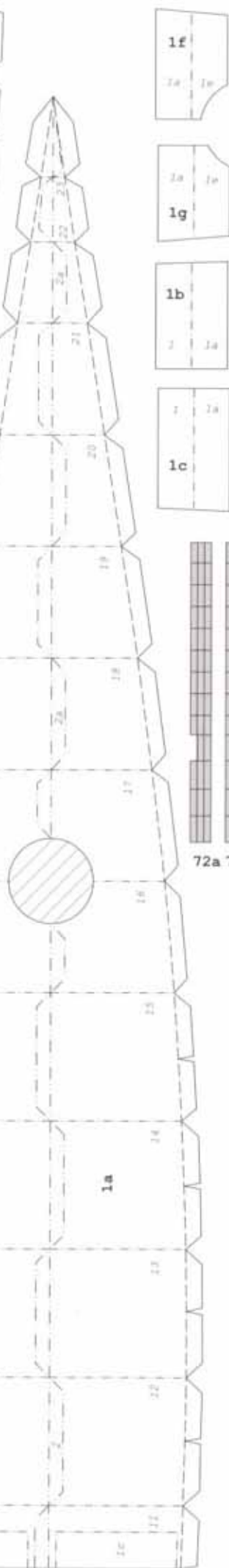
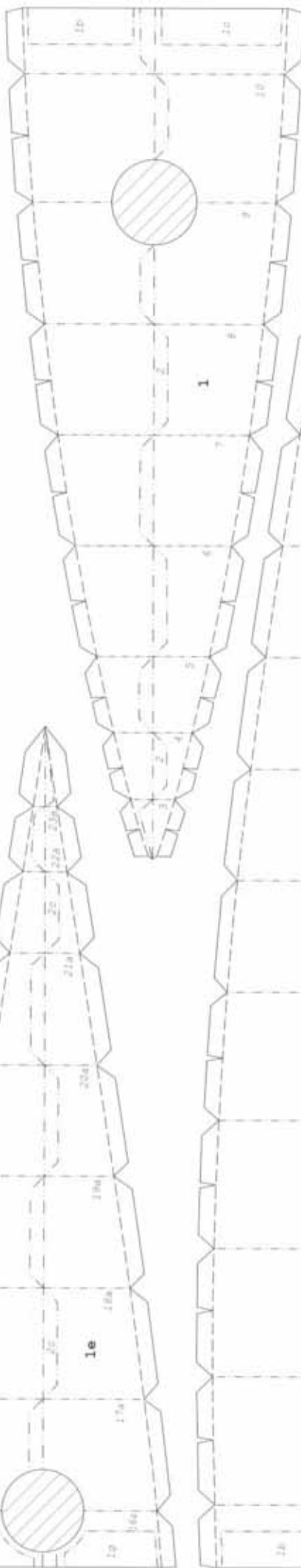
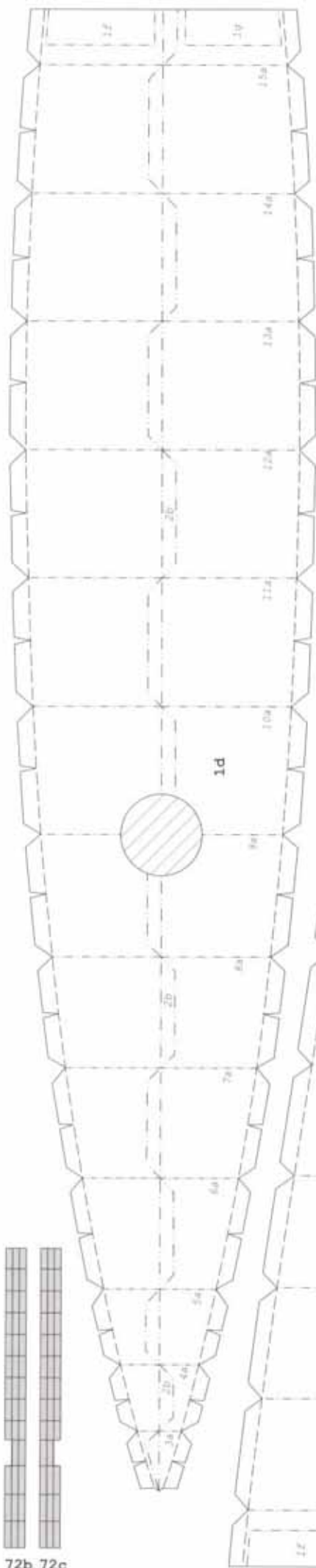
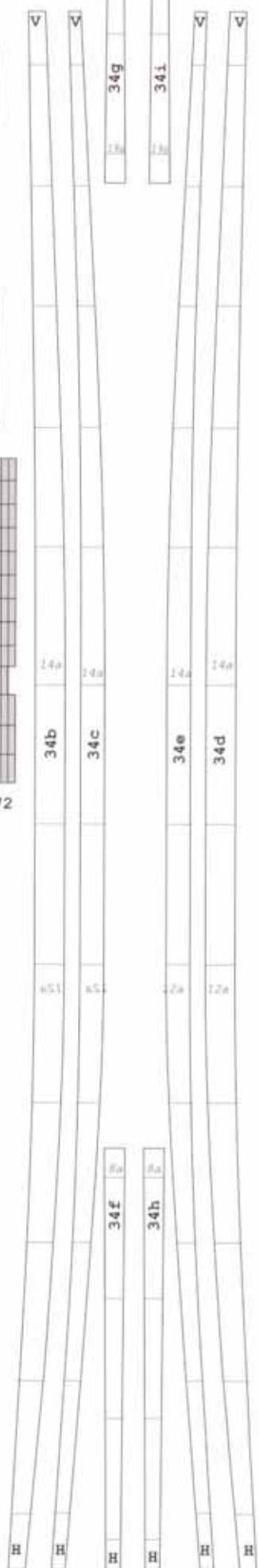
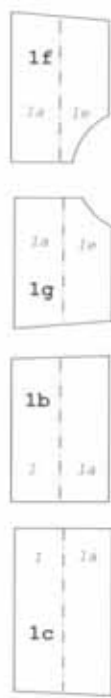
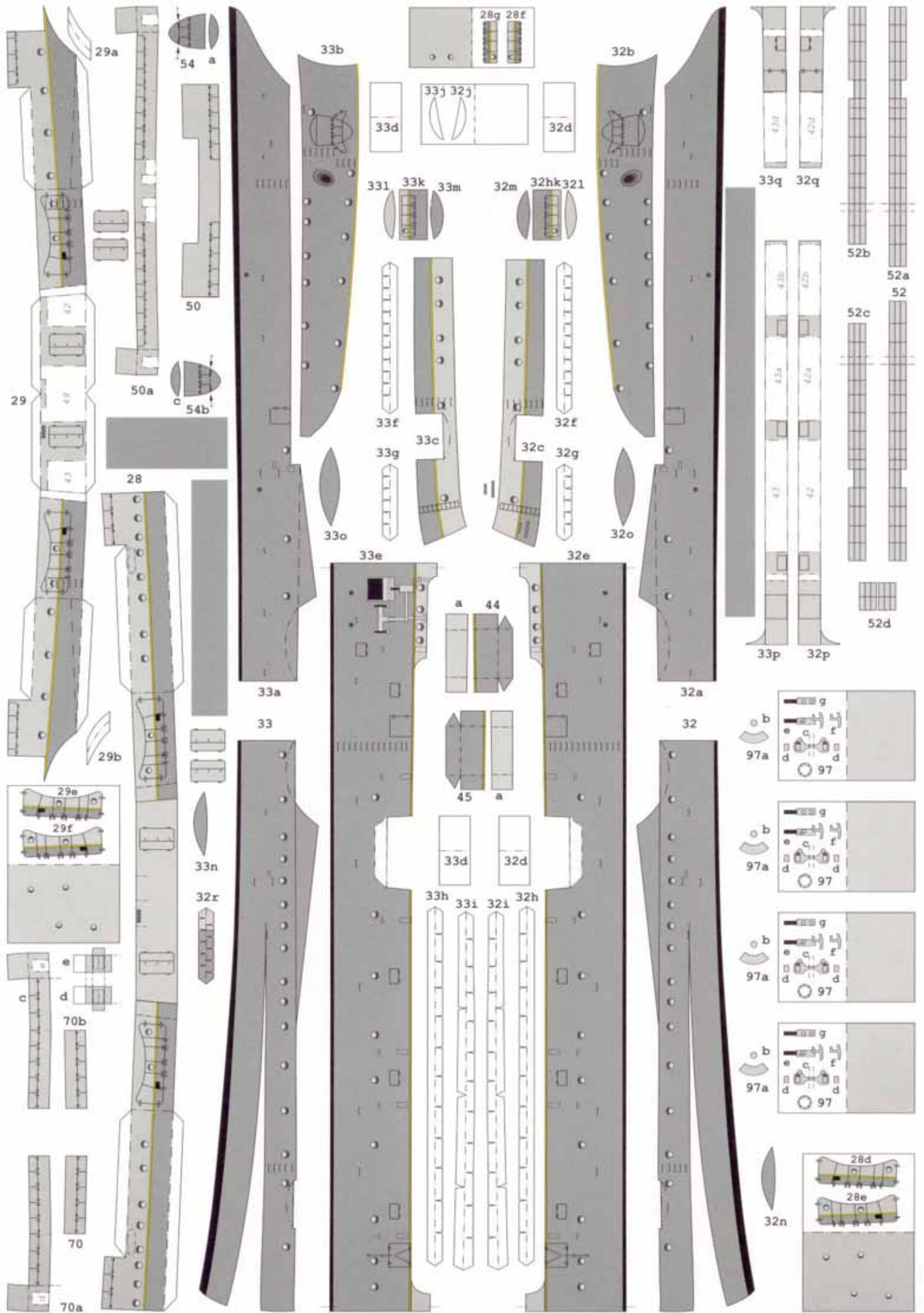


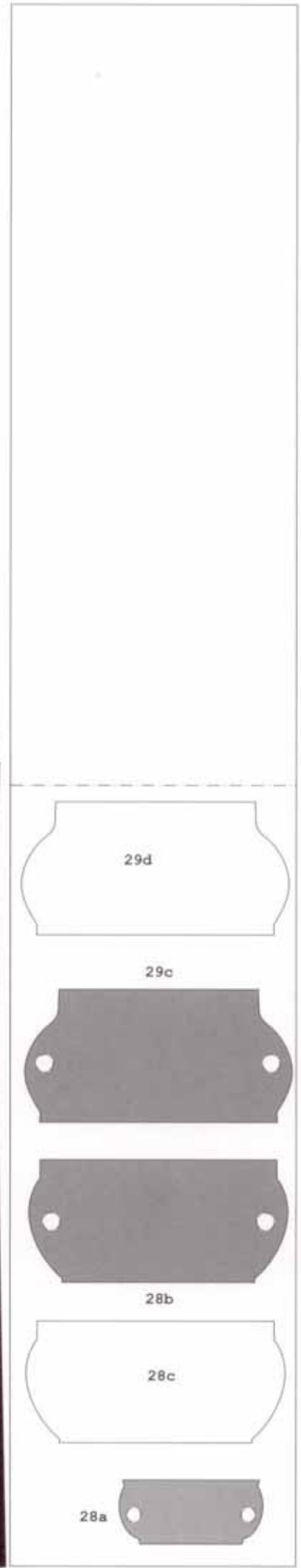
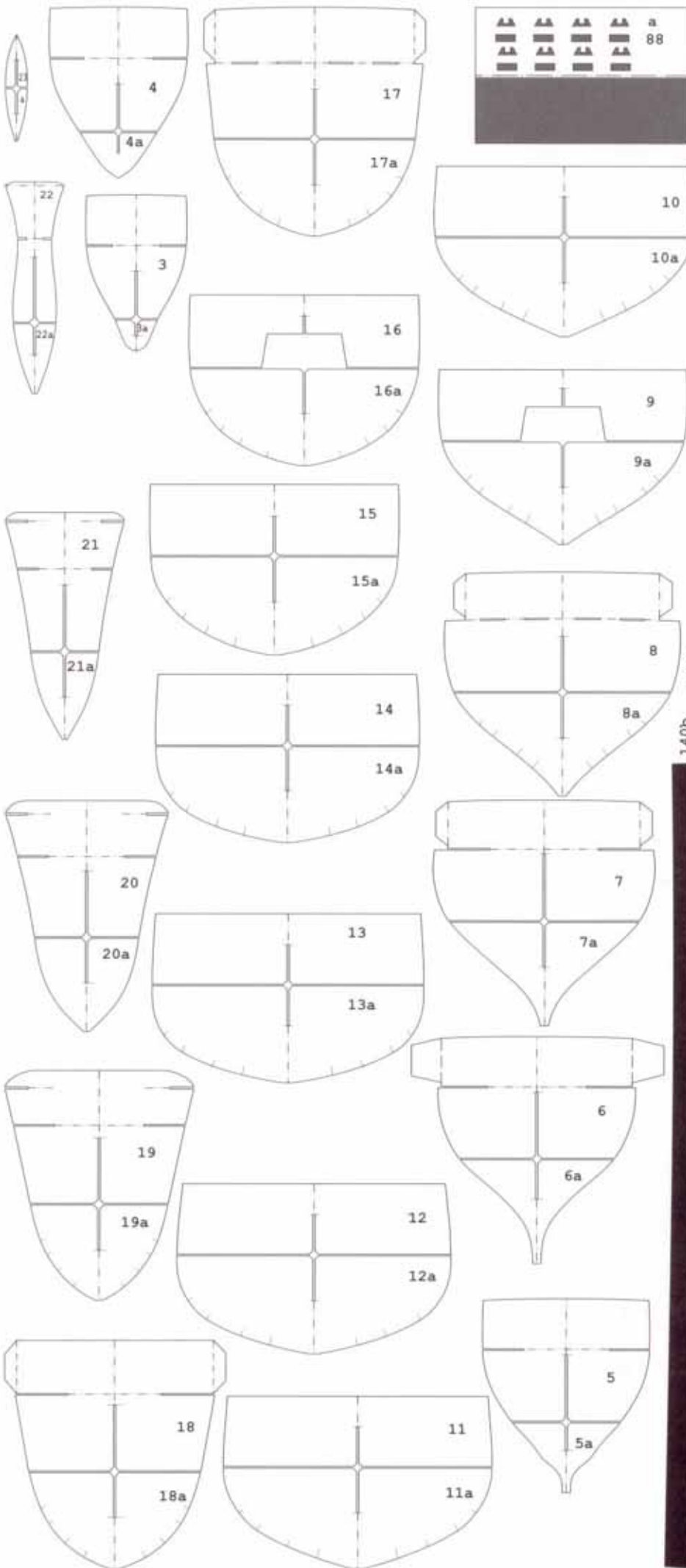
72b 72c



72a 72

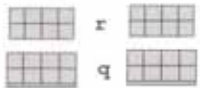




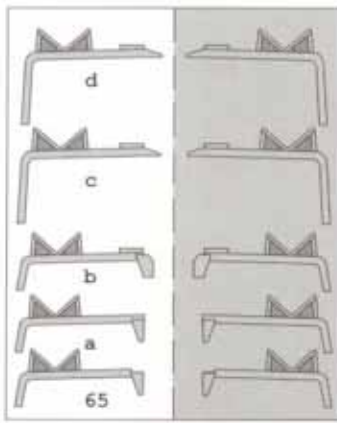




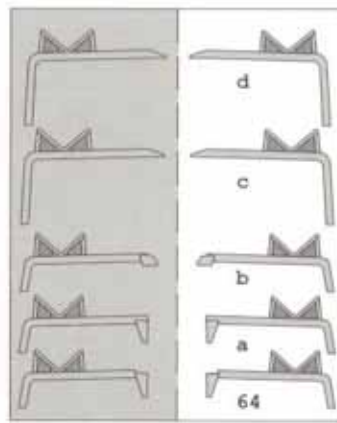
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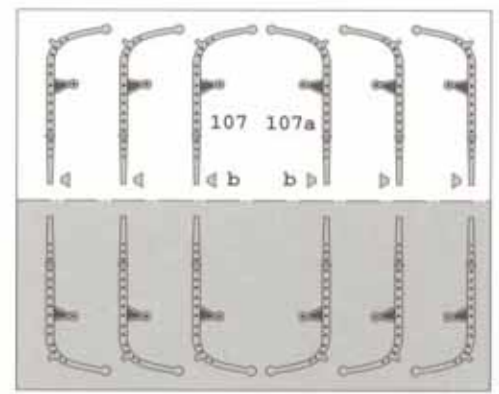
102o p 103o p



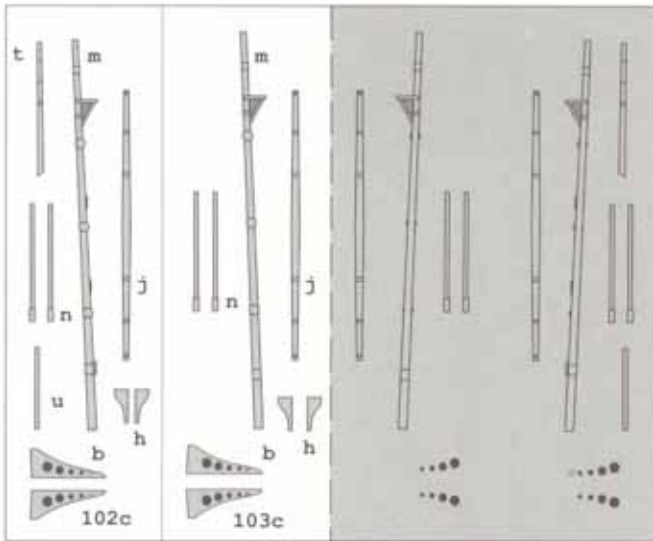
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64



107 107a

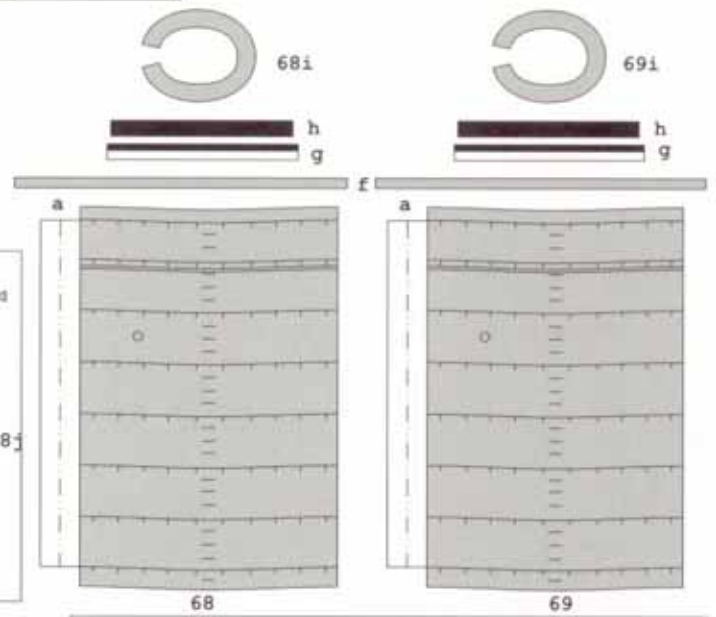


102c

103c



68j



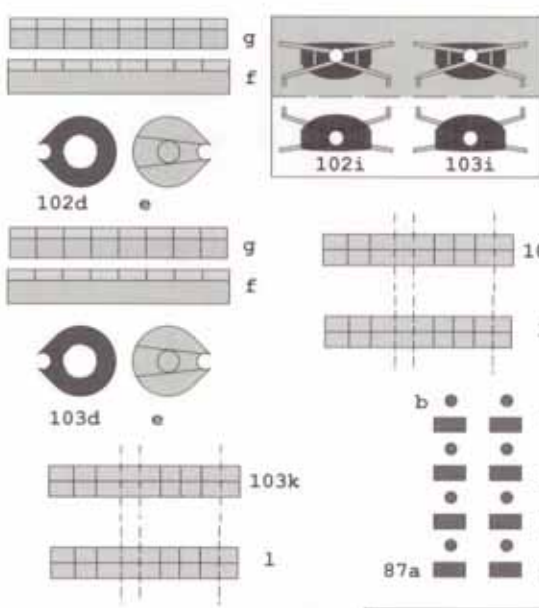
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69



102

103



102d

e

102k

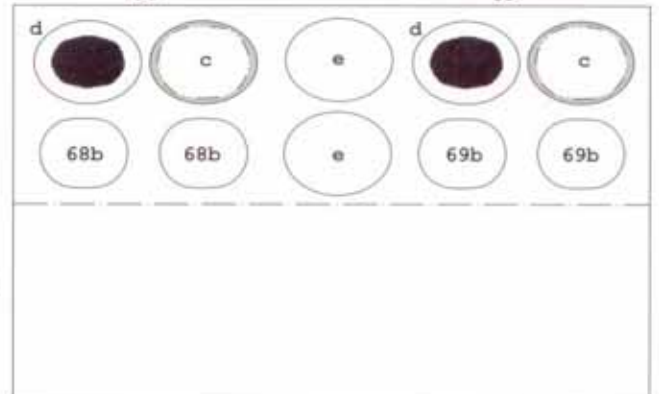
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103d

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103k

1



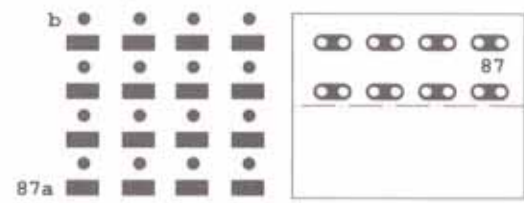
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68b

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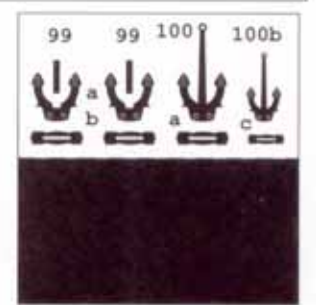
69b

69b



87a

87

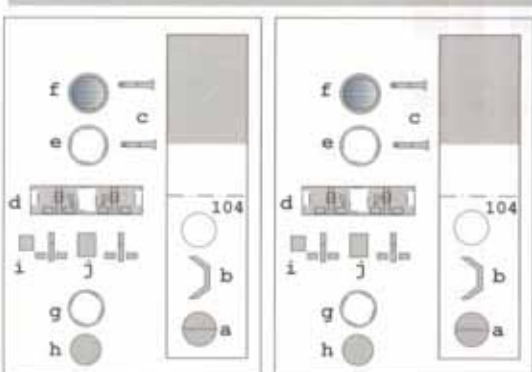


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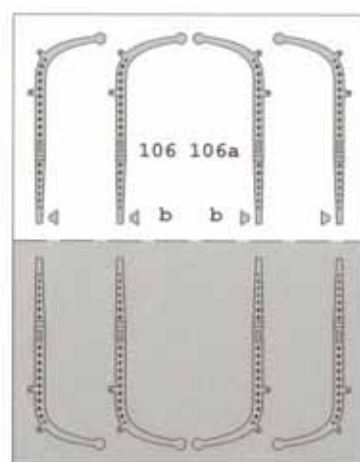
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100b



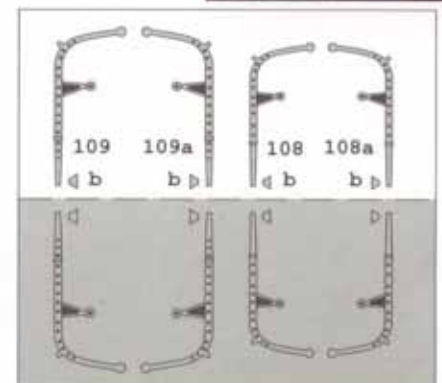
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106a

