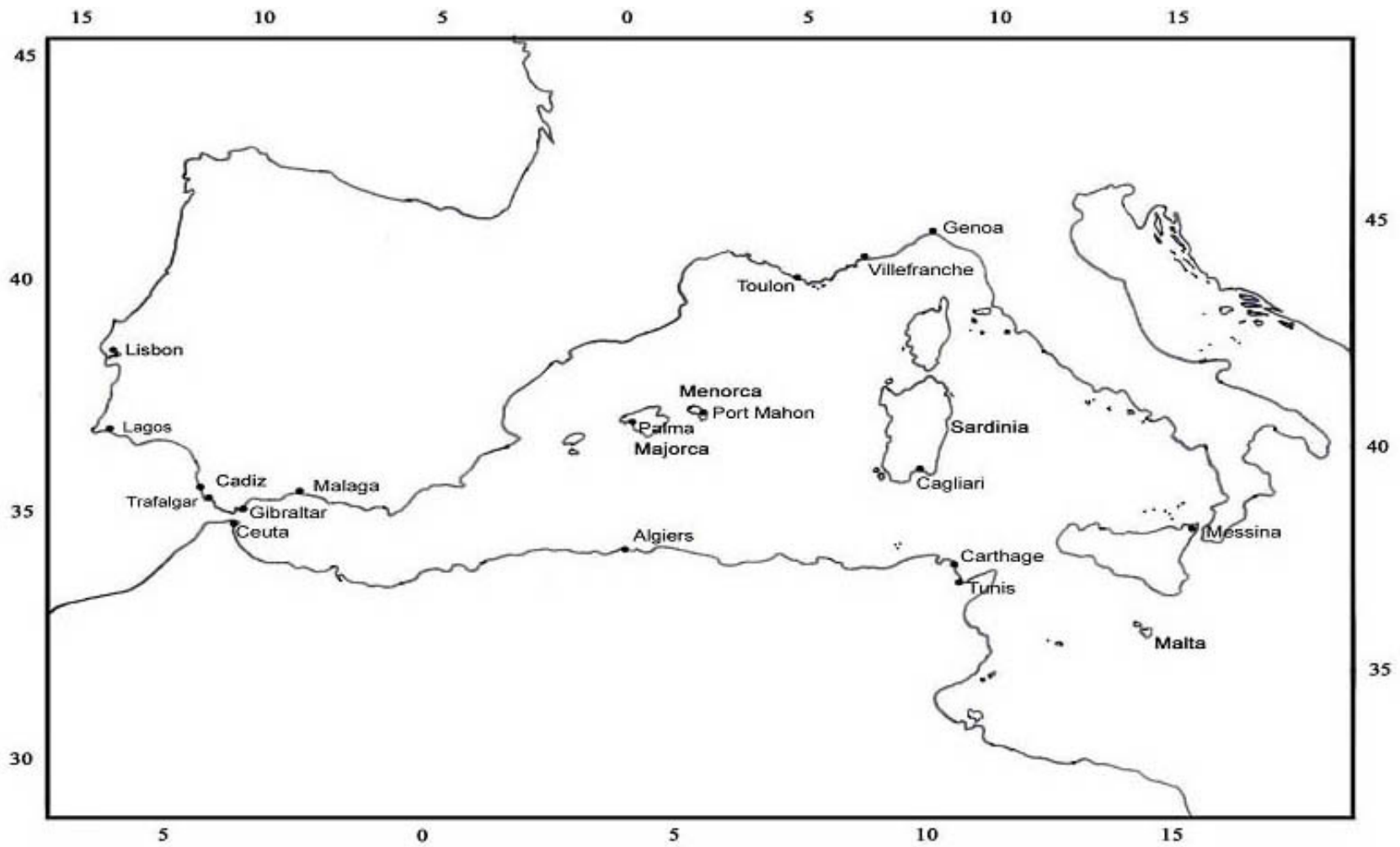
## MAPS



Map 1. The Central Azores and the Island of Sao Jorge in the North Atlantic.  
Courtesy of Dr. Kevin Crisman.

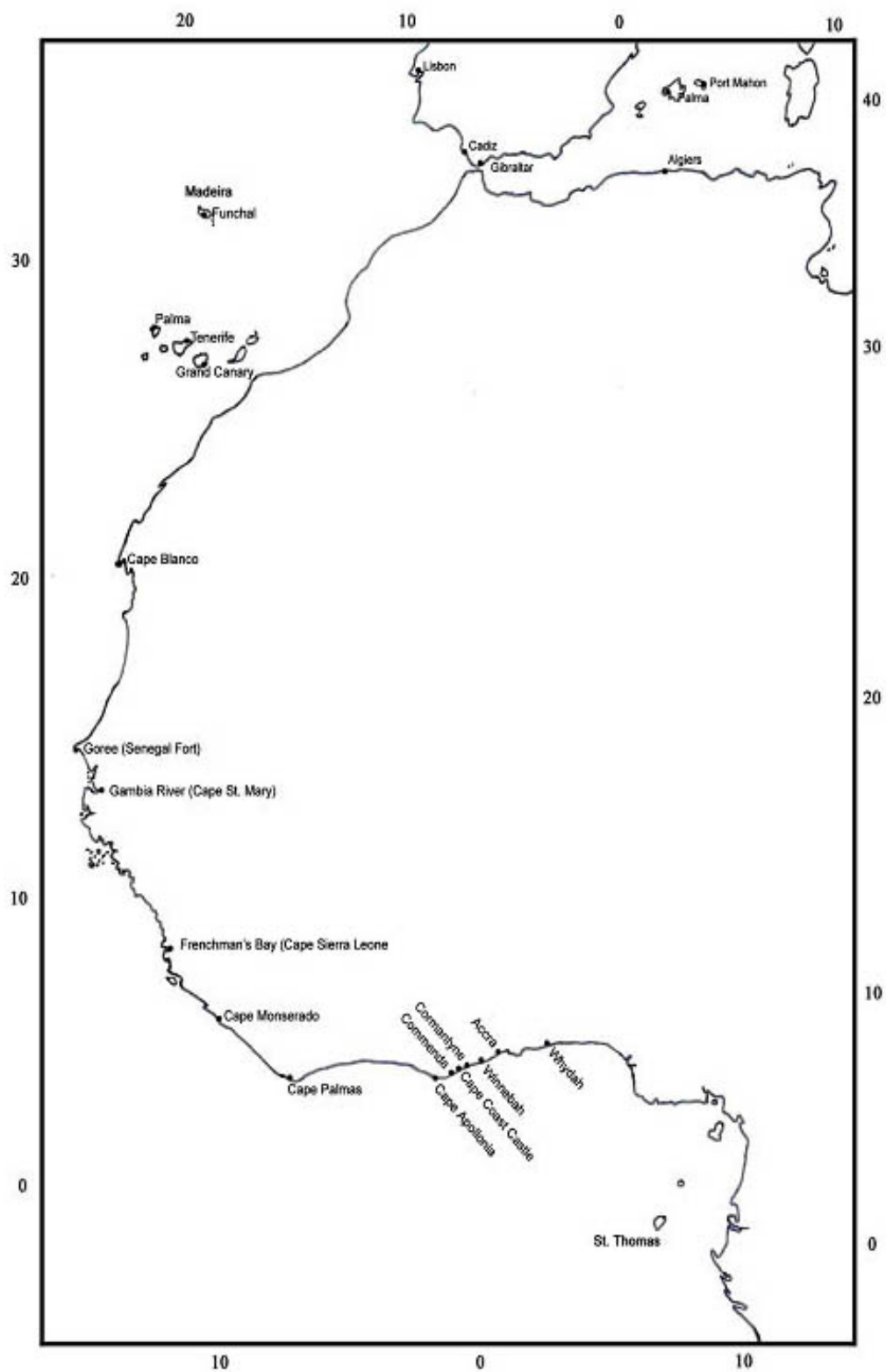


Map 2. British home waters and western approaches. (after National Geographic Atlas of the world, p.53)

