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Zeitgenössische Pläne historischer Schiffe von Fredrik Henrik af Chapman, **Architectura Navalis Mercatoria, 1768**

Der schwedische Schiffbauer Fredrik Henrik af Chapman veröffentlichte 1768 in Stockholm die Zeichnungen von zahlreichen Schiffen in seinem Buch "Architectura Navalis Mercatoria". Es enthält 62 Tafeln ("Plates") und theoretische Überlegungen aus jener Zeit. Das klassische Werk.

Alle seine Tafeln stehen zum Download zur Verfügung auf der Website des Stockholmer Marinemuseums (Sjöhistoriska Museet):

<http://www.sjohistoriska.se/sv/Fordjupning/Sok-i-samlingarna/Arkiv/F-H-af-Chapmans-arkiv/ChapmanNet/ChapmanNet1/>

Leider haben die Museumsmitarbeiter auf der Website nicht den Index mit aufgeführt, in dem Chapman Informationen zu den dargestellten Schiffen gegeben hatte: die Länge, Breite, Tiefgang, Ladekapazität in Tonnen, Anzahl der Kanonen auf den Kriegsschiffen und den Kaperfahrzeugen, deren Besatzung und die Anzahl der Riemenpaare bei den kleineren Booten.

Unten angeführt sind Tabellen mit dem englischen Index seines Werks, "Index and description of the draughts contained in this work". Die Scans des Original-Inhaltsverzeichnis sind mit aufgeführt. Viele Tafeln enthalten mehrere Zeichnungen ("Draughts"), die in der zweiten Spalte aufgeführt sind. Insgesamt sind es 182 Zeichnungen von einzelnen Schiffen.

Die Längenangaben sind in englischen Fuß, 1 ft = 30,48 cm .

Fast alle Tafeln zeigen nur die Linienrisse der Schiffe. Die zugehörigen Takelagen sind in Tafel 62 aufgeführt.

Beim Erstellen der Tabellen wurde die Schreibweise von Chapman weitgehend übernommen. Manche Begriffe haben heute jedoch eine etwas andere Bedeutung. Chapman unterschied fünf Hauptgruppen nach der Art der Rumpfkonstruktion. Frigate, Hagboat und Pink (Fregatte, Heckboot und Pinke) besaßen ein Galion wie Kriegsschiffe gleicher Größe, während Catt und Bark (Katt und Bark) ohne Galion und recht bauchig im Bug gebaut waren.

