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SHIPBUILDING
FROM
ITS BEGINNINGS



SHIPBUILDING FROM ITS BEGINNINGS

BY

^{mile}
E. VAN KONIJNENBURG, C. E.,

ENGINEER OF THE RIJKSWATERSTAAT OF THE NETHERLANDS

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BRUSSELS

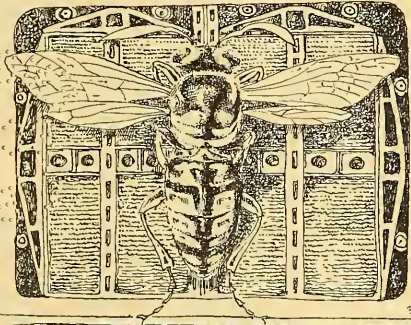
VOL. II



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STAMPE BELGE
D'IMPRIMERIE
3 RUE DU RUISSEAU
BRUXELLES.

A decorative border with intricate floral and leaf patterns surrounds the central text. The border is symmetrical and features a central floral motif at the top and bottom.

MIDDELLANDSCHE ZEE

(Zuidelijk Centrum).

MITTELLÄNDISCHES MEER

(Südlicher Mittelpunkt).

MEDITERRANEAN SEA

(Southern Centre).

MER MÉDITERRANÉE

(Centre Méridional).

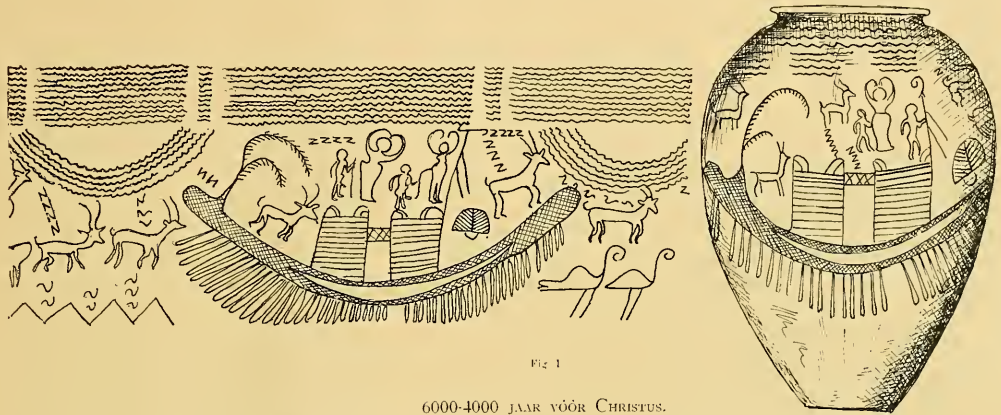


Fig. 1

6000-4000 JAAR VÓÓR CHRISTUS. 6000-4000 YEARS B. C.
 (MORGAN)
 6000-4000 JAHRE VOR CHR. GEB. 6000-4000 ANS AVANT J.-CHR.



Fig. 2.

Pagaaien.
 (Torr) Men using paddles.
 Pagaieurs.

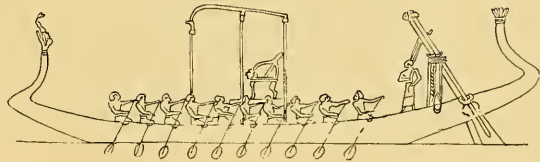


Fig. 3.

Roeien.
 (Torr) Rowers.
 Rameurs.

EGYPTISCHE SCHEPEN.
 ÄGYPTISCHE SCHIFFE. EGYPTIAN BOATS.
 BATEAUX ÉGYPTIENS.

HET GEREED MAKEN VAN PAPIRUS-BOORTJES BIJ DE OUDE EGYPTENAREN.
 (rijksmuseum van oudheden te Leiden.)
 DIE HERSTELLING VAN PAPIRUSBOORTEN BEL DEN ALTEN AEGYPTERN.
 (Museum des States in Leyden.)



Fig. 4

CONSTRUCTION OF PAPIRUS BOATS AMONG THE ANCIENT EGYPTIANS.
 (Museum of antiquities of the State of Leyden.)
 LA CONFECION DES BARQUETTES EN PAPIRUS CHEZ LES ANCIENS ÉGYPTIENS.
 Musée d'antiquités de l'État à Leyde.

PAPIRUSBOOT, DAS
 NOCH JETZT AUF DEM
 TSCHADSEE IN
 GEBRAUCH IST.
 (Schiffproge der
 Eingebornen.)



Fig. 5

PAPIRUS BOOTJE ZOALS DIT THANS NOG IN GEBRUIK IS OP HET TCHADMEER.
 BARQUETTE EN PAPIRUS ACTUELLEMENT EN USAGE SUR LE LAC TCHAD.
 (Proge de bateaux des indigènes.)

PAPIRUS BOAT STILL
 IN USE ON LAKE
 TCHAD.
 Reed canoe of the natives.)

1. ROERSCHIP; 2. en 3. VRACHESCHIPPEN DER OUDE EGYPTENAREN.
1. RUDERSCHIPF; 2. und 3. HANDELSCHIFFE DER ALTEN ÄGYPTER.

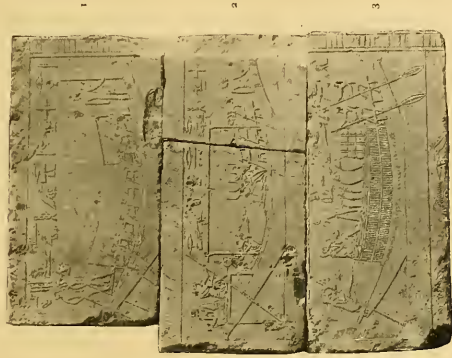


Fig. 6.

1. ROWBOAT; 2. and 3. MERCHANT BOATS OF THE ANCIENT EGYPTIANS.
1. BATEAU A RAMES; 2. et 3. BATEAUX MARCHANDS DES ANCIENS EGYPTIENS.



Fig. 7.

GESCHRIJF WORDEND VRACHTSCHIPP DER OUDE EGYPTENAREN.
(Grainmonument, Rijksmuseum van oudheden te Leiden.)

GESCHRIJPTES HANDELSCHIFF DER ALTEN ÄGYPTER.
(Gedenkmal im staatlichen Altertumsmuseum in Leyden.)

TOWED MERCHANT VESSEL OF THE ANCIENT EGYPTIANS.
(Funeral monument, Museum of antiquities of the state of Leyden.)

BATEAU MARCHAND REMORQUÉ DES ANCIENS EGYPTIENS.
(Monument funéraire, Musée d'antiquités de l'Etat à Leyde.)

MODEL OUD EGYPT-SCHIP. (MIDDELRIJK ± 2200-1800 VÓÓR CHRISTUS).
(Museum van oudheden, te Leiden.)



Fig. 8.



Fig. 8

MODELL EINES SCHIFFES AUS ALT-ÄGYPTEN
(MITTLERES REICH ± 2200-1800
VOR CHR. GEB.).
(Altertumsmuseum, in Leyden.)

MODEL OF AN ANCIENT EGYPTIAN VESSEL
(MIDDLE EMPIRE, ABOUT 2200-1800
B. C.).
(Museum of antiquities of Leyden.)

MODÈLE D'UN BATEAU DE L'ANCIENNE EGYPTTE. (MOYEN EMPIRE ± 2200-1800
AVANT JÉSUS-CHRIST).
(Musée d'antiquités de Leyde.)

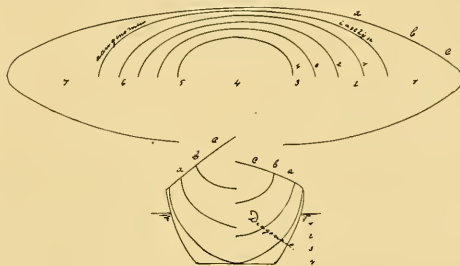


Fig. 9.

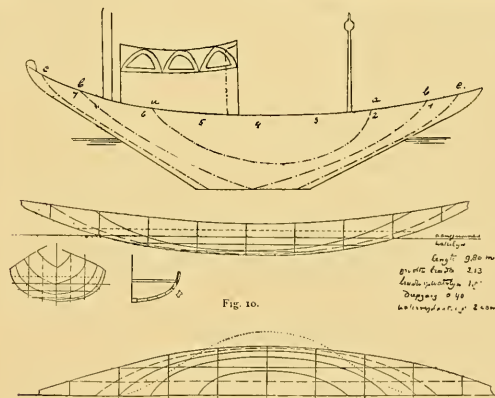


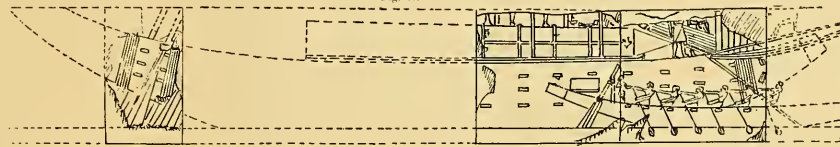
Fig. 10.

VERVOER VAN EEN OBELISK. (1600 v. Chr.).
TRANSPORTATION OF AN OBELISK. (1600 B. C.).

(HOLMES)

BEFÖRDERUNG EINES OBELISKEN. (1600 v. Chr. Geb.).
TRANSPORT D'UN OBELISQUE. (1600 av. J.-Chr.).

Fig. 11.



HET OPZETTEN DER GAFFELS OM HET KOORD, DAT HET DOORZADELEN
VAN HET SCHIP MOET VOORKOMEN, VAST TE ZETTEN.

DAS AUFSTELLEN DER GAFFELN (GEBELN)
ZUR BEFESTIGUNG DES TEUES, DAS DIE
LÄNGSBIEGUNG DES SCHIFFES VERHINDERN
SOLL.

POSITION OF THE FORKS INTENDED TO
FIX THE CABLE WHICH PREVENTS THE BOAT
FROM SAGGING LONGITUDINALLY.



Fig. 12.

LE PLACEMENT DES FOURCHES DESTINÉES A FIXER LE CABLE QUI DOIT
EMPÊCHER LA FLEXION LONGITUDINALE DU BATEAU.

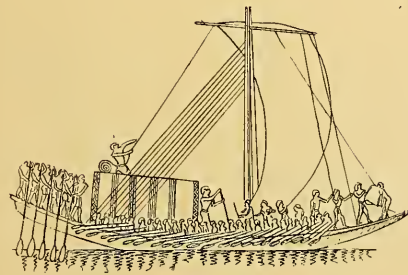


Fig. 13.

ÄGYPTISCHE HANDELSCHIFFE.
(Altes Reich.)

EGYPTISCHE HANDELSCHIFEN.
(Oude rijk.)

EGYPTIAN MERCHANT VESSELS.
(Ancient Empire.)

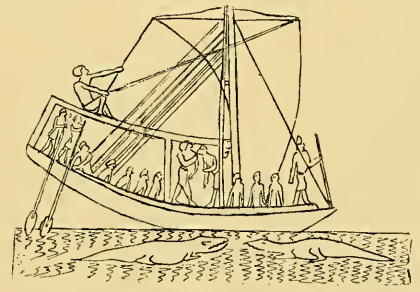


Fig. 14.

NAVIRES MARCHANDS EGYPTIENS.
(Ancien Empire.)

OUDE EGYPTIE :

- 1. KLEINOD VOORSTELLEND EEN ROEISCHIP.
(Rijksmuseum van oudheden te Cayro.)
- 2, 3 EN 4. ROEISCHIP DER OUDE EGYPTENAREN
UIT HET MIDDELRIJK ± 2200-1000 VÓÓR
CHRISTUS.

(Rijksmuseum van oudheden te Leiden.)

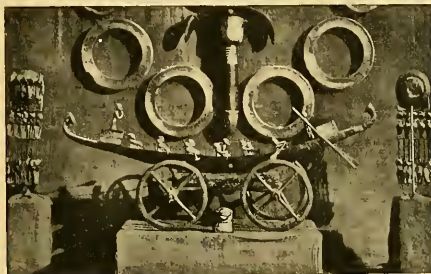


Fig. 15.

ALTES ÄGYPTEN :

- 1. KLEINOD MIT DARSTELLUNG EINES RUDERSCHIFFES.
- 2, 3 UND 4. RUDERSCHIFF DER ALTEN ÄGYPTER ;
MITTLERES REICH ± 2200-1000 VOR CHR-
GEB.

(Altertumsmuseum des Staates in Kairo.)

ANCIENT EGYPT :

- 1. JEWEL REPRESENTING A VESSEL WITH OARS.
- 2, 3 AND 4. VESSEL WITH OARS OF THE
ANCIENT EGYPTIANS, MIDDLE EMPIRE
± 2200-1000 B. C.

(Museum of antiquities of the State of Cairo.)



Fig. 16.

ANCIENNE EGYPTÉ :

- 1. BIJOU REPRÉSENTANT UN BATEAU A RAMES.
- 2, 3 ET 4. BATEAU A RAMES DES ANCIENS
EGYPTIENS, MOYEN EMPIRE ± 2200-1000
AVANT J.-C.

(Musée d'antiquités de l'Etat, Le Caire.)



3



4

Fig. 10.