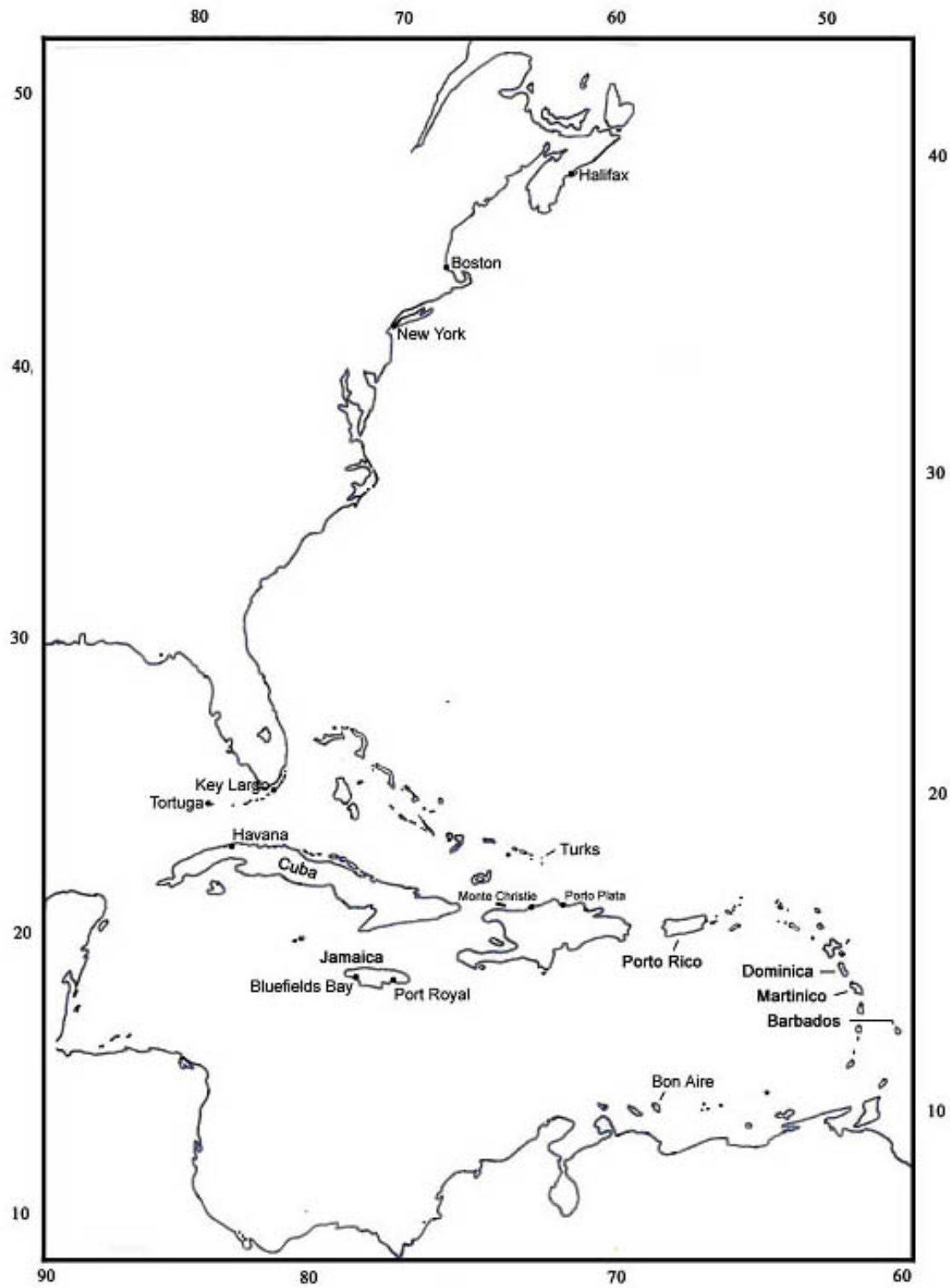


Map 3. Theatre of operations: July 1760 – Dec. 1763 and Dec. 1771 – Mar. 1773. (after National Geographic Atlas of the World, p.53)





Map 4. Theatre of operations: Jan. – Apr. 1775, Dec. 1775 – May 1776 and Mar. – June 1777.  
(after National Geographic Atlas of the World, p.91)



Map 5. Theatre of operations: May – July 1775, June – Oct. 1776, July – Dec. 1777 and Aug. – Jan. 1783. (after National Geographic Atlas of the World, p.17)

## APPENDIX C

HMS *PALLAS* TIMELINE

Year	Month & Day	Coordinates	Activity
<b>1757</b>	08/31		moved hull of HMS <i>Pallas</i> from Wells shipbuilding firm at Deptford into Thames River <sup>1,2</sup>
	09/03		lashed alongside HMS <i>Gibraltar</i> @ Deptford; Captain Archibald Cleveland took possession at Deptford
	09/05		took on 35 tons of iron ballast and 35 tons of shingle ballast; trimmed
	09/06		began rigging ship and clearing holds
	09/07		another 24 tons of shingle ballast
	09/08		took on water, officers' stores
	09/09-10		loaded provisions of all species including fresh beef
	09/11-17		continued running rigging, provisioning
	09/18		received 47 pressed men; read Articles of War to ship's company
	09/19-10/07		rigging and final fitting out <sup>3</sup>
	10/08		sailed with HMS <i>Shannon</i> to Long Reach
	10/09-11		took on guns, gunner's stores
	10/12		took on powder
	10/13		sailed with <i>Shannon</i> to Gravesend; sealed the guns
	10/14		sailed to Nore; saluted Commodore Grey with 13 guns
	10/15		men paid; new men received bounties and advances
	10/17		exercised great guns and small arms
	10/19		read Articles of War
	10/22		fired 17-gun salute for King's coronation
	10/29		sailed with <i>Shannon</i> and HMS <i>Hussar</i>
	10/30		lost sight of <i>Shannon</i> ; brought to several Dutch vessels
	10/31		rejoined <i>Shannon</i>
	11/02		with <i>Shannon</i> joined company with HMS <i>Medway</i> , HMS <i>Dolphin</i> , and HMS <i>Unicorn</i>
	11/03		spotted sail near Le Havre; <i>Pallas</i> gave chase through the night
	11/04	49°28 x 00°08	proved to be a French privateer; put a prize crew aboard to bring her in; lost sight of the fleet
	11/08	46°38 x 4°44	rejoined <i>Medway</i> , <i>Unicorn</i> and <i>Dolphin</i>
	11/10	46°38 x 5°12	joined Edward Hawke in HMS <i>Ramillies</i> , and Vice Admiral Boscawen on HMS <i>Royal George</i> with 18 sail under their command
	11/11-28	47°04 x 3°58 48°36 x 3°20 46°50 x 4°30 48°57 x 5°58	patrolled with fleet  generally poor weather; no notable encounters
	11/29		joined by HMS <i>Southampton</i>

Year	Month & Day	Coordinates	Activity
1757 continued	12/08	48°12 x 5°05	<i>Medway</i> and <i>Southampton</i> part company taking nine of the sail with them
	12/11		read Articles of War to ship's company
	12/14	49°45 x 1°38	fired on an unknown vessel believed to be French; proved to be an English privateer
	12/15		remainder of fleet begin working into Spithead to ride out weather
	12/16		anchored at Spithead
	12/21		pilot came aboard to bring her into Portsmouth
	12/22-27		overhauling blocks and rigging, replaced main and mizzen shrouds, installed new bowsprit gammoning; removed iron ballast to adjust trim, and re-caulked hull
	12/28-30		reloaded ballast and loaded provisions
	12/31		re-provisioning completed
<b>1758</b>	01/01		completed rigging; masts scraped and payed with varnish of pine
	01/02		guns on board
	01/03		gunner's stores and powder
	01/05		quartering the ship's company
	01/10		exercised great guns and small arms; fresh beef
	01/12		pilot aboard to move <i>Pallas</i> out of harbor; Bembridge Point
	01/15		sailed
	01/17	49°26 x 1°17w	joined company with HMS <i>Eagle</i> .
	01/21	46°23 x 11°40	joined company with HMS <i>Torbay</i>
	01/22	45°53 x 12°13	chased and brought to Danish ship bound from Cadiz to Copenhagen and an English ship bound from Newcastle to New York
	01/24-25	44°35 x 10°59	chased and fired on ship which hoisted English colors; snow bound from Falmouth to New York with mail
	01/26	44°11 x 9°07	four more sail sighted; proved to be English
	01/29	45°32 x 8°58	chased sail; proved to be the British <i>Willshire</i> privateer out of Bristol
	01/30	45°58 x 8°43	gave chase; proved to be a Portuguese brig from Lisbon; read Articles of War to ship's company
	01/31	47°05 x 7°43	gave chase; Spanish snow from Seville bound for Dublin
	02/01	47°29 x 7°48	pursued by three sail—fired at foremost; proved to be privateer <i>Willshire</i> , HMS <i>Achilles</i> and the third <i>Veteran</i> privateer of London
	02/02		exercised great guns and small arms
	02/03	47°11 x 8°07	<i>Veteran</i> privateer in sight
	02/04	47°37 x 7°44	<i>Veteran</i> privateer in sight
	02/05	47°25 x 6°23	<i>Veteran</i> privateer in sight
	02/06	47°22 x 5°50	saw two sails; one proved be <i>Veteran</i> privateer, the other a Dutch bound from Lisbon to Rotterdam
	02/07	48°45 x 4°42	rejoined <i>Eagle</i>
	02/10	49°16 x 2°10	saw two sail – gave chase; HMS <i>Lizard</i> and <i>Speedwell</i> sloop
	02/11	49°30 x 1°42	saw sail, gave chase
	02/12	49°42 x 1°21	turned out to be <i>Eagle</i> .