Merchant Ships or Vessels <i>(scan of original index)</i>							
Number of the Plate	Number of the Draught	Nature of the Vessels, as to their Shape and Rigging	Length between the perpendiculars of Stem and Sternpost	Breadth Moulded	Draught of water as it is on the plan	The greatest Draught of water, to which the Vessel may reasonably be loaded	The real Burthen in Tons at the greatest Draught of water
1st Class			Feet	Feet	Feet	Feet	
I	1	Frigate built, Frigate Rigging (see LXII , No. 1)	160	41.4	22.1	22.7	1140
II	2	Frigate built, Frigate Rigging (see LXII , No. 1)	149	39	20.6	21.2	900
III	3	Frigate built, Frigate Rigging (see LXII , No. 1)	136	36	19	19.7	761
IV	4	Frigate built, Frigate Rigging (see LXII , No. 1)	124.2	33.7	17.5	18.5	572
V	5	Frigate built, Frigate Rigging (see LXII , No. 1)	115	31.2	16.1	16.7	424
V	6	Frigate built, Frigate Rigging (see LXII , No. 1)	100.2	28.6	14.1	14.7	307
VI	7	Frigate built, Frigate Rigging (see LXII , No. 1)	89	26	13	13.3	244
VI	8	Frigate built, Snow Rigging (see LXII , No. 2)	77.4	24	11.3	11.9	160
VII	9	Frigate built, Scooner Rigging (see LXII , No. 6)	79.5	20.6	8.1	8.6	115
VII	10	Frigate built, Sloop Rigging (see LXII , No. 12)	54.3	18	8.2	8.8	65
2nd Class							
VIII	11	Hagboat, Frigate Rigging (see LXII , No. 1)	156.2	38.9	21.2	21.2	1164
IX	12	Hagboat, Frigate Rigging (see LXII , No. 1)	144.3	36.2	19.2	19.2	903
X	13	Hagboat, Frigate Rigging (see LXII , No. 1)	132.5	34.5	18.3	18.5	716
XI	14	Hagboat, Frigate Rigging (see LXII , No. 1)	122.4	32.2	16.2	17.1	548
3rd Class							
XII	15	Pink, Frigate Rigging (see LXII , No. 1)	109.2	29.5	15.3	15.6	416
XII	16	Pink, Frigate Rigging (see LXII , No. 1)	97.8	26.3	13.9	14.3	309
XIII	17	Pink, Snow Rigging (see LXII , No. 2)	86	24.4	12.4	12.8	215
XIII	18	Pink, Briggantine Rigging (see LXII , No. 4)	74.5	21.7	10.8	11.6	149
XIV	19	Pink, Briggantine Rigging (see LXII , No. 4)	62.8	18.8	9.3	9.7	89
XIV	20	Pink, Sloop Rigging (see LXII , No. 12)	51.3	16.6	7.8	8.2	52
4th Class							
XV	21	Catt, Frigate Rigging (see LXII , No. 1)	151.8	37.5	19.5	19.5	1097
XVI	22	Catt, Frigate Rigging (see LXII , No. 1)	141	35.5	18.5	18.5	833
XVII	23	Catt, Frigate Rigging (see LXII , No. 1)	130.8	33.1	17.5	17.5	711
XVIII	24	Catt, Frigate Rigging (see LXII , No. 1)	118.3	30.5	16.1	16.6	575
XVIII	25	Catt, Frigate Rigging (see LXII , No. 1)	106.5	28	14.9	15.5	446
XIX	26	Catt, Frigate Rigging (see LXII , No. 1)	95.4	25.6	13.3	13.8	340
XIX	27	Catt, Snow Rigging (see LXII , No. 2)	83.5	22.8	11.9	12.5	237
XX	28	Catt, Briggantine Rigging (see LXII , No. 4)	72	20.3	10.3	10.9	153
XX	29	Catt, Sloop Rigging (see LXII , No. 12)	60.3	18	8.8	9.1	93
XX	30	Catt, Sloop Rigging (see LXII , No. 12)	48.5	15.1	7.2	7.2	43
5th Class							
XXI	31	Bark, Frigate Rigging (see LXII , No. 1)	150.8	38	20	20.8	1257
XXII	32	Bark, Frigate Rigging (see LXII , No. 1)	138.4	33.8	18.5	19.5	996
XXIII	33	Bark, Frigate Rigging (see LXII , No. 1)	127.3	32.3	17.3	18.2	840
XXIV	34	Bark, Frigate Rigging (see LXII , No. 1)	115.7	29.8	15.8	16.5	608
XXIV	35	Bark, Frigate Rigging (see LXII , No. 1)	103.8	27	14.3	15	455
XXV	36	Bark, Snow Rigging (see LXII , No. 2)	92.8	24.3	12.8	13.5	316
XXV	37	Bark, Briggantine Rigging (see LXII , No. 4)	80.8	21.7	11.3	11.8	227
XXVI	38	Bark, Briggantine Rigging (see LXII , No. 4)	68.8	19.5	9.5	10.3	139
XXVI	39	Bark, Sloop Rigging (see LXII , No. 12)	57.3	17.7	8.3	8.6	84
XXVI	40	Bark, Sloop Rigging (see LXII , No. 12)	45.8	15	6.7	6.8	41
Vessels of small Draught of Water							
XXVII	1	Flyboat (<i>fluyt</i>), Frigate Rigging (see LXII , No. 1)	128.3	29.6	11.8	14.1	618