SCHIPPEN NAAR HET LAND PUNT.
(Nieuwe Rijk)

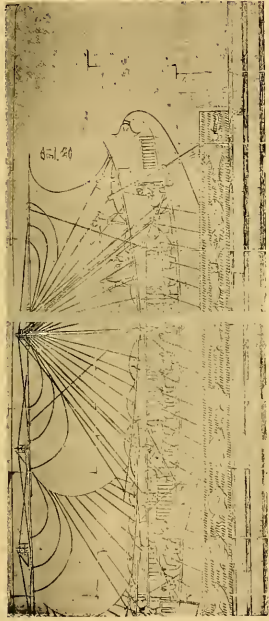


Fig. 17.

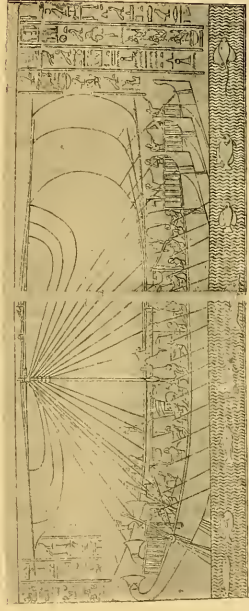


Fig. 18.

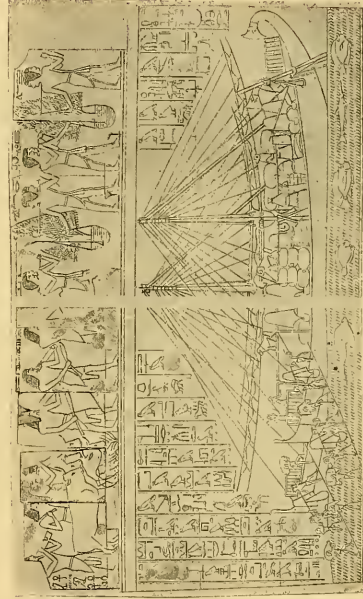


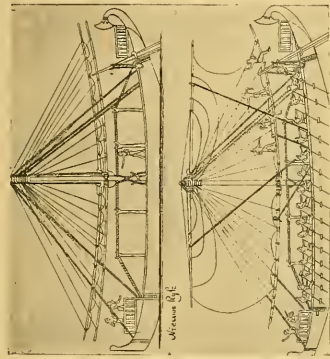
Fig. 19.

SCHIFFER DIE ZWISCHEN ÄGYPTEN UND DEM LANDE
« PUNT » VERKEHREN.
(Neues Reich)

VISSELS TRADING BETWEEN EGYPT AND THE LAND
OF « PUNT ».
(New Empire.)

NAVIRES TRAFIQUANT ENTRE L'EGYPTE ET LE PAYS DE « PUNT ».
(Nouvel Empire.)

SCHIFFEN NAAR HET LAND « PUNT ».
(Nieuwe Rijk).



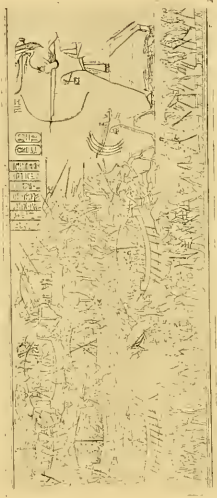
SCHIFFE DIE ZWISCHEN ÄGYPTEN
UND DEM LANDE « PUNT » VER-
KEHREN.
(Stares Reich).

VESSELS TRADING BETWEEN EGYPT
AND THE LAND OF « PUNT ».
(New Empire).

NAVIRES TRAFIQUANT ENTRE
L'EGYPTE ET LE PAYS DE « PUNT ».
(Nouvel Empire).

Fig. 20.

SLAG VAN RAMSES III
TEGEN DE BARBAREN.
(Plaat van Rosellini.)



SCHLACHT
DES RAMSES III
GEGEN
DIE BARBAREN.
(Tafel von Rosellini.)

BATTLE
OF RAMSES III
WITH
THE BARBARIANS.
(Plac by Rosellini.)

Fig. 21.

BATELLE LIVRÉE PAR RAMSES III
CONTRE LES BARBARES.
(Planché de Rosellini.)

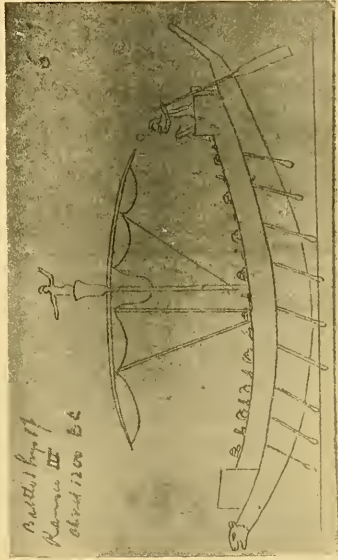


Fig. 22.

EIN DER SCHIFFEN.
ONE OF THE VESSELS.

EIN DER SCHIFFE.
UN DES BATEAUX.

PHÉNICIÉ (LAYARD)
± 700 JAAR VÓÓR CHRISTUS.

PHÖNIZIEN (LAYARD)
± 700 JAHRE VOR CHR. GEB.

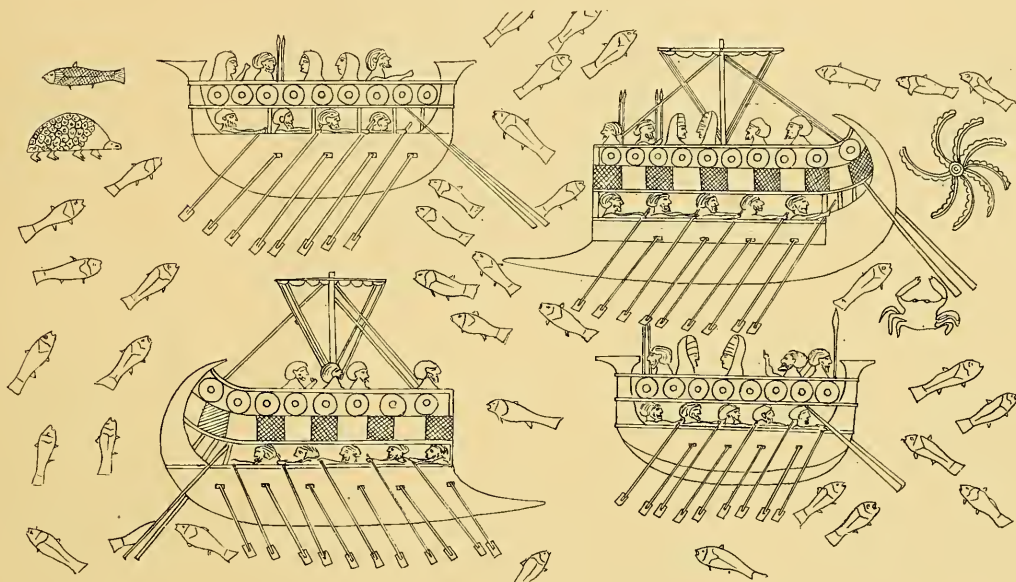


Fig. 23.

PHÉNICIA (LAYARD)
ABOUT 700 B. C.

PHÉNICIE (LAYARD)
± 700 AVANT JÉSUS-CHRIST.

GRIEKSCHE SCHEPEN.

GRIECHISCHE SCHIFFE.



Fig. 25.



Fig. 24.

GREEK VESSELS.

NAVIRES GRECS.



Fig. 27.



Fig. 26.

ROMEINSCHE SCHEPEN (± 200 JAAR VÓÓR CHRISTUS).

(Vergelijk fig. 66 en 67.)

RÓMISCHE SCHIFFE (± 200 JAHRE VOR CHR. GEB.).

(Siehe Abb. 66 und 67.)



Fig. 20.

ROMAN VESSELS (ABOUT 200 B. C.).

(Compare figs 66 and 67.)

NAVIRES ROMAINS (± 200 AVANT JÉSUS-CHRIST).

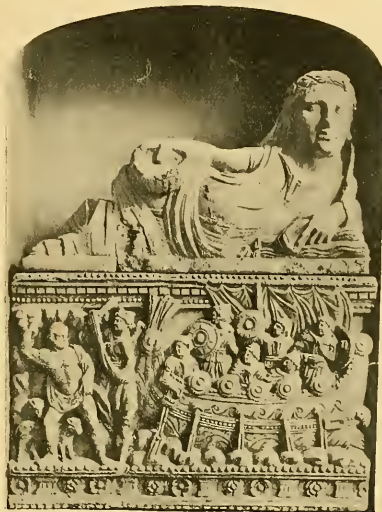
(Voir fig. 66 et 67.)



Fig. 28.

GRAFMONUMENT.
(Museum van oudheden te Leiden.)

FUNERAL MONUMENT.
(Museum of antiquities of Leyden.)



GRABDENKMAL.
(Im Staatlichen Altertumsmuseum in Leyden.)

MONUMENT FUNÉRAIRE.
(Musée d'antiquités de Leyde.)

Fig. 30.

ROMEINSCH HANDELSSCHIP.
(Relief Kathedraal van Salerno.)

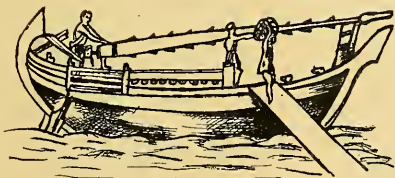


Fig. 31.

RÖMISCHES HANDELSCHIFF.
(Relief der Kathedrale von Salerno.)

NAVIRE MARCHAND ROMAIN.
(Relief de la cathédrale de Salerno.)

ROMAN MERCHANT SHIP.
(Relief of the cathedral of Salerno.)

ROMEINSCH HANDELSSCHIP.

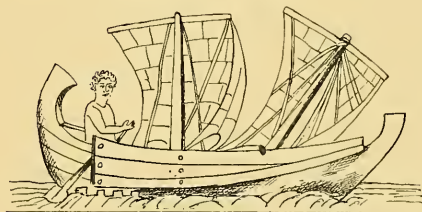


Fig. 32.

RÖMISCHES HANDELSCHIFF.

NAVIRE MARCHAND ROMAIN.

ROMAN MERCHANT SHIP.

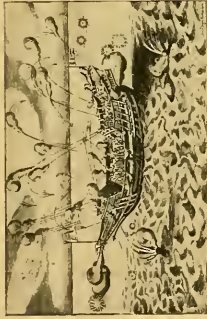


FIG. 33
SCHIP DER MIDDELLANDSCHE ZEE,
MITELMEER-SCHIFF, MEDITERRANEAN SHIP,
NAVIRE DE LA MEDITERRANÉE.
(Färenbach 1029.)

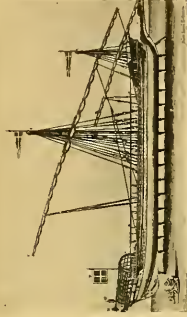


FIG. 34
GALEI,
GALERIES, (Färenbach 1029.) GALLEY,
GALÈRE.



FIG. 36.
GALLEYS, GALERIES, GALÉES,
(Van Yk 1074.)

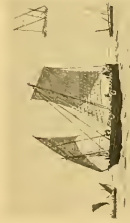


FIG. 35
ARABISCHE KAREBE,
ARABIAN CARIBE,
(Tunls.)



FIG. 37.
CARÈBE TUNISIEN,
TUNESISCHE KAREBE,
TUNISIAN CARIBE.



FIG. 38
GALEI,
GALLEY, GALÈRE,
(Louvre, Paris.)



RELIEF,
TURM ZU PISA.
(Siehe den doppelten
Vordersteven mit
der karebe.)

FIG. 39.

RELIEF, TOREN VAN PISA,
(Vergelijk dubbele voorsteven
met de karebe.)

RELIEF,
TOWER OF PISA.
(Compare the double
stem with the
karebe.)

RELIEF DE LA TOUR DE PISA,
(Comparez la double étrave
avec le carèbe.)



FIG. 40.
CARÈBE,
KAREBE, CARIBE.

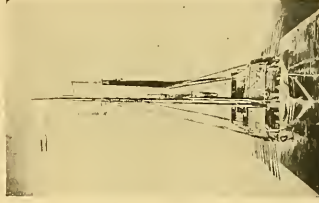
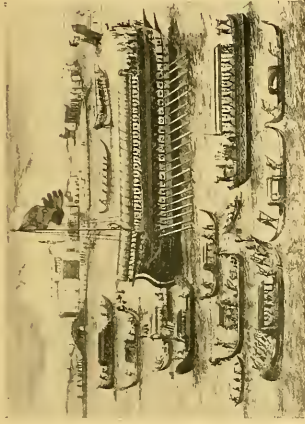


FIG. 41.
GALEI
GALLEY, GALÈRE,
(Louvre, Paris.)

SCHIPPEN VAN VENETIË,

« BOCENTAURE »

NAUIGES VENETIENS.



VENETIANISCHE SCHIFFE.

« BOCENTAUR »

VENETIAN VESSELS.



Fig. 43.

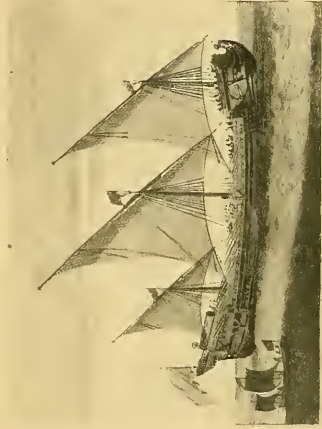


Fig. 42.