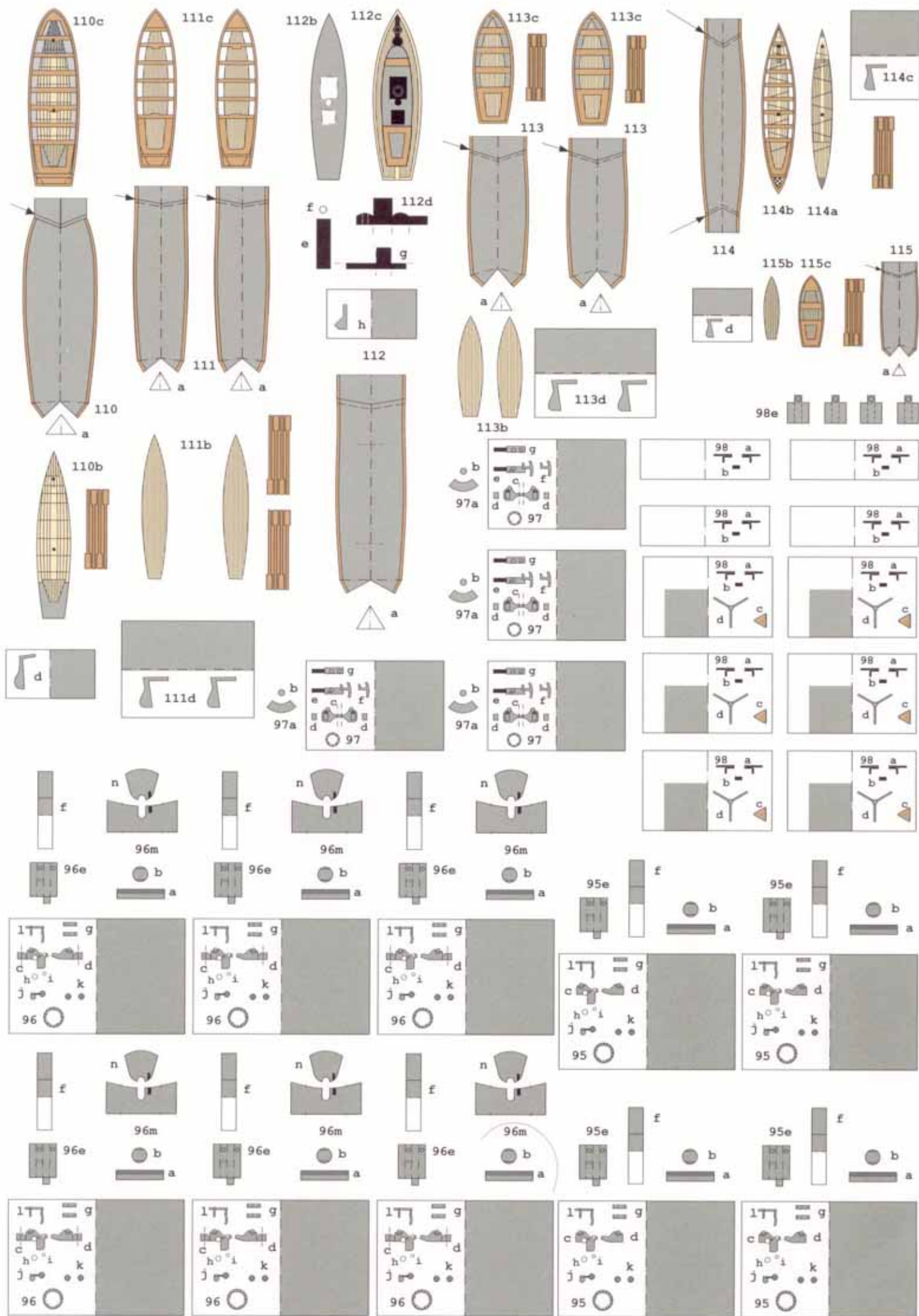


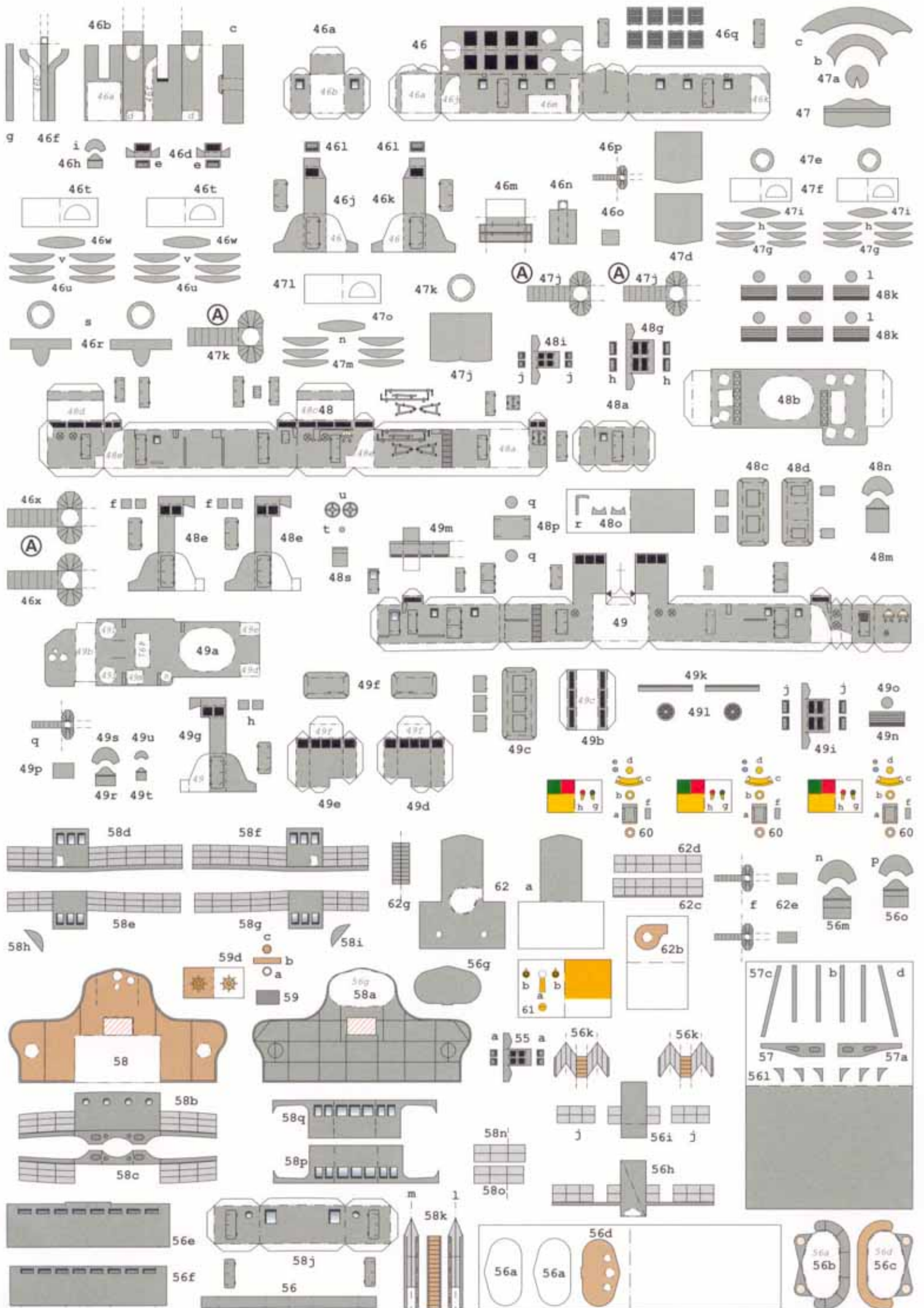
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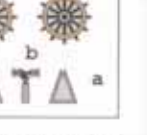
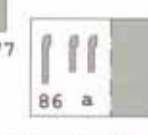
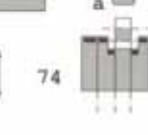
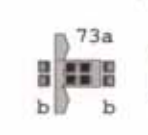
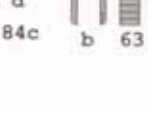
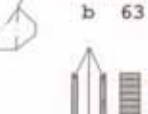
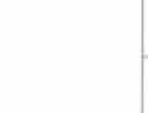
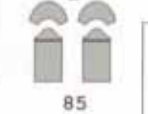
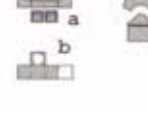
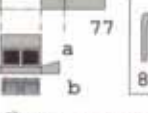
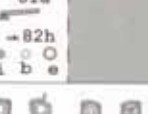
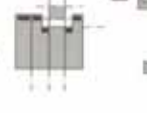
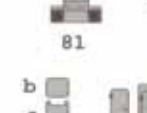
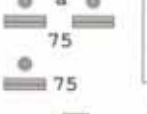
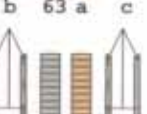
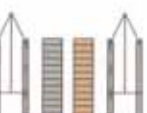
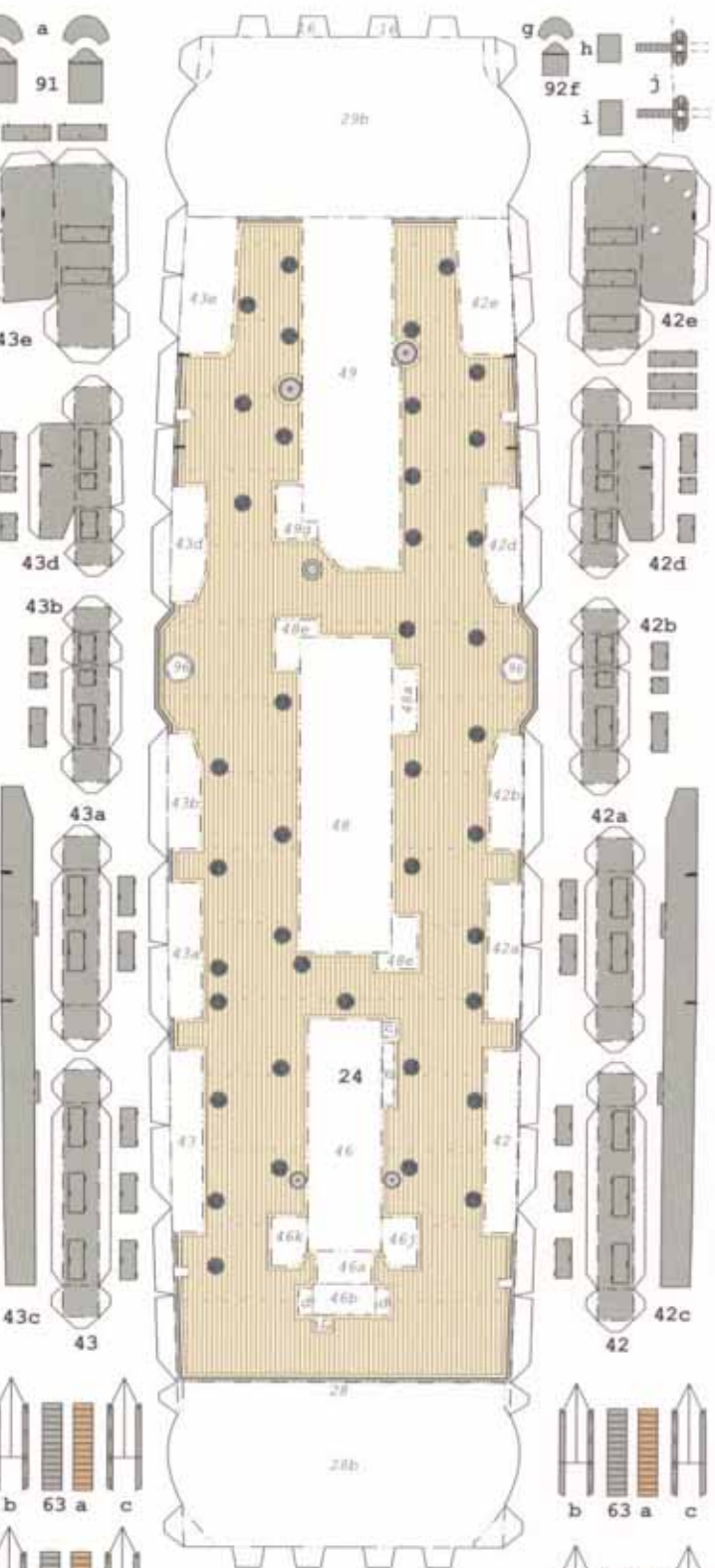
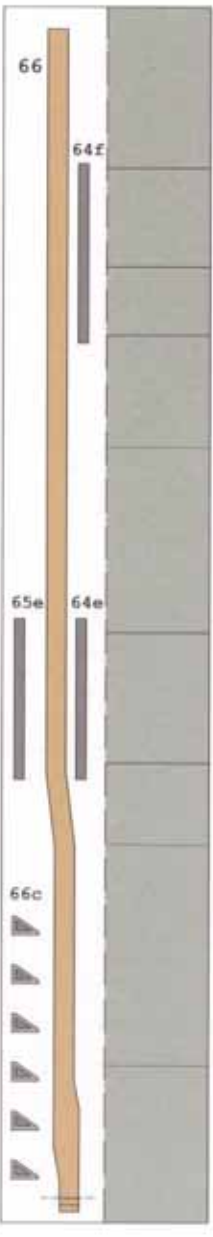
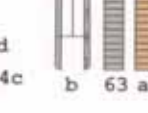
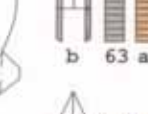
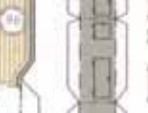
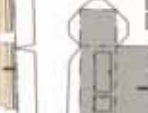
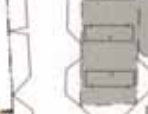
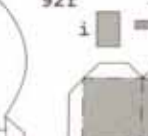
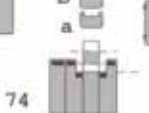
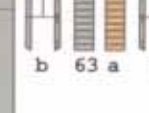
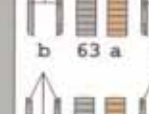
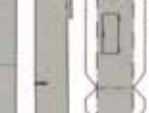
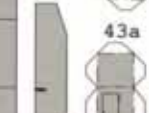
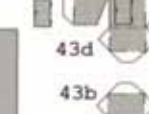
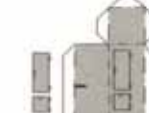
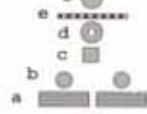
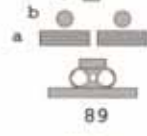
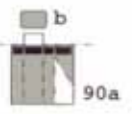
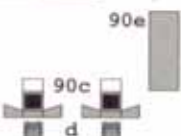
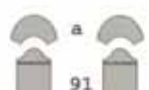
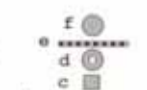
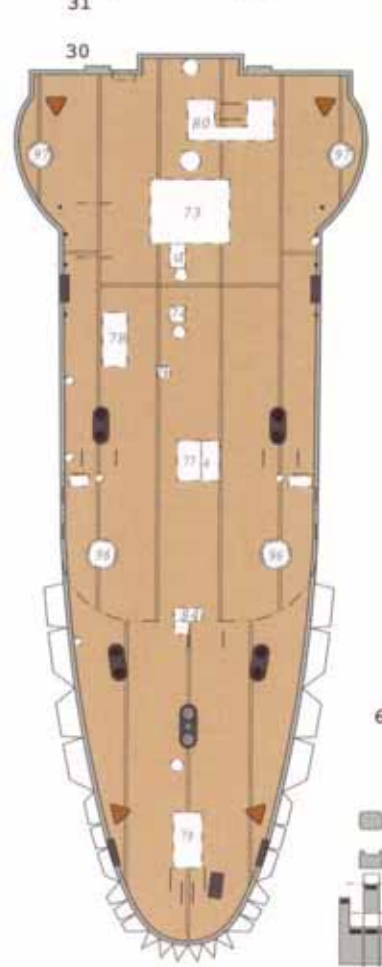
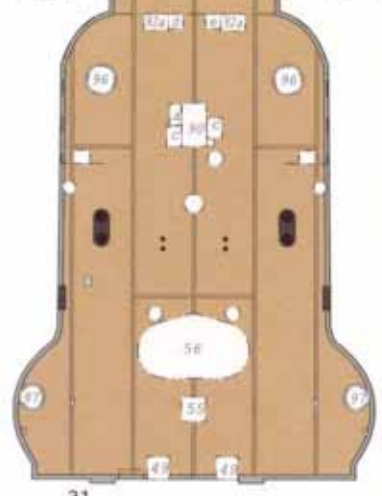
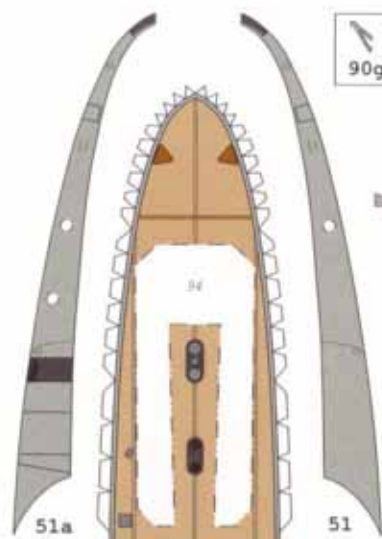
108a

109

109a





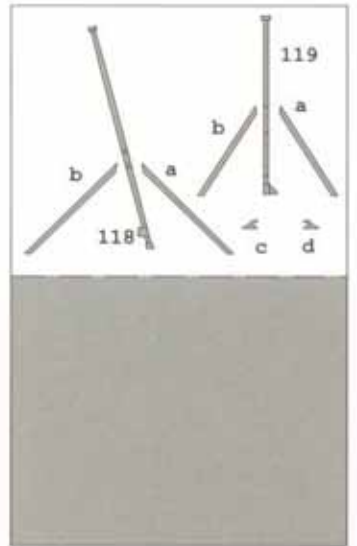


41c

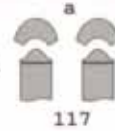


41b

S.M.S. Undine



41a



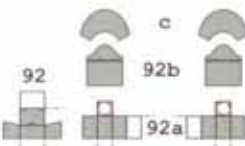
135a



135



101c



92d

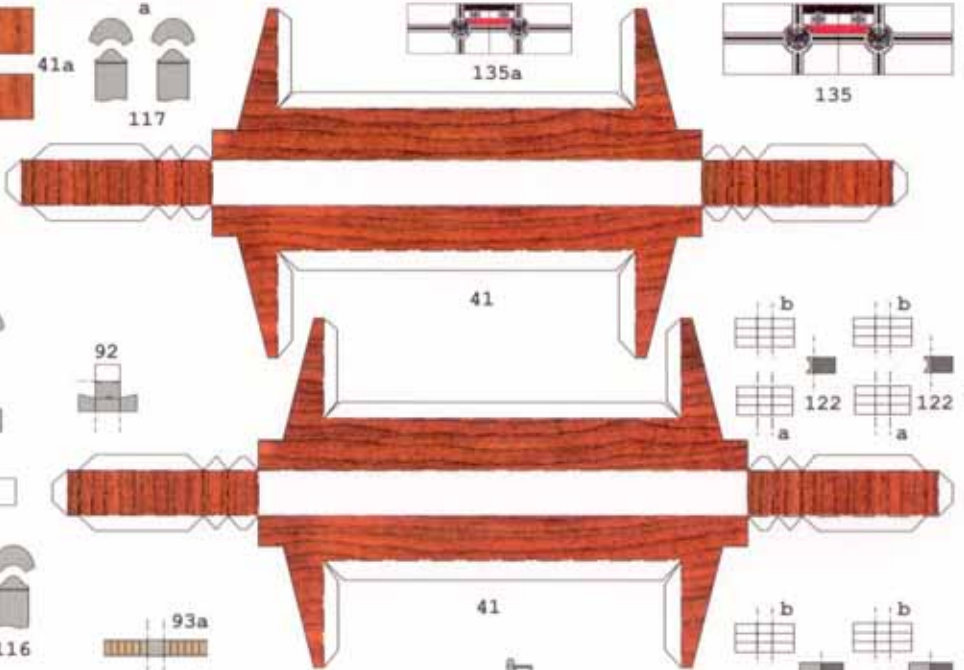
92

92a

92b

92c

92e



41

b

b

a

a

b

b

a

a

a

a

a

a

a

a

a

a

a

a

a

a

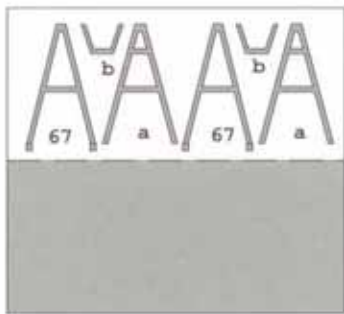
a

a

a

a

a

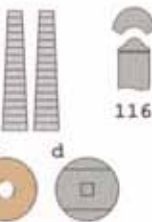


67

a

b

67



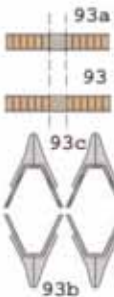
67c

67e

f

g

116



93a

93

93c

93b



128b

c

a

133

132

a

136

131

130

127

39d

j

k

125

391

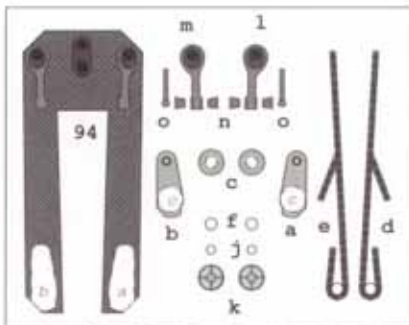
b

a

120a

120b

120



94

m

l

o

n

o

b

c

d

e

f

g

h

i

j

k



94g

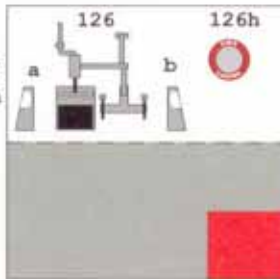
h

i

94g

h

i



126

126h

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

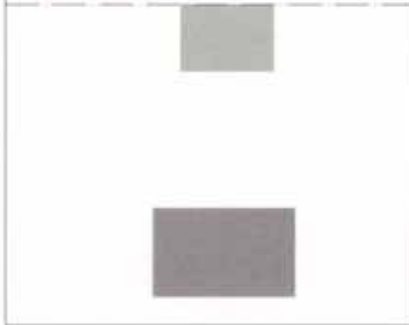
v

w

x

y

z



137a

137

138

138a

139



120a

120b

120

BAUANLEITUNG

Kleiner Kreuzer » S.M.S. Undine «

Allgemeines zum Bau von Kartonmodellbaubogen:

Zum Bau eines Modellbaubogens werden nur wenige Werkzeuge benötigt: eine Schere, ein Bastelmesser, ein Metalllineal, eine gute Pinzette und handelsüblicher Alleskleber. Wer mag, kann weitere nützliche Hilfsmittel wie Zahnstocher, Rundhölzer verschiedener Durchmesser und eine Stopfnadel verwenden. Farbstifte zum Einfärben von Schnittkanten sind ebenfalls sinnvoll. Alle Teile werden auf der Linie ausgeschnitten. Das Modell sollte in der von der Bauanleitung vorgegebenen Reihenfolge zusammengebaut werden. Damit nichts verloren geht, jeweils nur die gerade benötigten Bauteile ausschneiden. Komplizierte Teile vor der endgültigen Montage sorgfältig anpassen. Dünne hohle Bauteile (z. B. Masten) können mit Draht versteift werden, um eine höhere Stabilität zu erzielen. Einige Bauteile werden ggf. durch Verdoppeln oder Verdreifachen auf Abfallkarton verstärkt. Das Spantengerüst sollte auf einer möglichst ebenen Unterlage (z. B. einer Glasplatte) montiert und vorsichtig beschwert werden, um Verzug während der Aushärtezeit zu vermeiden. Nach Montage der Decks und der Außenhaut das Modell ebenfalls vorsichtig beschweren. Dem Klebstoff immer genug Zeit zum Aushärten lassen. Und nun viel Spaß beim Bau Ihrer Undine!

Liniencode:

- - - - - Auf der bedruckten Seite ritzen und nach hinten knicken.
 - --- --- Auf der Rückseite ritzen und nach vorn knicken, dazu ggf. mit einer Nadel die Eckpunkte durchstechen.
 - Begrenzungslinie für aufzuklebende Bauteile. Die kursivgeschriebene Nummer gibt das anzuklebende Teil an.
- einschneiden
- (A) alternatives Bauteil
 - (F) Kann durch ein Fotoätzteil ersetzt werden (in extra erhältlichem Super Detail Set enthalten).
 - == Mit Abfallkarton verdoppeln. === Mit Abfallkarton verdreifachen.
- Bb = Backbord (links), Stb = Steuerbord (rechts) V = vorn H = hinten

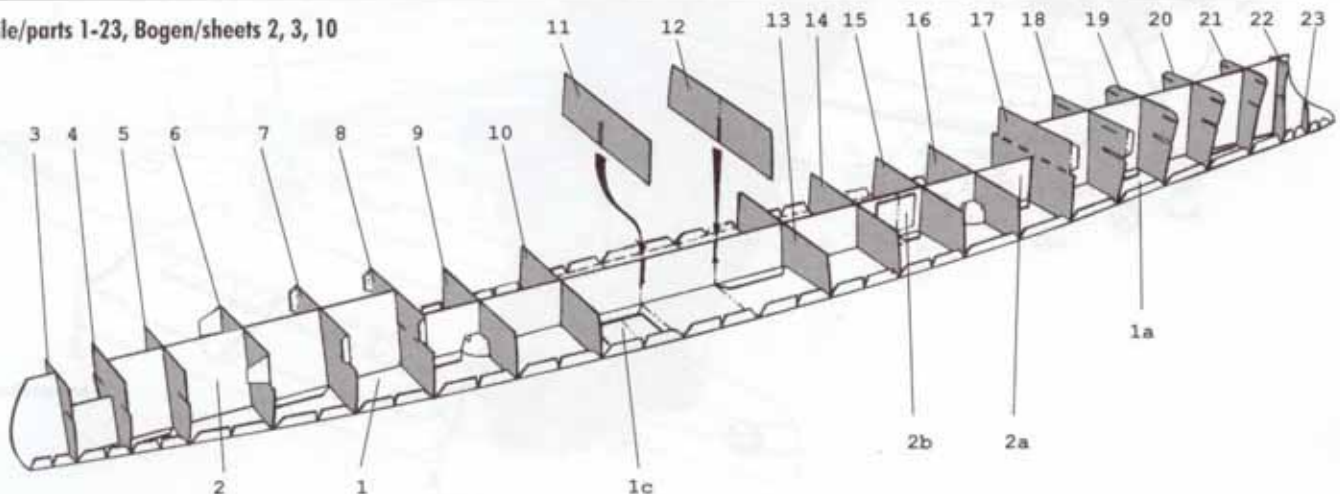
General Cardmodeling Construction Principles:

Building paper models requires only a few necessary tools: a pair of scissors, a hobby knife, a metal ruler, a pair of tweezers and a good glue. If desired one can also use aids such as toothpicks and dowels of different sizes. Felt pens are good for colouring the cut edges of the parts. All parts are to be cut out right on the lines. The model is built in numerical order following the instructions and checking the title picture. To keep from losing or mixing up parts only cut them out as they are needed. Dry fit complicated parts before gluing. Thin hollow parts such as masts can be stiffened with wire, round toothpicks or small dowels. Some parts are doubled by first gluing the rough-cut parts on scraps of the same card and then cutting out exactly. The frame must be built on a perfectly even surface to prevent warping. After mounting the decks and hull sides carefully weight the model down while the glue sets, again to avoid warping. Now enjoy building your Undine!