Year	Month & Day	Coordinates	Activity
1758 continued	02/14		anchored Plymouth Sound
	02/15-19		general maintenance, tarring shrouds, scraping and paying lower masts
	02/20		removed guns and powder; found foremast sprung under the upper wedges and employed unrigging the foremast
	02/21		removed foremast
	02/22		officers' stores brought onboard
	02/23		hauled into dock; caulkers employed in breaming ship's bottom; stores brought onboard
	02/24		26 tons of shingle ballast brought on board
	02/25		water brought on board
	02/25-26		foremast re-installed and rigged
	02/26		read Articles of War and punished several crew members (crimes unknown)
	02/27-28		guns, powder and gunners stores loaded; payed ship sides
	03/01		sealed guns; read Articles of War
	03/02		moved out of harbor and anchored with several other of HM ships
	03/03		came to sail in company with the HMS <i>America</i> ; John Head fell from mizzen yard and died of injuries
	03/04	49°52 x 2°23	
	03/05	49°03 x 3°04	fore topmast stay broke
	03/09	50°30 x 4°56	chased Portuguese brig and snow; saw 8 sail; proved to be the <i>York</i> with a convoy bound for America
	03/11	49°59 x 5°45	encountered HMS <i>Antelope</i> with a convoy for the West Indies
	03/17		re-entered Plymouth sound
	03/18		employed in fixing the lower rigging, unreaving the bad running rigging, and reaving new
	03/20		unrigged the fore and main topmasts
	03/21		employed re-rigging fore and main topmasts
	03/22		made sail
	03/23		brought to and spoke with several Dutch vessels; saw 13 sail to southwest and gave chase; turned out to be HMS <i>Greyhound</i> with convoy from Lisbon
	03/27		got on board a new driver boom
	03/31	49°36 x 6°21	Land's End; saw and chased French frigate in little or no wind; Frenchman used oars to evade
	04/01	49°16 x 2°31	chased ship—turned out to be <i>Southampton</i>
	04/09	48-50° x 2-6°	patrolled
	04/15	49°17 x 3°46	brought to a Portuguese ship bound for Lisbon from England
	04/16	49°14 x 1°50	spoke with <i>Defiance</i> privateer of Bristol
	04/17	49°41 x 0°10	liberated a British ship taken by a French privateer
	04/18		returned to anchor at Portsmouth
	04/24		taken by pilot into harbor; yards and topmasts were struck
	04/25		unrigging and overhauling blocks
	04/26		main and mizzen mast found to be sprung



Year	Month & Day	Coordinates	Activity
1758 continued	04/27		transported alongside the sheer hulk and masts were removed
	05/03		officers' stores aboard
	05/04		provisions aboard
	05/08		new main and mizzen installed at sheer hulk
	05/10		rigging and provisioning
	05/11		guns and powder
	05/12		ready for sailing—found foremast sprung under woolding
	05/13		scraped and payed sides with varnish
	05/14-06/01		Spithead general maintenance
	June to October gap: Cherbourg raid September 1758 <sup>4</sup>		
	10/06		guns out
	10/07		clearing and washing hold; major overhaul and replacement of rigging?
	10/16		carpenters and caulkers hard at work; 30 tons of shingle ballast
	10/17-18		sheer hulk for painters, removal of lower masts, a new best bower cable
	10/19-21		new lower mast and rigging
	10/22		yards installed
	10/23		painters, caulkers, and rigging
	10/24		topmasts and top gallants
	10/25		hauled into dock for blacking; stores on board
	10/26		caulking and breaming
	10/27		out of dock
	10/28		topsail yards, beer and water
	10/29-30		guns and gunners' stores
	10/30		boatswain's and carpenter's stores
	10/31		powder
	11/01		ship's company received prize money
	11/06		pilot came aboard to convey the ship out of Portsmouth harbor
	11/07-11		at anchor in Spithead
	11/12		set sail in company with HMS <i>Saltash</i>
	11/15	47°00 x 5°40	saw two sail and gave chase; found to be Dutch bound from Lisbon to Holland
	11/17	45°07 x 6°21	saw fleet; joined <i>Torbay</i> with 16 sails
	11/20	39°17 x 6°21	parted company <sup>5</sup>
	11/22	40°30 x 5°53	saw sail – gave chase – lost contact [incorrect longitude]
	11/23		read Articles of War to company
	11/25	45°00 x 4°12	spoke with Dane bound from Lisbon to Hamburg
	11/28	47°10 x 1°25	brought to several Dutch ships—
	12/01-05	47°18 x 0°13-1°55	came into company with HMS <i>Actæon</i> , HMS <i>Deptford</i> and one other (HMS <i>Rochester</i> ?)
	12/05	47°18 x 1°55	<i>Actæon</i> parted company
	12/16	47°48 x 2°50	saw sail – gave chase; turned out to be English <i>Bristol</i> privateer

Year	Month & Day	Coordinates	Activity
1758 continued	12/17	47°51 x 1°57	saw sail – gave chase; turned out to be Danish dogger from Petersburg for Lisbon
	12/19	48°40 x 4°30	lost contact with <i>Deptford</i> and <i>Rochester</i> ; carpenters employed repairing bumpkin
	12/20	48°31 x 4°45	saw sails – gave chase; turned out to be <i>Rochester</i> and unknown privateer
	12/21	48°08 x 4°59	spoke with HMS <i>Essex</i> and HMS <i>Windsor</i>
	12/22	47°37 x 5°38	remained in company with <i>Essex</i> , <i>Windsor</i> and <i>Rochester</i>
	12/23	46°40 x 5°56	chased sail; Dane from Norway for Lisbon
	12/24-25	45°48 x 6°42 to 44°52 x 6°56	chased and brought to a Dutch East Indiaman
	12/28	45°00 x 6°06	chased and brought to ship; turned out to be British privateer; lost contact with <i>Essex</i> , <i>Windsor</i> and <i>Rochester</i>
	12/30-31	45°20 x 2°28 to 45°30 x 3°41	chased and brought to Danish ketch
<b>1759</b>	01/01-09		in Spithead; general maintenance
	01/10		fresh beef taken aboard
	01/10-16		continue general maintenance
	01/17		pilot moved <i>Pallas</i> into Portsmouth harbor
	01/18-19		cleared holds – guns removed
	01/20		blackening the yards
	01/22-23		caulking and paying masts
	01/24		carpenter's and boatswain's stores taken aboard
	01/25-27		rigging, maintenance, and fitting for sea
	01/28		guns loaded
	01/29		scraped and payed lower masts; finished provisioning for 3 months
	01/30		powder loaded
	02/01		exit harbor anchor at Spithead; joined with large fleet there under Admiral Holmes; mostly transports and Indiamen
	02/02		scraping and paying sides
	02/03-05		general maintenance
	02/08		exercised great guns
	02/09		took on beer
	02/10		read Articles of War and punished sailor for neglect of duty
	02/11-13		general maintenance
	02/14		set sail in company with HMS <i>Chichester</i> , HMS <i>Chatham</i> , HMS <i>Faulkland</i> , and HMS <i>Boreas</i> with East India convoy
	02/16		<i>Chatham</i> and <i>Boreas</i> chased Spaniard Bilboa for Amsterdam and spoke with same
	02/18	49°30 x 00°20	saw sail, <i>Boreas</i> chased; turned out to be <i>Lizard</i> in company of 21 sail convoy
	02/20	46°36 x 06°10	chased and brought to <i>Hassa</i> privateer of London
	02/21	45°40 x 7°35	parted company with ship bound for Guinea
	02/22	45°11 x 9°17	<i>Pallas</i> and <i>Chatham</i> chased and brought to a Spaniard from 'Carachis' to St. Sebastian's
	02/24	45°18 x 11°53	<i>Faulkland</i> took command of convoy and parted company; <i>Chichester</i> and <i>Chatham</i>

Year	Month & Day	Coordinates	Activity
1759 continued	02/27	47°09 x 09°44	spoke with two vessels that had been attacked by French privateers at 49°20 and proceeded there with <i>Boreas</i>
	03/01-04	49°31 x 09°09	Patrolled; no finds chased sail turned out to be Dane from St. Cruz bound for Copenhagen
	03/12		met up with <i>Chichester</i> and <i>Chatham</i> ; main mast found to be sprung
	03/13		carpenter from <i>Boreas</i> came aboard to assist woolding the mast
	03/14		parted company with <i>Boreas</i>
	03/16		reached Spithead and anchored
	03/17		taken into Portsmouth harbor by pilot
	03/18		unrigging ship
	03/19-20		removed guns and powder, clearing hold, water casks put ashore; carpenters and caulkers aboard
	03/21-25		new mainmast installed; overhauled rigging
	03/26		officers' stores aboard
	03/27-30		provisioning
	03/31		guns aboard
	04/01		powder aboard; moved to anchor at Spithead
	04/03		fresh beef <sup>6</sup>
	04/04		set sail with <i>Essex</i> , <i>Jamaica</i> sloop; anchored at Needle Point
	04/05		joined by <i>Chatham</i>
	04/07	47°49 x 1°03	saw sail – gave chase – fired guns
	04/08	47°02 x 0°48	proved to be HMS <i>Juno</i>
	04/09	45°46 x 1°34	chased sail – Dutch dogger from Calais for Rochfort
	04/10		sighted 20 sail – Dutch convoy
	04/13	46°10 x 1°34	chased sail – Spaniard from Bristol for Bordeaux
	04/15	45°33 x 0°22	chased sail; turned out to be Jamaican ship taken by French; liberated; prize
	04/17	45°34 x 5°24	parted company with <i>Jamaica</i> sloop
	04/22	45°54 x 7°14	chased sail – packet from Falmouth
	04/26		<i>Essex</i> and <i>Chatham</i> bore aft to Plymouth with prize; <i>Pallas</i> made for Portsmouth
	04/29 to 05/21		Spithead and Portsmouth general maintenance; assembled fleet including HMS <i>Nottingham</i> , HMS <i>Hercules</i> , <i>Chatham</i> , HMS <i>Venus</i> , <i>Essex</i> and HMS <i>Minerva</i>
	In early June of 1759, Captain Archibald Cleveland departed and Captain Michael Clements took command of HMS <i>Pallas</i> . <sup>7</sup> Clements would remain captain until <i>Pallas</i> was paid off in January 1764. <sup>8</sup>		
	06/18		sailed from Spithead
	06/23 to 07/04		patrolled channel coast of France near Brest in company of <i>Rochester</i> and a cutter
	07/05		fired on French ships in Brest harbor and shore batteries at St. Matthews Convent
	07/06-16		harried French at St. Matthews and in Brest harbor
	07/18		Plymouth Sound; heeled and scrubbed
	07/19-21		provisioned
	07/22-27		general maintenance