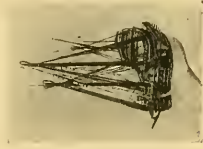


Fig. 44.

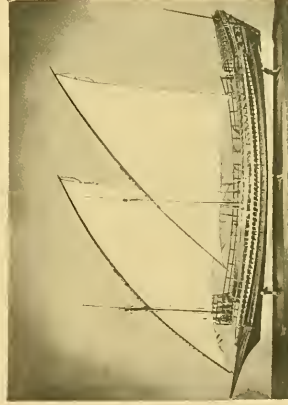


Fig. 46.

Fig. 45.
GALEASSE. GALLIES.

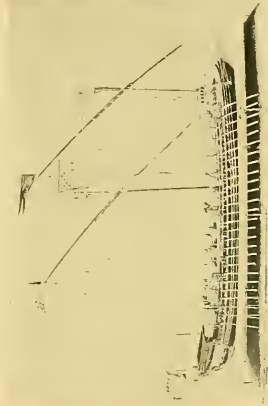


Fig. 47.

GALE. GALBERE, GALLEY. GALERE.
(Louvres, Paris.)



Fig. 48.
Chebec mit latinförmigen Segeln.
Schebecke mit lateinischen Segeln. 1750-1798. Xebec, with latin sails.
Chebec à voiles latines.



Fig. 49.
Chebec mystique.
Mystische Xebec. 1750-1798.

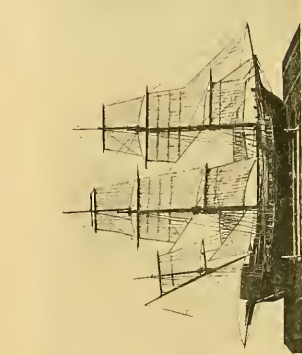


Fig. 50.
Chebec Polaire.
Polar Xebec. 1810.

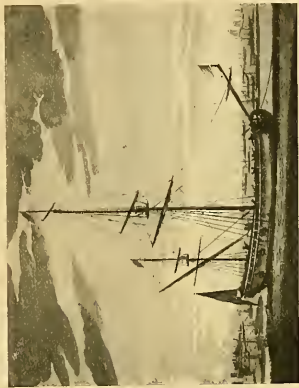


Fig. 51.
Bombardier Galioot — Bombardier-Galioot — Bomb Ketch. — Galioote à bombe.

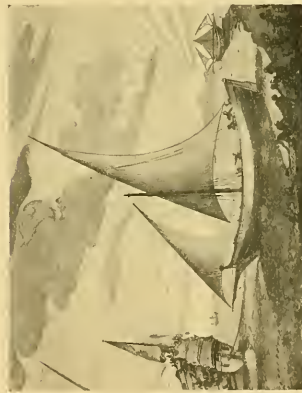


Fig. 52
Tartane.

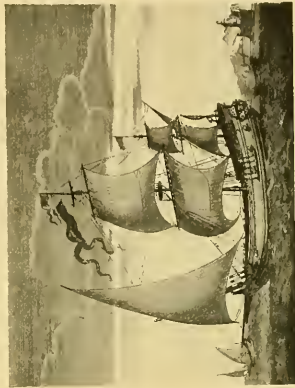


Fig. 53.
Polaier. — Polaire. — Polair.



Fig. 54.



Fig. 55.



Fig. 56.

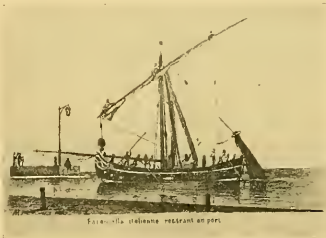


Fig. 57.



Fig. 58.



Fig. 59.



Fig. 60.

DE « SANTA MARIA » HET SCHIP VAN
COLUMBUS.

DIE « SANTA MARIA »
DES CHRISTOPH COLUMBUS

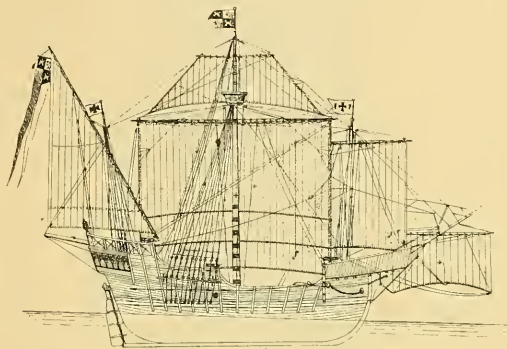


Fig. 61.

THE « SANTA MARIA »
OF CHRISTOPHER COLUMBUS.

LA « SANTA MARIA »
DE CHRISTOPHE COLOMB.

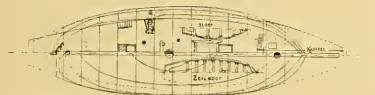


Fig. 62.

SANTA MARIA.



Fig. 64

(Van Vk.

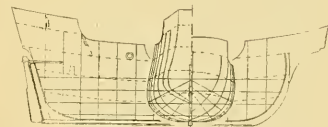


Fig. 63.

HOLMES : ANCIENT AND MODERN SHIPS, p. 182.



OOSTZEE

(Noordelijk Centrum).

OSTSEE

(Nördlicher Mittelpunkt).

BALTIC SEA

(Northern Centre).

MER BALTIQUE

(Centre Septentrional).

OUDE OPGEGRAVEN VIKINGERSCHEPEN



Fig. 72.



FIG. 73.

ANCIENT VIKING VESSELS (UNEARTHED)

ALTE WIKINGERSCHIFFE (AUSGEGRABEN)



FIG. 74.



FIG. 74.

ANCIENS NAVIRES DES VIKINGS (EXHUMÉS)

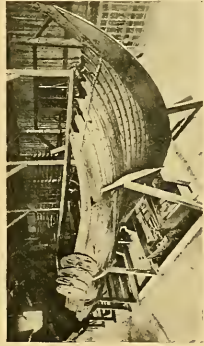
OUDE VIKINGERSCHIPPEN.

(Museum te Kristiania.)



ANCIENT VIKING VESSELS.

(Christiania Museum.)



ALTE VIKINGERSKIFFE.

(Museum von Christiania.)

ANCIENS NAVIRES DES VIKINGS.

(Musée de Christiania.)

Fig. 75.

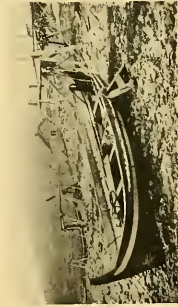


Fig. 76.



Fig. 77.



Fig. 78.

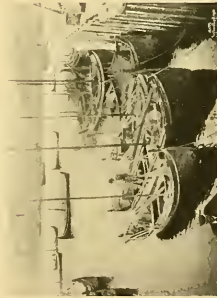


Fig. 79.

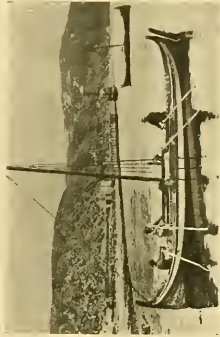


Fig. 80.

OOSTZEE EN BOTNISCHE GOLF

OOSTZEE UND BOTNISCHER MEERBUSEN

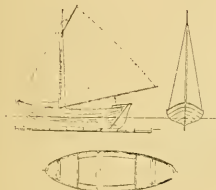


Fig. 81.



Fig. 82.



Fig. 83.

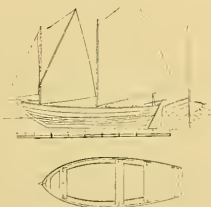


Fig. 84.



Fig. 85.

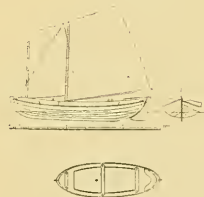


Fig. 86.

BALTIC SEA AND GULF OF BOTHNIA

MER BALTIQUE ET GOLFE DE BOTHNIE

VISCHERSVAARTUIGEN - OOSTZEE.



Fig. 87.

FISCHERFAHRZEUGE DER OSTSEE.



Fig. 88.

FISHING BOATS OF THE BALTIC SEA.



Fig. 89.

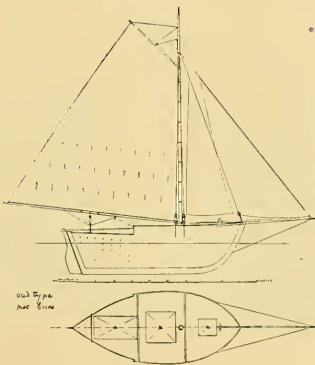


Fig. 90.

BATEAUX DE PÊCHE DE LA MER BALTIQUE.



Fig. 91.

VAERTUIGEN VAN LAPLAND, WAARMEDE DE STROOMVERSNELLINGEN BEVAREN WORDEN.

FAHRZEUGE VON LAPLAND, ZUM BEFAHREN DER STROMSCHNELLEN.



Fig. 92.



Fig. 93.



Fig. 94.

LAPLANDER BOATS USED FOR RUNNING THROUGH RAPIDS.



Fig. 95.

EMBARCATIONS DE LA LAPONIE, SERVANT A TRAVERSER LES RAPIDES.

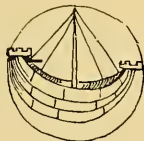


Fig. 96.
1200.



Fig. 97.

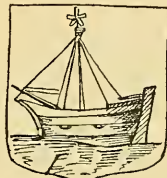


Fig. 98.
HARDERWYK.
14^e EEUW.

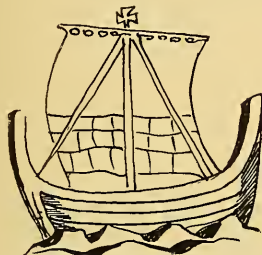


Fig. 99.
1437.



Fig. 100.
BOSTON 1375.



Fig. 101.
14^e EEUW.
14. JAHRHUNDERT. — 14TH CENTURY.
14^e SIECLE.

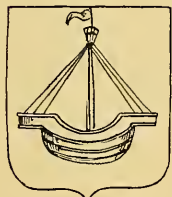


Fig. 102
13^e EEUW.

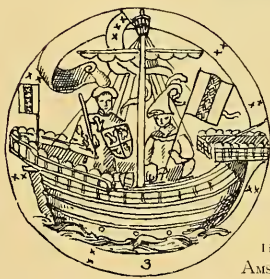


Fig. 300.
AMSTERDAM



15^e EEUW. — 15. JAHRHUNDERT. — 15TH CENTURY. — 15^e SIECLE.
KOGGESCHIP. — KOGGE. — COG. — COGUE.

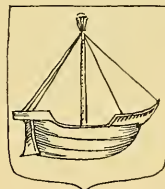


Fig. 104.
13^e EEUW.



Fig. 105.

13^e EEUW. — 13. JAHRHUNDERT.

13TH CENTURY. — 13^e SIECLE.



Fig. 106.

SIEGEL DER STADT POOLE.

SEAL OF THE TOWN OF POOLE.

SCEAU DE LA VILLE DE POOLE.



Fig. 107.

SIEGEL DER GRAFSCHAFT RUTLAND.

SEAL OF THE COUNTY OF RUTLAND.

SCEAU DU COMTE DE RUTLAND.



Fig. 108.

SIEGEL VON DAMME. — SEAL OF DAMME.

SCEAU DE DAMME.



Fig. 109.

13^e EEUW. — 13. JAHRHUNDERT.

13TH CENTURY. — 13^e SIECLE.

KOGGESCHIP. — KOGGE. — COG. — COGUE.



Fig. 110.

SIEGEL VON DOVER. — SEAL OF DOVER.

SCEAU DE DOUVRES.

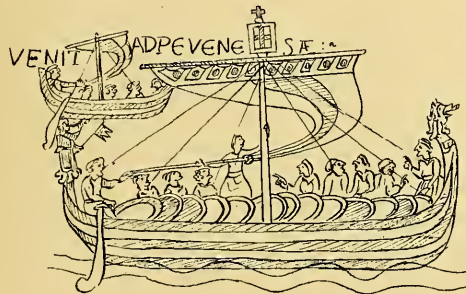


Fig. 112.

TAPIJTWERK VAN BAYEUX.

WANDTEPPICH 1066 BAYEUX
 VON BAYEUX. (HOLMES) TAPESTRY.

TAPISSERIE DE BAYEUX.

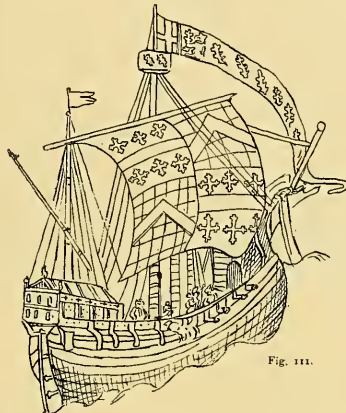


Fig. 111.

15^e EEUW.
 15. JAHRHUNDERT (HOLMES) 15TH CENTURY
 15^e SIÈCLE.