XXVIII	2	Bark, Frigate Rigging (see LXII , No. 1)	108.7	26.3	9.8	12.4	416
XXVIII	3	Bark, Snow Rigging (see LXII , No. 2)	93.3	23.4	8.8	10.9	258
XXVII	4	Bark, Scooner Rigging (see LXII , No. 6)	80	21.5	8	9	159
XIV	5	Bark, Galeas Rigging (see LXII , No. 9)	68	19.5	7.8	8.3	110
VII	6	Bark, Sloop Rigging (see LXII , No. 12)	58.5	17.6	7.6	7.9	84
XXIX	7	Bark, Briggantine Rigging (see LXII , No. 4)	72.4	20.5	8.3	9.2	142
XXIX	8	Bark, Kray Rigging (see LXII , No. 10)	72	18.5	6.6	6.8	81
XXIX	9	Bark, Sloop Rigging (see LXII , No. 12)	45	14.7	5.4	5.4	30
XXIX	10	Bark, Sloop Rigging (see LXII , No. 12)	37.2	13.7	4.7	4.7	17
XXX	11	Pink, Ketch Rigging (see LXII , No. 3)	78.8	25.6	10.8	10.8	137
XXX	12	Hoy, Chalke Rigging (see LXII , No. 13)	67	17.7	6.8	7.6	110
XXX	13	Bark, Galeas Rigging (see LXII , No. 9)	67	21.5	7.8	7.8	93
XXVIII	14	Bark, Galeas Rigging (see LXII , No. 9)	62.5	16.8	6.3	6.8	74
XXX	15	Lighter	49.3	13.8 - 15.8	5.4	5.4	41
XXX	16	Ferry boat	49.3	11.8	2	-	-

Vessels for Swift Sailing and Rowing (scan of original index)						
Number of the Plate	Number of the Draught	What kind of Vessels	Length between the perpendiculars of Stem and Sternpost	Breadth Moulded	Draught of water	Oars
Packet Boats			Feet	Feet	Feet	
XLI	1	Frigate	81.5	22.6	10.7	-
XLI	2	Scooner	73.8	18.5	8.5	-
XLII	3	Sloop, with two sorts of Frames, for more or less draught of water	60.4	17.6	5.9 - 8.2	-
XLII	4	Scooner	54.6	15.6	7.1	-
XLII	5	Sloop or Yacht	38.3	13.3	5.5	-
Pleasure Vessels For Sailing						
XLIII	1	Frigate	76.5	22.4	8.3	-
XLIII	2	Scooner	71.9	18.6	6.9	6 pair
XLIV	3	Yacht	52.4	17.1	6.3	-
XLIV	4	Scooner	62.2	16.7	5.8	6 pair
XLV	5	Yacht	42.8	14.8	5	-
XLV	6	Yacht	35	13	4.4	-
XLIV	7	Yacht	31.3	10.5	3.1	-
XLV	8	Yacht	29.3	11.3	4	-
XLV	9	Yacht	25.3	10.2	3.5	-
XLIV	10	Yacht	23.4	7.6	2.5	-
Pleasure Vessels For Rowing						
XLVI	1	a Row Galley	121.2	18.2	6.8	16 pair
XLVI	2	a Barge	56.6	10.6	2.6	10 pair
XLVII	3	Barge	50.4	7.8	2	12
XLVII	4	Barge	42.3	6.4	2	10
XLVII	5	Barge	35.3	6.1	1.7	8
XLVII	6	Pinnace	27.3	5.8	1.7	7 or 8
XLVII	7	Pinnace	23.4	5.4	1.7	5
XLVII	8	Pinnace or Yawle	19.8	4.8	1.3	4
Boats, Large and Small, for the use of Ships						
XIV	1	Launce (<i>Launch</i>)	36.5	9.8	-	8 pair
XLVIII	2	Launce	29.3	8.5	-	7 pair
XLVIII	3	Launce	24.4	7.2	-	6
XXVI	4	Launce	19.4	5.8	-	5
XLVIII	5	Longboat	33.2	9.8	-	8 pair
XLVIII	6	Longboat	29.3	9	-	7 pair
XLVIII	7	Longboat	25.3	8.1	-	7
XLVIII	8	Longboat	21.5	7.4	-	6
XLVIII	9	Longboat or yawle	17.6	6.5	-	5
XXVI	1	Barge or Pinnace	32.2	6.3	-	10
VII	2	Pinnace	29.3	6.1	-	9
XIII	3	Pinnace	26.3	5.9	-	7
XIII	4	Pinnace	23.3	5.8	-	6

XX	5	Yawle	19.5	5.8	-	5
XX	6	Yawle	17.6	5.7	-	4
XXV	7	Yawle	15.4	5.3	-	4
XXV	8	Yawle	13.6	5.1	-	3
XXV	9	Yawle	11.6	4.8	-	3
XLVIII	10	Yawle	9.8	4.8	-	2
XLVIII	11	Perogue	18.3	4.2	-	2 pair
LIII	10	Boat for Sailing on the Ice	-	-	-	-
LIII	11	Proportion of Sails for the same	-	-	-	-