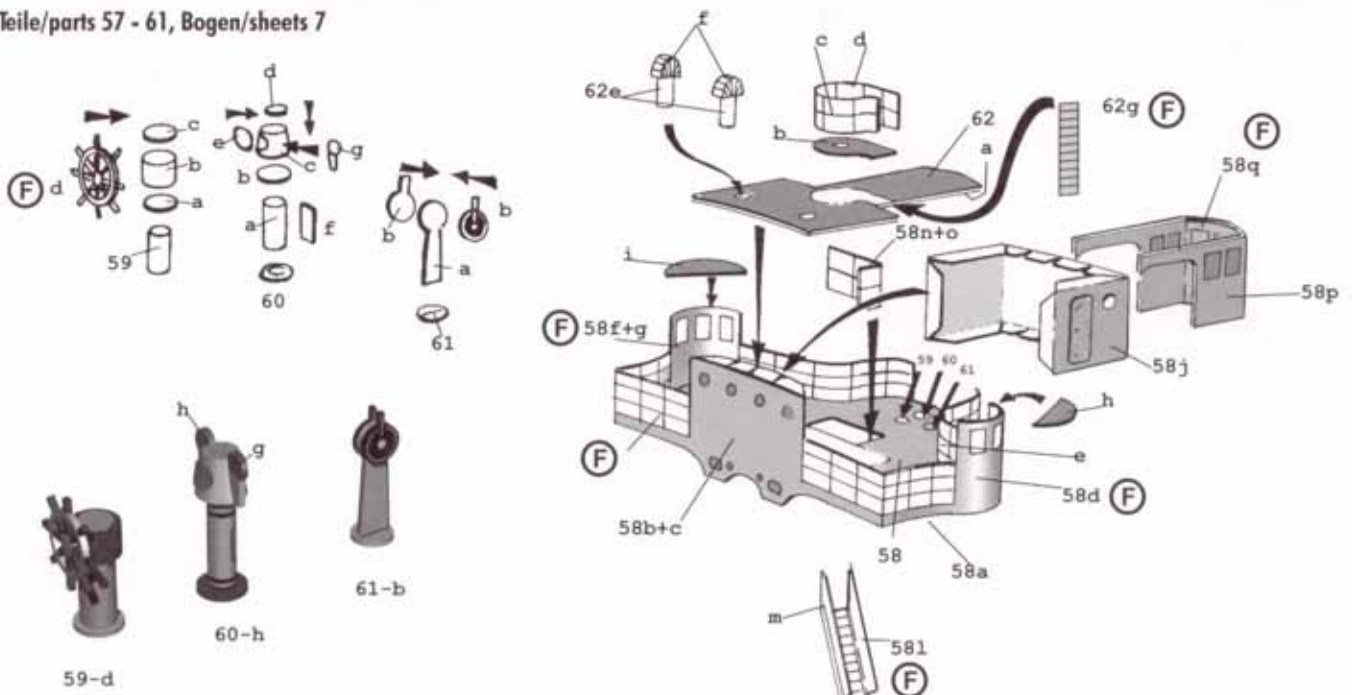
Liniencode:

- - - - - Score on the printed side and fold down.
 - --- --- Score on back side and fold up. Make pinholes at the ends of the lines, turn over and score between them.
 - Outline of area on which another part is glued. The number inside the area is that of the part to be attached.
- Cut along this line.
- (A) alternative
 - (F) Can be replaced by photo-etched fine detail components (extra set available, not included).
 - == double === triple
- Bb = Port (left), Stb = Starboard (right) V = bow H = stern

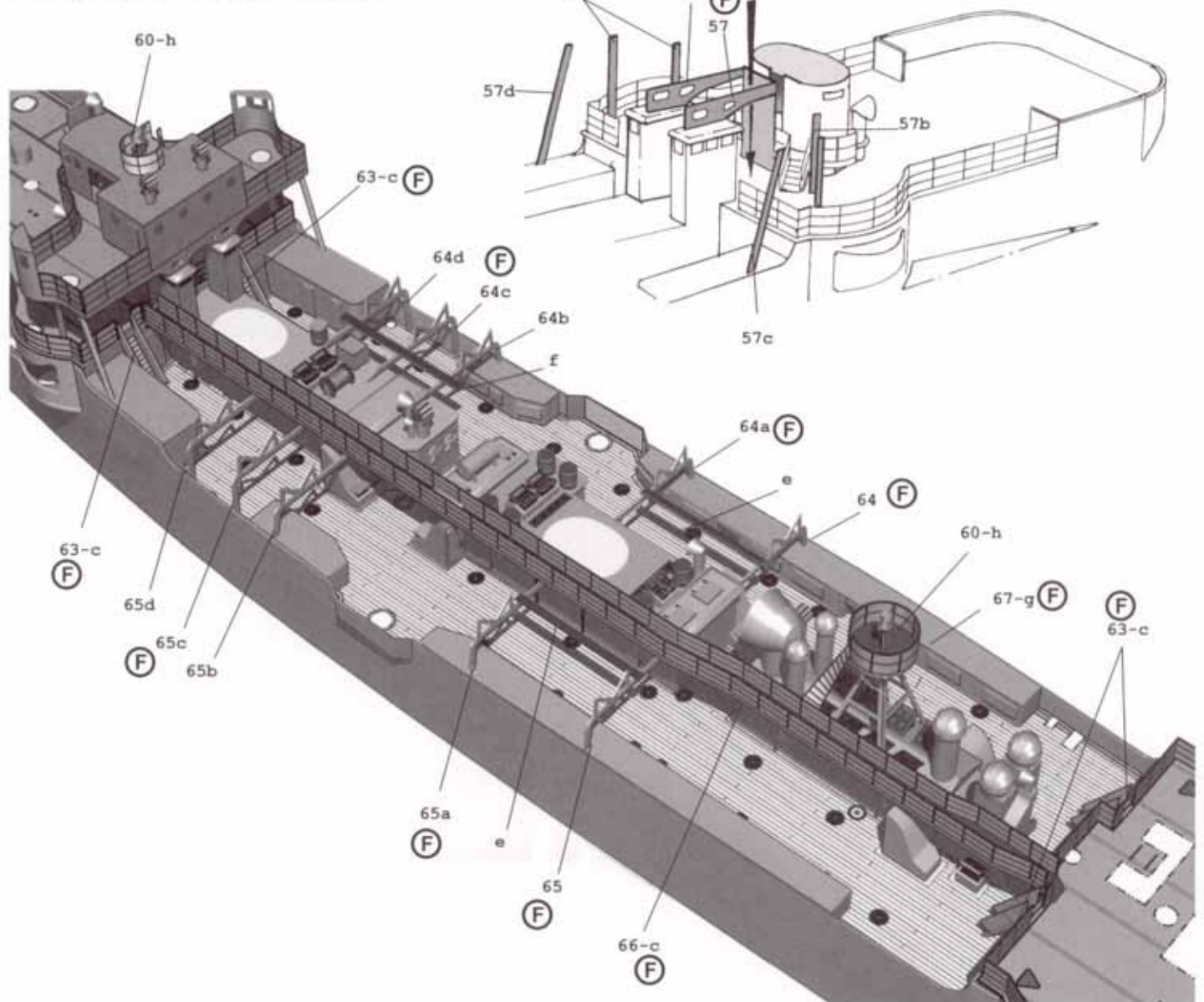
1. Teile/parts 1-23, Bogen/sheets 2, 3, 10



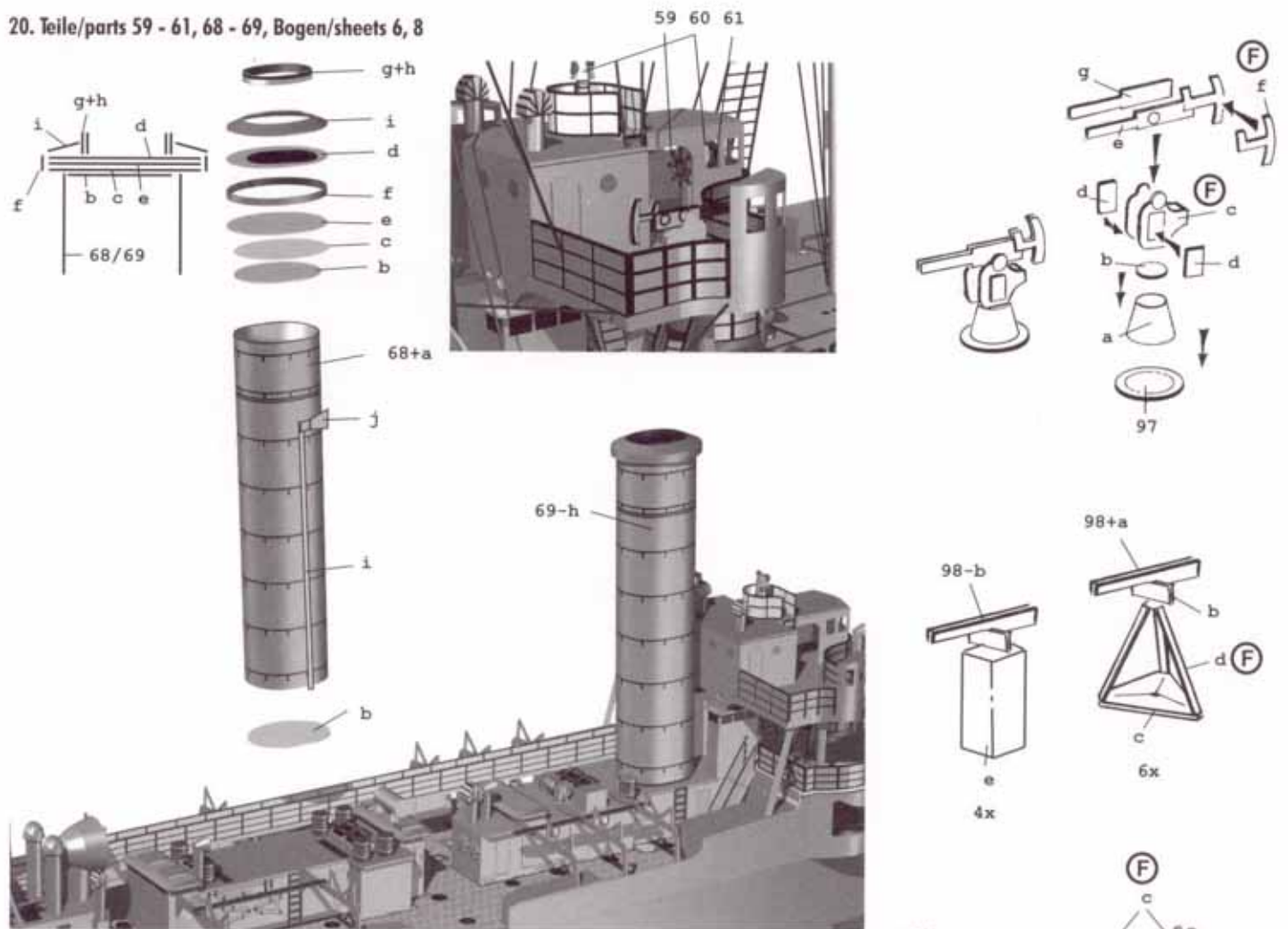
18. Teile/parts 57 - 61, Bogen/sheets 7



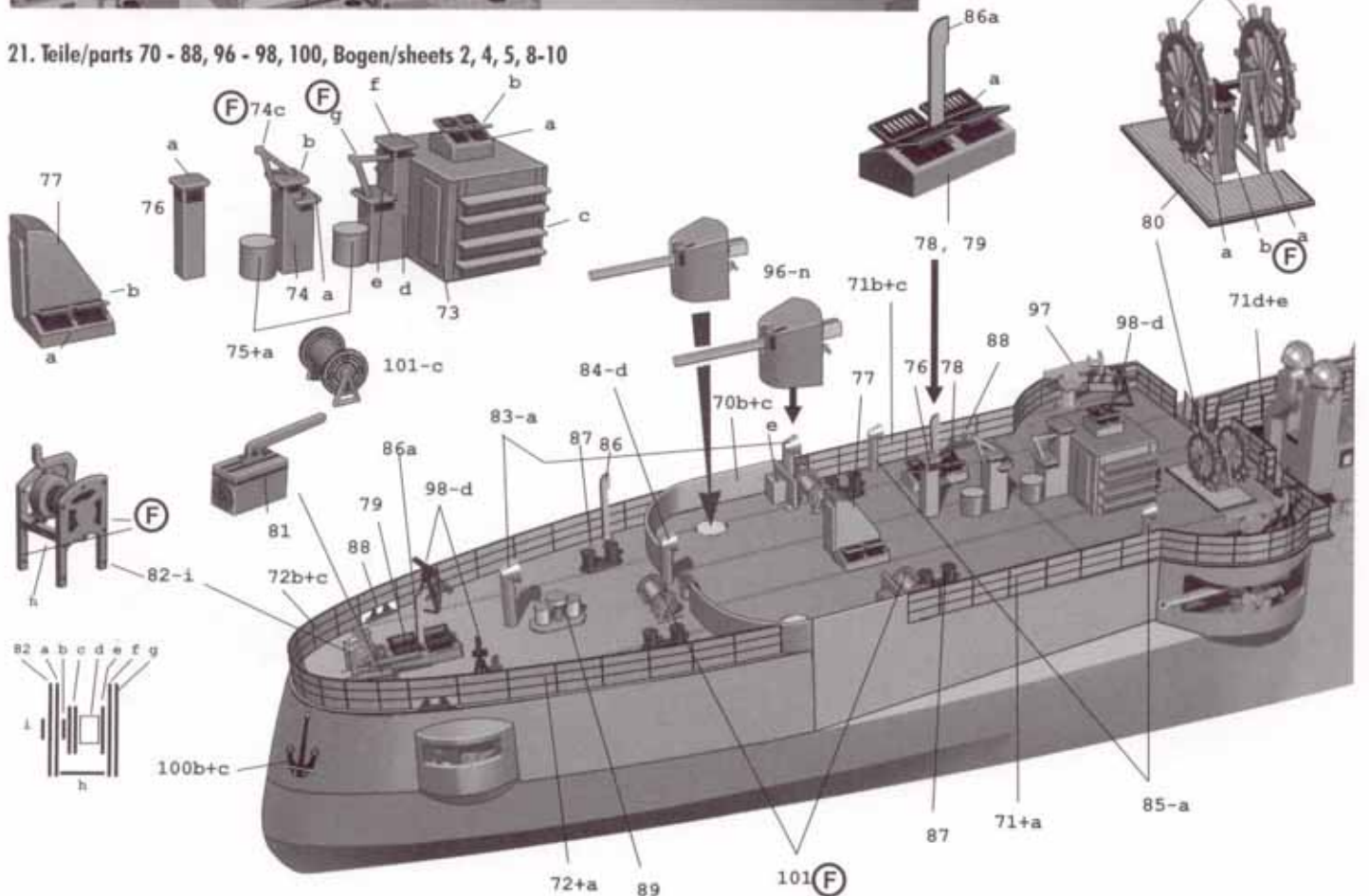
19. Teile/parts 60, 63 - 67, Bogen/sheets 5, 6, 8



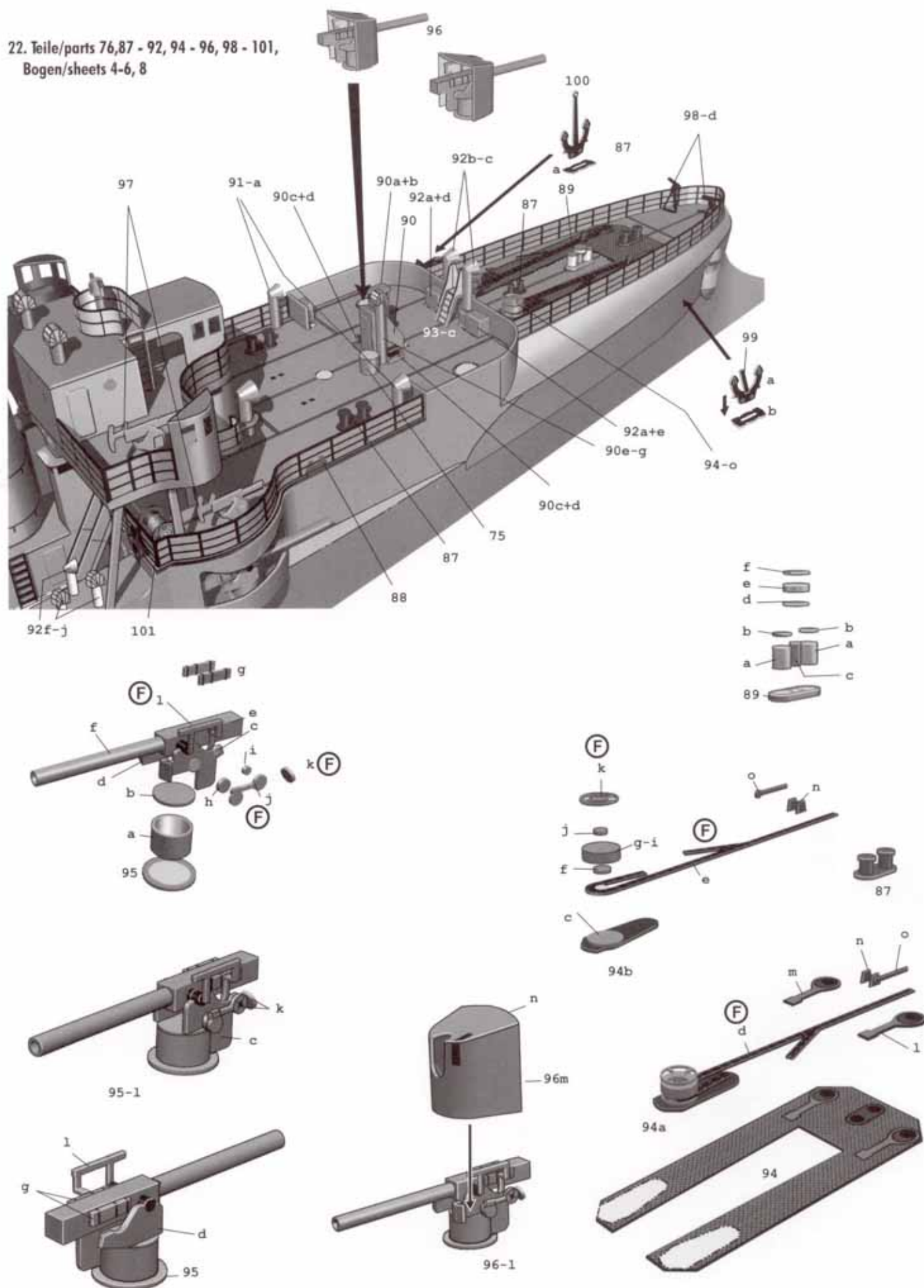
20. Teile/parts 59 - 61, 68 - 69, Bogen/sheets 6, 8



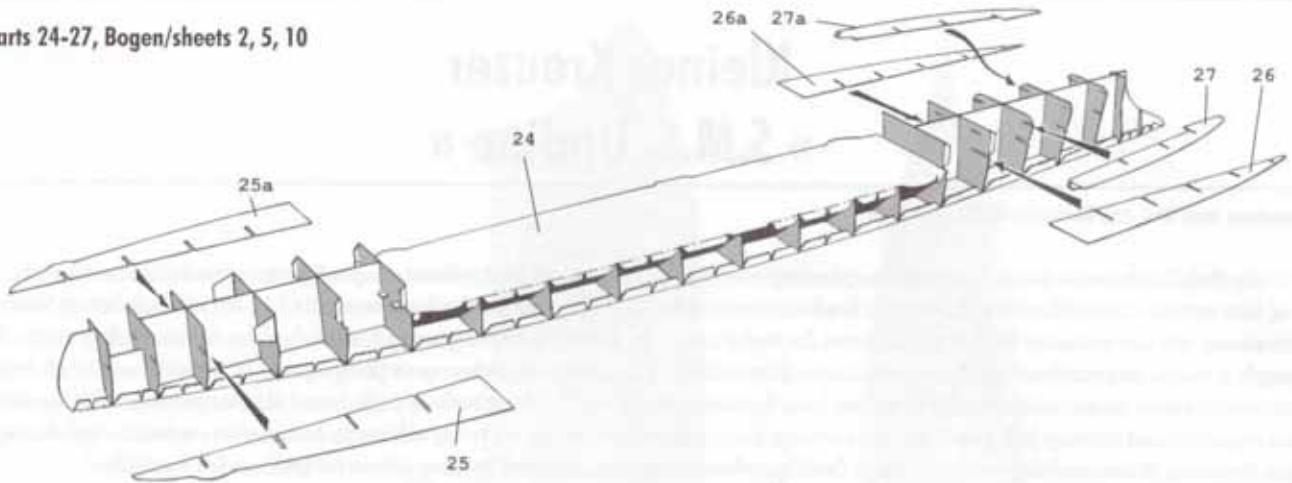
21. Teile/parts 70 - 88, 96 - 98, 100, Bogen/sheets 2, 4, 5, 8-10



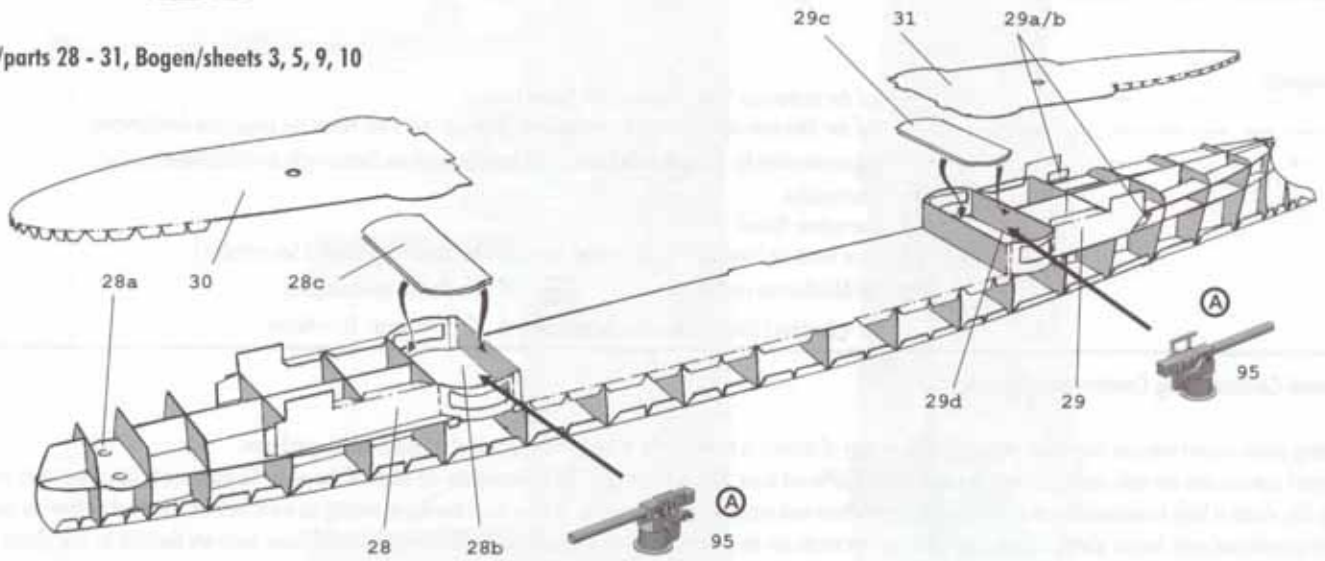
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Bogen/sheets 4-6, 8



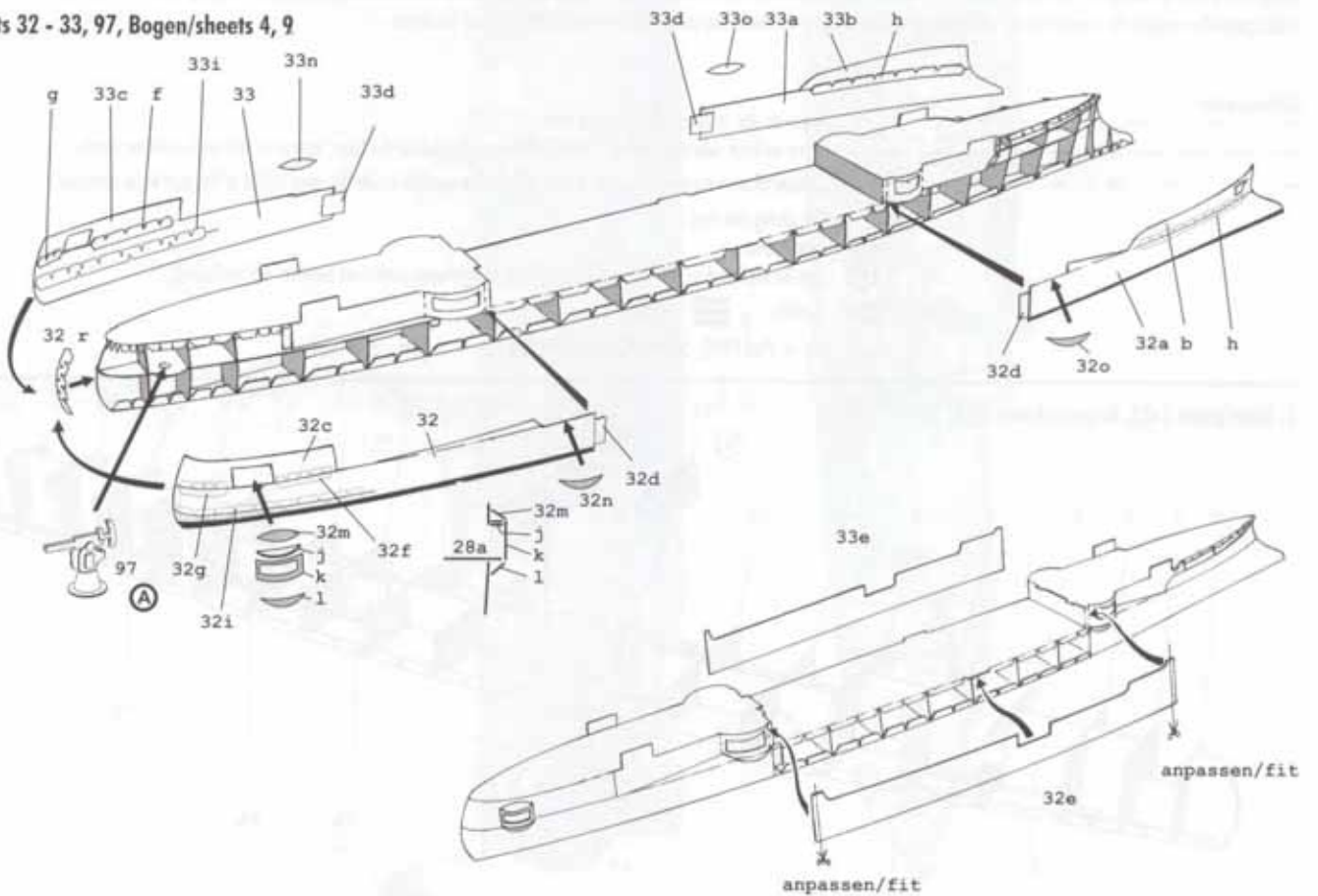
2. Teile/parts 24-27, Bogen/sheets 2, 5, 10