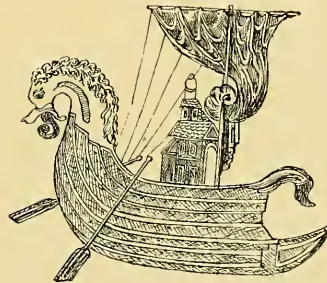


Fig. 113

900 NA CHR.
 VAN EEN OUDE ANGELSAXISCHE KALANDER.

900 NACH CHR. GEB. 900 A. C.
 NACH EINEM ALTEN (HOLMES) ACCORDING TO AN OLD
 ANGEL-SÄCHSISCHEN (ANGLO-SAXON
 KALENDER. CALENDAR.

900 APRÈS J.-CHR.
 D'APRÈS UN ANCIEN CALENDRIER
 ANGLO-SAXON.

SLAG OP DE MAAS (1351).

SCHLACHT AN DER MAAS (1351).

BATTLE OF THE MEUSE (1351).

BATAILLE SUR LA MEUSE (1351).

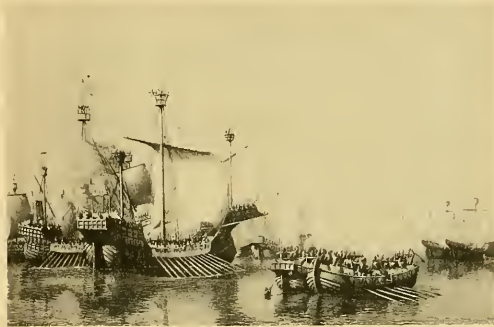


Fig. 114.



Fig. 115.

SLAG OP DE GOUWE (1304).

SCHLACHT AN DER GOUWE (1304).

BATTLE OF THE GOUWE (1304).

BATAILLE SUR LA GOUWE (1304).

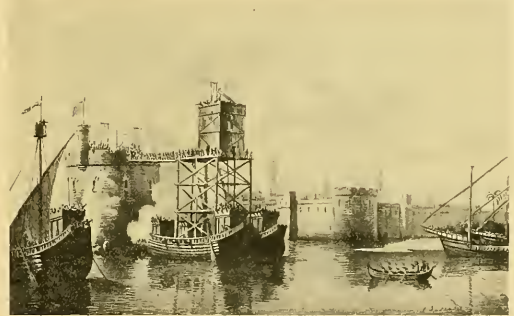


Fig. 116.

INNEMING VAN DAMIETE (1218).

(Naar Schotel.)

EINNAHME VON DAMIETTE (1218). TAKING OF DAMIETTE (1218).

(Nach Schotel.)

(According to Schotel.)

PRISE DE DAMIETE (1218).

(D'après Schotel.)

INLADING VAN TROEPEN.

(Miniatur van 1488.)

EMBARKING TROOPS.

(Miniature of 1488.)

Fig. 117.

VLAAMSCHÉ MINIATUUR, EINDE 15^e EEUW.

(Philips van Kleeff.)

FLÄMISCHE MINIATUR,

EINDE DES 15. JAHRHUNDERTS.

(Philipp von Cleve.)

FLEMISH MINIATURE,

END OF THE 15TH CENTURY.

(Philippe van Cleef.)

MINIATURE FLAMANDE, FIN DU 15^e SIÈCLE.

(Philippe de Cleves.)

Fig. 118.



Fig 118

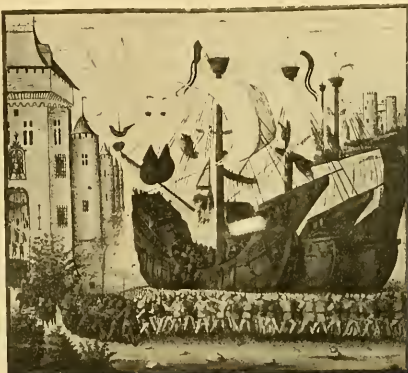


Fig. 117.

EINSCHIFFUNG VON TRUPPEN.

(Miniatur von d. J. 1488.)

EMBARQUEMENT DE TROUPES.

(Miniature de 1488.)

Fig. 117.

SCHIP MET 24 STUKKEN (1482).

(Miniatur.)

SCHIFF MIT 24 KANONEN (1482).

(Miniatur.)

24 GUN SHIP (1482).

(Miniature.)

NAVIRE AVEC 24 PIÈCES (1482).

(Miniature.)

Fig. 119.



Fig. 119.

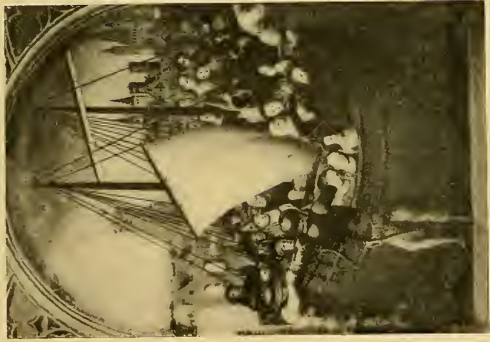


Fig. 120.



Fig. 121.

15^e EEUW.
 15. JAARHUNDERT. — 15th CENTURY.
 15^e SIECUL.

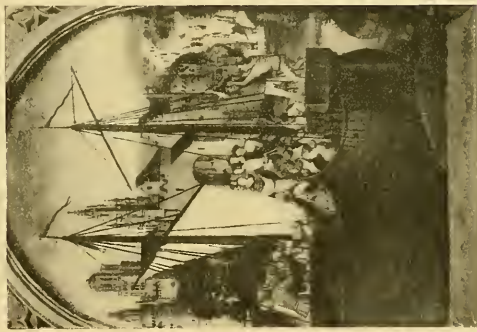


Fig. 122.

BRÜGGE : HOSPITAAL ST-JEAN.
 BRUGES : HOSPITAL St-JOHN. — BRUGES : St-JOHN'S HOSPITAL.
 BRUGES : HÔPITAL St-JEAN.



Fig. 123.

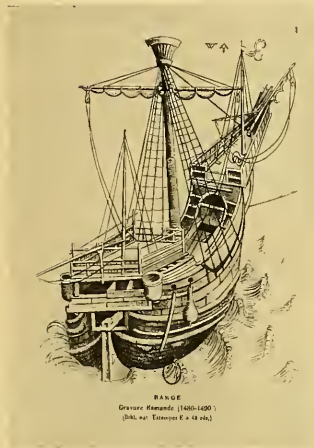


Fig. 125.



Fig. 124.

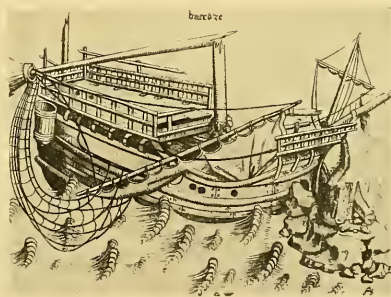


Fig. 126.

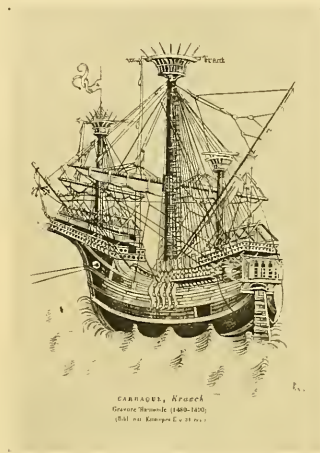


Fig. 127.

VLAAMSCHE GRAVUREN 15^e EEUW (MEESTER W. A.).

FLÄMISCHE STICHE AUS DEM 15. JAHRHUNDERT (MEISTER W. A.).

FLEMISH ENGRAVINGS OF THE 15TH CENTURY (W. A. MAITRE).

GRAVURES FLAMANDES DU 15^e SIECLE (MAÎTRE W. A.).

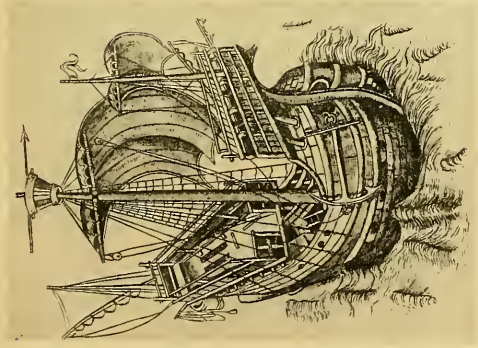


Fig. 126.

VLAAMSCHE GRAVUREN, 15^e EELW (MEESTER W. A.).

FLAMISCHE STICKE AUS DEM 15. JAHRHENDERT (MEISTER W. A.). FLEMISH ENGRAVINGS OF THE 15TH CENTURY (W. A. MEYER).

GRAVURES FLAMANDES DU 15^e SIECLE (MAITRE W. A.).

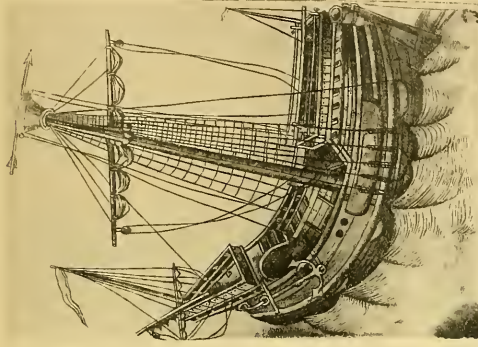


Fig. 127.

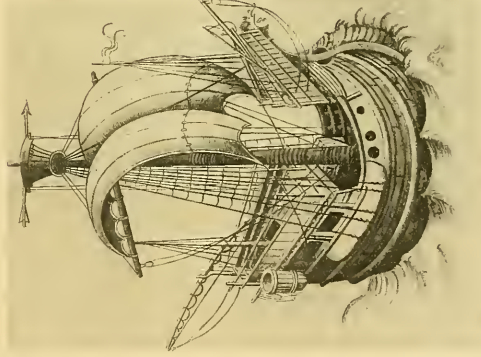


Fig. 128.

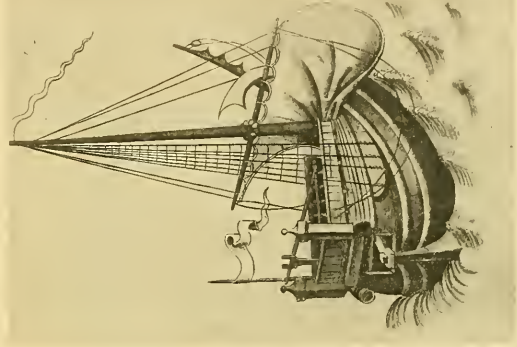


Fig. 129.

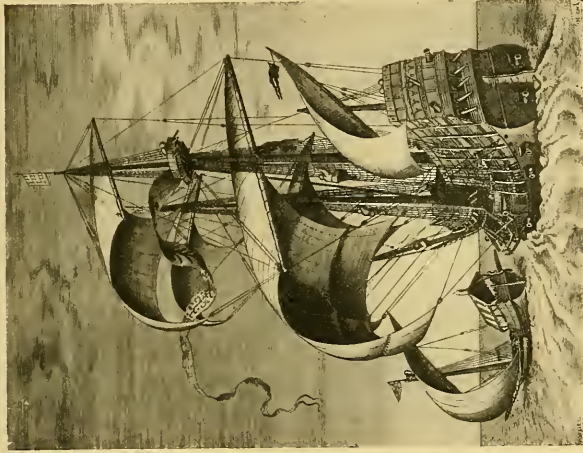


Fig. 132



Fig. 133

(Peugnet)

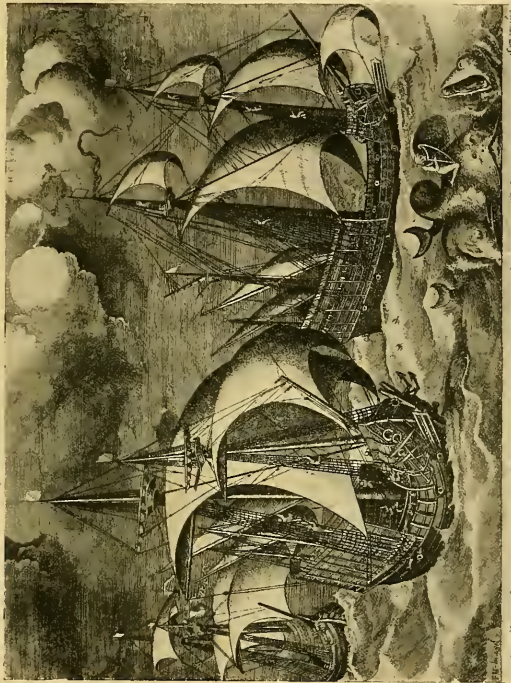


Fig. 134.

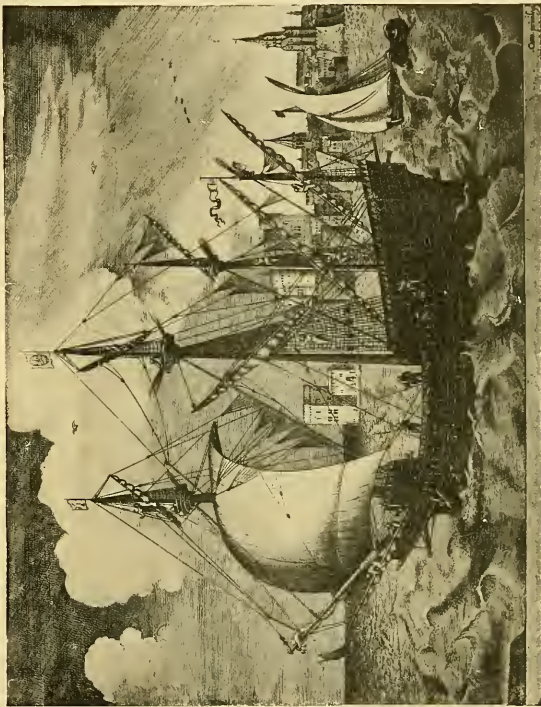


Fig. 135.