Year	Month & Day	Coordinates	Activity
1759 continued	07/28		sailed in company with HMS <i>Hero</i> , <i>Southampton</i> , <i>Venus</i> , <i>HMS Sapphire</i> ; blockaded French ports of Brest and Le Havre
	Logbook gap from July 28 to October 3, 1759		
	10/03		Plymouth Sound
	10/04		provisioning
	10/05		moved to sheer hulk to remove sprung bowsprit; caulkers came aboard to caulk ship
	10/06		clearing hold; overhauling rigging
	10/07		new bowsprit installed; new gammoning; provisioning for 3 months
	10/08-11		ballast, water and beer
	10/13		company received 6 months pay
	10/14		moved out into Plymouth sound
	10/15-18		scraping, paying and general maintenance
	10/19		set sail
	10/20	47°16 x 00°38	saw two Dutch vessels; spoke with one
	10/21-28		patrol French channel coast; Quiberon Bay, Belle Isle, Isle of Groa; 27 <sup>th</sup> came to sail with <i>Chatham</i>
	10/29		met with <i>Sapphire</i> and HMS <i>Vengeance</i> and parted company
	10/30		continued patrol; met <i>Venus</i> , <i>Swallow</i> sloop and a convoy of victuallers
	10/31		joined HMS <i>Firm</i>
	11/02		joined company with HMS <i>Maidstone</i>
	11/03		joined <i>Chatham</i> and <i>Vengeance</i> ; parted company with all
	11/04-13		Quiberon Bay—came to anchor; found here squadron and several victuallers; gun maintenance
	11/14		sailed in company with <i>Firm</i> , <i>Southampton</i> and <i>Vengeance</i>
	Logbook gap 11/15 to end of 1759		
<b>1760</b>	01/05		returned to Plymouth Sound
	01/07		pilot came to bring <i>Pallas</i> into harbor
	01/08		replaced sprung main [top]mast; unloaded powder
	01/09		unloaded and overhauled rigging
	01/10-19		provisioning
	01/20		took on guns
	01/21		took on powder
	01/22		scraped sides and lower masts and payed; tallowed topmasts
	01/23		pilot aboard to take <i>Pallas</i> back into sound
	01/24-29		general maintenance
	01/30		sailed with HMS <i>Brilliant</i>
	02/01	49°16 x 7°15	with <i>Brilliant</i>
	02/07	47°51 x 15°26	with <i>Brilliant</i>
	02/14	50°48 x 16°59	with <i>Brilliant</i>
	02/16	50°55 x 15°6	with <i>Brilliant</i>
	02/18		Kinsale Harbor
	02/19-24		general maintenance
	02/25		sailed with <i>Brilliant</i> and HMS <i>Æolus</i>



Year	Month & Day	Coordinates	Activity
1760 continued	02/28		encountered 3 strange ships and gave chase; proved to be French frigates <i>Marshal Bell Isle</i> 44, <i>Lablond</i> 36 and <i>Terpsichor</i> 24 <sup>9</sup> <i>Pallas</i> —sails and rigging damaged, shot through mainmast, best bower shot away
	02/29		three ships were taken to Ramsay Bay
	03/1-5		prisoners were put ashore and temporary repairs were made
	03/6-25		<i>Pallas</i> , <i>Brilliant</i> , <i>Æolus</i> , <i>Weasel</i> sloop and the three prizes sailed for Plymouth, stopping at Kinsale Harbor on the way
	03/27		<i>Pallas</i> brought into Plymouth Harbor
	03/28		guns and powder off loaded
	03/30		bow cables replaced; rigging overhauled
	04/06		mainmast replaced and re-rigged
	04/08		company paid 6 months wages
	04/09		returned to patrolling the French channel coast near St. Matthews Convent, Brest
	04/16		saw ship and gave chase; turned out to be French; exchanged fire; French ship ran aground so violently that her masts fell; <i>Pallas</i> wore and raked her to finish the job
	04/17 to 05/23		in company of HMS <i>Shrewsbury</i>
	05/24		returned to Plymouth Sound
	05/25		clearing hold
	05/28 to 06/17		major overhaul; new masts and bowsprit, re-rigged, scraping and paying decks and sides and lower masts; provisioning
	06/18		depart Plymouth
	06/21	47°20 x 6°04	
	06/22	45°49 x 6°56	
	06/23	45°49 x 7°25	foremast sprung
	06/24	45°44 x 6°53	
	06/25	44°16 x 8°11	
	06/26	44°30 x 7°58	
	06/27	45°08 x 8°42	
	06/28	44°06 x 8°47	
	06/29	44°40 x 9°41	
	06/30	44°30 x 10°21	
	07/01	42°47 x 10°6	
	07/03	37°59 x 9°59	rock of Lisbon
	07/04	36°24 x 8°27	Cadiz
	07/06		Gibraltar
	07/07-11		repaired foremast and took on provisions
	07/12-17		Europa Point patrol
	07/19-20		near Gibraltar
	07/24	37°26 x 00°14	
	07/25	37°35 x 00°14	
	07/29		Majorca
	08/07	38°50 x 10°15e	
	08/10	36°50 x 13°45e	
	08/11		Malta
	Logbook gap August to October <sup>10</sup>		

Year	Month & Day	Coordinates	Activity
1760 continued	October		patrolled western Mediterranean around Malta and Cape Angelo with <i>Dunkirk</i> , <i>Shannon</i> , <i>Shrewsbury</i> , and HMS <i>Somerset</i>
	10/19-23		Messina Road; provisioning and general maintenance
	10/29	36°22 x 15°23	
	11/07		Malta
	11/12	36°43 x 13°27	
	11/16-17		Cape Carthage
	12/02	38°59 x 7°50	
	12/03-09		patrolled between Sardinia and Majorca
	12/13		at anchor in Tunis; provisions and general maintenance
	12/18		exchanged broadsides with three French vessels
	12/20-23		patrolled off Tunis
	12/28		took a French prize off Cape Negro
<b>1761</b>	01/02	35°36 x 11°08	
	01/04		moored in Malta; provisions and general maintenance
	01/24	37°58 x 10°25	
	01/28	42°03 x 6°32	
	01/29	42°23 x 5°37	
	01/30	41°42 x 5°00	
	01/31	41°59 x 4°58	
	02/04		moored in Leghorn [Legorno] Road
	02/11-13		anchored in Tunis; provisions and general maintenance
	02/19-22		anchored in Leghorn Road; provisions and out general maintenance
	03/20		anchor in Cagliari Bay; overhauling rigging and scrubbing bottom
	04/5-16		patrolled southeast approaches to Malta
	04/22-29		moored in Milo Harbor; provisions and general maintenance
Logbook gap April 30 to June 6, 1761			
	06/06-19		moored in Malta; provisions, overhauling rigging; general maintenance
Logbook gap June 19 to July 24, 1761			
	07/24 to 09/01		moored in Leghorn; complete refit, caulking, careening and breeming; new masts; painting, painting gun carriages, new rigging; scraping and paying decks, masts and sides; provisioning
	09 - 11/04		patrolled between Sardinia and Majorca
	11/04-17		moored in Messina; rigging adjustments; provisions and general maintenance
	12/30 to 01/04		moored in Tunis Bay; provisions and general maintenance
<b>1762</b>	01/10-12		moored in Malta; provisions and general maintenance
	01/19-26		Patrol
	02/09-15		at anchor in Cagliari Bay; provisions and general maintenance
	03/16-04/30		in Gibraltar; overhaul; picking oakum before sheathing