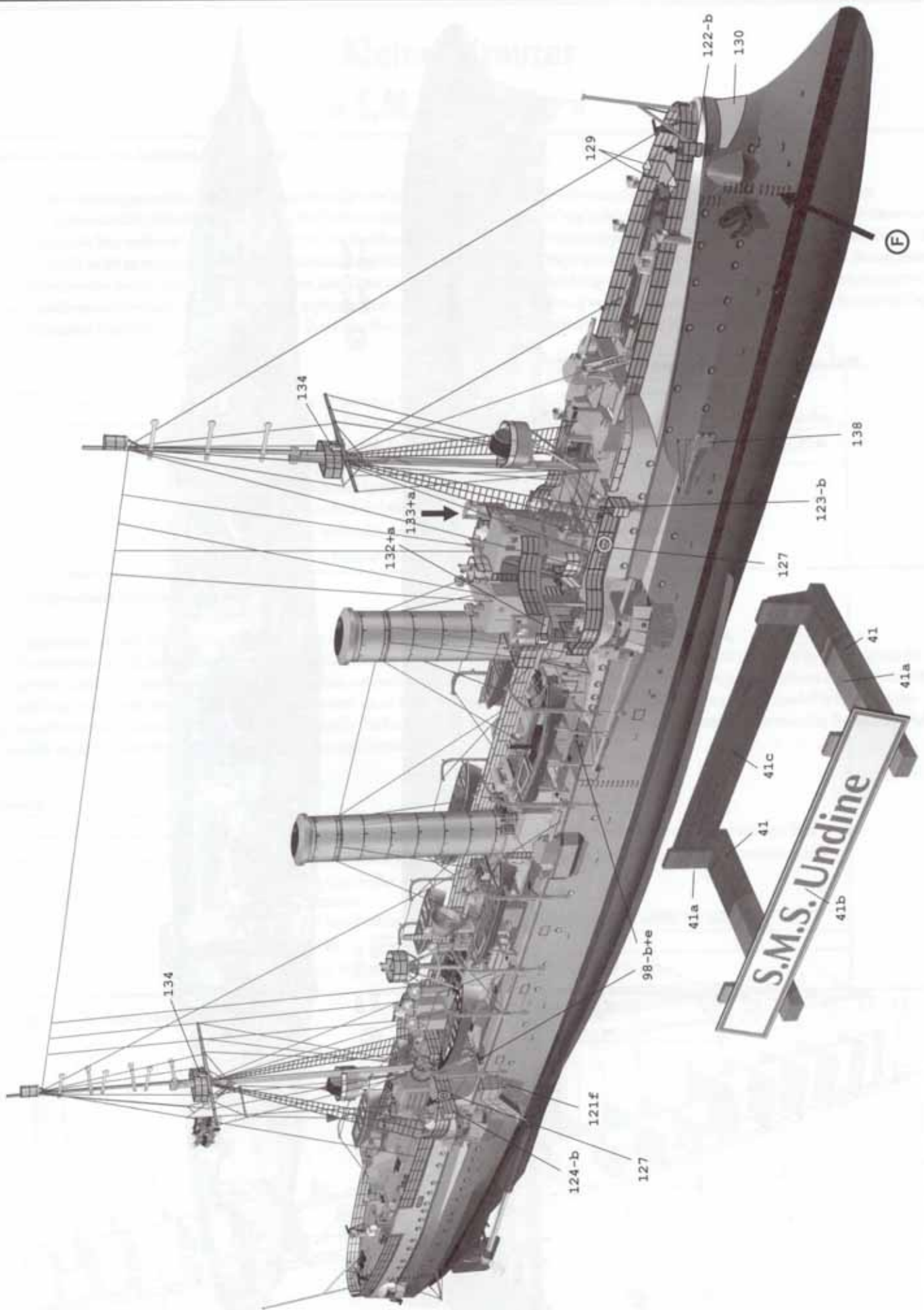
3. Teile/parts 28 - 31, Bogen/sheets 3, 5, 9, 10



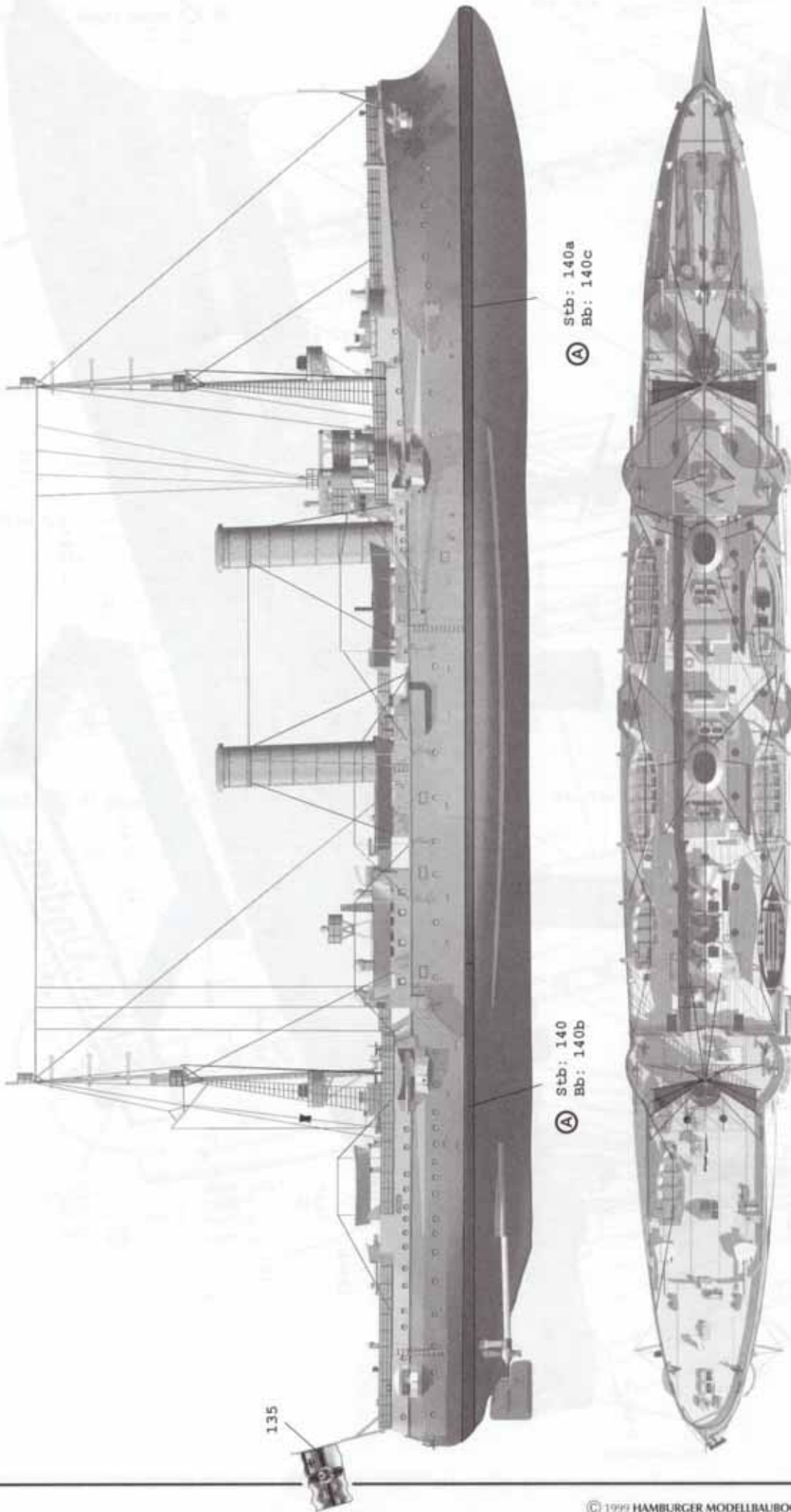
4. Teile/parts 32 - 33, 97, Bogen/sheets 4, 9



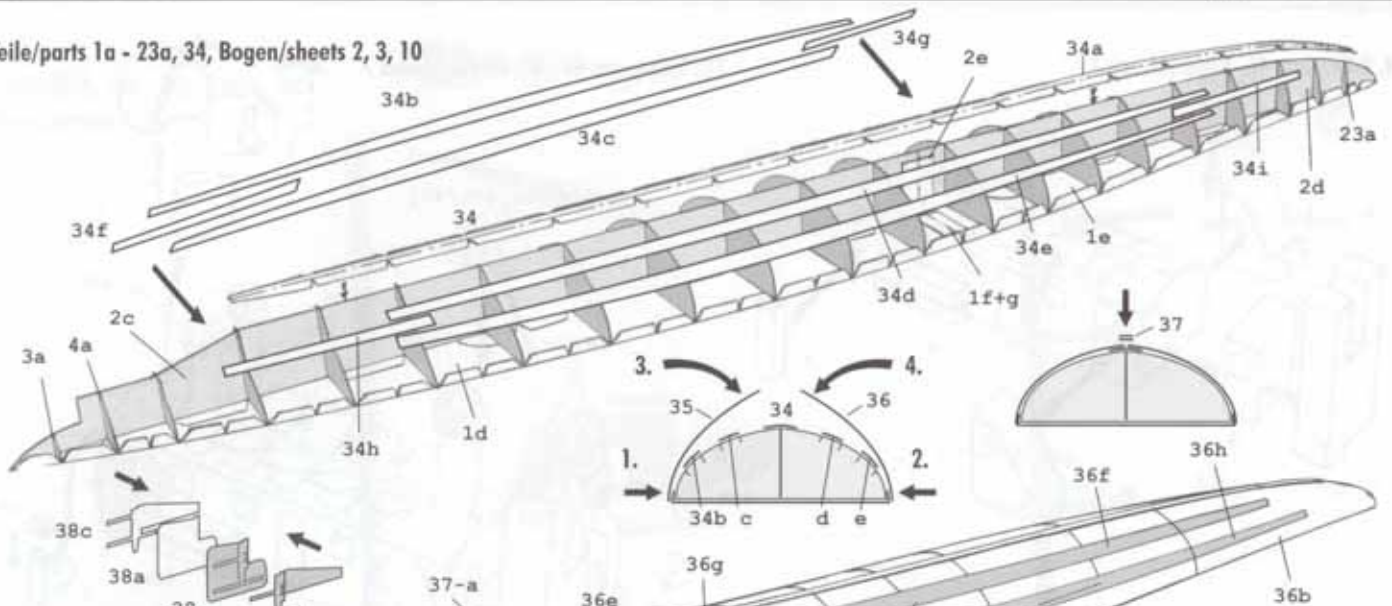
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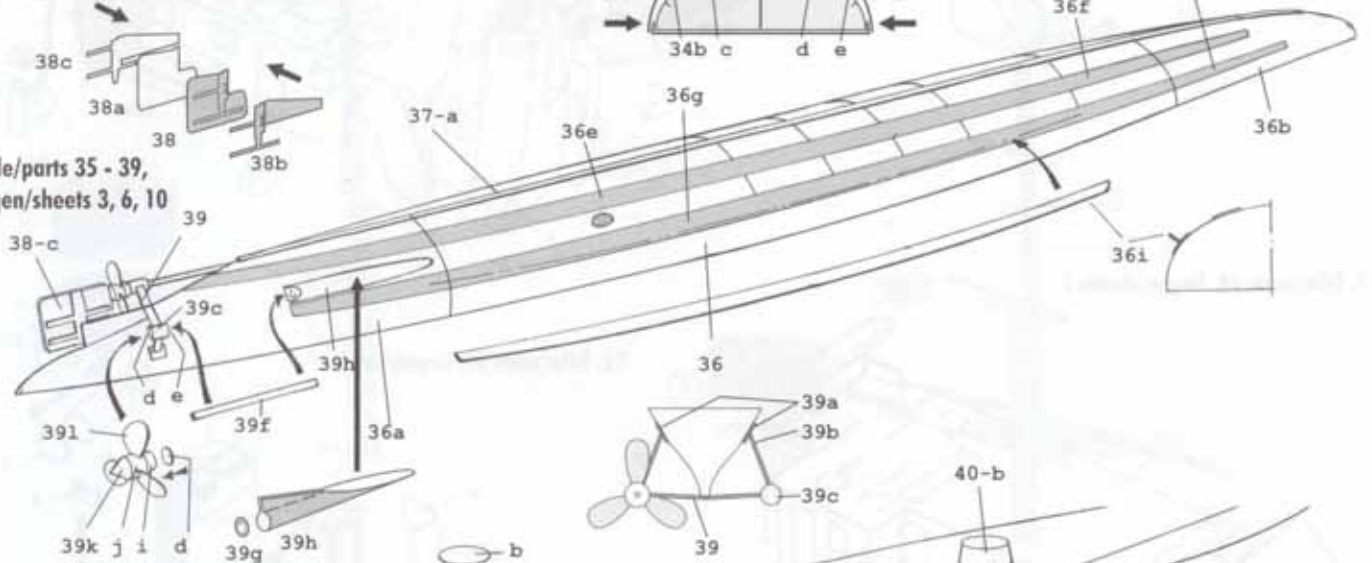
26. Teile/parts 135, 140, Bogen/sheets 3+6



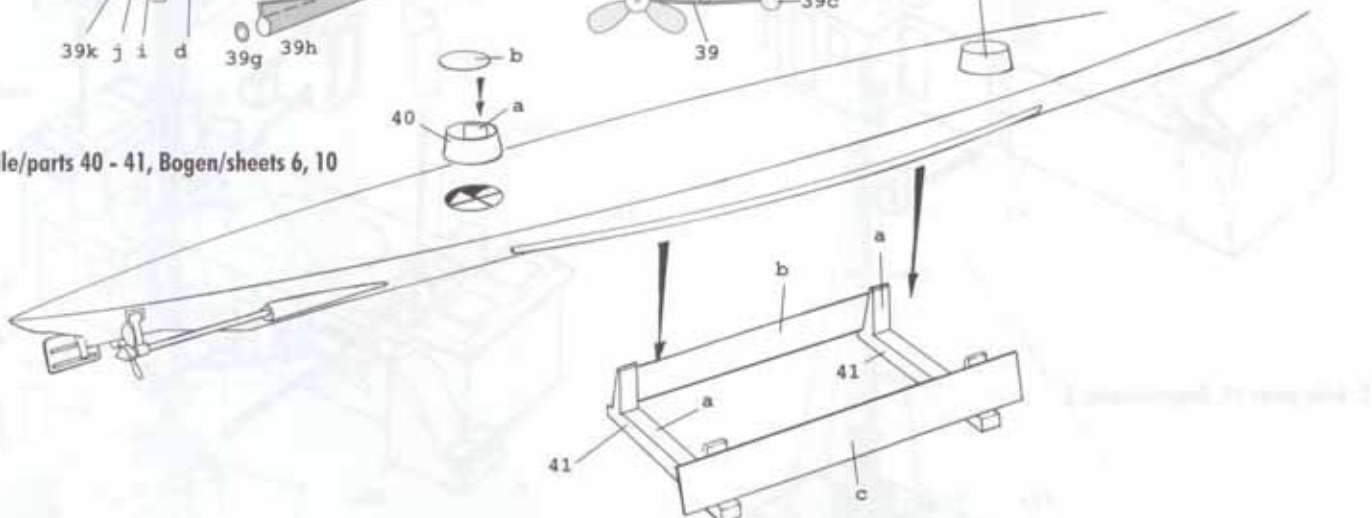
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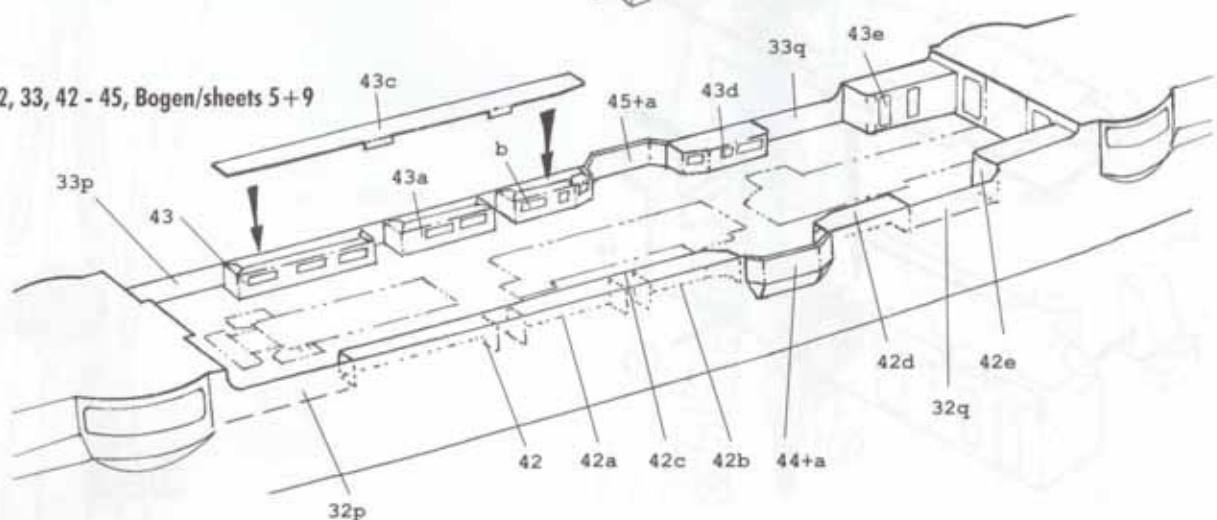
6. Teile/parts 35 - 39, Bogen/sheets 3, 6, 10



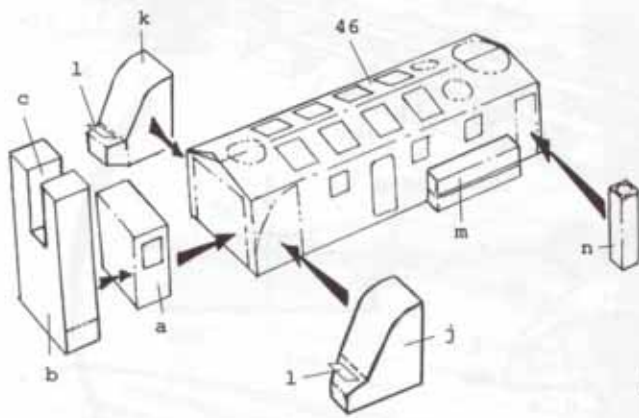
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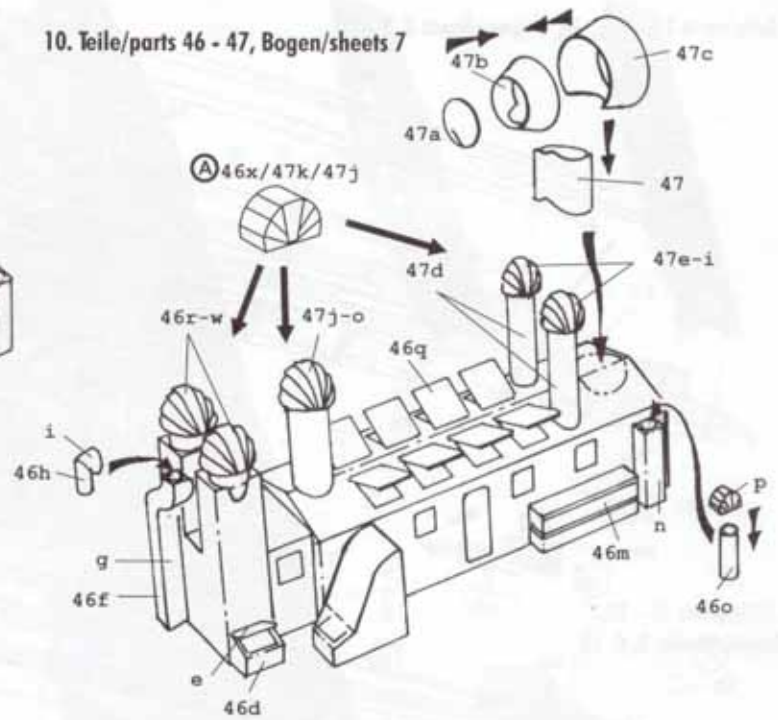
8. Teile/parts 32, 33, 42 - 45, Bogen/sheets 5+9