(Bengel)



Fig. 136.

JONAS TE WATER GELATEN (1518-1525).

Naarden (Holland).

JONAS IM WASSER GEWORFEN.

Naardeo (Holland).

JONAS CAST INTO THE SEA.

Naarden (Holland).

JONAS JETÉ A L'EAU (1518-1525).

Naarden (Hollande).

(H. Kleinmann en Co Haarlem)
Holland.



Fig. 137.

1500

SCHIP DER
DIEMERKERK.
(± 1500)
(Nicolas Witsen.)

BOAT FROM THE
CHURCH AT DIEMER
(± 1500)
(Nicolas Witsen.)



SCHIFF AUS DER
KIRCHE IN DIEMER.
(± 1500)
(Nicolas Witsen.)

BATEAU DE
L'ÉGLISE DE DIEMER
(± 1500)
(Nicolas Witsen.)

Fig. 138.

SCHIEPEN VOORKOMENDE OP EEN AFBEELDING VAN
GOUDA ± 1500



Fig. 139.

KONINKLIJK SCHIP
VAN ENGLAND
17^e EEUW.

KÖNIGLICHES SCHIFF
VON ENGLAND
17. JAHRHUNDERT.

ROYAL SHIP
OF ENGLAND
17TH CENTURY.

BATEAU ROYAL
D'ANGLETERRE
17^e SIECLE.



Fig. 140.

Naar Holbein.
Nach Holbein.
According to Holbein.
D'après Holbein.



Fig. 141.
1520

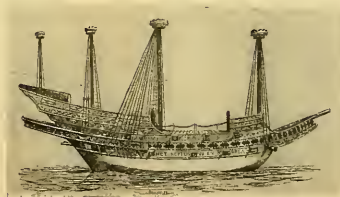


Fig. 142.
1523

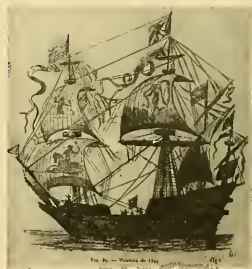


Fig. 143.
1594



Fig. 144.

HOLLÄNDISCHES SCHIFF. 1594. DUTCH SHIP. NAVIRE HOLLANDAIS.



Fig. 145.

VOOR ANTWERPEN (GALLEE). VOR ANTWERPEN (GALLERE). ± 1600 OFF ANTWERP (GALLERY). DEWANT ANVERS (GALLERE).



Fig. 14b.
1626

SCHIP VAN ADMIRAAL TROMP.

(Begin 17^e eeuw.)

SCHIFF DES ADMIRALS TROMP.

(Anfang des 17. Jahrhunderts.)

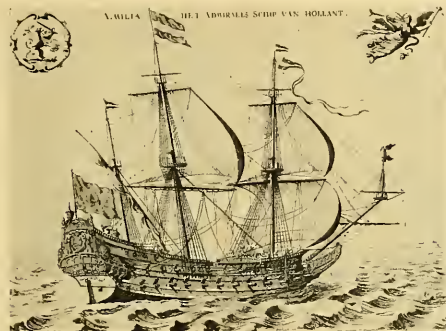


Fig. 147.

ADMIRAL TROMP'S SHIP.

(Beginning of 17th Century.)

VAISSEAU DE L'AMIRAL TROMP.

(Début du 17^e siècle.)

ALTES MODELL DER STADT ZIERIKZEE.

(Anfang des 17. Jahrhunderts.)



Fig. 148.

FLUIT, PLAAT VAN 1647.

FLÜTE, STICH AUS 1647. FLUTE, ENGRAVING OF 1647.

FLUTE, GRAVURE DE 1647.

SCHIP VAN ADMIRAAL DE RUYTER.

(Midden 17^e eeuw.)

SCHIFF DES ADMIRALS DE RUYTER.

(Mitte des 17. Jahrhunderts.)



De Admiral van de Republiek, De Ruyter, 1672.

Fig. 150.



Fig. 149.

OUDEMODEL VAN DE STAD ZIERIKZEE.

(Begin 17^e eeuw.)

OLD MODEL OF THE CITY OF ZIERICKZEE. ANCIEN MODÈLE DE LA VILLE DE ZIERICKZEE.

(Beginning of the 17th Century.)

(Début du 17^e siècle.)

ADMIRAL DE RUYTER'S FLAG SHIP.

(Middle of the 17th Century.)

VAISSEAU DE L'AMIRAL DE RUYTER.

(Milieu du 17^e siècle.)

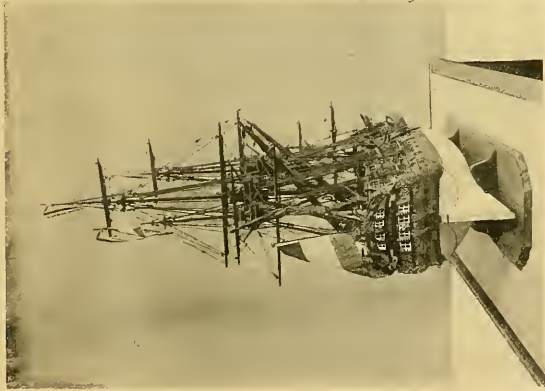


Fig. 151

SCHIFF DER OST-INDISCHEN COMPAGNIE
(Anfang des 18. Jahrhunderts).

O. I. COMPAGNIE SCHIP
(begin 18. eeuw).

SHIP OF EAST INDIA COMPANY
(beginning of 18th Century).

NAVIRE DE LA COMPAGNIE DES INDES
(commencement du 18^e siècle).

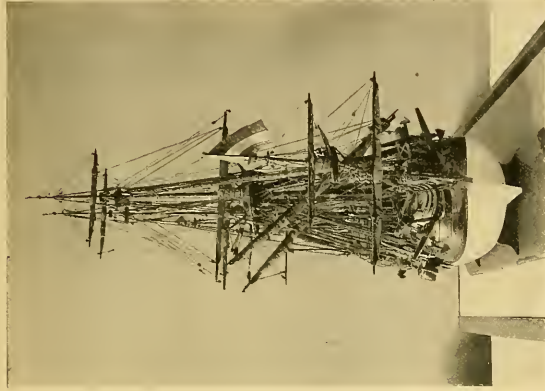


Fig. 152

Verzameling van
Mr. van Gijn, Dordrecht.

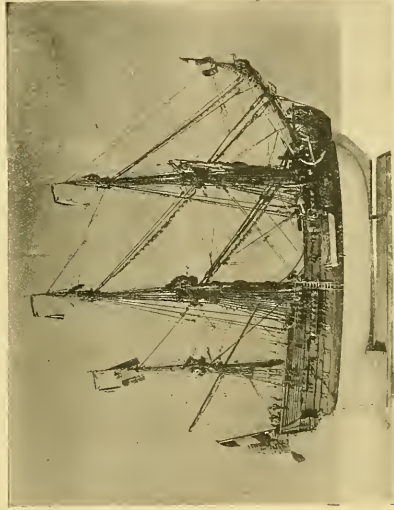


Fig. 153

Collection of Mr. van
Gijn, Dordrecht.

Sammlung des Herrn
van Gijn, Dordrecht.

Collection de M. van
Gijn, Dordrecht.

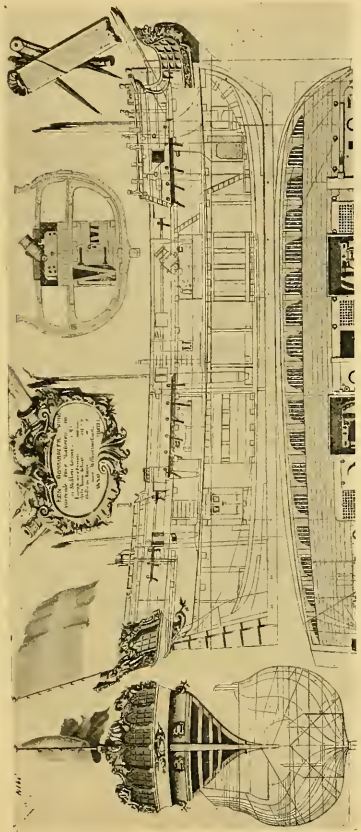


Fig. 154

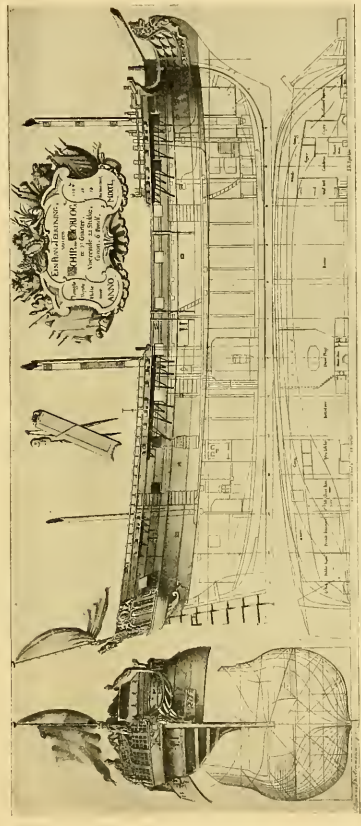


Fig. 155

KRIEGSSCHIFFE.
 SCHEPEN VAN OORLOG.
 1750.
 MAN OF WAR.
 VAISSEAUX DE GUERRE.

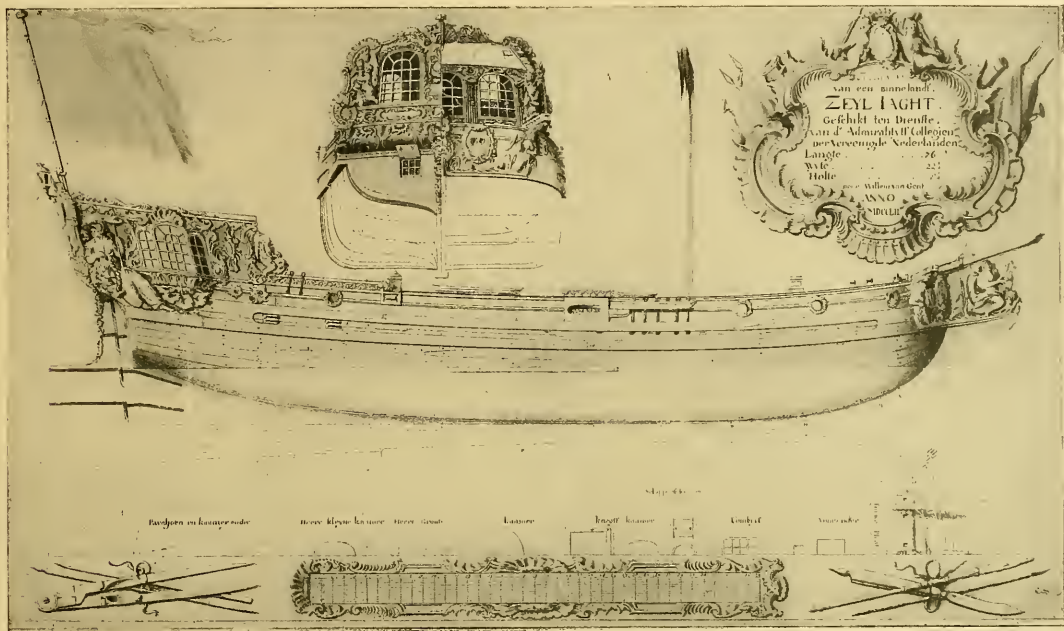


Fig. 150

ZEILJACHT
SEGELYACHT. 1752. SAILING YACHT.
YACHT A VOILES.



Fig. 157.

EGMONDERPINK.

1765

SCHIP VAN OORLOG

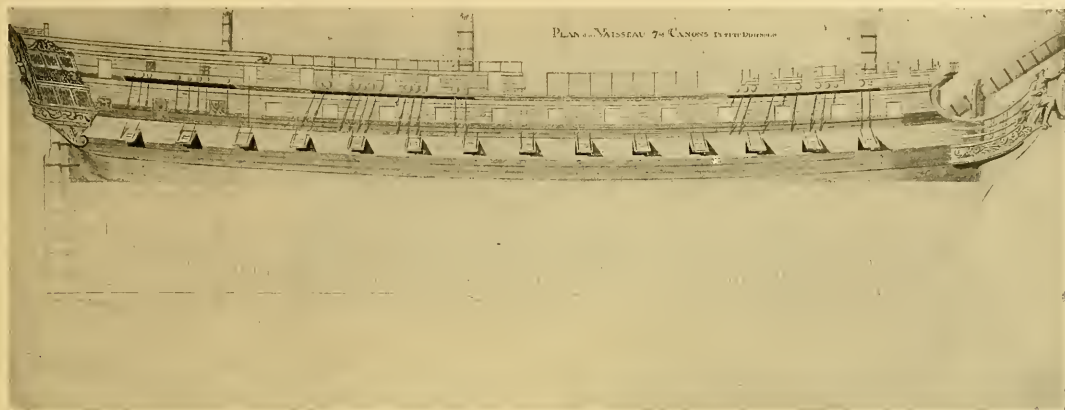


Fig 158.