Year	Month & Day	Coordinates	Activity
1762 continued	05/08	41°44 x 5°50e	
	05/11		moored in Villefranche Bay; provisions and general maintenance <sup>11</sup>
	06/06-15		mainly at anchor in Gibraltar
	06/15-08/12		patrol between Cadiz and Trafalgar
	08/13-22		moored in Gibraltar harbor; provisioning, rigging and general maintenance
	08/23	35°39 x 1°49w 33°31 x 2°09 36°12 x 6°00 36°33 x 7°27	patrol
	09/23	38°33 x 7°07	
	10/05	42°24 x 8°55	
	09/24-10/04	39°40 x 6°00 40°35 x 7°05	
	10/16-11/20		moored in Gibraltar Bay
	11/22-12/14	34-36° x 0-3°	On patrol
	12/16-21		at anchor in Lagos Bay; provisions and general maintenance
	12/22-01/05	mostly 36°x 0-1°	patrol
<b>1763</b>	01/06-02/16		moored in Gibraltar
	02/17		sailed from Gibraltar with HMS <i>Dunkirk</i> , <i>Chichester</i> and some merchant vessels bound for England
	02/26-03/14		moored in Lisbon Harbor
	03/14-17		returned to Gibraltar
	03/18-04/08		moored in Gibraltar
	04/09-28		moored in Cadiz
	04/29-05/01		moored in Gibraltar
	05/02-06		short cruise to Cagliari
	05/07-09		Cagliari Bay
	05/10-13		Cagliari to Genoa
	05/14-22		moored in Genoa
	05/23-25		Genoa to Leghorn Road
	05/26-06/11		moored at Leghorn Road
	07/01-05		patrolled around Gibraltar
	07/06		moored at Gibraltar; carried out general maintenance
	08/10		sailed from Gibraltar to Cadiz
	08/11-28		moored in Cadiz harbor
	08/29-30		sailed from Cadiz to Gibraltar
	09/01-11/02		moored in Gibraltar; provisions and general maintenance
	11/03-05		moved to Cadiz
	11/06-21		moored in Cadiz
	11/22-12/02		Moved to Lisbon
	12/03-08		Moored in Lisbon; general maintenance
	12/09		sailed from Lisbon

Year	Month & Day	Coordinates	Activity
1763 continued	12/21		moored at Spithead
	12/22-01/13		ship stripped
<b>1764</b>	01/14		crew paid off <sup>12</sup>
<b>1770</b>	10/26-11/11		alongside Jetty Head working up for sea, taking on a new crew, provisions, ballast, rigging; new Captain named LaForey <sup>13</sup>
	11/12-26		moored in Portsmouth harbor; tops, yards and shrouds; cleaning and trimming; blacking yards; carpenter, boatswain and gunner stores; ballast and trim
	11/26-12/19		read Articles of War to the ship's company; ballast; heavy cables and anchors; Clerk of the Cheque came aboard to muster crew; provisions
<b>1771</b>	12/20-03/27		moored at Spithead
	03/28-04/11		final working up, guns brought aboard <sup>14</sup>
	04/12-05/02		anchored at Spithead, Captain Watson assumes command <sup>15</sup>
	05/05		sailed for the Mediterranean
	05/08	48°38 x 1°25w	
	05/09	48°22 x 2°13w	
	05/10	45°42 x 4°21w	
	05/11	43°47 x 5°14w	
	05/12	42°10 x 0°43w	[incorrect coordinates] <sup>16</sup>
	05/13	40°58 x 0°55w	<i>Minerva</i> and HMS <i>Pearl</i> in company
	05/14	41°19 x 2°12w	
	05/15	40°55 x 2°19	
	05/16	40°39 x 0°12	
	05/17	40°20 x 0°20	
	05/18	37°54	
	05/19	36°33 x 1°41	
	05/20-27		Gibraltar at anchor
	05/28		sailed on patrol with <i>Minerva</i>
	05/29	36°40 x 0°51e	
	05/30	37°8 x 0°44e	
	05/31	36°50 x 2°22e	
	06/01	37°08 x 0°34	
	06/02	38°24 x 0°34	
	06/04	39°10	
	06/05	39°47 x 00°51	
	06/10		sailed still in company with <i>Minerva</i>
	06/13	38°30 x 0°57e	
	06/14	39°09 x 2°17	
	06/15	38°23 x 2°37	
	06/18-22		moored in Malta harbor
	06/23	36°9 x 2°39	sailed with <i>Minerva</i>
	06/24	36°28 x 5°59	
	06/26-07/01		moored in Milo harbor



Year	Month & Day	Coordinates	Activity
1771 continued	07/07-11/29		moored in Smyrna harbor; general maintenance
	11/30		sailed
	12/02	36°20	Moses Ward, sailmaker, runs gauntlet for sin of attempted sodomy
	12/03	35°43	
	12/04	35°15 x 0°55w[?]	
	12/05	36°0	
	12/06	36°24 x 2°22w[?]	
	12/07	36°16 x 5°42w[?]	
	12/08	36°28 x 6°45w[?]	
	12/09-18		moored in Malta harbor
	12/19	36°39 x 0°38e	
	12/20	36°36 x 1°17e	
	12/21	36°27 x 0°27e	
	12/22	36°46	
	12/23	36°44	
	12/24	36°35	
	12/25	36°53	
	12/26	37°23	
	12/27	38°28 x 0°45w[?]	
	12/28	37°49 x 2°21w[?]	
	12/29	37°53 x 3°22w[?]	
	12/30	37°30	
	12/31	37°01	
<b>1772</b>	01/01-08		moored in Bona Bay
	01/09	37°07	sailed
	01/10	37°42	
	01/13	39°53	
	01/14-15		at anchor off Cape Mola
	01/16	39°18 x 0°30e	
	01/17	39°21 x 0°48e	
	01/18	39°18	
	01/19	39°21	
	01/20-28		moored in Mahon harbor overhauling rigging
	01/29	38°48 x 0°37e	
	01/30	38°43 x 2°29e	
	01/31	38°24 x 0°30e	
	02/01	38°14 x 0°23e	
	02/02	37°51 x 0°04e	
	02/04	36°57	
	02/05	36°54	
	02/06	37°06	
	02/07	36°26	
	02/08		Europa Point
	02/09		anchored in squall; obliged to cut away small bower
	02/10-04/04		moored in Gibraltar harbor; general maintenance; scraping, paying, painting, etc. <sup>17</sup>

Year	Month & Day	Coordinates	Activity
1772 continued	04/06		shock thought to be rock turned out to be an earthquake
	04/07	37°07 x 6°14w	
	04/12-29		moored in Tagus River (Lisbon)
	04/30-31		Gibraltar
	05/01-06		moored in Gibraltar
	05/08	36°47 x 00°55e	
	05/25-06/24		moored in Mahon Harbor
	06/25-07/01	37°06-37°10 x 1°58-0°45e	short patrol
	07/02-07/21		Mahon Harbor
	07/22-28		short patrol
	07/29-09/03		Mahon Harbor
	09/04-16		patrol around Cape Mola, cape Paul, Cape Palus, Malaga, Gibraltar, Ceuta Point
	09/17		moored in Gibraltar
Logbook gap September 18, 1772 through December 8, 1772			
<b>1773</b>	12/09/1772 to 03/16/1773		alongside the wharf at Gibraltar <sup>18</sup>
	03/16-25		moved into Gibraltar Bay
	03/26	36°26 x 2°54w	sailed from Gibraltar on patrol
	03/27	36°26 x 3°30w	
	03/28	36°26 x 4°29w	
	03/29	36°51 x 5°44	
	03/30	36°49 x 5°46w	
	03/31	38°52 x 6°01w	
	04/01-11	39°57 x 7°02w 39°57 x 7°02w 40°43 x 7°1 41°30 x 5°45w 43°49 x 4°46w 45°31 x 3°01w 47°12 x 1°23 49°24 x 0°14e 49°39 x 1°14 50°29	return trip to England; recorded following daily coordinates
<b>1774</b>	04/12-23		moored in Spithead
	10/05-11/12		moored in Portsmouth harbor working up; new captain, Honorable William Cornwallis took command effective September 1774 <sup>19</sup>
	11/13- 12/11		anchored at Spithead
	12/12		sailed in company with <i>Weasel</i> sloop
	12/20	48°42 x 2°53w	
	12/21	46°10 x 4°52w	

Year	Month & Day	Coordinates	Activity
1774 continued	12/22	43°11 x 7°06w	
	12/23	40°57 x 8°36w	
	12/24	39°14 x 9°36w	
	12/25	37°40 x 10°45w	
	12/26	35°16 x 11°15w	
	12/27	33°11 x 11°43w	
	12/28	32°35	
	12/29	30°55 x 00°24e	
	12/30	29°54 x 00°16w	
	12/31	29°16 x 00°49w	
<b>1775</b>	01/01		island of Palma
	01/02	28°57 x 0°27w	
	01/03	28°38	
	01/04	29°19	
	01/05	28°53	
	01/06-17		in Santa Cruz Bay, Tenerife; provisions and general maintenance
	01/18	28°06	sailed in company with <i>Weasel</i> sloop
	01/19	27°07	
	01/20	25°56 x 0°18e	
	01/21	24°18 x 0°01e	
	01/22	21°38 x 0°41w	
	01/23	18°49 x 0°27w	
	01/24	16°47	
	01/25	15°58	running down Senegal Bar; spoke to sloop from Dominica
	01/26		anchored off Senegal Bar
	01/27	16°00	in company with <i>Weasel</i> sloop
	01/28-29		anchored off Senegal Fort
	01/30		anchored off Senegal Bar
	01/31	15°29	sent 25 half barrels of powder ashore for use by [Senegal] fort at the request of the governor
	02/01	13°39n	
	02/02	13°29n	anchored in Gambia River; fired on and brought to French sloop
	02/03		fired on and brought to French sloop and cutter
	02/04-09		in Gambia River off James Island; delivered 15 half barrels of powder to Fort James
	02/10		ran down river
	02/11	12°17 x 0°55w	
	02/12	10°12 x 0°52w	
	02/13	9°3 x 0°27e	
	02/14	8°47 x 1°25e	
	02/15	8°44 x 2°10e	
	02/16	8°31	