Privateers <i>(scan of original index)</i>																	
Number of the Plate	Number of the Draught	Nature of the Vessels, as to their Rigging	Total Number of Carriage Guns	Number of Guns and Weight of the Ball						Length between the perpendiculars of Stem and Sternpost	Breadth Moulded	Draught of Water abaft	Height of Gunports above Water a Midships	Number of Men including Officers	Months Provision	Months of Water	Pair of Oars
				On Deck		On Quarterdeck and Forecastle		Swivel Guns									
				Number	Pound Shot	Number	Pound Shot	Number	Pound Shot								
XXXI	1	Frigate	40	28	18	12	6	-	-	156.5	39.8	18	8.3	400	5	2.5	-
XXXIII	2	Frigate	38	26	18	12	6	-	-	145.5	38	17	6.8	360	5	2.5	-
XXXIV	3	Frigate	34	24	12	10	4	-	-	135	34.5	15.5	6.8	310	4.5	2.3	-
XXXV	4	Frigate	32	24	9	8	3	-	-	125	32.5	14.8	5.7	260	4.3	2.3	7
XXXVI	5	Frigate	22	20	6	2	4	32	3	116.7	30.7	14.3	4.8	220	4	2	7
XXXVII	6	Frigate	18	18	6	-	-	22	3	109	29.3	12.9	4.8	200	4	2	12
XXXVIII	7	Frigate	16	16	6	-	-	-	-	100.3	26.3	11.2	4.5	160	3	1.5	11
XXXVIII	8	Snow	14	14	4	-	-	12	3	90.3	24.3	10.3	4.5	115	3	1.5	10
XXXIX	9	Ketch	12	12	4	-	-	-	-	83	22.7	9.7	3.9	90	2.5	1.3	9
XXXIX	10	Ketch	11	10	3	1	18	-	-	74	20.5	8.5	3.9	70	2	1	8
XL	11	Scooner	2	-	-	2	6	32	3	93.5	23.2	9.3	-	100	2	1	10
XL	12	Scooner	2	2	4	-	-	10	3	70	18.5	7.5	-	50	2	1	8
XL	13	Sloop	10	8	3	2	6	-	-	62.3	20.5	7.3	3.5	50	2	1	7
XXXII	Sections and Contrivances of the Privateer No. 1																

Several kinds of Vessels used by different Nations <i>(scan of original index)</i>													
Number of the Plate	Number of the Draught	Kind of Vessels	Length between the perpen- diculars of Stem and Sternpost	Breadth Moulded	Draught of Water	Total Number of Carriage Guns	Number of Guns and Weight of the Ball				Swivel Guns	Mus- que- toons	Pair of Oars
							On Deck		On Quarterdeck and Forecastle				
							Number	Pound Shot	Number	Pound Shot			
Vessels of War			Feet	Feet	Feet								
LV	9	La Sirene (<i>La Sirène</i>), a French Frigate	127.3	33.5	15.2	34	26	9	8	4	-	-	-
LV	10	The Unicorn, an English Frigate	122.5	33.1	17	34	24	9	10	4	-	-	-
LVI	11	Jaramas, a Swedish Frigate	122.3	32	16.7	32	22	9	10	4	-	-	-
LVI	12	Blau Hagern (<i>Blaa Hejren</i>), a Danish Frigate	86.5	22.7	11.8	18	18	4	-	-	-	-	-
LVII	14	Neptunus, a Privateer, Built at Ostende	79.7	22.7	11.5	16	16	6	-	-	8	-	9
LVII	15	a Bermuda Sloop	60.3	21.2	12.3	10	10	4	-	-	12	-	-
LVII	16	a French Tartane	61	17.2	6.5	8	8	4	-	-	4	-	-
LVIII	17	an Algerine Chebec	127	25.2	9.3	28	16	6	4 + 8	12 + 3	-	30	9
LVIII	18	La Capitana, a Row Galley of Malta	179.5	24.3	8.3	5	2 + 2	9 + 6	1	36	18	18	30
XLIX	1	The Carolina Yacht, belonging to his Brittanik Majesty	90.7	24	10	8	8	4	-	-	6	-	-
LX	6	an English Cutter	54	22.4	10.8	12	12	3	-	-	14	-	5
Merchant Ships or Vessels													
LI	1	an English East Indiaman	129.8	33.3	19.3	-	-	-	-	-	-	-	-
LII	2	an English West India Trader	97	27	15.8	-	-	-	-	-	-	-	-
LII	3	a French Trader, River Built	57.5	17.3	10	-	-	-	-	-	-	-	-
LIII	5	La Chameau Flute, a French Store Ship	147.5	31.7	14.8	-	-	-	-	-	-	-	-
LIII	6	a Dutch Flyboat (<i>fluyt</i>)	132.5	29.7	14.5	-	-	-	-	-	-	-	-
LIV	7	a Dutch Smack	87.2	22	8	-	-	-	-	-	-	-	-
LIV	8	a Dutch Hoy, with Three Masts	107.2	26.7	13.3	-	-	-	-	-	-	-	-
LX	7	a Dutch Hoy, with Two Masts	81	23	9.2	-	-	-	-	-	-	-	-