Fig 159

SNAUSCHIP.
(Einde 18^e eeuw)

SCHNAUSCHIFF. RIND.
(Ende des 18. Jahrhunderts.) (End of the 18th Century.)

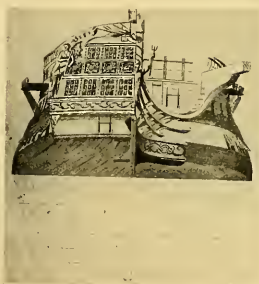


Fig 160.



(Begin 19^e eeuw)
(Anfang des 19. Jahrhunderts) (Beginning of 19th Century)
(Début du 19^e siècle.)

SENEAU.
(Fin du 18^e siècle.)

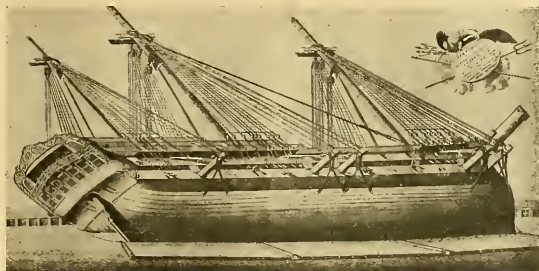


Fig. 161.

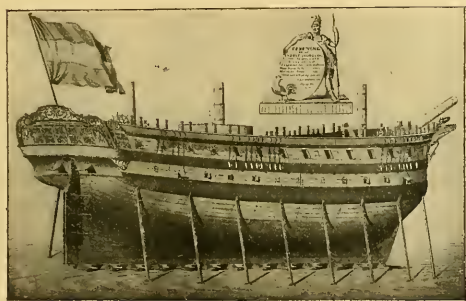


Fig. 162.

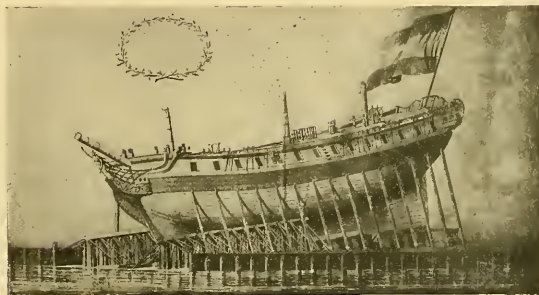


Fig. 163

ANFANG DES 19. JAHRHUNDERTS. BEGIN 19^e EEUW. BEGINNING OF THE 19TH CENTURY.
DÉBUT 19^e SIÈCLE.

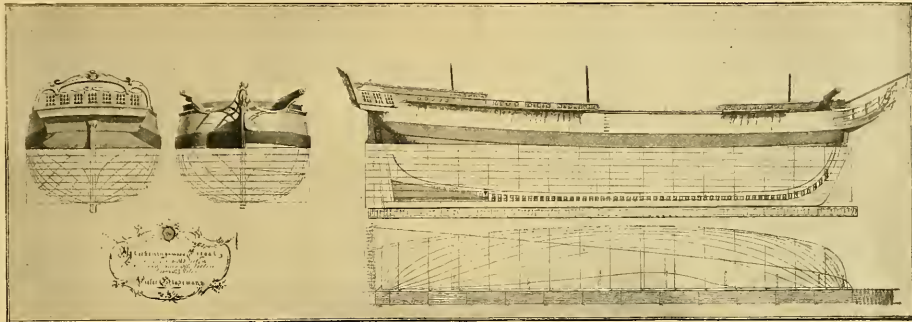


Fig. 164.



Fig. 165.

BEGIN 19^e EEUW.

ANFANG DES 19. JAHRHUNDERTS.

BEGINNING OF THE 19TH CENTURY.

DEBUT DU 19^e SIECLE.



Fig. 166.

1700

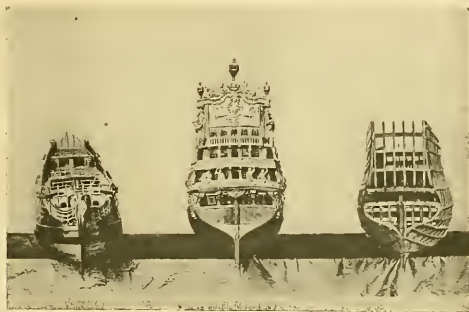


Fig. 167.

1780



Fig. 168.

1690

FRANKRIJK.

FRANKREICH.



Fig. 169.

1690

FRANCE.



Fig. 170.

1808-1827



Fig. 171.

1829



Fig. 172.

1804

FRANKRIJK.

FRANKREICH.

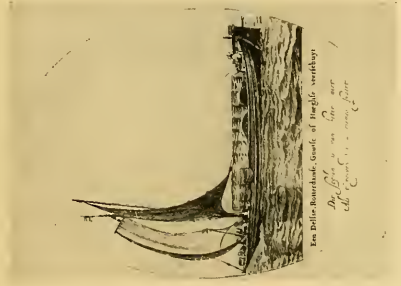


Fig. 173.

FRANCE.

1847

VERBESCHUIT.
BAC.
FAURE.
FERRY.



Ein Belle-Bouchard'sche Gegend, of Hengelt's overtooy.
*Das Boot von Belle-Bouchard
1811, 1812, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

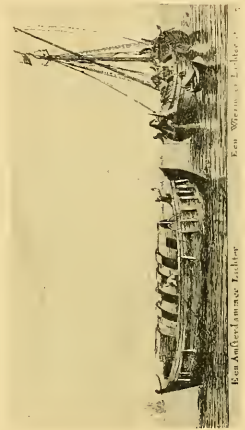
FIG. 175.



Ein Dantz'sche Overtooy von 1811.
*Das Dantz'sche Overtooy von 1811
1811, 1812, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

FIG. 174.

LICHTER.
LEICHTER.



Ein Aufgefahrene Leichter.

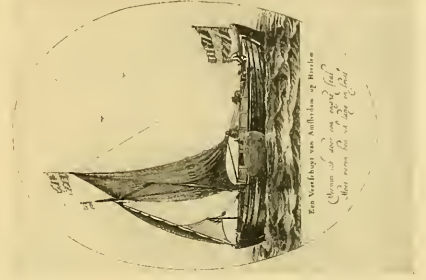
FIG. 176.

LICHTER.
ALLEGE.



Ein Leichter funder wall.
*Das Leichter funder wall
1811, 1812, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

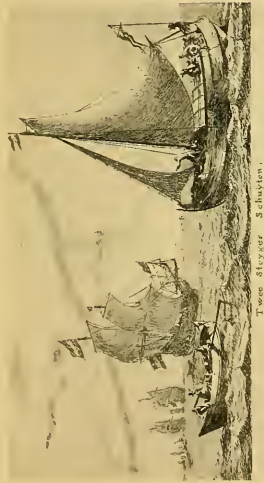
FIG. 177.



Ein Verfahrtes an Aufgefahrene an Hengelt's.
*Das Verfahrtes an Aufgefahrene an Hengelt's
1811, 1812, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.*

FIG. 178.

Begin 17 eeuw.
Anfang des
17. Jahrhunderts.
Beginning of the
17th Century.
Début 17^e siècle.



Drei Masten Schiffe

Fig. 179.

WATERSCHIP.

SEEKAMEEL.

WATERBOAT.

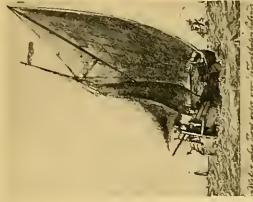
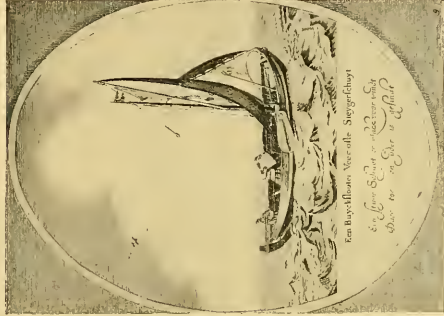


Fig. 180.

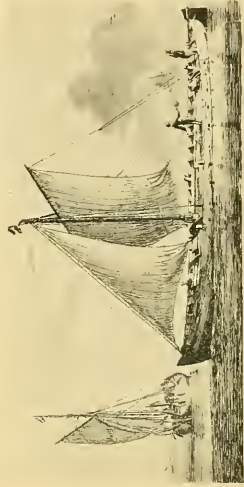
Begin 17^e eeuw.
Beginning of the 17th century.

Anfang des 17 Jahrhunderts
Début du 17^e siècle.



Van Brussellhouw Vergeefde Steygerschuyt
 die door de Schuyt van 220000 Gde
 Door de Schuyt van 220000 Gde

Fig. 181.



Van Waterfiden van Lijnfanden.

Van Brussel Vergeefde Schuyt.

Fig. 182.

STEYGERSCHUITEN.

KAAG.

Hov.

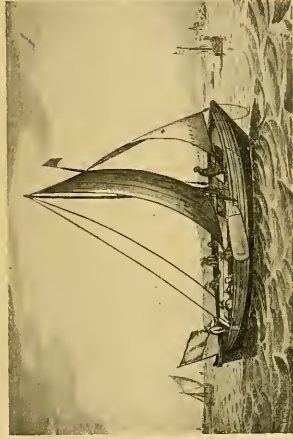


Fig. 183

KAAG.

CAGUE.



Fig. 184

ZEILJACHT.
SAILING YACHT.
YACHT A VOLLES.

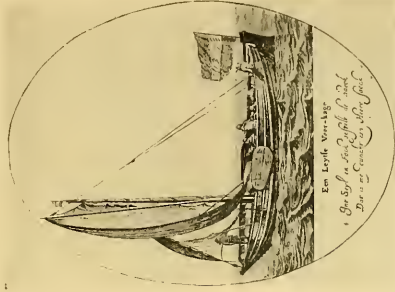


Fig. 185

Hov. — KAAG. — CAGUE.

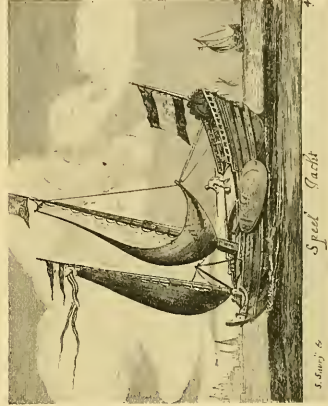


Fig. 186

SEEGELYACHT.
SAILING YACHT.
YACHT A VOLLES.



En Daghboot gaat ontbiedt & Lief

Fig. 187.
DOGHBOOT.

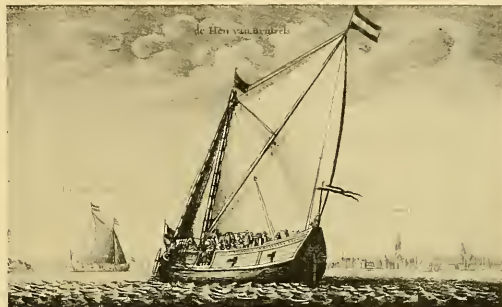


Fig. 188.
HEUDE (HEU).



de Heu van de Heu

Fig. 189.
HEUDE (HEU).



ZEEUWSCHE KOGGE.
ZELAND COG.

Fig. 190.

ZEELÄNDISCHE KOGGE.
COGUE ZELANDAISE.



Verrijkt vertijden groot ombord of Lill.

Fig. 101.



Een Boeyer groot ombord aa Lill.

Fig. 102.

BOEJERS.
 BUJER.
 BOYERS.
 BOEIJERS.
 TENDERS.

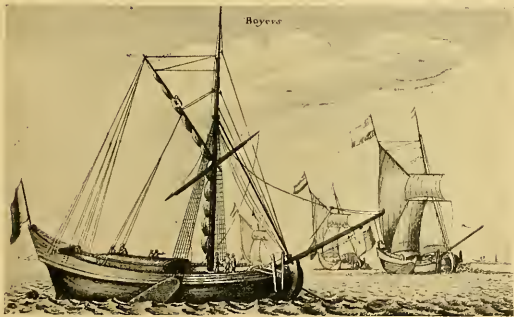
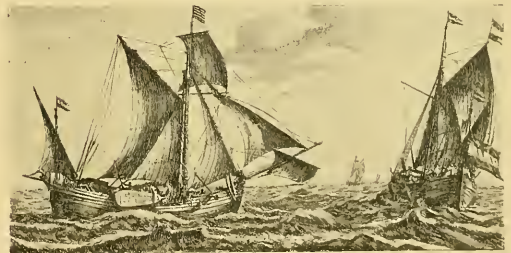


Fig. 103.



Een Boeyer.

Een Gahoot. 46

Fig. 104.

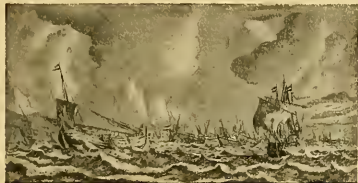


Fig. 195.

HARINGVLOOT OF ZEE.