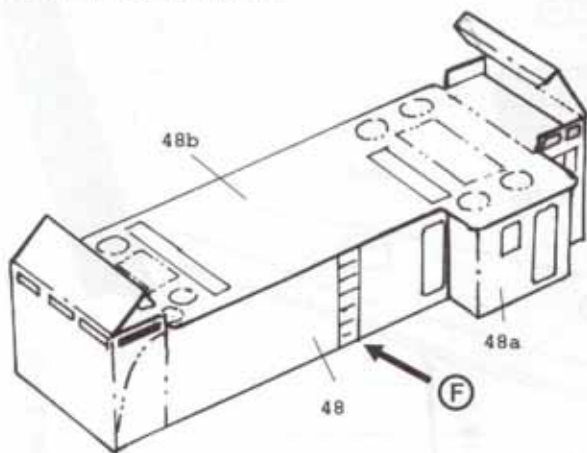
9. Teile/parts 46, Bogen/sheets 7



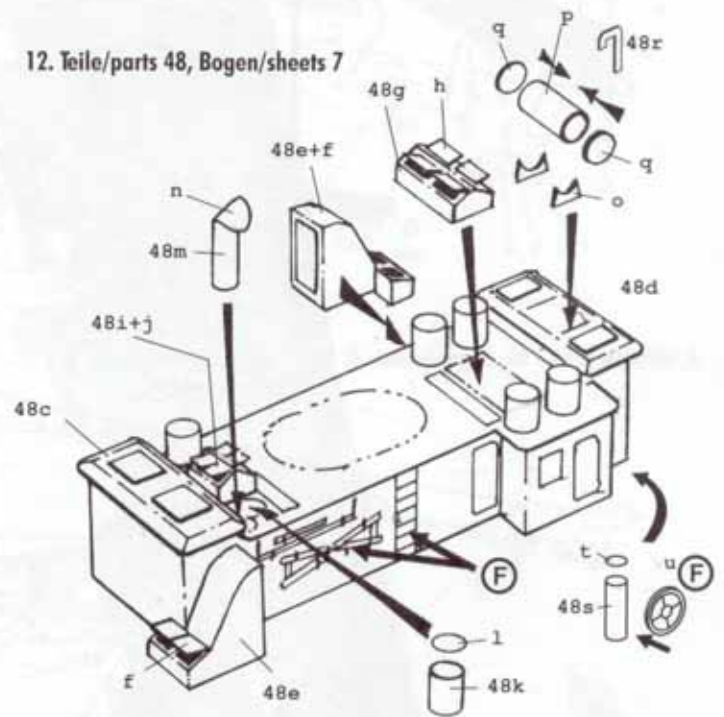
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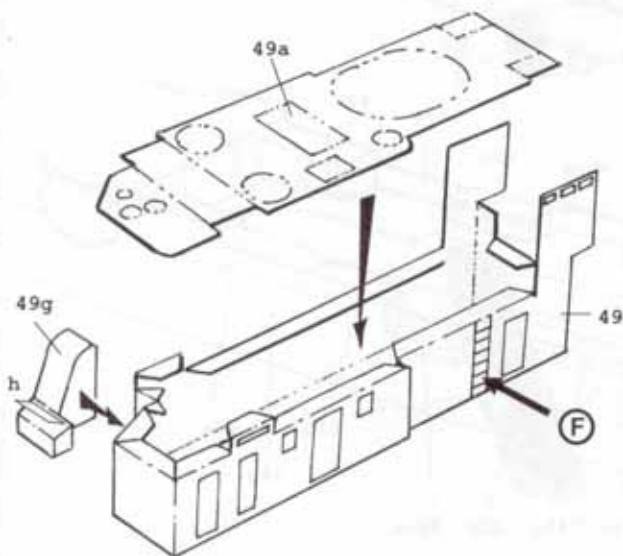
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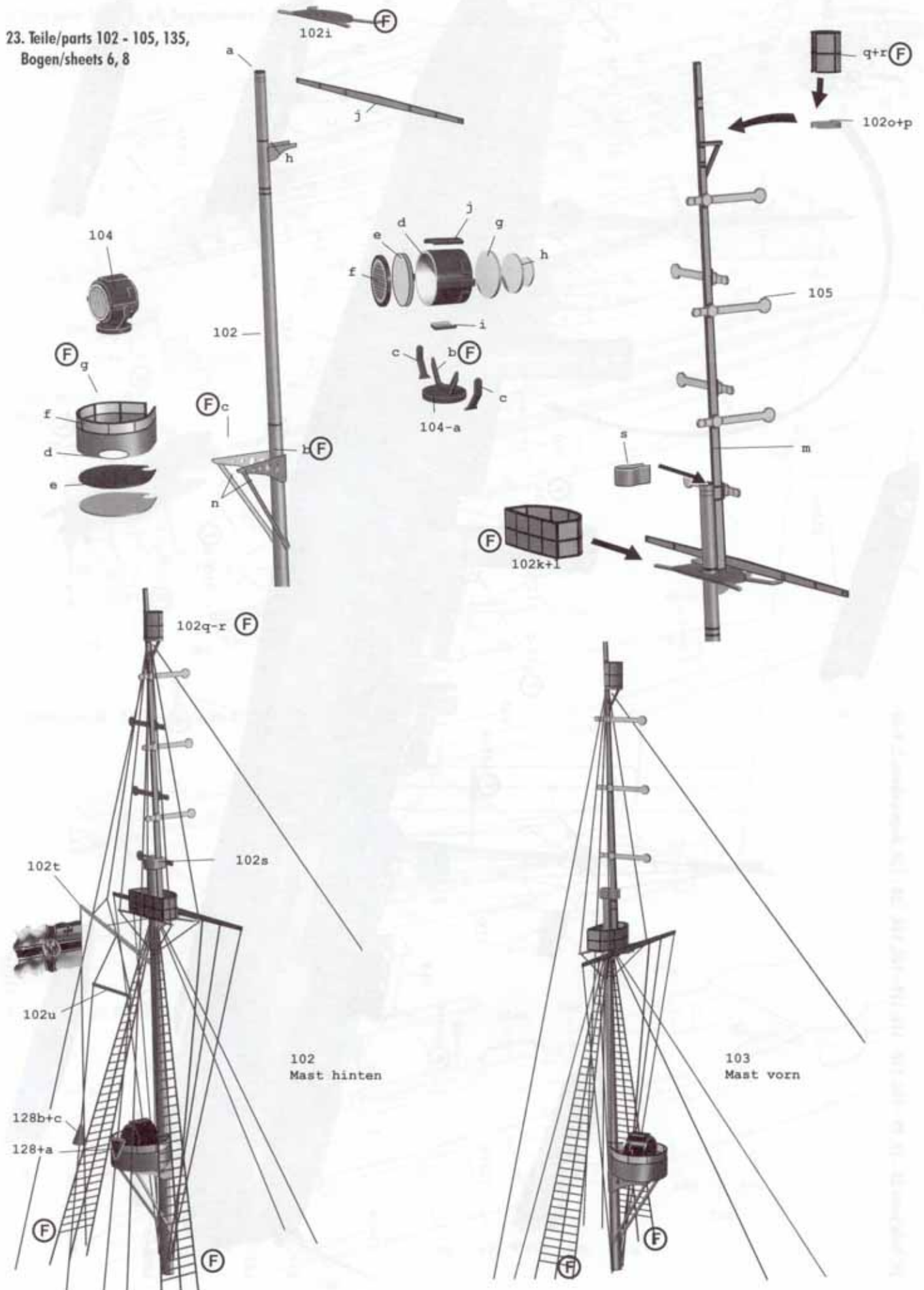
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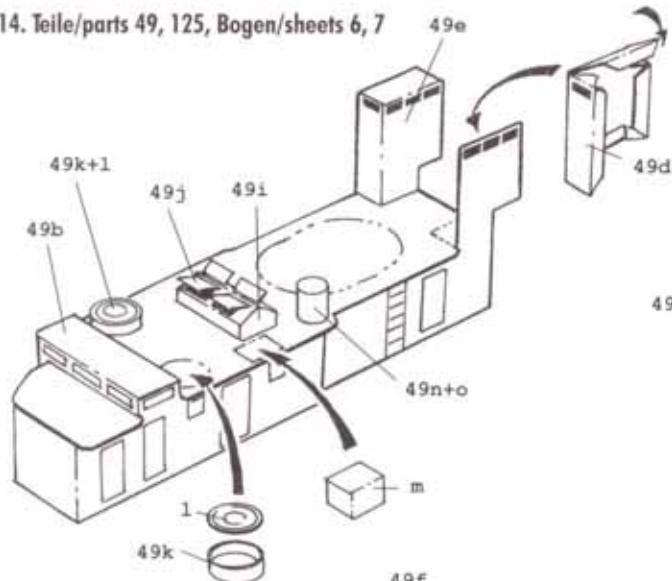
13. Teile/parts 49, Bogen/sheets 7



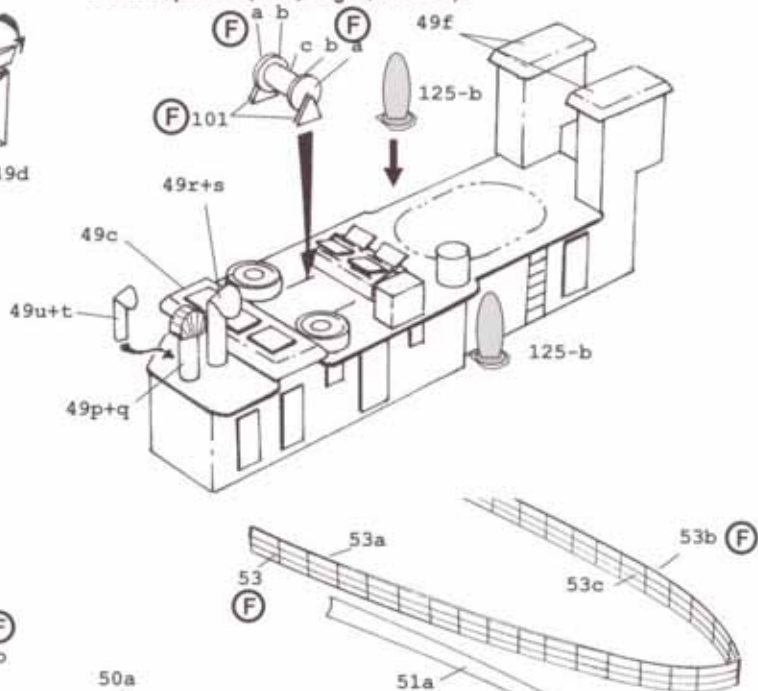
23. Teile/parts 102 - 105, 135,
Bogen/sheets 6, 8



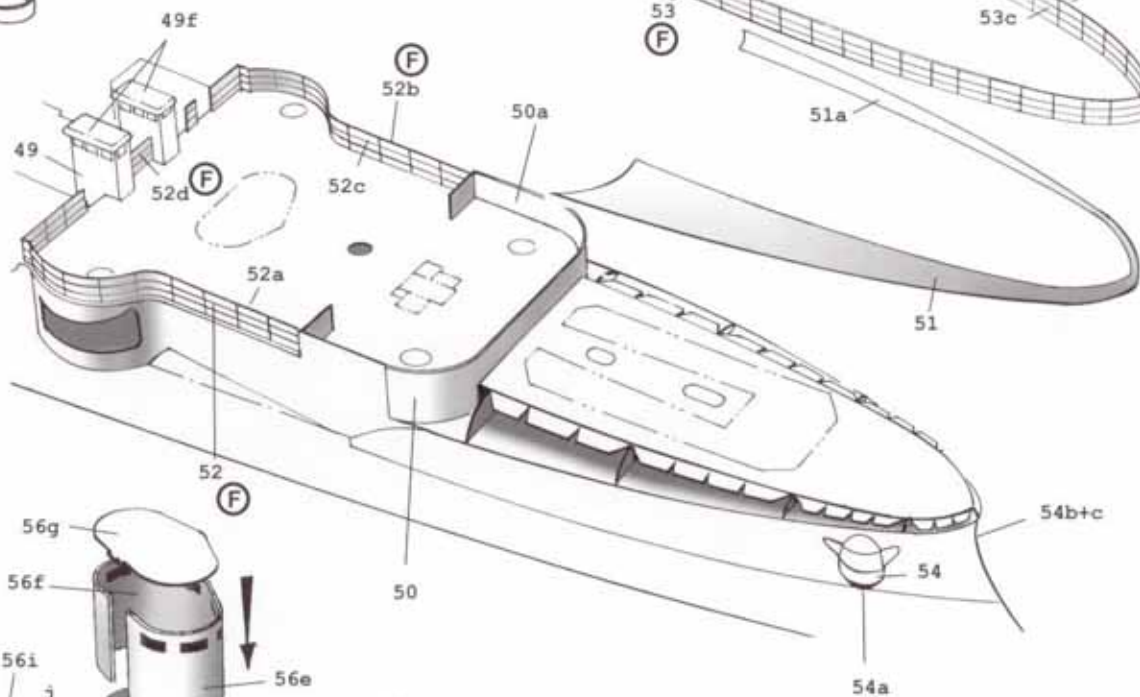
14. Teile/parts 49, 125, Bogen/sheets 6, 7



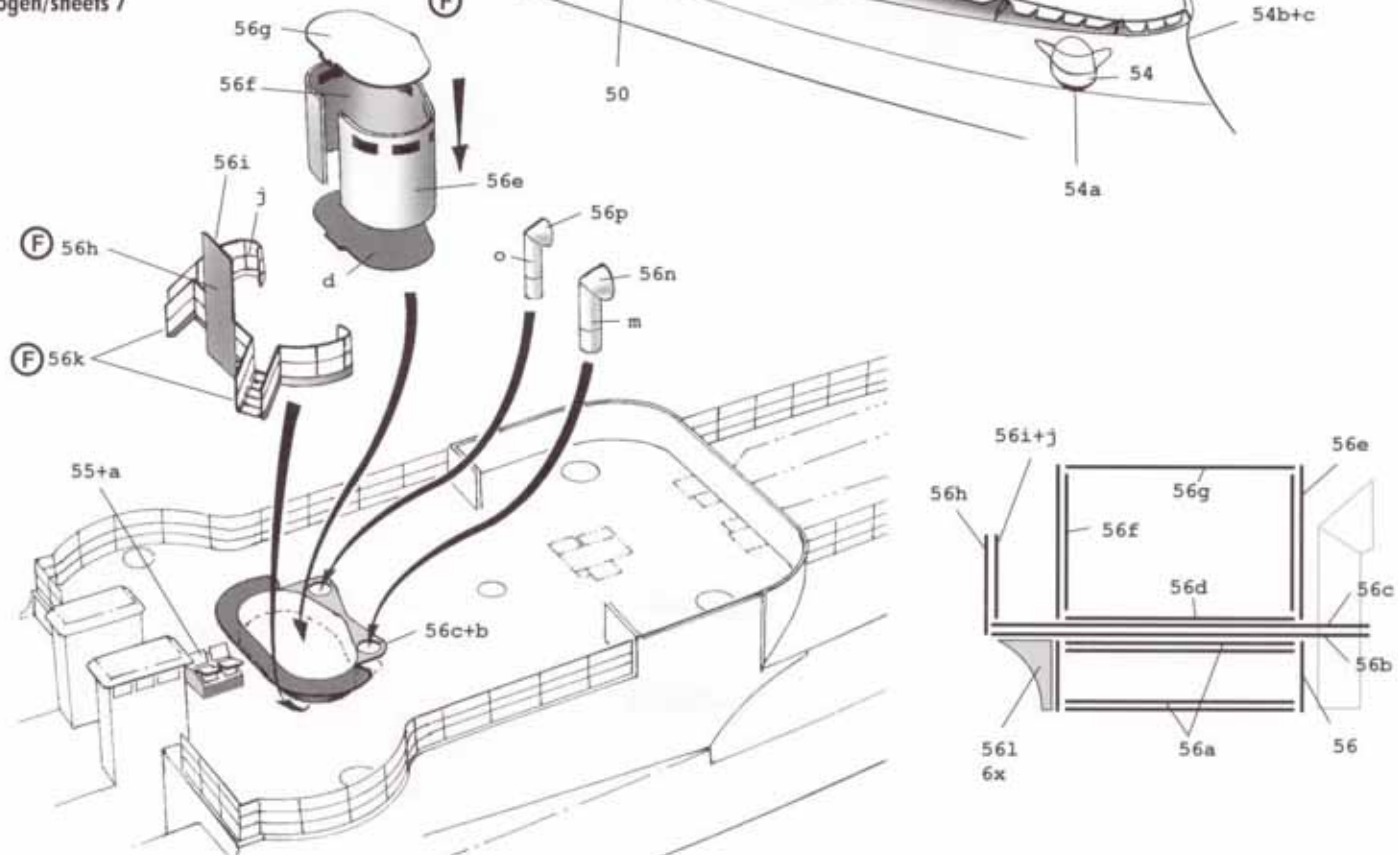
15. Teile/parts 49, 125, Bogen/sheets 6, 7



16. Teile/parts 50 - 54, Bogen/sheets 5, 9, 10



17. Teile/parts 55 - 56, Bogen/sheets 7



Kleiner Kreuzer » S.M.S. Undine «

(1904)

Bauwerft:	Howaldtswerke Kiel
Stapellauf:	11.12.1902
1. Indienststellung:	05.01.1904
Schiffsklasse:	Kleiner Kreuzer
Schwesterschiffe:	Amazone, Arcona, Ariadne, Frauenlob, Gazelle, Medusa, Niobe, Nymphe, Thetis
Typschiff:	Gazelle
Länge ü. a.:	105 m
Breite:	12,7 m
Verdrängung:	2.706/3.112 t
Tiefgang v./a.:	4,2/4,8 m
Leistung:	8.000 Psi
Geschwindigkeit:	21,5 Kn
Bewaffnung:	10 x 10,5 cm Schnellfeuerkanonen, 10 x 3,7 cm Maschinenkanonen, 10 x 0,8 cm MG

S.M.S. „Undine“ wurde als letztes Schiff der „Gazelle“-Klasse auf der Howaldtswerft in Kiel gebaut. Beim Stapellauf übernahm der Deutsche Flottenverein die Patenschaft. Am 5.1.1904 wurde der Kreuzer für Probefahrten in Dienst gestellt. Es wurden u.a. Versuche mit dem neuen Anschütz-Kreiselkompaß unternommen.

Bereits am 23.3.1904 stellte Undine wieder außer Dienst und nahm erst ab 10.1.1905 Ihre Aufgabe als Artillerieschulschiff war. S.M.S. Undine ersetzte die alte Kreuzerkorvette Carola.

Bei einer Nachtübung im Oktober 1905 mit der IV. Torpedobootsdivision geriet das Führerboot S 126 vor den Bug der abgeblendet fahrenden Undine und wurde von ihr in zwei Teile zertrennt. S 126 sank sofort. Das nachfolgende Torpedoboot S 127 fuhr auf das Heck des sinkenden Torpedobootes auf und wurde dabei beschädigt. Undine schleppte S 127 nach Kiel ein.

1910 konnte S.M.S. Undine den bei schwerem Wetter in Seenot geratenen Dampfer Nordstern nach Kiel einschleppen. Am 12.7.1912 stellte sie außer Dienst und wurde nach einer Grundreparatur in die Reserve eingereiht. Mit Kriegsbeginn kehrte der Kleine Kreuzer Undine am 4.8.1914 aus der Reserve zurück und wurde der Küstenschutzdivision zugeteilt. Zeitweise diente er dem Chef der Küstenschutzdivision, Vizeadmiral Mischke, als Flaggschiff.

Ein jähes Ende ereilte S.M.S. Undine, als sie am 7.11.1915 das Fährschiff Preußen von Trelleborg nach Saßnitz geleitete. Auf dieser Fahrt erhielt der Kreuzer vom englischen U-Boot E 19 zwei Treffer, worauf er sehr schnell über den Bug sank. Vorderer Schornstein und Mast kippten nach Backbord um und erschlugen im Wasser schwimmende Besatzungsmitglieder. Die Überlebenden wurden vom Fährschiff Preußen und dem Torpedoboot V 154 gerettet.

Konstruktion: Peter Brandt
Verlag: Hamburger Modellbaubogen Verlag
Scheuer & Strüver GmbH
Jollassestieg 4-8 · 22303 Hamburg
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Kleiner Kreuzer
» S.M.S. Undine «
(1904)

HAMBURGER
MODELLBAUBOGEN VERLAG

Scheuer & Strüver GmbH

10 Bogen

908(1429) Teile sehr schwierig

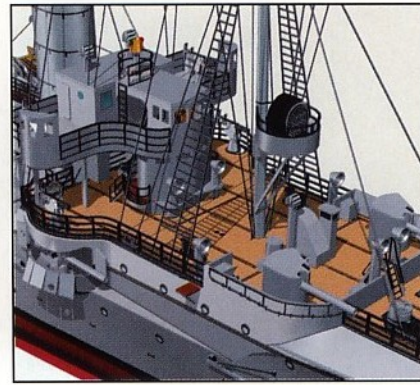
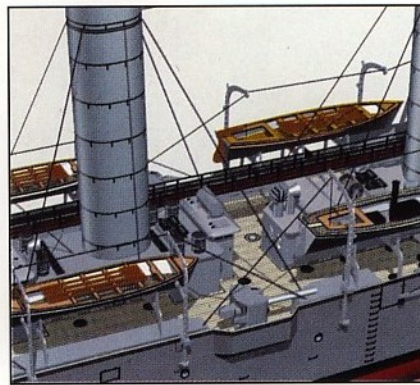
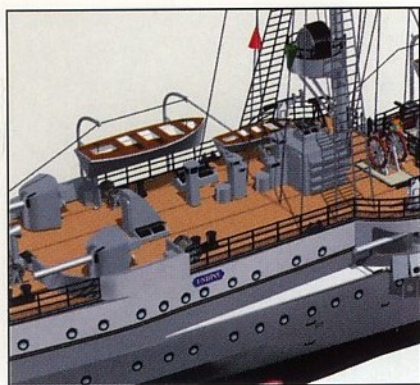
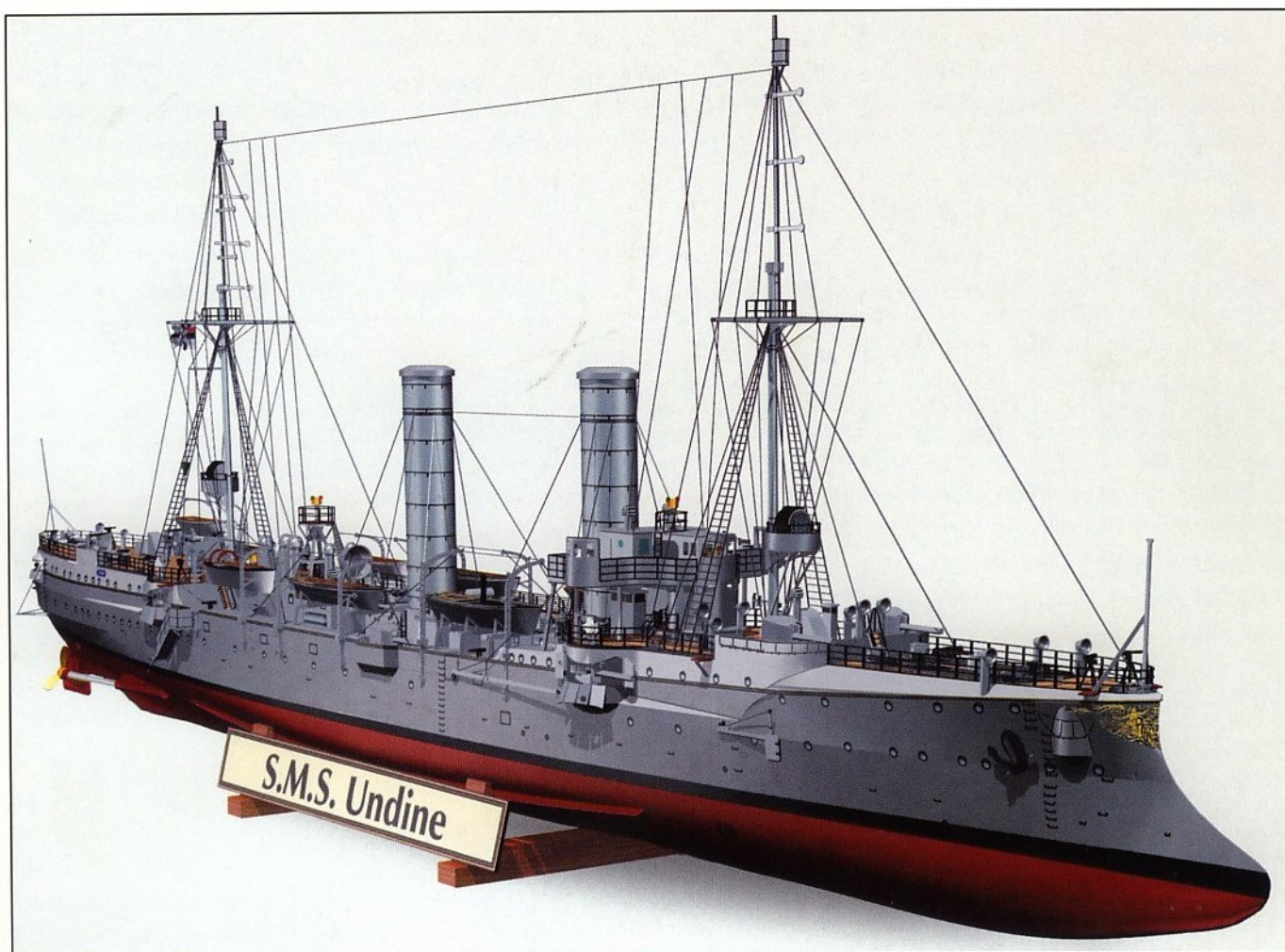


Kleiner Kreuzer
» S.M.S. Undine «

Maßstab 1:250 · Länge 42 cm

Konstruktion: Peter Brandt

HAMBURGER MODELLBAUBOGEN VERLAG · Scheuer & Strüver GmbH



Kleiner Kreuzer » S.M.S. Undine «

Allgemeines zum Bau von Kartonmodellbaubogen:

Zum Bau eines Modellbaubogens werden nur wenige Werkzeuge benötigt: eine Schere, ein Bastelmesser, ein Metalllineal, eine gute Pinzette und handelsüblicher Alleskleber. Wer mag, kann weitere nützliche Hilfsmittel wie Zahnstocher, Rundhölzer verschiedener Durchmesser und eine Stopfnadel verwenden. Farbstifte zum Einfärben von Schnittkanten sind ebenfalls sinnvoll. Alle Teile werden auf der Linie ausgeschnitten. Das Modell sollte in der von der Bauanleitung vorgegebenen Reihenfolge zusammengebaut werden. Damit nichts verloren geht, jeweils nur die gerade benötigten Bauteile ausschneiden. Komplizierte Teile vor der endgültigen Montage sorgfältig anpassen. Dünne hohle Bauteile (z. B. Masten) können mit Draht versteift werden, um eine höhere Stabilität zu erzielen. Einige Bauteile werden ggf. durch Verdoppeln oder Verdreifachen auf Abfallkarton verstärkt. Das Spantengerüst sollte auf einer möglichst ebenen Unterlage (z. B. einer Glasplatte) montiert und vorsichtig beschwert werden, um Verzug während der Aushärtezeit zu vermeiden. Nach Montage der Decks und der Außenhaut das Modell ebenfalls vorsichtig beschweren. Dem Klebstoff immer genug Zeit zum Aushärten lassen. Und nun viel Spaß beim Bau Ihrer Undine!

Liniencode:

- — — — — Auf der bedruckten Seite ritzen und nach hinten knicken.
 - - - - - Auf der Rückseite ritzen und nach vorn knicken, dazu ggf. mit einer Nadel die Eckpunkte durchstechen.
 - · · · · Begrenzungslinie für aufzuklebende Bauteile. Die kursivgeschriebene Nummer gibt das anzuklebende Teil an.
- einschneiden
- (A) alternatives Bauteil
- (F) Kann durch ein Fotoätzteil ersetzt werden (in extra erhältlichem Super Detail Set enthalten).
- == Mit Abfallkarton verdoppeln. === Mit Abfallkarton verdreifachen.
- Bb = Backbord (links), Stb = Steuerbord (rechts) V = vorn H = hinten

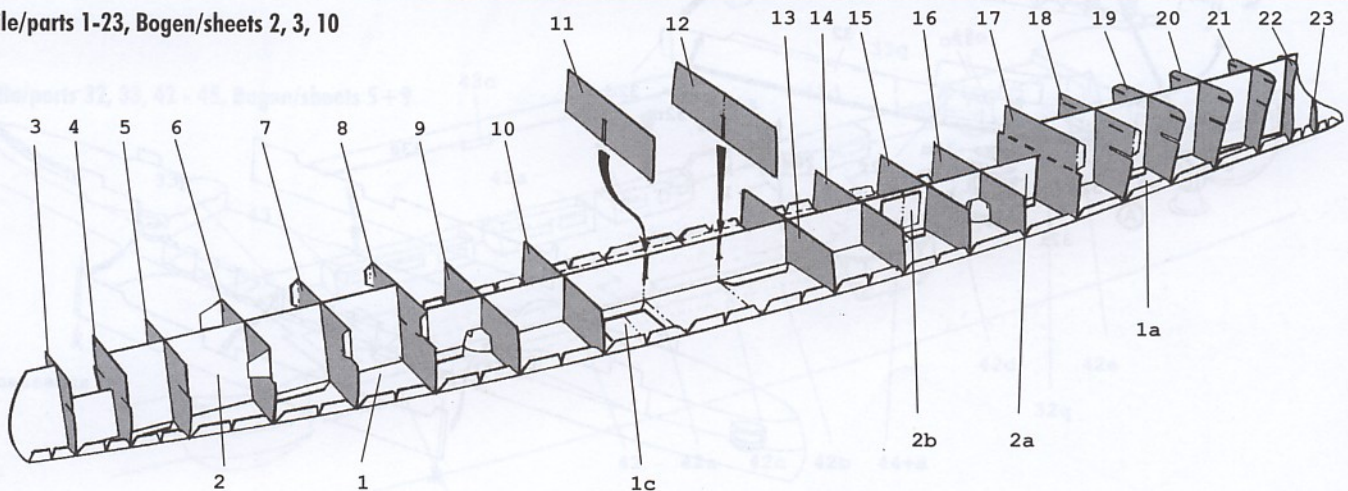
General Cardmodeling Construction Principles:

Building paper models requires only a few necessary tools: a pair of scissors, a hobby knife, a metal ruler, a pair of tweezers and a good glue. If desired one can also use aids such as toothpicks and dowels of different sizes. Felt pens are good for colouring the cut edges of the parts. All parts are to be cut out right on the lines. The model is built in numerical order following the instructions and checking the title picture. To keep from loosing or mixing up parts only cut them out as they are needed. Dry fit complicated parts before gluing. Thin hollow parts such as masts can be stiffened with wire, round toothpicks or small dowels. Some parts are doubled by first gluing the rough-cut parts on scraps of the same card and then cutting out exactly. The frame must be built on a perfectly even surface to prevent warping. After mounting the decks and hull sides carefully weight the model down while the glue sets, again to avoid warping. Now enjoy building your Undine!