Year	Month & Day	Coordinates	Activity
1775 continued	02/17-03/01		moored in Frenchman's Bay, Sierra Leone River; found several French ships and small vessels in Frenchman's Bay and an English ship and several small vessels in Whiteman's Bay; at anchor, general maintenance
	03/02		sailed
	03/03	8°32 x 0°42w	
	03/04	7°52 x 0°45w	
	03/05	7°16 x 0°18	
	03/06	6°57 x 0°11e	
	03/07	6°22	Cape Monserado
	03/08	5°41n	
	03/09	5°20n	
	03/10	5°12	
	03/11	4°53	
	03/12	4°25	
	03/13	4°34	
	03/15	5°05	mouth of 'Cochroe' River; spoke to two Dutch vessels
	03/16	5°09	
	03/17	4°57	Cape Apollonia; spoke with English sloop
	03/18		anchored off Dick's Cove
	03/19	4°59n	Commenda Fort; spoke to French sloop
	03/20-26		off Cape Coast Castle (Dutch fort)
	03/27		anchored off Annamaboe (Dutch fort)
	03/28	5°09n	
	03/29	5°18n	Winnebah Fort (Dutch); Dutch ship at anchor
	03/30	5°32n	English Fort at Accra (English, Danish and Dutch forts all in proximity)
	03/31	5°43n	
	04/01	6°13n	
	04/02	6°12	
	04/03		anchored off Whydah; English, French and Portuguese forts; numerous ships of all nationalities
	04/04		visited English fort
	04/05		sailed
	04/06	5°28 x 1°49w	
	04/07	5°12 x 0°37w	
	04/08	4°52 x 0°6w	
	04/09	4°27 x 0°6e	
	04/10	3°22 x 0°40e	
	04/11	2°41 x 0°56e	
	04/12	1°56 x 1°13e	
	04/13	1°01 x 0°27e	
	04/14	0°52 x 0°46w	
	04/15	0°46 x 1°58w	
	04/16	0°46 x 2°31w	
	04/17	0°23 x 2°30w	



Year	Month & Day	Coordinates	Activity
1775 continued	04/18	0°10s x 2°10w	
	04/19	0°47s x 1°26w	
	04/20	1°03s x 1°42w	
	04/21	1°11s x 2°22w	
	04/22	1°20s x 3°22w	
	04/23	1°28s x 4°43w	washed decks regularly with vinegar; exercised guns more often
	04/24	1°40s x 7°02	
	04/25	1°27s x 9°55	
	04/26	1°33s x 11°32w	
	04/27	1°30s x 13°12w	
	04/28	1°25 x 15°34	
	04/29	1°21 x 18°02	
	04/30	1°16 x 20°22	
	05/01	0°47s x 22°28	
	05/02	0°9s x 24°43	
	05/03	0°29n x 26°34	
	05/04	1°5n x 27°10	
	05/05	1°42n x 27°32	
	05/06	2°42n x 28°7	
	05/07	3°26n x 28°35w	
	05/08	4°6n x 28°45w	
	05/09	4°57n x 28°57w	
	05/10	5°26n x 28°52w	
	05/11	5°49n x 29°15w	
	05/12	6°07n x 29°47w	
	05/13	6°22 x 30°48w	
	05/14	6°33 x 31°19w	
	05/15	6°42 x 32°26w	
	05/16	7°04 x 33°40w	
	05/17	8°03 x 35°22w	
	05/18	9°11 x 37°27w	
	05/19	10°22 x 40°13w	
	05/20	11°34 x 43°15w	
	05/21	12°23 x 46°13w	
	05/22	12°46n x 49°4w	
	05/23	12°55 x 57°57w	
	05/24	13°04 x 54°45w	
	05/25	13°14 x 57°34w	
	05/26	13°09 x 60°03w	
	05/27	12°58 x 62°40w	
	05/28	13°23n x 64°20w	
	05/29	13°17 x 66°04	
	05/30	13°10n	Barbados

Year	Month & Day	Coordinates	Activity
1775 continued	05/31		anchored in Carlisle Bay, Barbados
	06/01	13°25	west end of Barbados
	06/02	13°47	
	06/03	14°57	
	06/09-07/12		moored in Port Royal, Jamaica; general overhaul and provisioning
	07/13		sailed; patrolled around Jamaica and Caribbean and returned to England
	08/28		arrived Spithead
	08/28-09/05		Spithead
	09/06-22		refit, rigging
	09/23-10/10		in dock <sup>20</sup>
	10/11-11/03		in Portsmouth harbor; new bowsprit, new gammoning, new rigging, shrouds, provisions
	11/04-16		moored in Spithead
	11/16		sailed; cruising
	11/23	49°10 x 1°47w	
	11/24	48°20 x 2°36w	
	11/25	46°40 x 3°36w	
	11/26	46°05 x 5°31w	
	11/27	44°30 x 5°08w	
	11/29	44°04 x 00°04w	
	11/30	44°41 x 1°01w	
	12/01	45°00 x 1°17w	
	12/02	44°58 x 1°22w	
	12/03	44°14 x 1°41w	
	12/04	43°15 x 2°03w	
	12/05	42°39 x 2°19w	
	12/06	40°49 x 3°00w	
	12/07	38°47 x 3°47w	
	12/08	37°12 x 4°24w	
	12/09	34°45 x 5°20w	
	12/10	32°40	
	12/11		Madeira
	12/12		Madeira
	12/13	31°59	
	12/14	32°43 x 1°15e	
	12/15	32°06 x 2°53e	
	12/16	31°38 x 3°35e	
	12/17	30°40 x 3°27e	
	12/18	29°25	
	12/19	29°10	
	12/20	28°53	
	12/21-29		in Santa Cruz Bay, Tenerife
	12/30	26°43	Grand Canary
	12/31	23°46 x 0°43w	

Year	Month & Day	Coordinates	Activity
<b>1776</b>	01/01	21°29n	running along Barbary coast
	01/02		anchored off Cape Blanco
	01/03	20°32 x 0°12w	
	01/04	18°29 x 0°40e	
	01/05	17°34	
	01/06	16°06	Senegal Fort
	01/07	14°55	
	01/08	14°19 x 0°20e	Goree; fired at and brought to French brig forcing it to show colors
	01/09	13°34	mouth of Gambia river
	01/10	13°35	anchored at mouth of Gambia river
	01/11-13	13°10 x 00°36w	Anchored at Cape St. Mary
	01/13	13°10 x 00°36w	Cape St. Mary
	01/14	11°40 x 00°47w	Cape St. Mary
	01/15	9°57 x 00°16w	Cape St. Mary
	01/16	9°8 x 1°22e	Cape St. Mary
	01/17	8°44 x 2°36e	Cape St. Mary
	01/18		Cape Sierra Leone
	01/19-02/04		anchored in Frenchman's Bay
	02/05-06		Cape Sierra Leone
	02/07-08		off Banana Islands
	02/09-13		anchored off Banana Islands
	02/14-16	7°59n	around Banana Islands
	02/17	8°08 x 00°34w	Cape Sierra Leone
	02/18	7°11 x 00°22w	Cape Sierra Leone
	02/19	7°09 x 00°31e	Cape Sierra Leone
	02/20	7°04 x 1°11e	Cape Sierra Leone
	02/21	6°58n	
	02/22	6°42n	Cape Marte
	02/23	6°23n	
	02/24	6°09n	
	02/25	5°54n	
	02/26	5°38n	
	02/27	5°18	
	02/28	4°43	
	02/29	4°18	Cape Palmas
	03/01	4°32n	
	03/02	5°03	
	03/03	5°08	
	03/04		
	03/05	4°57	Cape Apollonia
	03/06	4°47	Dick's Cove Castle
	03/07	4°58	English fort at Commenda
	03/08-17		anchored off Cape Coast Castle
	03/18-22	5°10	anchored off Cormantyne Fort (Dutch) <sup>21</sup>
	03/23		anchored off Assam (Alsam?)