HÄRINGSFLOTTE AUF SEE. HERRING-FLEET ON THE OPEN SEA.

FLOTTE POUR LA PÊCHE DU HARENG EN PLEINE MER.



Fig. 196.

BUYS DER ZUIDERZEE.

BUSE DES ZUIDERZEE. BUSE FROM THE ZUYDER-ZEE.

BUSE DU ZUIDERZEE.



Fig. 197.

BUYS. BUSE. BUSS. BUSE.



Fig. 198.

HARINGVLOOT IN ZEE.

HÄRINGSFLOTTE AUF SEE. HERRING FLEET ON THE OPEN SEA.

FLOTTE POUR LA PÊCHE DU HARENG EN PLEINE MER.



Een Ilove Vareken.

Een Waterschip of Zuerzele Visser.

Fig. 199.

WATERSCHIP.
SEKAMEEL. — WATERBOAT.



Tocht Schuyten of Sparendammer Visser.

Fig. 200.

TOCHTSCHIP. — TRECKSCHUTE.



Overyssele Potten, groot varend op Zee.

Fig. 201.

OVERYSSELSCHÉ POT.
TOP AUS OVERYSSEL. — POT FROM OVERYSSEL.
POT DE L'OVERYSSEL.



DE WALVISCHEVAARDER.

Fig. 202.

WALVISCHEVAARDER.
WALFISCHFÄNGER. — WHALE BOAT.
BALEINIÈRE.

LIJKBAREN VAN WORKUM, WAAROP DE SCHEPEN DER ZUIDERZEE ZIJN AFGEBEELD (1600).
SÄNFTE VON WORKUM, AUF DENEN DIE SCHIFFE DER ZUIDERZEE DARGESTELLT SIND (1600).



Fig. 203.



BIERS AT WORKUM, ON WHICH ARE SHOWN VESSELS OF THE ZUIDER-ZEE (1600).
CIVIÈRES A WORKUM, SUR LESQUELLES ON A REPRÉSENTÉ LES NAVIRES DU ZUIDERZEE (1600).



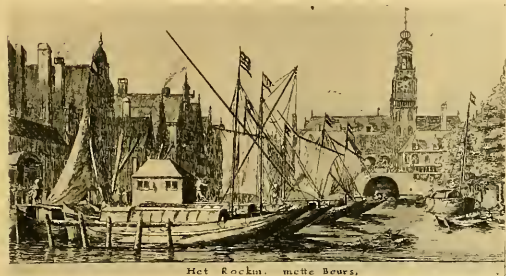
Fig. 203.



Fig. 203.



A° 1600.



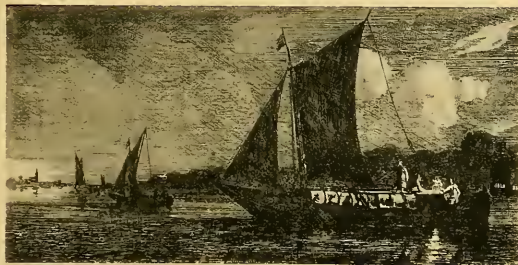
Het Rocken met de Beurs.

Fig. 204.



Haarlem's laaggebuytes.

Fig. 205.



Haeg's Delt en Rotterdam's Nieuw Schuyten.

Fig. 206.



Den Ouerboom.

Fig. 207.

OUDE HERN.

(Verzameling M. Van Gijn, Dordrecht.)

OLD HERN.

(Collection of Mr. Van Gijn, Dordrecht.)



ALTE HERN.

(Sammlung des Herrn Van Gijn,
Dordrecht.)

ANCIEN HERN.

(Collection de M. Van Gijn, Dordrecht.)

Fig. 208.



Fig. 209.

TURFSCHIP. TOKSCHIFF. TURF BOAT. BATEAU TOURBIER.



Fig. 210.

SMALSCHIP.



« BEURTSCHIFF ».
(Aleriumsmuseum in Dordrecht.)



Fig. 211.

BEURTSCHIP.
(Museum van oudheden te Dordrecht.)
(Paviljoen Poon.)

« BEURTSCHIP ».
(Museum of antiquities at Dordrecht.)



« BEURTSCHIP ».
(Musée d'antiquités de Dordrecht.)

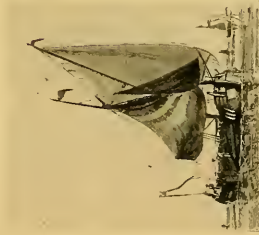


Fig. 212.
DAMLOOPER.

KAT.

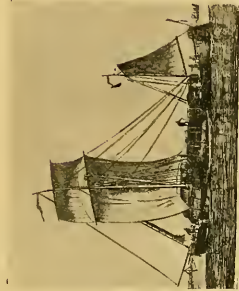


Fig. 213.
EEN SAMOREUS OF KEULENAAR.
UN « SAMOREUS » OU « KEULENAAR ».

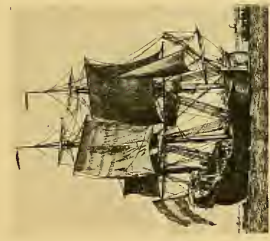


Fig. 217.
KAT.



Fig. 214.
EEN SAMOREUS OF KEULENAAR.
UN « SAMOREUS » OU « KEULENAAR ».

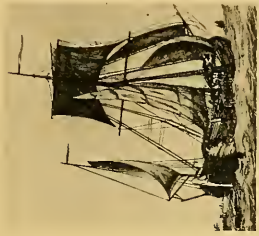


Fig. 215.
SMACK.
SCHMACK.
SEMAQUE.

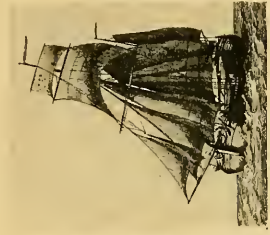


Fig. 216.
KOFF.

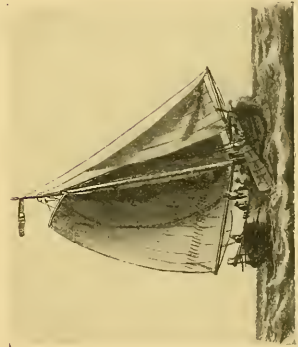


Fig. 219.
SCHOOTSCHUIT.

SCHUTE ZUM SCHOLLENFANG.
BOAT FOR SOLE FISHERY.
BARQUE POUR LA PÊCHE DE LA SOLE.

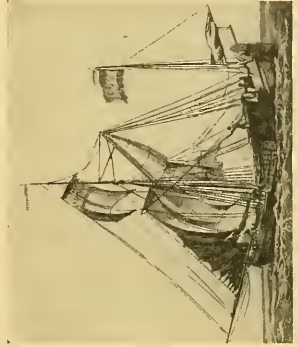


Fig. 210.
SMACK.
SEMAQUE.

SCHMACK

SMACK.



Fig. 220.

SCHOLSCHUIT.
SCHÜTE ZIM SCHOLLENFANG. BONT FOR SOLE FISHERY.
BARQUE POUR LA PÊCHE DE LA SOLE.



Fig. 221.

KOOPVAARDBUIS.
KAUFFAHRTIG-BÜSE. MERCHANT BARGE.
BUSE MARCHANDE.

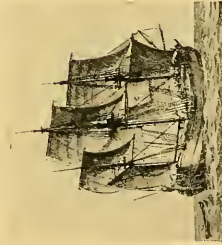


Fig. 225.

DRIEMAST GALLJOET.
GALLOTT MIT DREI MASTEN.
THREE MASTED GALLOTT.
GALLOTE A TROIS MÂTS.



Boysconvoyer
mit
Holländischer
Büsen
von
1800
1810
1820
1830
1840
1850
1860
1870
1880
1890
1900

Fig. 222.

BOYSCONVOYER.
GELEITSCHIFF FÜR BÜSEN.
CONVOY-SHIP FOR BUSES.
CONVOYEUR DE BUSES.

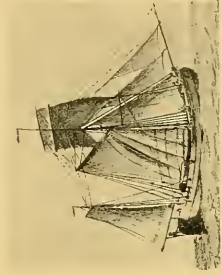


Fig. 226.

ENNAST GALLJOET.
GALLOTT MIT EINEM MAST.
SINGLE MASTED GALLOTT.
GALLOTE A UN MÂT.

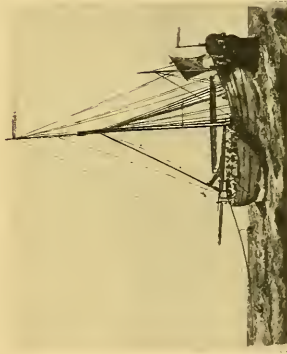


Fig. 223.

BOYS (ENKHOIZEN) DE VLEET INHALENDE.
BÜSE VON ENKHOIZEN DIE NETZE EINZIEHEND.
ENKHOIZEN BARGE TAKING IN NETS.
BUSE D'ENKHOIZEN RENTRANT SES FILETS.



Fig. 224.

BOYS (VLAARDINGEN) DE VLEET UITSCHIELENDE.
BÜSE VON VLAARDINGEN DIE NETZE AUSZIEHEND.
VLAARDINGEN BARGE CASTING NETS.
BUSE DE VLAARDINGEN LANÇANT SES FILETS.

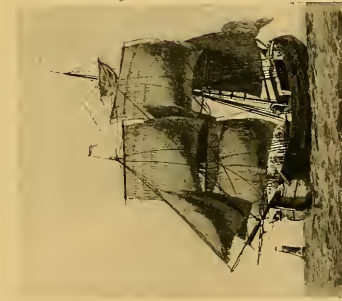


Fig. 297.

HOEKER MET BARKENTJUNSTUIG.
HOKER MIT BERKENTAKELUNG. BARK RIGGED HOWKER.
HOURQUE AVEC GRÉEMENT DE BARQUE.

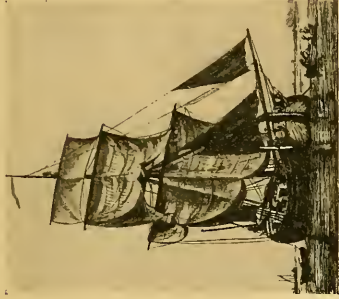


Fig. 298.

HOEKER.
HOKER.
HOURQUE.



Fig. 291.

BOYS.
BOUSE.
BOSS.
BOUSE.

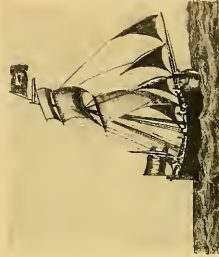


Fig. 292.

JAGER.
CHASER.
JAGER.
CHASSEUR.



Fig. 299.

VISCHHOEKER.
FISCHHOKER.
FISHING HOWKER.
HOURQUE DE PÊCHE.



Fig. 299.

DRIEMAST HOEKER.
HOKER MIT 3 MASTEN. THREE MASTED HOWKER.
HOURQUE A 3 MATS.

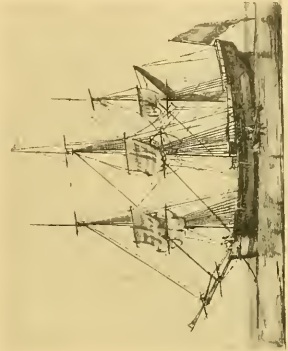


Fig. 293.

PINKSCHUP.

Fig. 231.



MODELL EINES HUKERS.

(Sammlung des Herrn van Gijn, Dordrecht).



MODEL VAN EEN HOEKER.

(Verzameling van M^r van Gijn, Dordrecht).

MODEL OF A HOWKER.

(Collection of M. van Gijn, Dordrecht).



MODELE D'UNE HOURQUE.

(Collectie van de M. van Gijn, Dordrecht).

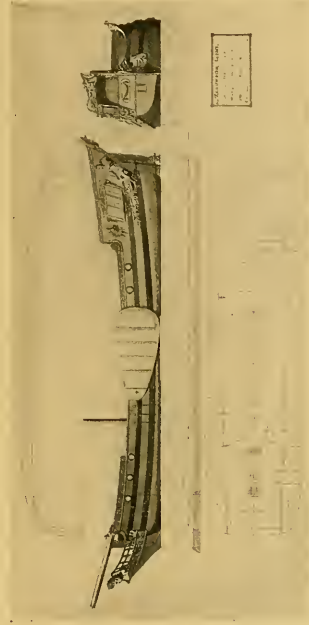


Fig. 285
ZEEUWSCH YACHT. ZEELÄNDISCHE YACHT. ZELAND YACHT. YACHT ZEELANDAIS.