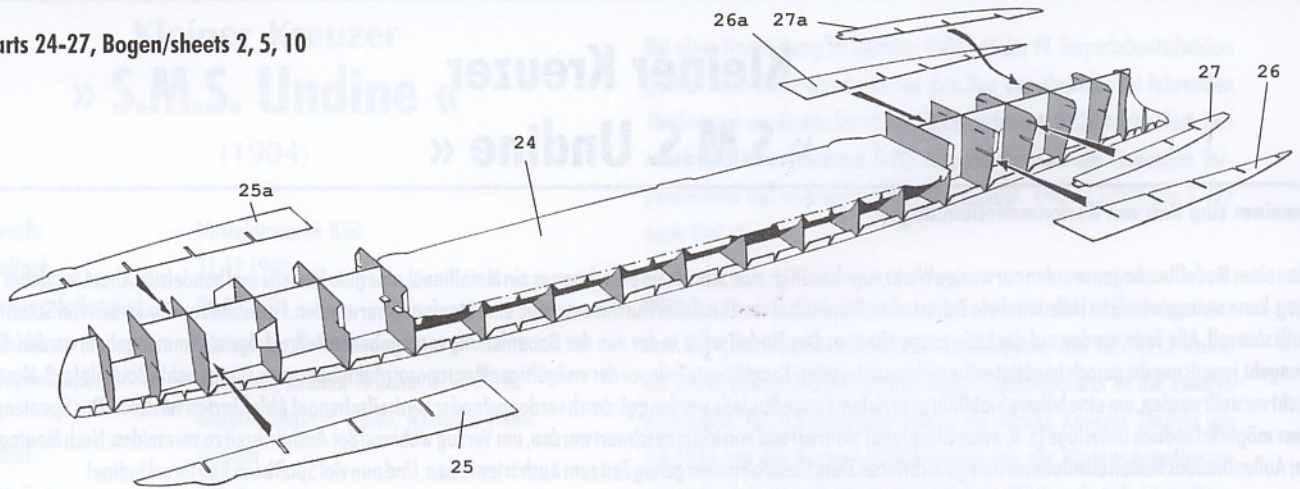
Liniencode:

- — — — — Score on the printed side and fold down.
 - - - - - Score on back side and fold up. Make pinholes at the ends of the lines, turn over and score between them.
 - · · · · Outline of area on which another part is glued. The number inside the area is that of the part to be attached.
- Cut along this line.
- (A) alternative
- (F) Can be replaced by photo-etched fine detail components (extra set available, not included).
- == double === triple
- Bb = Port (left), Stb = Starboard (right) V = bow H = stern

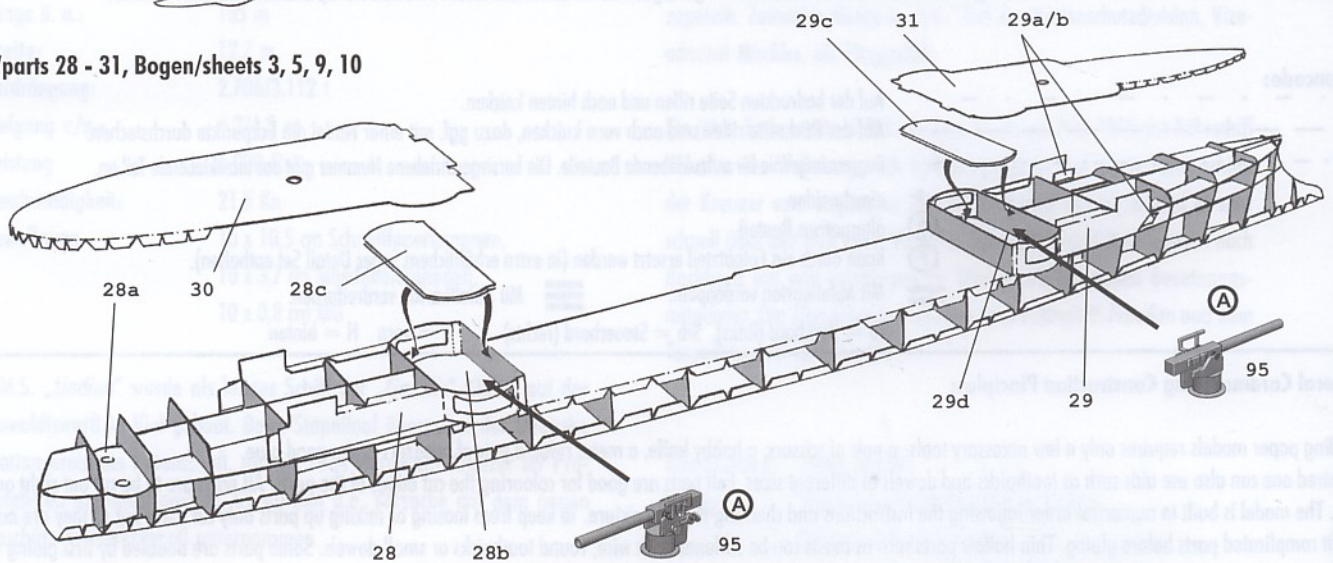
1. Teile/parts 1-23, Bogen/sheets 2, 3, 10



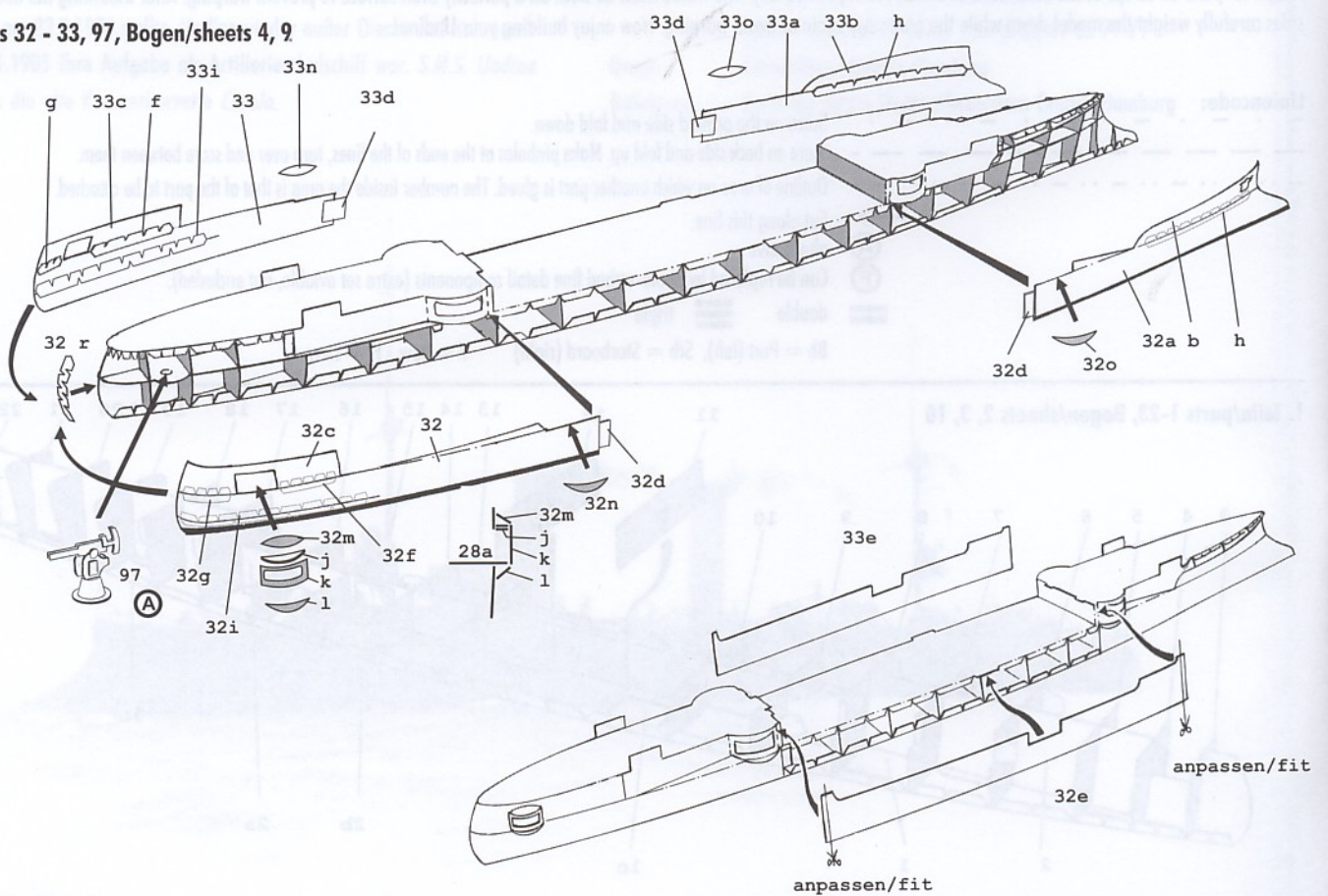
2. Teile/parts 24-27, Bogen/sheets 2, 5, 10



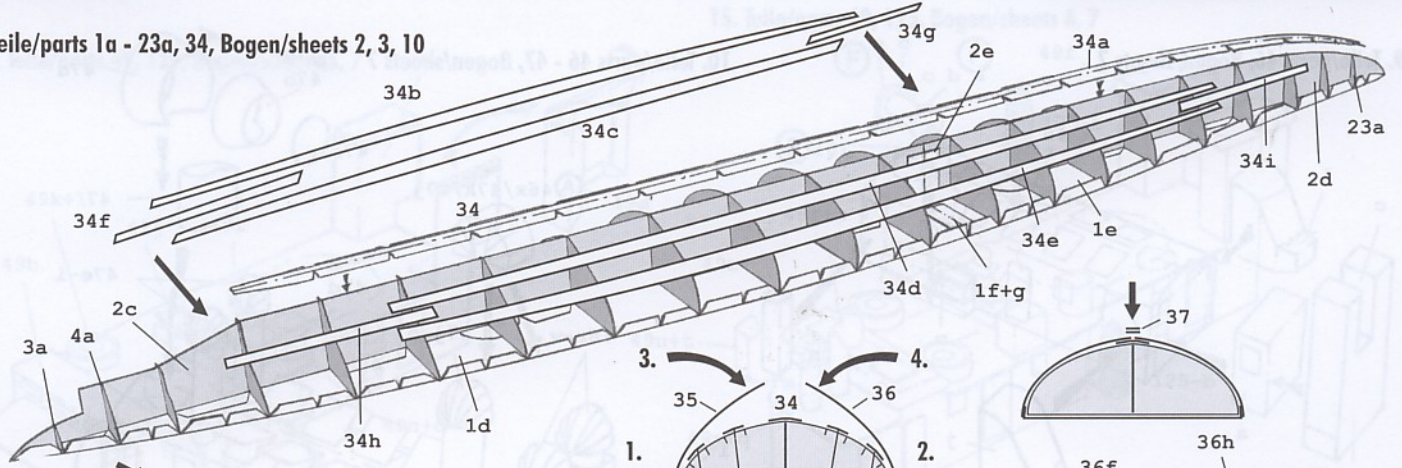
3. Teile/parts 28 - 31, Bogen/sheets 3, 5, 9, 10



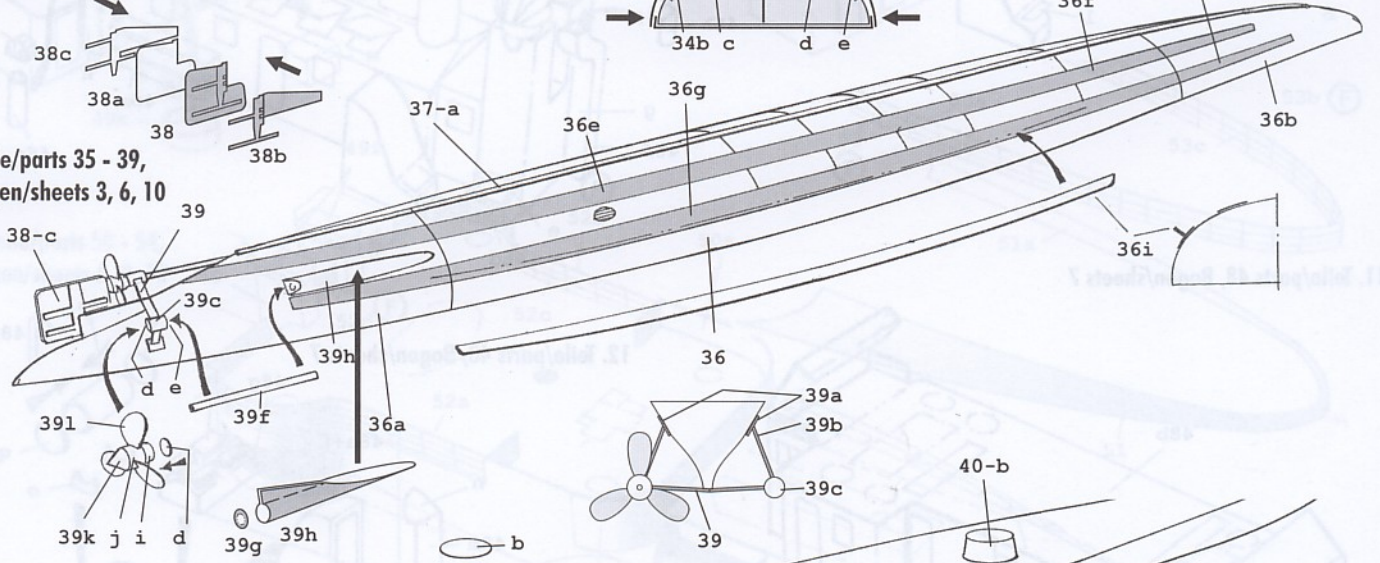
4. Teile/parts 32 - 33, 97, Bogen/sheets 4, 9



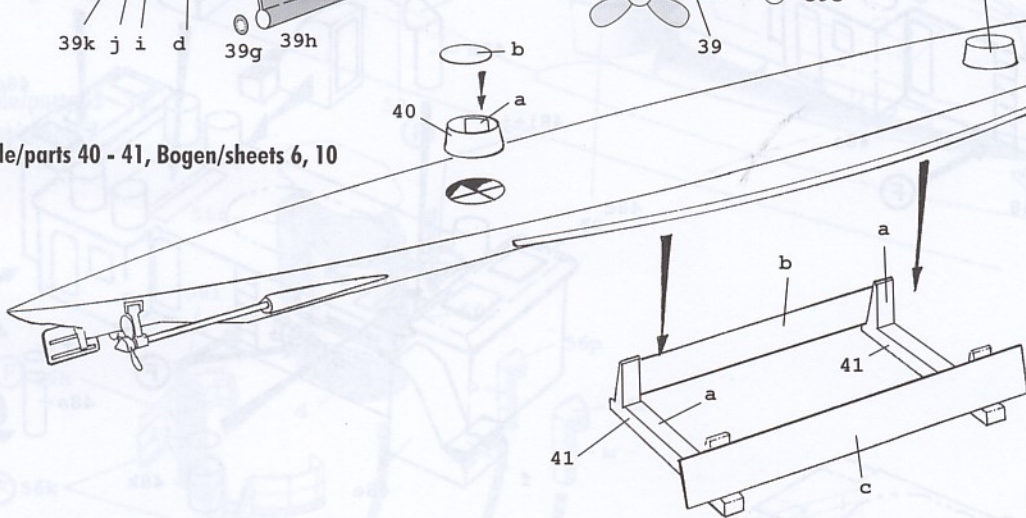
5. Teile/parts 1a - 23a, 34, Bogen/sheets 2, 3, 10



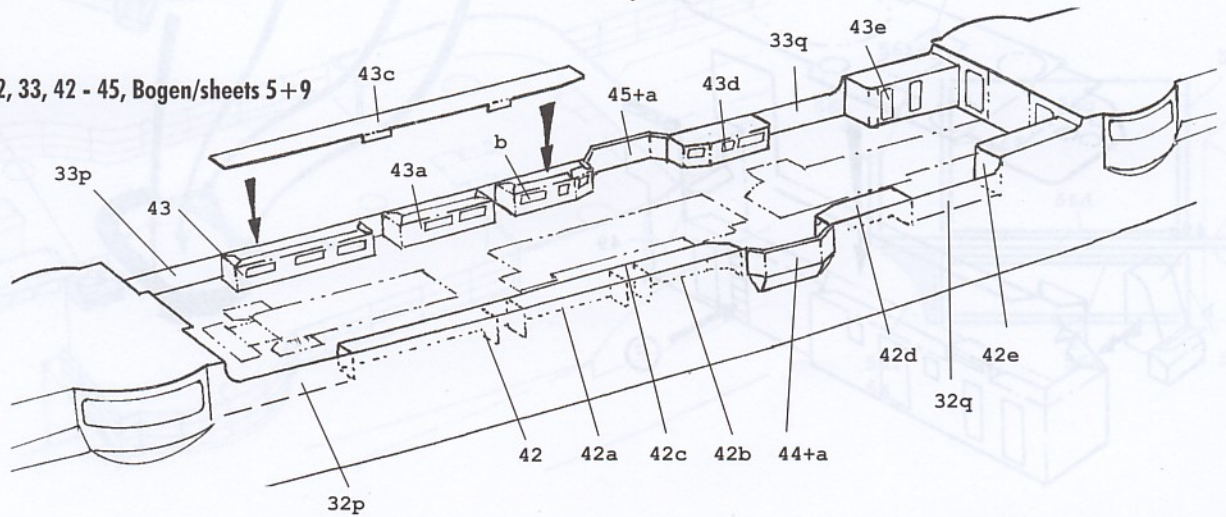
6. Teile/parts 35 - 39, Bogen/sheets 3, 6, 10



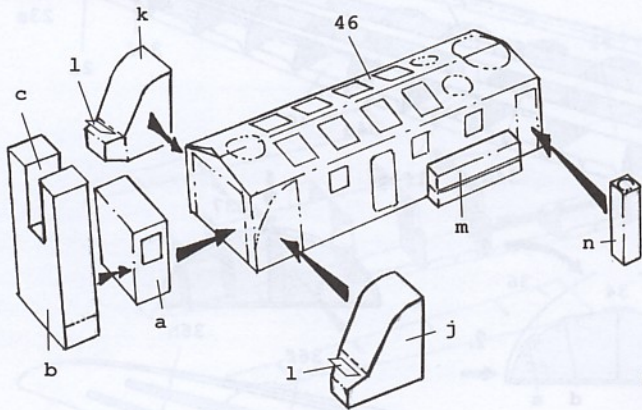
7. Teile/parts 40 - 41, Bogen/sheets 6, 10



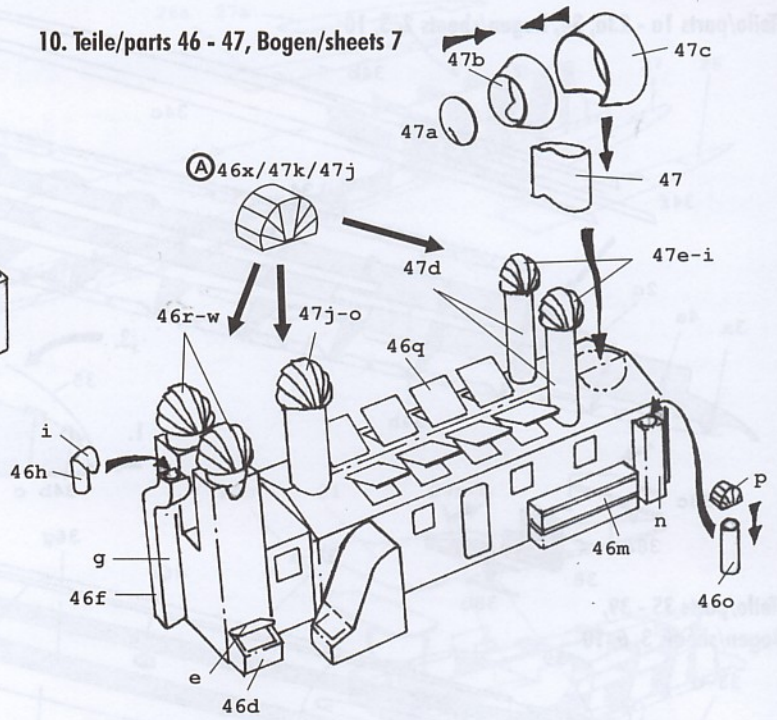
8. Teile/parts 32, 33, 42 - 45, Bogen/sheets 5+9



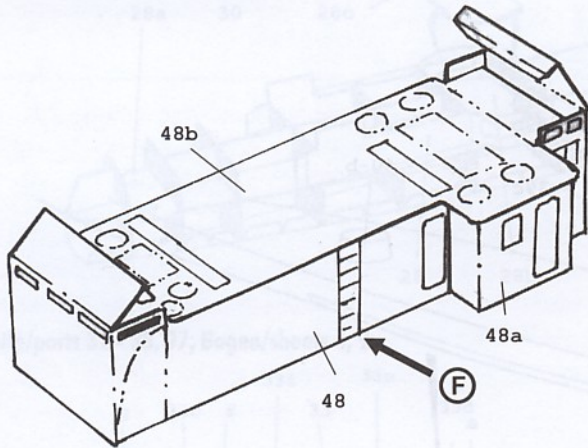
9. Teile/parts 46, Bogen/sheets 7



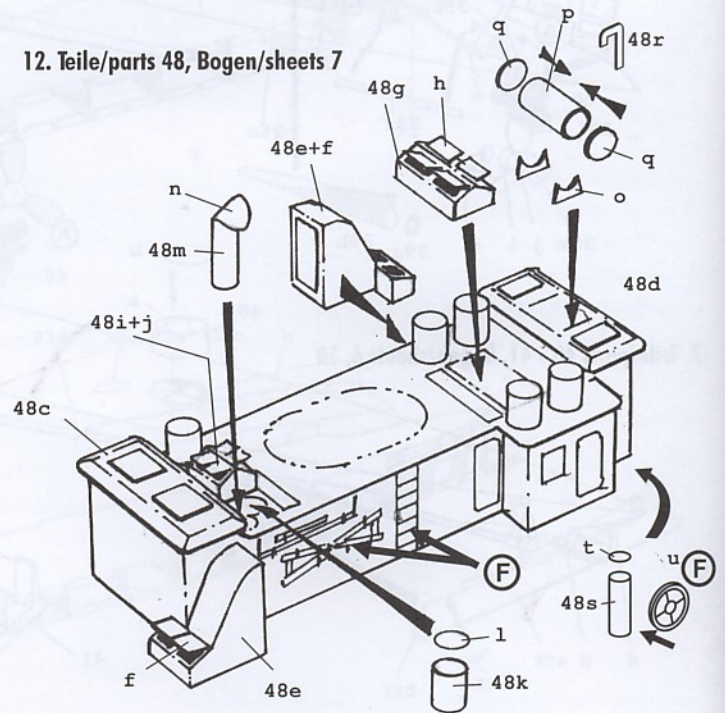
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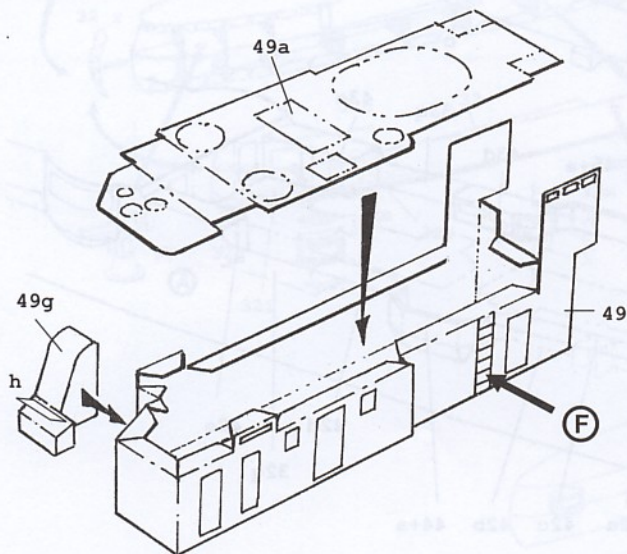
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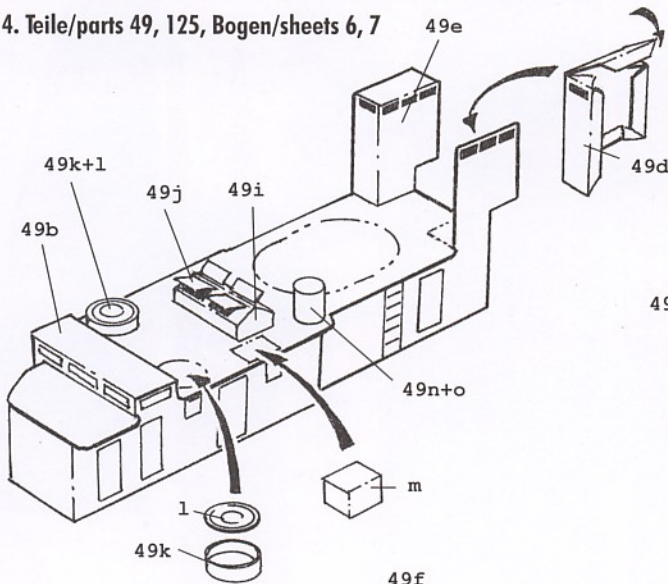
12. Teile/parts 48, Bogen/sheets 7