Year	Month & Day	Coordinates	Activity
1776 continued	03/24	5°20	Winnebah
	03/25-27		anchored off Accra (English fort); Dutch, Danish forts also
	03/28	5°43	
	03/29	5°44	
	03/30	6°13	
	03/31-04/01		anchored at Whydah (English fort)
	04/02-20	6°07 to 0°23n x 0°42 to 5°3e	off the coast of Whydah
	04/21	00°16n	north end of the island of St. Thomas
	04/22-05/02		in Annadechoros Bay, St. Thomas island
	05/06	00°45s x 0°52w	
	05/07	00°56s x 1°42w	
	05/08	1°05s x 2°51w	
	05/09	1°07s x 3°48w	
	05/10	1°48s x 5°15w	
	05/11	2°17s x 7°20w	
	05/12	2°04s x 9°14w	
	05/14	1°55s x 12°31w	
	05/15	2°26s x 13°54	
	05/16	2°31s x 15°18	
	05/17	2°11s x 16°41	
	05/19	2°07s x 19°29	
	05/20	2°19s x 21°08	
	05/21	2°41s x 23°06	
	05/22	2°57s x 25°29	
	05/23	3°21s x 27°10	
	05/24	3°34s x 28°37	
	05/25	3°06s x 30°32	
	05/26	2°19s x 32°29	
	05/27	0°59s x 34°09	
	05/28	0°33n x 35°42	
	05/29	2°06n x 36°47	
	05/31	4°22n x 37°57	
	06/01	3°17 x 38°50	
	06/02	5°52 x 39°19	
	06/03	6°56 x 40°19	
	06/04	8°28 x 41°55	
	06/05	9°44 x 44°18	
	06/06	10°58 x 46°48	
	06/07	12°00 x 49°10	
	06/08	12°23 x 51°14	
	06/09	12°37 x 53°14	
	06/10	13°22 x 55°23	
	06/11		south end of Barbados
	06/12		Carlisle Bay, Barbados



Year	Month & Day	Coordinates	Activity
1776 continued	06/13-18		Cape Solomon to Martinico
	06/22-07/05		moored in Port Royal harbor
	07/06		sailed with 22 vessels and <i>Maidstone</i> ; bound up North American coast
	07/10		company added <i>West Florida</i> packet ( <i>sic</i> ) and now number 105 merchant
	10/01		liberated the <i>Anne</i> from Dominica bound for London and taken by an American privateer
	10/03		chased off what appeared to be an American privateer
	10/12		entered St. Lawrence harbor
	10/13-28		St. Lawrence harbor
	10/29-11/16		Atlantic crossing <sup>23</sup>
	11/01	44°47 x 08°10	
	11/02	45°14 x 11°10	
	11/03	45°30 x 14°56	
	11/04	45°34 x 16°12	
	11/05	44°43 x 18°08	
	11/06	44°24 x 22°36	
	11/07	44°37 x 25°20	
	11/08	45°08 x 27°46	
	11/10	47°59 x 35°40	
	11/13	49°24 x 45°40 <sup>22</sup>	
	11/17		arrived at Spithead
	11/18-20		anchored at Spithead
	11/23-12/05		in Portsmouth Harbor
	12/06		aside sheer hulk replacing mainmast
	12/07-14		in Portsmouth Harbor
<b>1777</b>	12/15-26		in dock; no reason given
	12/28-01/23		Portsmouth harbor; refit, maintenance, provisioning <sup>24</sup>
	01/24-02/28		at Spithead
	03/01-20		sailed as escort to convoy to Tenerife, Grand Canary
	03/21-04/02		in and around Tenerife and Grand Canary
	04/05		anchored at Senegal Fort
	04/06		anchored at Senegal Bar
	04/08-15		mouth of Gambia River
	04/16-25		worked from Cape St. Mary to Cape Sierra Leone
	04/26-05/10		in Frenchman's Bay, Sierra Leone
	05/11-22		Cape Sierra Leone to Cape Palmas
	05/23-06/01		Cape Palmas to Cape Apollonia
	06/01-04		to Commenda Castle
	06/05-09		Cape Coast Castle
	06/10	4°44n x 0°49e	Annamoboe
	06/10-22	4°44n x 00°49e to 8°28s x 6°13w	worked down African coast from Annamaboe
	06/23-07/25		Atlantic crossing

Year	Month & Day	Coordinates	Activity
1777 continued	07/26		arrived Carlisle Bay, Barbados
	07/27-08/07		patrol around Dominica with HMS <i>Jenny</i>
	08/07		arrived Port Royal
	08/07-10/26		Port Royal; overhaul blocks and rigging, new gammoning and bobstays, blacking yards and rigging, reeving the running rigging, working up junk <sup>25</sup> , scraped and payed deck, lower masts, and sides
	10/27		departed Port Royal with HMS <i>Bute</i> and six merchantmen
	11/07		arrived Bluefields Bay, Jamaica
	11/08-09		in Bluefields Bay
	11/10		departed Bluefields Bay with <i>Bute</i> , <i>Nancy</i> sloop and 17 sail
	11/15		<i>Nancy</i> sloop parted company and made for Pensacola
	11/18		liberated schooner taken by American privateer
	11/29		<i>Bute</i> started taking on water and <i>Pallas</i> ' carpenter sent to assist
	12/03		<i>Bute</i> scuttled by her captain
<b>1778</b>	01/14-16		anchored at Spithead <sup>26</sup>
	01/17-29		in Portsmouth Harbor <sup>27</sup>
	01/30-04/24		in dock; iron ballast out; cleaned and rummaged; boatswain and carpenter stores returned; fitting the rigging <sup>28</sup>
	04/25-05/18		in Portsmouth
	05/19-24		at Spithead
	05/25-27		sailed for Torbay
	05/28-06/12		at Torbay
	08/24		arrived at St. Lawrence
	09/05-11		St. John's, Newfoundland
	09/11-16		local patrol; Cape Race; Cape Chapeau Rouge
	09/17-10/08		moored at St. Peter's Road, Newfoundland
	10/09-12		local patrol
	10/13-31		St. John's harbor <sup>29</sup>
	11/01-29		escorted convoy to Gibraltar with <i>Invincible</i> and 40 plus sail
	11/29-12/09		in Gibraltar Bay
	12/10-11		in Cadiz Bay
	12/12-26		patrol St. Mary and St. Sebastian
	12/27-29		in Cadiz Bay
<b>1779</b>	12/30-01/25		Cadiz to Spithead
	01/26-02/25		Mitler [?] Banks and Spithead
	03/05-05/02		in Hamoze near Spithead; refit, reeving running rigging, provisioning, replaced canvas, masts and bowsprit, painted lower masts, re-rigged
	05/03-22		around Guernsey, Grovedela Bay, Cancale Bay, Cawsand Bay <sup>30</sup>
	05/23-06/16		moored at Spithead
	06/17		depart with convoy, 28 sail and HMS <i>Cameleon</i>

Year	Month & Day	Coordinates	Activity
1779 continued	06/21	49°25 x 1°36w	
	06/22	49°16 x 3°01w	
	06/23	48°53 x 5°25	
	06/24	47°03 x 7°33	
	06/25	xxxx x 8°13	
	06/26	44°39 x 8°27	
	06/27	43°21 x 8°39	
	06/29	38°54 x 8°52	
	07/01	34°55 x 8°26	
	07/03	32°49 x 10°30	
	07/04-11		moored at Funchal Bay
	07/13		west end of Madeira
	07/15	30°54 x 00°47w	
	07/19	26°55 x 6°13	
	07/21	24°24 x 9°19	
	07/25	19°52 x 15°16	
	07/30	15°22 x 23°37	
	08/02	13°05 x 29°05w	
	08/08		off Carlisle Bay, Barbados
	08/14		moored at English Harbor
	08/25-09/11		moored at Port Royal
	09/12-10/21		patrol around Cuba, Jamaica, Tortuga, Cape Nichola, Monte Christie, Porto Plata, and Isabella Point
	10/22-11/05		Port Royal Harbor
<b>1780</b>	11/06-01/01		patrol around Caribbean
	01/02-23		moored at Port Royal
	01/24		depart as part of large fleet of men of war and merchantmen
	02/08	28°49n x 79°32w	
	02/12	32°23 x 86°28	
	02/16	29°49 x 83°33	
	02/20	29°45 x 69°40	
	02/23	28°59 x 66°57	
	02/28	29°00 x 65°37	
	03/01	28°34 x 65°10	
	03/04	26°15 x 65°44	
	03/07	19°58 x 65°06	
	03/11	17°15 x 70°20	
	03/13	17°19 x 73°52	
	03/21	17°18 x 75°02	
	04/08		joined with HMS <i>Phoenix</i>
	04/10	12°33 x 75°18	<i>Phoenix</i> in company
	04/25	13°54 x 71°25	
	05/01-06/10		Port Royal