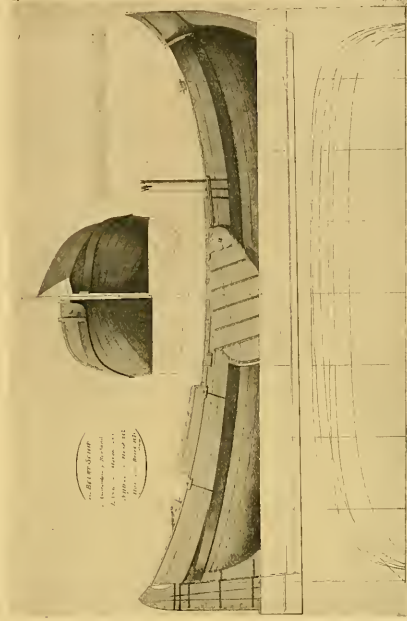


Fig. 286.
BECHTSCHIP. (POON)

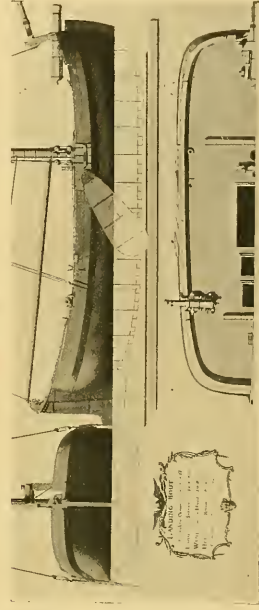


Fig. 287.
LANDINGBOOT. LANDING BOAT. BATEAU DE DÉBARQUEMENT.



Fig. 238.

SEESCHIP MET ZEEKAMEEL DOOR WATERSCHEEPJES OVER HET PAMPUS GETROKKEN.
ZEESCHIFF VON WASSERSCHIFFEN (SEEKAMEELEN) ÜBER DEN PAMPUS GESCHLEPPT.
SEA-GOING SCHIP FLOATED OVER THE PAMPUS SHOAL ON « SEA CANNELS ».

BATIMENT DE MER PORTÉ PAR UN « ZEEKAMEEL » REMORQUÉ PAR DES
« WATERSCHEEPJES » AU-DESSUS DE PAMPUS.



Fig. 239.

GALEAS.

GALEASSE.

GALLIASS.

GALEASSE.



Fig. 240.

SNIK.



Fig. 241.

EVER.



Fig. 242.

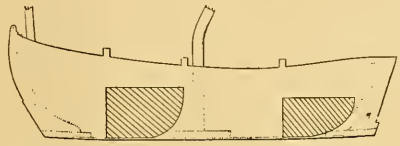


Fig. 243.

SCHUIT VAN BLANKENBERGHE.
SCHUTE VON BLANKENBERGHE. BLANKENBERG BOAT.
BARQUE DE BLANKENBERGHE.



Fig. 244.

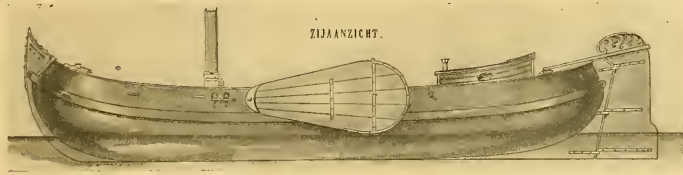
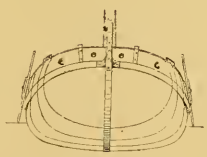
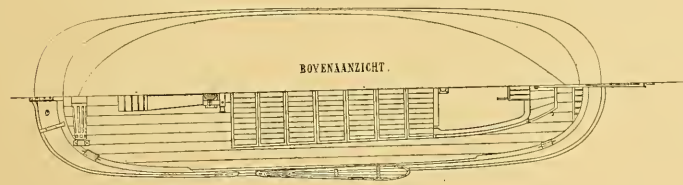


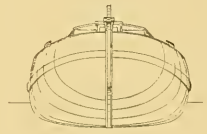
Fig. 245.
BLOKZIJLDER JACHT.



VOORAANZICHT
VORDERANSICHT FRONT VIEW
VUE D'AVANT



BOVENAANZICHT.
PLAN. AUF SICHT.



ACHTERAANZICHT
HINTERANSICHT STERN VIEW
VUE D'ARRIERE



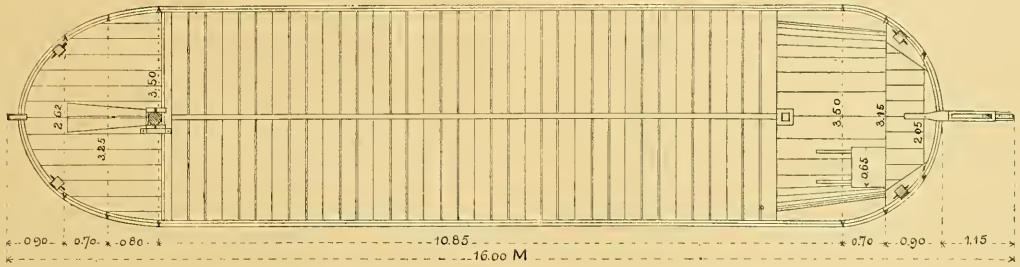
SLIJKPRAAM.

BAGGERPRAAM.

(GRONINGEN)

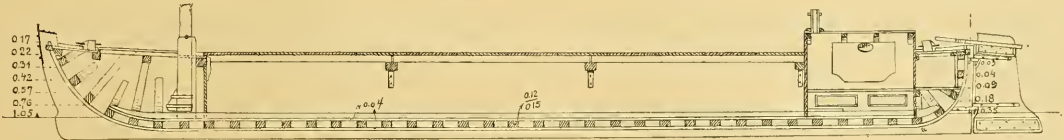
DREDGING BARGE.

CHALAND DE DRAGAGE.



16.00 M

Fig. 246



0.17
0.22
0.31
0.42
0.57
0.76
1.55

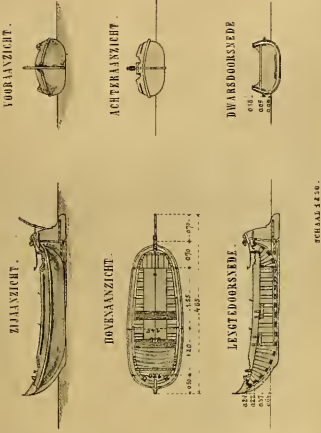
0.05
0.15

0.12
0.15
0.12

0.23
0.04
0.09
0.18
0.35

FRIESCH BOOTJE.
 FREESCHES BOAT.
 SMALL FRISSIAN BOAT.
 BARQUETTE FRISONNE.

FRIESCH BOOTJE.



Setemaansicht.
 Side view.
 Vue de côté.

Aufacht.
 Plan.

Längsschnitt.
 Longitudinal section.
 Coupe longitudinale.

Vorderansicht.
 Front view.
 Vue de face.

Hinteransicht.
 Stern view.
 Vue postérieure.

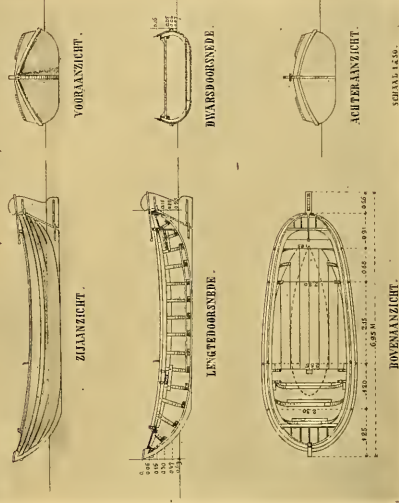
Querschnitt.
 Cross-section.
 Coupe transversale.

FORALSSEN.

Fig. 247.

YLSTERBOOT.
 BOAT FROM THE YLSTER.
 BATEAU DE L'YLSTER.

YLSTERBOOT.



Setemaansicht.
 Side view.
 Vue de côté.

Längsschnitt.
 Longitudinal section.
 Coupe longitudinale.

Vorderansicht.
 Front view.
 Vue de face.

Querschnitt.
 Cross-section.
 Coupe transversale.

Aufacht.
 Plan.

Hinteransicht.
 Stern view.
 Vue postérieure.

SCALE 1:250.

Fig. 248.





Fig. 257.
YZEREN KLIPPER SCHIP.

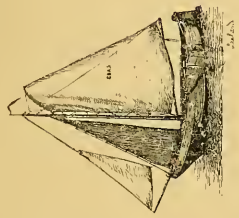


Fig. 258.
HENGST.



Fig. 252.
YZEREN KLIPPER SCHIP.



Fig. 259.
SCHUIT.



Fig. 254.
SCHUIT.

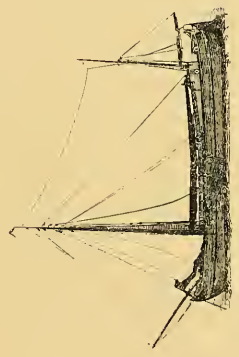


Fig. 253.
OTTER.



Fig. 255.
BOEIER.

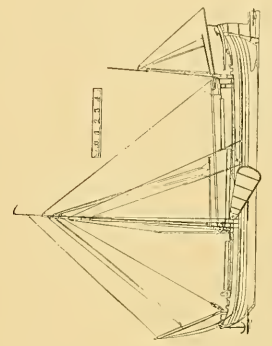


Fig. 256.
HOLLANDSCHE AAK.

BELGISCHE SCHEPEN.

BELGISCHE SCHIFFE. — BATEAUX BELGES. — BELGIAN CRAFT.

Prahm des Kanals von Charleroi. — Baquet du Canal de Charleroi. — Baquet from the Charleroi Canal.



Fig. 257.

PINASSE VON TOURNAI. — PÉNICHE DE TOURNAI. — TOURNAI BARGE.



Fig. 258



LEICHTER. — BARGE. — CHALAND.



Fig. 259



BILANDER. — BALINGER. — BÉLANDRE.



Fig. 260.



SPITS. — POINTED. — POINTU (SPITS).



Fig. 261.



POINTU (SPITS).



Fig. 262



TYPE MIT KUGELFORMIGEN RUMPF. — TYPE A CUL SPHÉRIQUE.



Fig. 263



TYPE MIT ZYLINDRISCHEN RUMPF. — TYPE A CUL CYLINDRIQUE.



Fig. 264



FRANZÖSISCHE SCHIFFE. — BATEAUX FRANÇAIS.
FRENCH VESSELS.

FLUÏE. — FLIGHT.



Fig. 265.



Nach den Ingenieur A. Dehem. — According to Engineer A. Dehem.
D'après l'ingénieur A. Dehem.
Annales des Travaux publics de Belgique.
Tome VI, août 1901.

TYPE VAN DE SCHELDE.
TYP VON DER SCHELDE. — TYPE OF THE SCHELDEI. — TYPE DE L'ESCAUT.

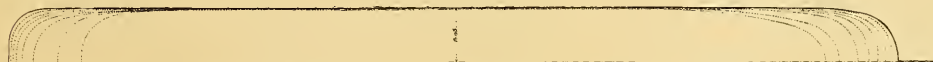


Fig. 266.

TYPE - DORTMUND-EMSKANAAL.



Fig. 267.



SCHIFFSTYPER VOM DORTMUND-EMS-KANAL. — TYPES OF BOATS ON THE DORTMUND-EMS-CANAL.
TYPES DE BATEAUX DU CANAL DE DORTMUND A L'EMS.



Fig. 268.





Fig. 266.

LOGGER MET WESTLANDER.
LOGGER WITH WESTLANDER.
LOGRE AVEC WESTLANDER.



Fig. 270.

BOM.
LOGGER, LOUGRE.
(VLAARDINGEN.)

Op welke wijze eert-
tijds de Scheveningsche
Bommen in zee werden
gebracht.



FORMER LAUNCHING OF
« BOMMEN » AT SCHEVE-
NING.

Wie die Bommen von
Scheveningen früher
zu Wasser gebracht
wurden.

MISE EN MER DE JADIS
DES « BOMMEN » DE SCHE-
VENINGUE.

Fig. 271.



Fig. 272.

OUDE KUTTER.
ALTER KUTTER. OLD-TIME CUTTER.
ANCIEN CUTTER.



Fig. 273.

HOOGAARS.



Fig. 274.

OUDE MODDERMOLEN.
ALTER KUTTER. OLD TIME DREDGE.
ANCIEN CURE-MÔLE.

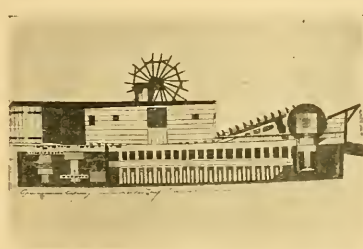


Fig. 275.

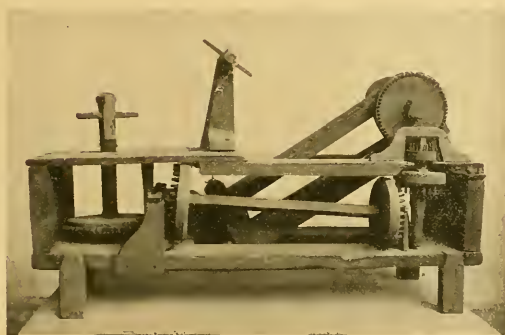


Fig. 276.

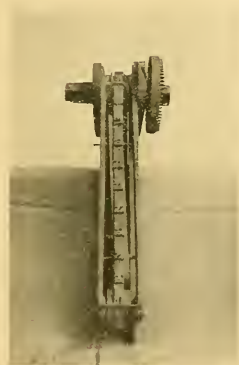


Fig. 277.

MODEL MODDERMOLEN (STADHUIS TE HOORN).
MODELL-KUTTER. HOORN. MODEL OF A DREDGE.
MODELE D'UN CURE-MÔLE (HÔTEL DE VILLE DE HOORN).





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v. 2 Shipbuilding from its beginnings.