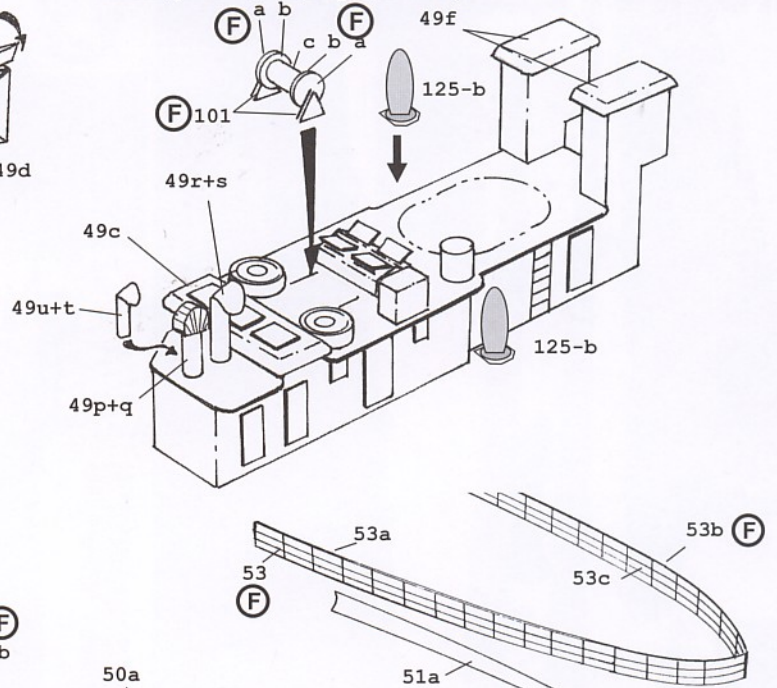
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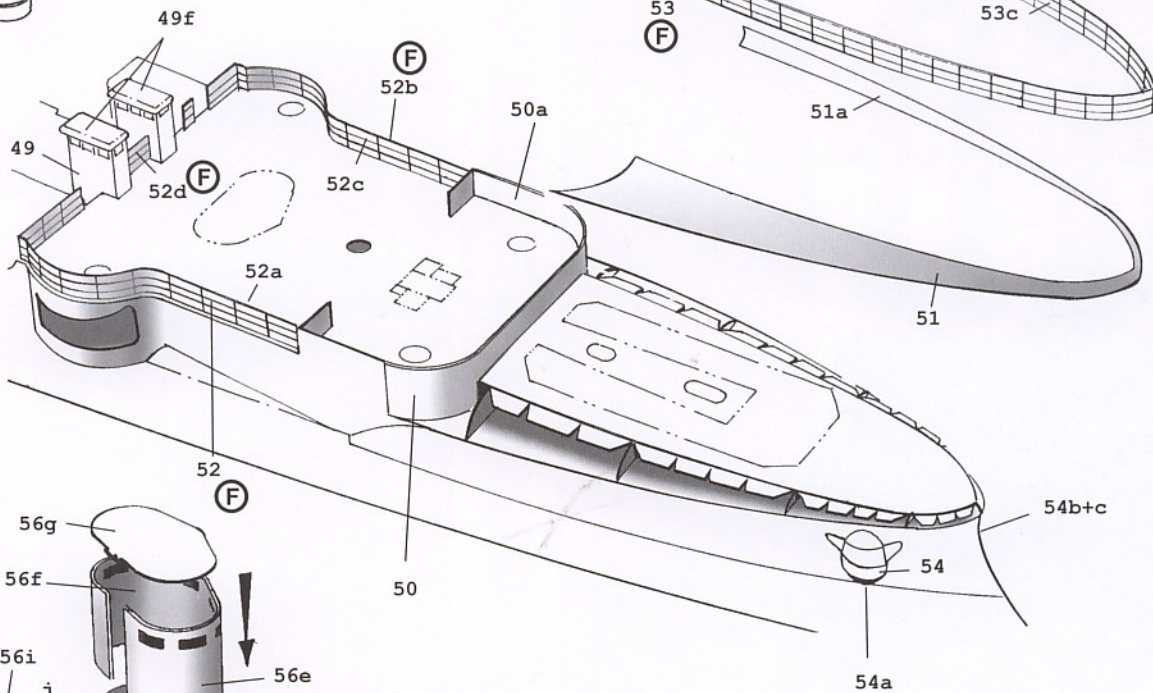
14. Teile/parts 49, 125, Bogen/sheets 6, 7



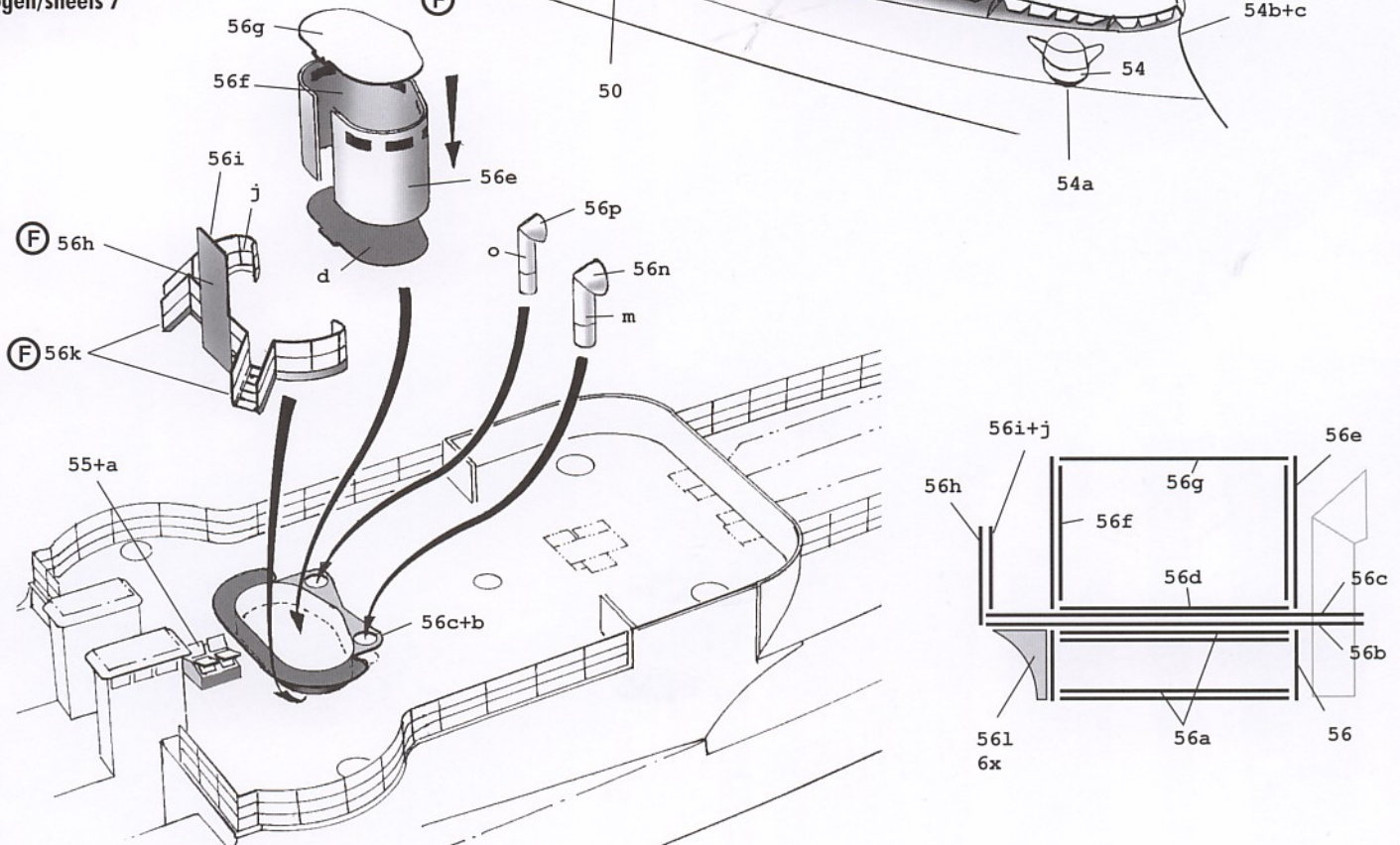
15. Teile/parts 49, 125, Bogen/sheets 6, 7



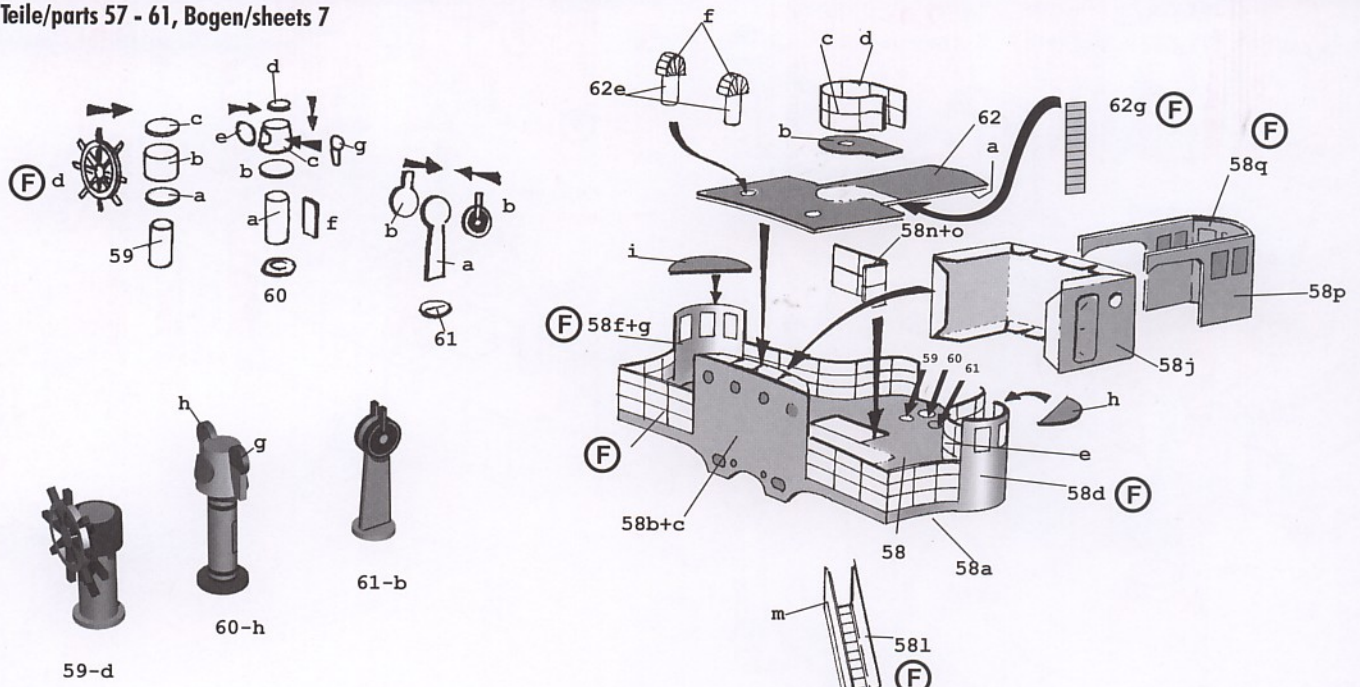
16. Teile/parts 50 - 54, Bogen/sheets 5, 9, 10



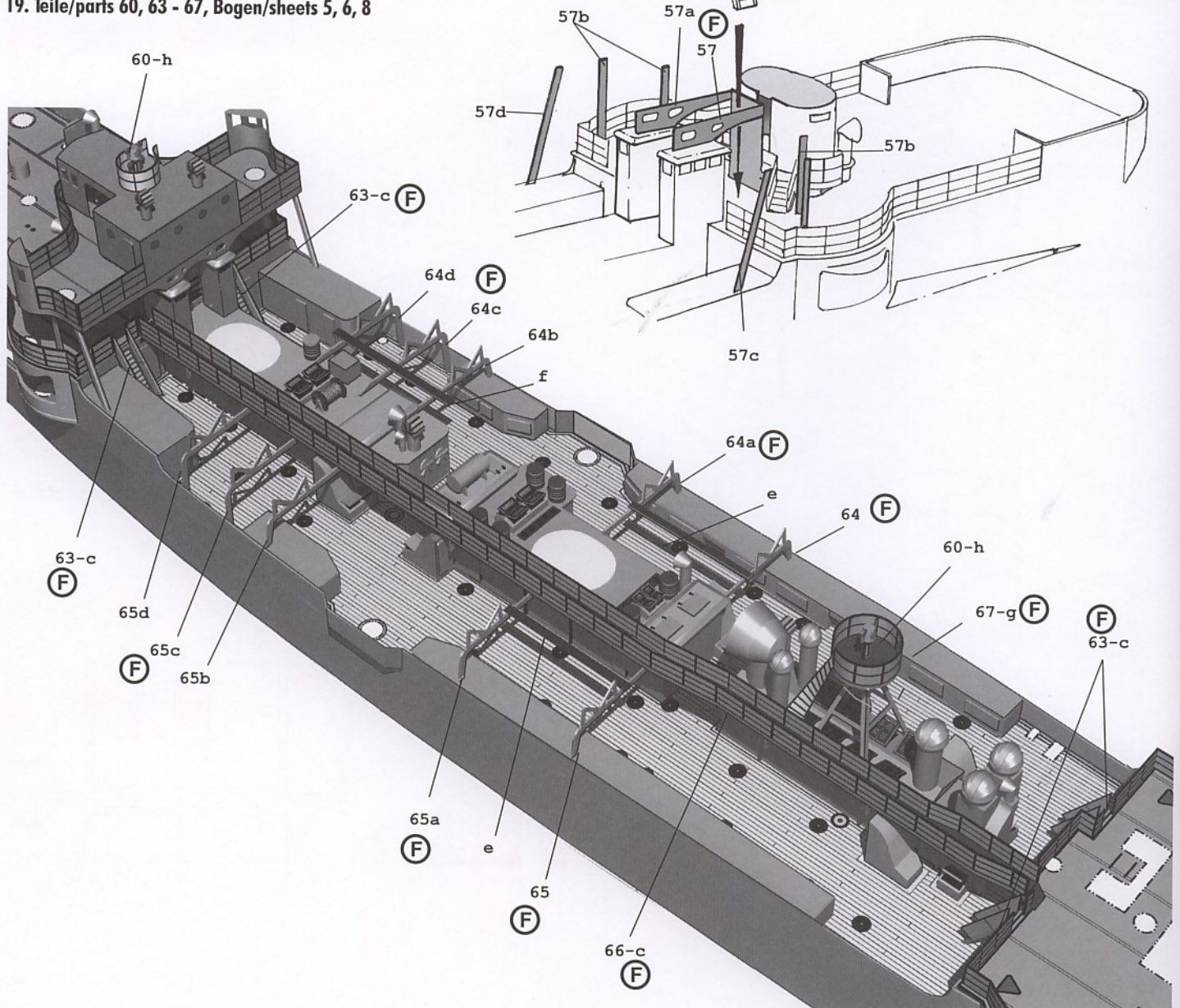
17. Teile/parts 55 - 56, Bogen/sheets 7

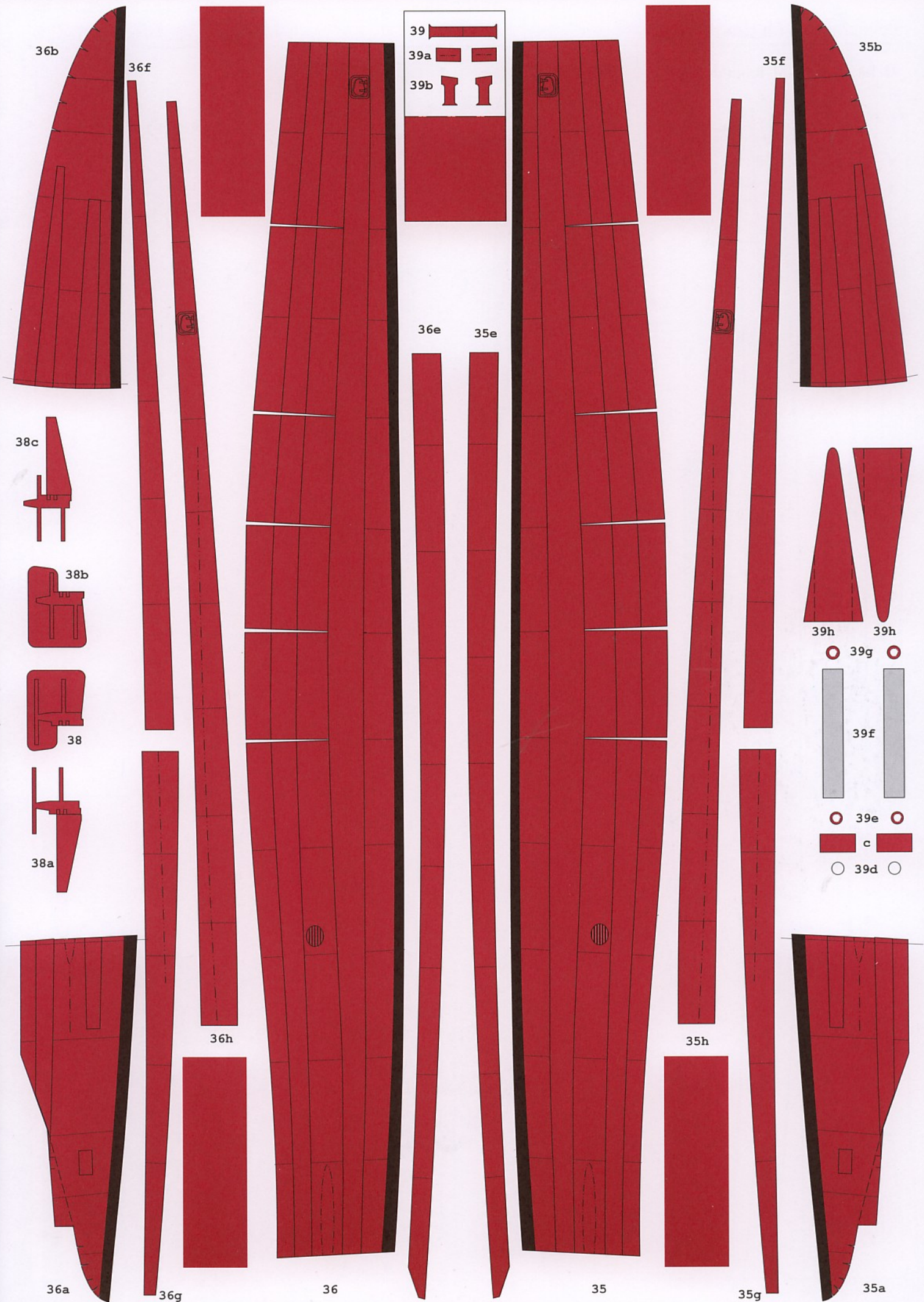


18. Teile/parts 57 - 61, Bogen/sheets 7



19. Teile/parts 60, 63 - 67, Bogen/sheets 5, 6, 8





39

39a

39b

39h

39g

39f

39e

c

39d

36b

36f

35b

35f

36e

35e

38c

38b

38

38a

36h

35h

36a

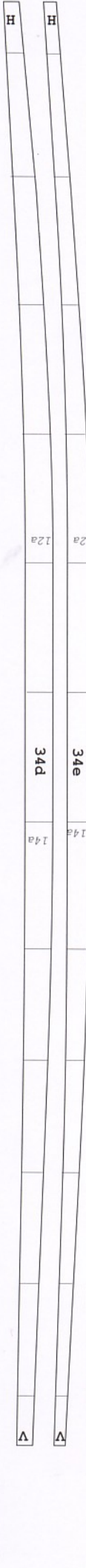
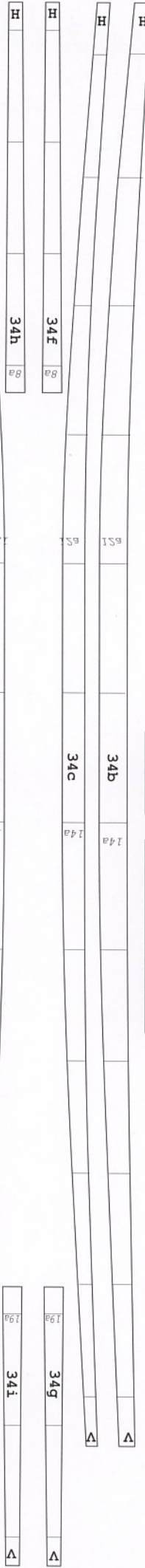
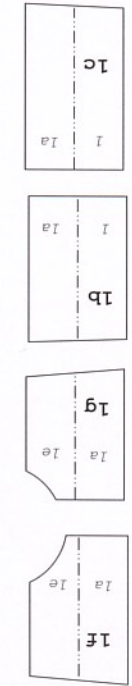
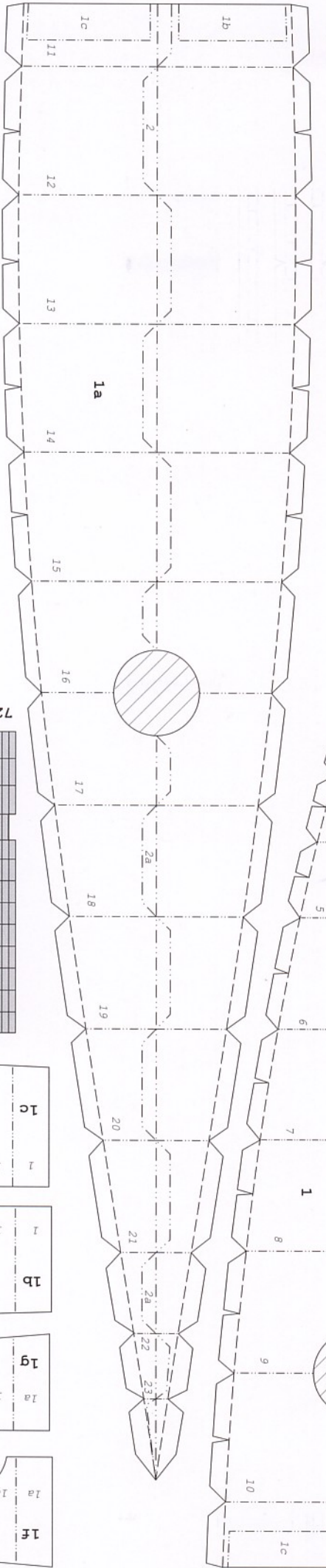
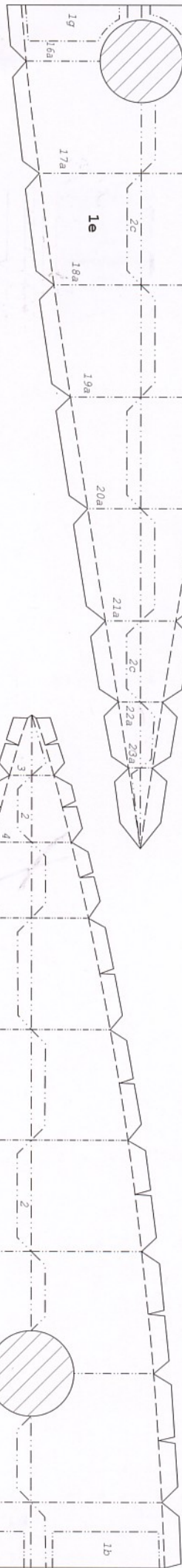
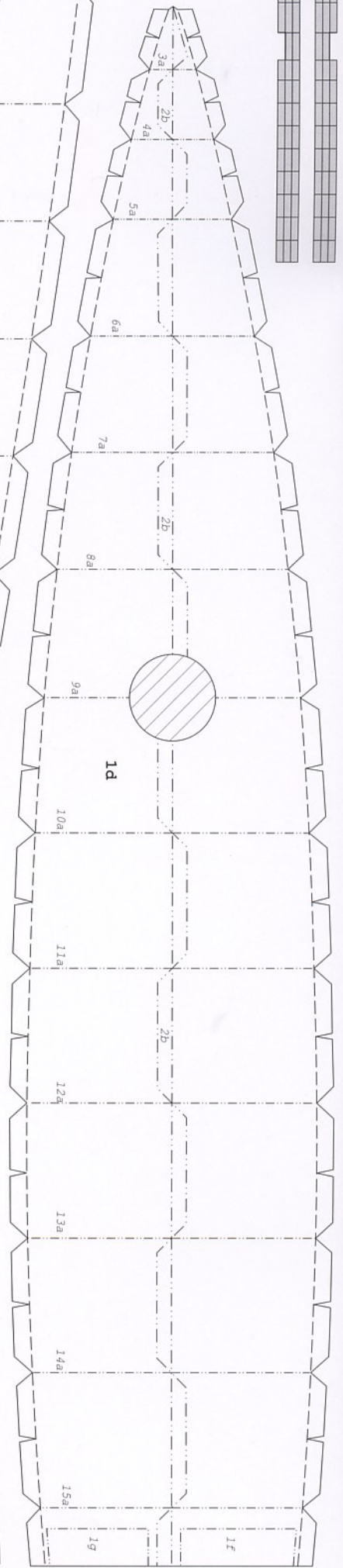
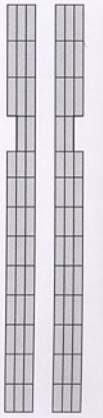
36g