LX	9	a Scoote, used by the Finlanders	61.5	25	7.8	-	-	-	-	-	-	-	-
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Several kinds of Vessels used by different Nations [\(scan of original index\)](#)

Number of the Plate	Number of the Draught	Kind of Vessels	Length between the perpendiculars of Stem and Sternpost	Breadth Moulded	Draught of water
Fishing Vessels					
LIX	1	a Dutch Dogger, for Carrying Lobsters	63	18.7	8.7
LIX	2	an English Herring Buss	66	16.2	9
LIX	3	an English Smack for Flattfish	38.2	13.3	6.4
LX	4	a Vessel with a well for Carrying Fish used at Stockholm	42.7	12.8	-
LX	5	One d:o less of the same kind (<i>smaller vessel as type above</i>)	17.7	5.8	-
Different sorts of smaller Vessels					
LVI	19	Galleas, a Baltick Vessel	48.5	14.4	5.8
L	7	a Spanish Bark, used in Cadix	44	12.5	-
L	11	an English Hoy or Lighter	51	16.5	8
L	12	a Hopper, for Carrying of Ballast	37.8	16.7	-
L	13	Chalk Barge, an English Vessel	56	15.3	-
LII	4	a Close Lighter, English	42.5	18.4	5.8
XLIX	2	a 8 oared Barge, English	43.8	6.2	-
XLIX	3	a Dutch Heeren Yacht	46.3	15.6	-
XLIX	4	a Dutch Scout or Boyert	25.3	8.3	-
L	5	a Swedish Boyert, or Pleasure boat	34.2	11.7	-
L	6	a Norway Yawl for Sailing	20.7	7.8	-
L	8	a Venetian Gondole	36.2	4.5	-
L	9	a English Wherry	26	5	-
L	10	a Greenland Pinnace, for Whale fishery	24.5	5.3	-
XLI	14	a French Pinnace of 6 oars	30.3	7.7	-
LX	8	a French Felouque of 10 pair of oars	42.3	8.6	-

Launching and manner of Rigging [\(scan of original index\)](#)

Number of the Plate	Number of the Draught	
Three different Methods of Launching Ships		
LXI	1	the French
LXI	2	the English
LXI	3	the Dutch
Several Figures, Representing the different manners of Rigging, which are most in use in the Northern Countrys		
LXII	1	Frigate or Ship
LXII	2	Snow
LXII	3	Ketch
LXII	4	Brigg
LXII	5	Billander
LXII	6	Scooner
LXII	7	Dogger
LXII	8	Dutch Hoy
LXII	9	Galleas, used in the Baltick
LXII	10	Kray, used in Finland
LXII	11	Ketch-yacht, used in the Baltick
LXII	12	Sloop
LXII	13	a Dutch Chalke
LXII	14	English Hoy
LXII	15	English Cutter
LXII	16	Tartane, with Latin Sails
LXII	17	Pleasure boat or Yacht
LXII	18	French Longboat, with a Latin Sail
LXII	19	a Longboat
LXII	20	Deal Cutter

LXII	21	Pinnace
LXII	22	French Fishingboat, on the Coast of Britany
LXII	23	Yawle
LXII	24	Yawle, used by the Pilots at Stockholm