Year	Month & Day	Coordinates	Activity
1780 continued	06/11-21		short patrol with HMS <i>Ulysses</i> ; Cape Tiberon and Isle of Ash
	06/22-07/11		Port Royal
	07/16-22		Bluefields Bay
	07/27		joined with HMS <i>Lowestoffe</i>
	07/30	19°50 x 80°51	
	08/01	21°26 x 83°40	
	08/09	23°19 x 85°44	
	08/12	24°11 x 85°49	
	09/06		took Spanish prize <sup>31</sup>
	09/13		in and around Tortuga Bank
	09/15		Key Largo
	09/19	31°50 x 78°07	
	09/22	29°54 x 74°47	
	09/27	28°54 x 70°31	
	10/01	23°35 x 69°06	
	10/05	21°53 x 71°00	
	01/06-18		worked back to Jamaica
	01/19-23		Port Royal
	10/24-31		short local patrol
	11/01-15		short local patrol; took Spanish packet [ <i>sic</i> ] prize on the 10 <sup>th</sup>
	11/16-12/03		Port Royal
	12/04		sailed with HMS <i>Diamond</i> and HMS <i>Pomona</i> in company; patrol
<b>1781</b>	01/09	19°27 x 65°30	took prize snow <sup>32</sup>
	01/17	20°05 x 63°59	took prize brig
	02/03		return to Port Royal
	02/03-10		in Port Royal
	02/11		patrol with <i>Diamond</i> , <i>Pomona</i> , HMS <i>Pelican</i> , and <i>Guay Trouin</i> ( <i>Frouin</i> ?)
	02/24	16°17 x 71°13	
	02/26	14°15 x 68°56	
	03/03	12°35 x 69°25	
	03/07	15°08 x 70°05	
	03/13	12°23 x 65°47	
	03/18		took two Spanish brigs and a 40-gun letter of marque
	03/20		took American brig from Philadelphia
	03/21		parted company with all but <i>Pomona</i> at Bon Aire [ <i>sic</i> ]
	03/22-04/10		work back to Jamaica
	04/11-05/14		Port Royal
	05/15		sail in company with <i>Diamond</i> and <i>Ulysses</i> and eight sail merchants
	06/17		joined 'active' privateer from Jamaica
	06/21		took American prize ship
	07/21-08/20		Port Royal
	08/21		sailed with fleet including <i>Ramillies</i>

Year	Month & Day	Coordinates	Activity
1781 continued	09/13		<i>Diamond</i> joined
	10/24		Porto [ <i>sic</i> ] Rico
	10/31		Bon Aire
	11/06		return to Port Royal
	11/07-12/17		Port Royal, Kingston and Fairway
<b>1782</b>	12/17-02/28		patrol Turks, Isabella Point; HMS <i>Resource</i> in company
	03/01-05		Kingston harbor
	03/06		Port Royal
	03/28-04/25		Kingston
	04/26-05/21		Port Royal; sheer hulk, replacing main mast
	05/22-06/27		Patrol
	06/28-07/24		Port Royal
	07/25		Departed Port Royal with Admiral Graves' fleet prize fleet from the Battle of the Saints, bound for England. <sup>33</sup>
From Late September, 1782 until January 1783, the whereabouts of <i>Pallas</i> are unknown.			
<b>1783</b>	January 1783		Halifax. <sup>34</sup> Late January sailed from Halifax escorting a convoy bound for England.
	02/12		Calheta Harbor, São Jorge, Azores; <i>Pallas</i> set on fire <sup>35</sup>

<sup>1</sup> Until or unless otherwise noted, the following information comes from TNA: PRO ADM 51/666. Lieutenant's logbooks from HMS *Pallas*.

<sup>2</sup> Gardiner, *First Frigates*, p. 22-28.

<sup>3</sup> TNA: PRO ADM 51/666. Lieutenant's logbooks from HMS *Pallas*. Both the quantity of information and the degree of detail available about *Pallas*' career varies considerably in the logs of her numerous Captains; variance which is inevitably reflected in this table.

<sup>4</sup> Clowes, *Royal Navy*, Vol. 3, p. 193-94. Although there is a gap in the *Pallas* logbooks for this period, Clowes states that from August 6-17, *Pallas* participated in Admiral Howe's raids on Cherbourg and that Howe transferred his flag to *Pallas* in order to be able to stand in closer to shore during the operation.

<sup>5</sup> TNA: PRO ADM 51/666. Lieutenant's Logbooks from HMS *Pallas*. The longitudes given in the log book for November 20 and 22 are incorrect coordinates that would place *Pallas* in Western Spain

<sup>6</sup> TNA: PRO ADM 51/666. Lieutenant's logbooks from HMS *Pallas*.

<sup>7</sup> TNA: PRO ADM 51/666. Lieutenant's logbooks from HMS *Pallas*. No explanation is given for this change of command.

<sup>8</sup> NMM: PJ/JC Vol. 1, National Maritime Museum Warship History Continuation Sheet microfilm.

<sup>9</sup> Jenkins, *History of the French Navy*, 129-36. These were the French frigates *Marshal Bell Isle* (44), *Lablond* (36) and *Terpsichor* (24). The two squadrons engaged and after a short, hour and a half long battle all three French ships were taken. *Pallas* suffered sail and rigging damage, a shot through the mainmast, and her best bower was shot away. The French frigates had been dispatched from Dunkirk in October with a small detachment of troops under the command of the renowned privateer Captain Thurot with orders to sail north and land a diversionary force in Ireland in preparation for the cross-channel invasion.

<sup>10</sup> Clowes, *Royal Navy*, Vol. 3, 303. At some point in the late summer of 1760, *Pallas*, *Shrewsbury* and *Argo* engaged in a running battle with the French 74 *Diadème* escorting a convoy to Martinique. *Shrewsbury* was a poor sailor and it was left to the frigates to harass and slow *Diadème* until *Shrewsbury*



could catch up. Unfortunately, *Pallas* exposed herself to a broadside from *Diadème* and was forced to break off the pursuit.

<sup>11</sup> Clowes, *Royal Navy*, Vol. 3, 253. This is interesting. *Pallas* was in a French port five months before peace was suggested by the French.

<sup>12</sup> All of the above information comes from TNA: PRO ADM 51/666 unless otherwise noted.

<sup>13</sup> Unless otherwise noted the following information comes from TNA: PRO ADM 51/667 Lieutenant's Logbooks from HMS *Pallas*.

<sup>14</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. At some point between January and May of 1771 Captain Laforey was relieved, because on May 7, 1771 when *Pallas* sets sail for the Mediterranean, Captain C. Watson was in command.

<sup>15</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm.

<sup>16</sup> Coordinates for May 12 through May 17, 1771 cannot be correct as they reference points on the Iberian peninsula. Either little care was taken in the readings or the coordinates were transcribed incorrectly.

<sup>17</sup> A gap in TNA: PRO ADM 51/667 Lieutenant's Logbooks from HMS *Pallas*, for the period April 1 to December 9, is partially covered in TNA: PRO ADM 51/4283.

<sup>18</sup> TNA: PRO ADM 51/667. Lieutenant's Logbooks from HMS *Pallas*. Record recommences after gap filled by TNA: PRO ADM 51/4283. Lieutenant's Logbooks from HMS *Pallas*.

<sup>19</sup> Ibid.

<sup>20</sup> TNA: PRO ADM 51/667. Lieutenant's Logbooks from HMS *Pallas*. No specifics are given regarding the repair undertaken while in dry dock.

<sup>21</sup> TNA: PRO ADM 1/1611. Admiralty Correspondence. During this period, Captain Cornwallis received news that an American brig in the Gabon River had arms and ammunition aboard. The brig was captured with the assistance of *Weasel* sloop and 1<sup>st</sup> Lieutenant Bray of the *Pallas* was ordered to sail the prize to Antigua.

<sup>22</sup> Note that coordinates progress backwards from east to west. Presumably they were entered into the logbook at a later date.

<sup>23</sup> Information for November through December 1776 extracted from TNA: PRO ADM 51/4283.

<sup>24</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. During this layover, Captain Cornwallis was reassigned and Captain Rowland Cotton took command.

<sup>25</sup> Blanckley, *Naval Expositor*, 83. Junk was old rope cut into short lengths for use as swabs, nippers and to be picked in oakum.

<sup>26</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. In early 1778. Captain Rowland Cotton was reassigned and Captain Richard King took command.

<sup>27</sup> TNA: PRO ADM 51/668. Lieutenant's Logbooks from HMS *Pallas*. Unless otherwise noted the following information comes from TNA: PRO ADM 51/668. Lieutenant's Logbooks from HMS *Pallas*. It is probable that the new logbook coincides with the change of command; Captain King records little in the way of useful remarks during his tenure.

<sup>28</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. It is almost certain that *Pallas* was coppered during this period in dry dock.

<sup>29</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. During October 1778, Captain King was reassigned and Captain T. Spry took command.

<sup>30</sup> NMM: PJ/JC Vol. 1. National Maritime Museum Warship History Continuation Sheet microfilm. I have found references to an action at Concale around this date suggesting that *Pallas* was involved.

<sup>31</sup> TNA: PRO ADM 51/668. Lieutenant's Logbooks from HMS *Pallas*. The logbook contains no details as to the ship type.

<sup>32</sup> *ibid.*, The nationality of the snow taken on January 9<sup>th</sup> and the brig taken on January 17<sup>th</sup> is not given.

<sup>33</sup> Breen, "Foundering of the HMS *Ramillies*," 190. HMS *Ramillies* and several of the French prizes in the convoy were lost in severe weather.

<sup>34</sup> TNA: PRO ADM 51/668. Lieutenant's Logbooks from HMS *Pallas*.

<sup>35</sup> Crisman, "Looking for Ships," 7-8.

## VITA

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