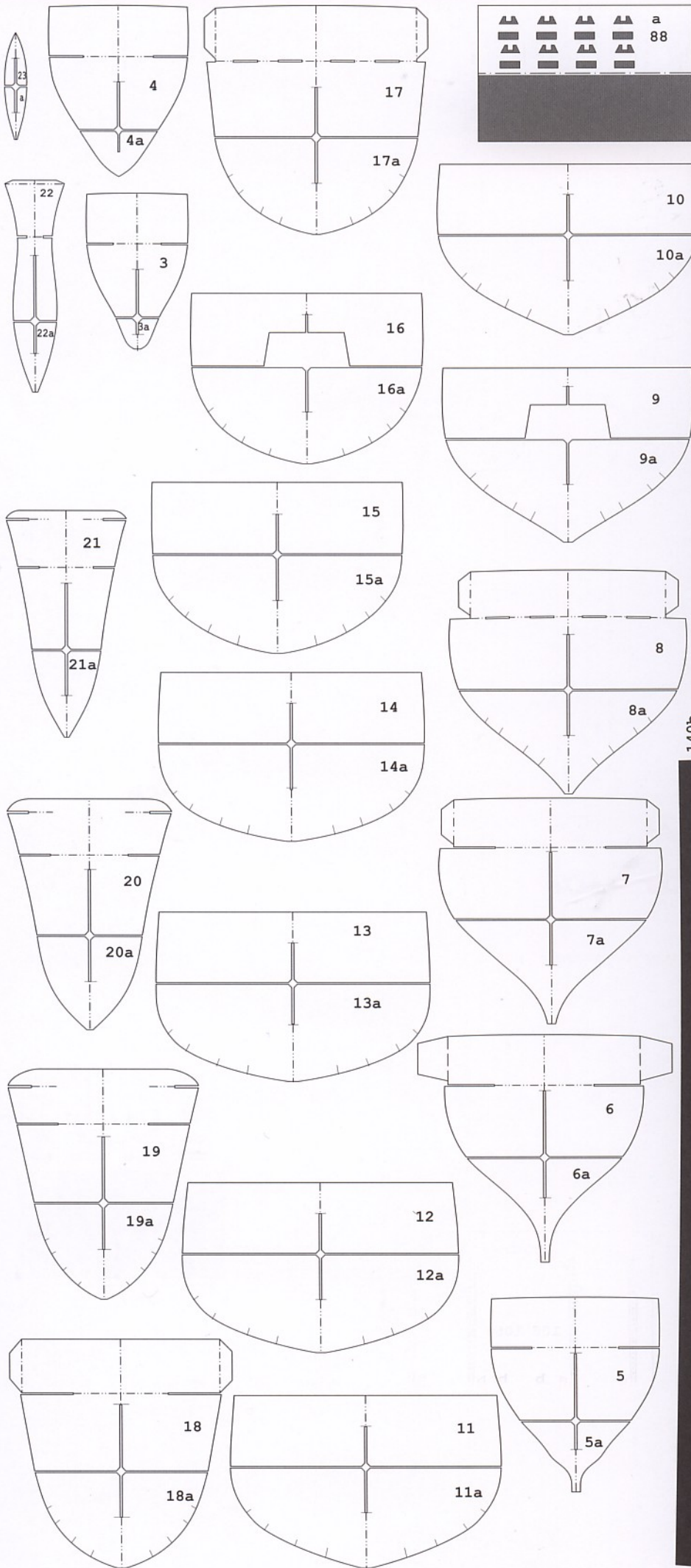
36

35

35g

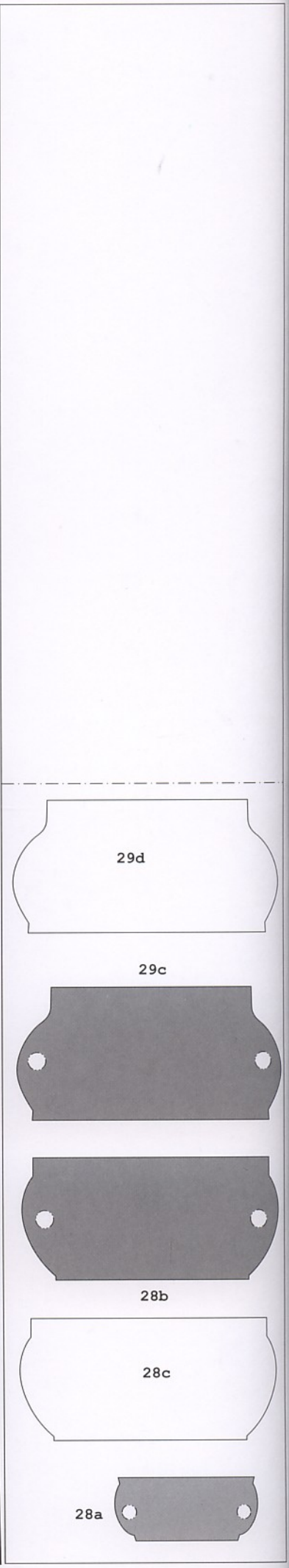
35a

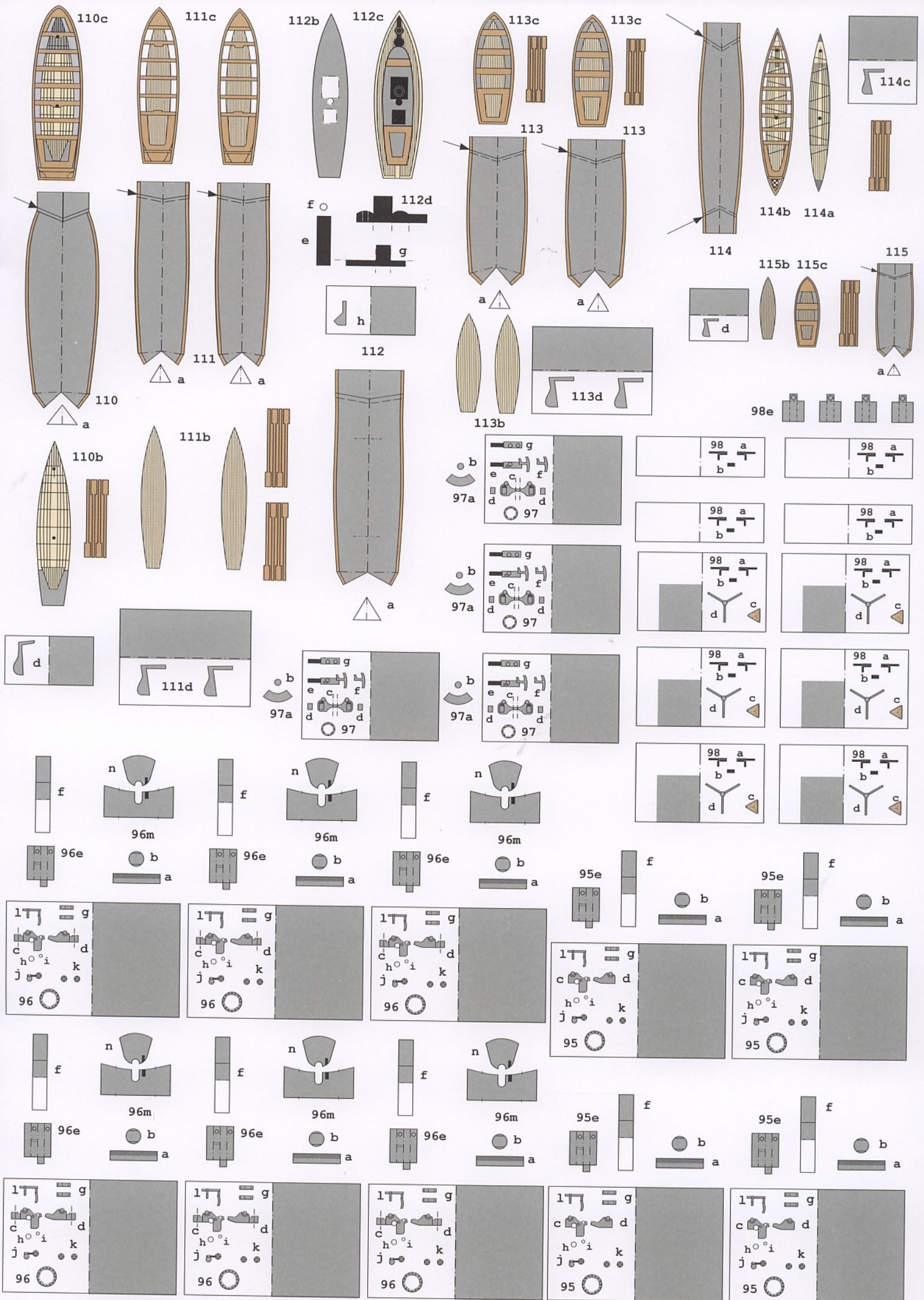


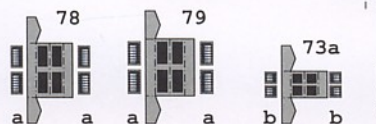
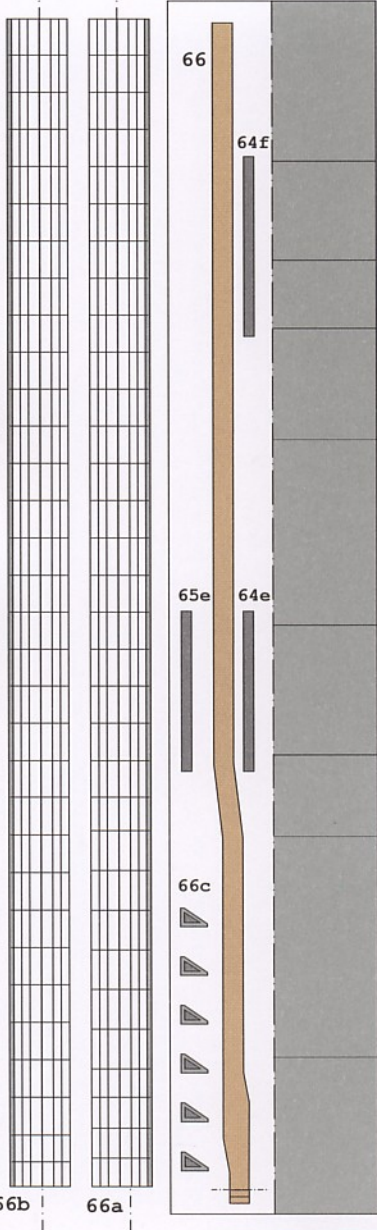
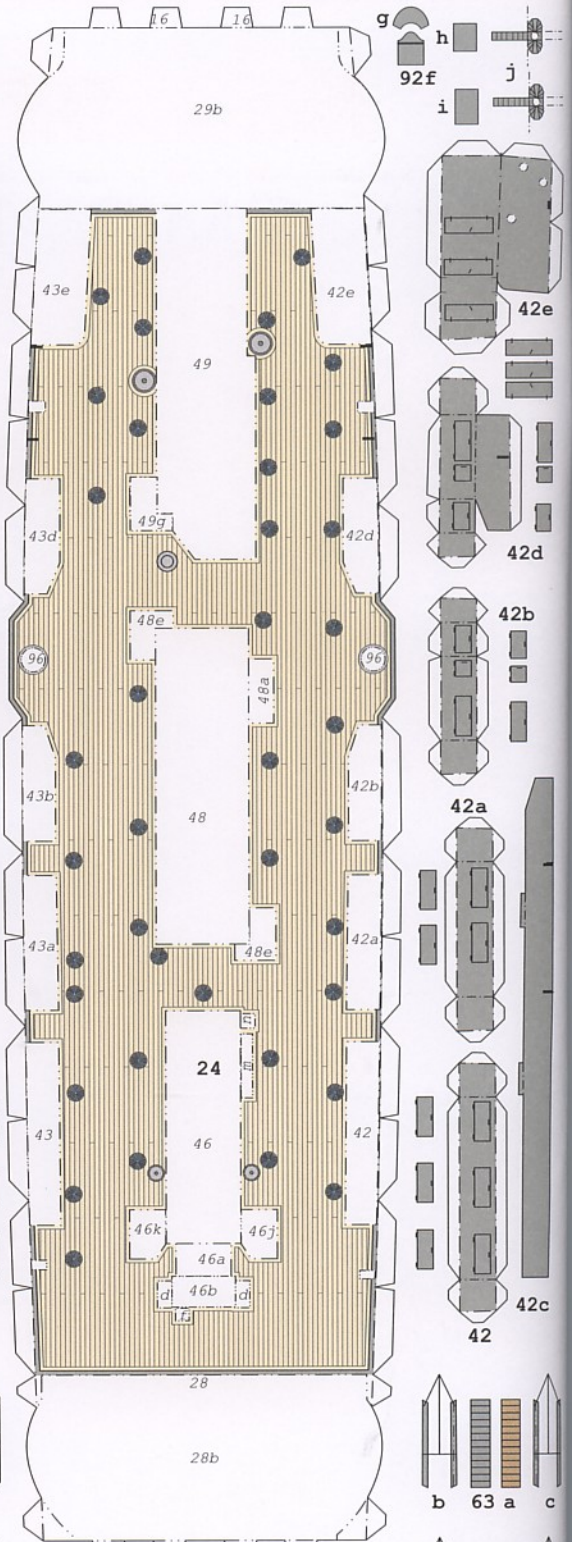
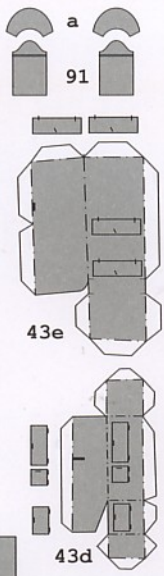
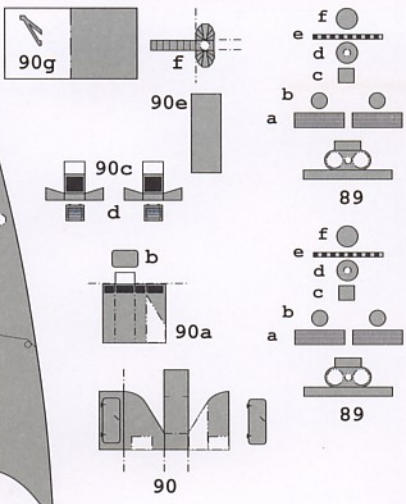
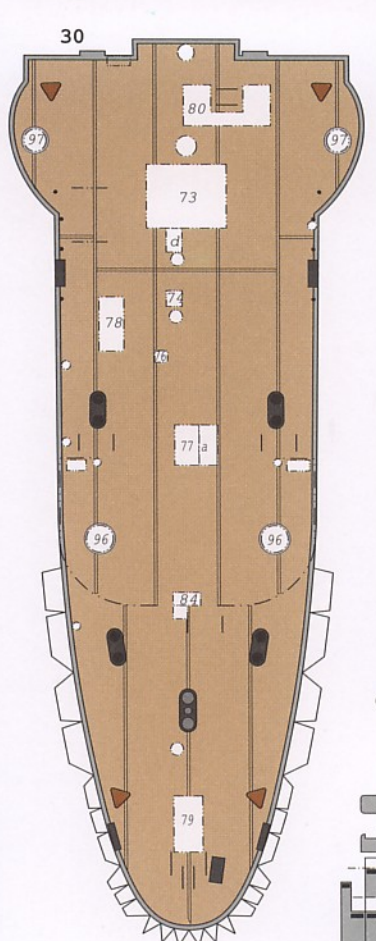
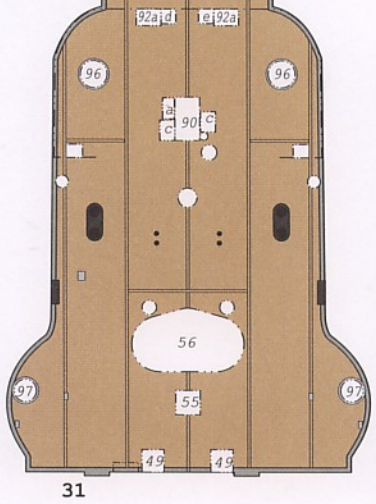
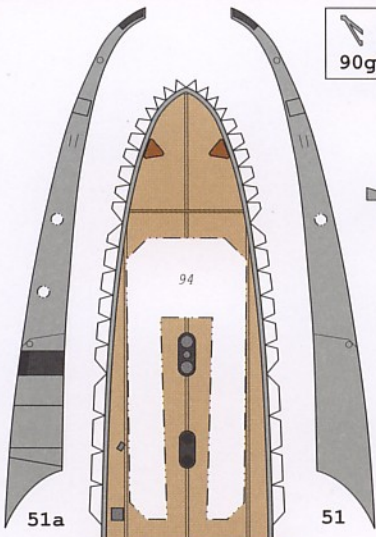


140b
140c

140a
140





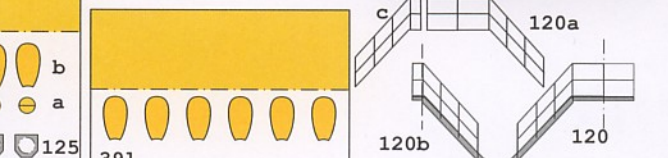
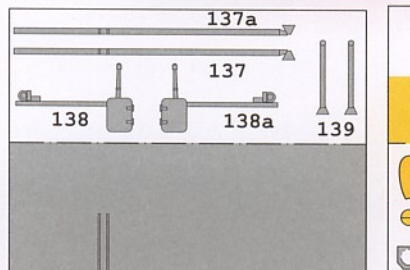
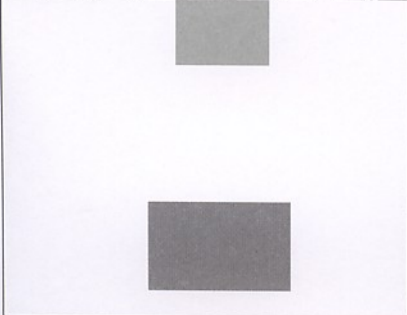
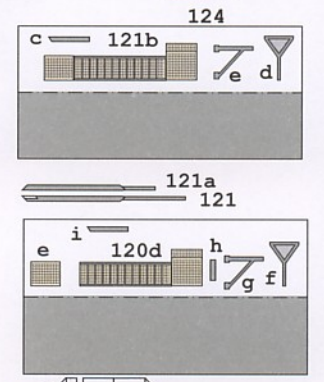
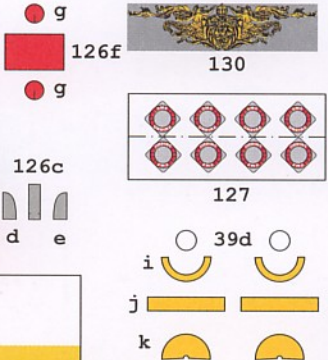
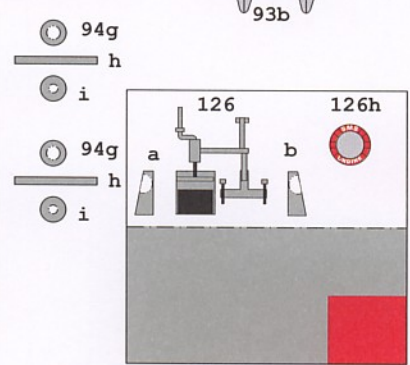
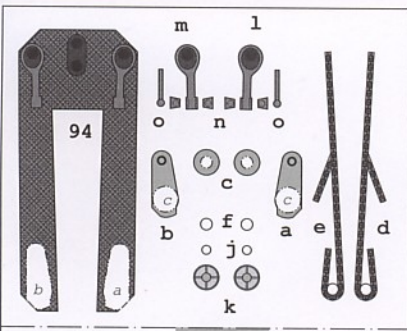
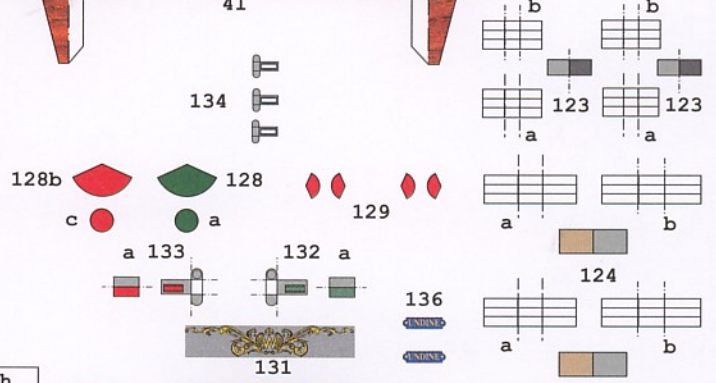
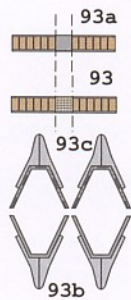
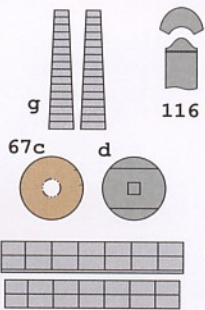
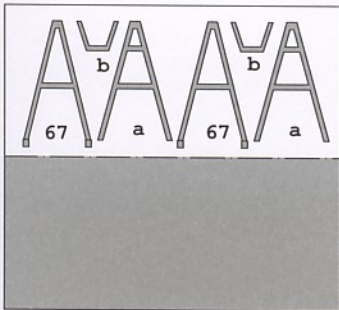
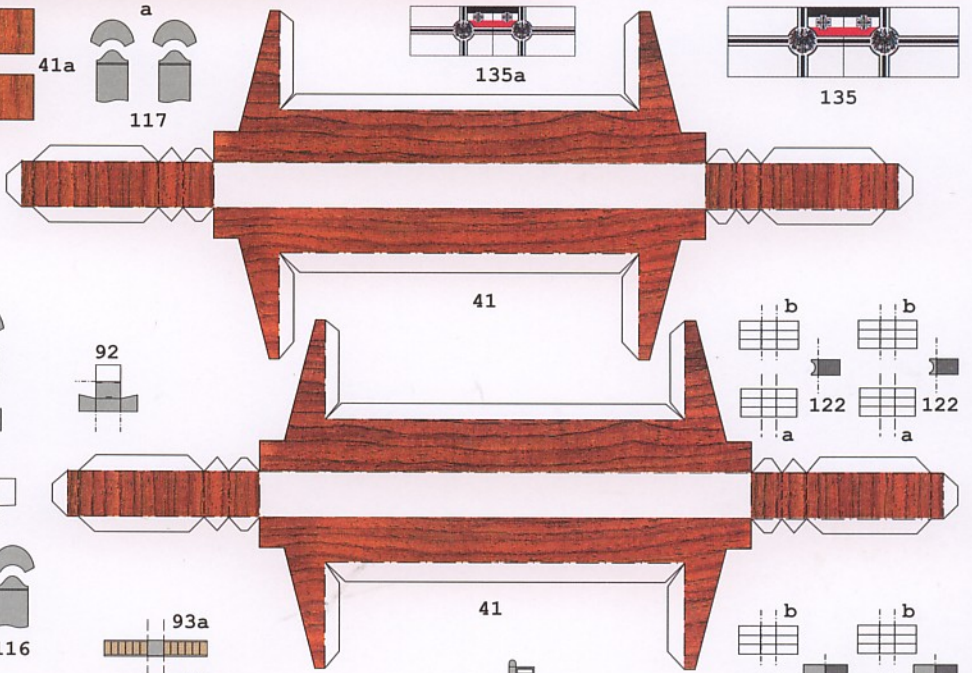
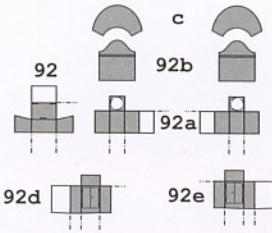
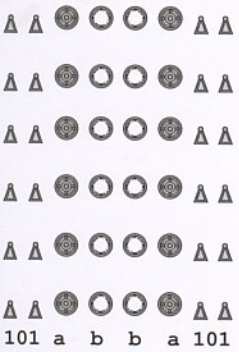
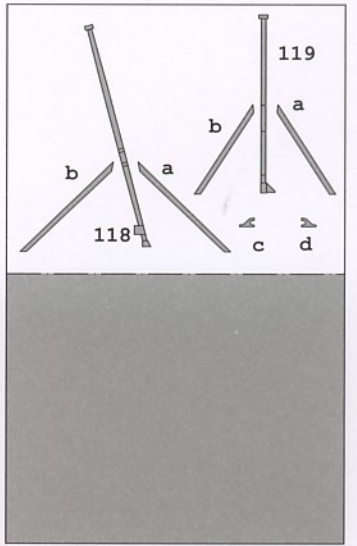


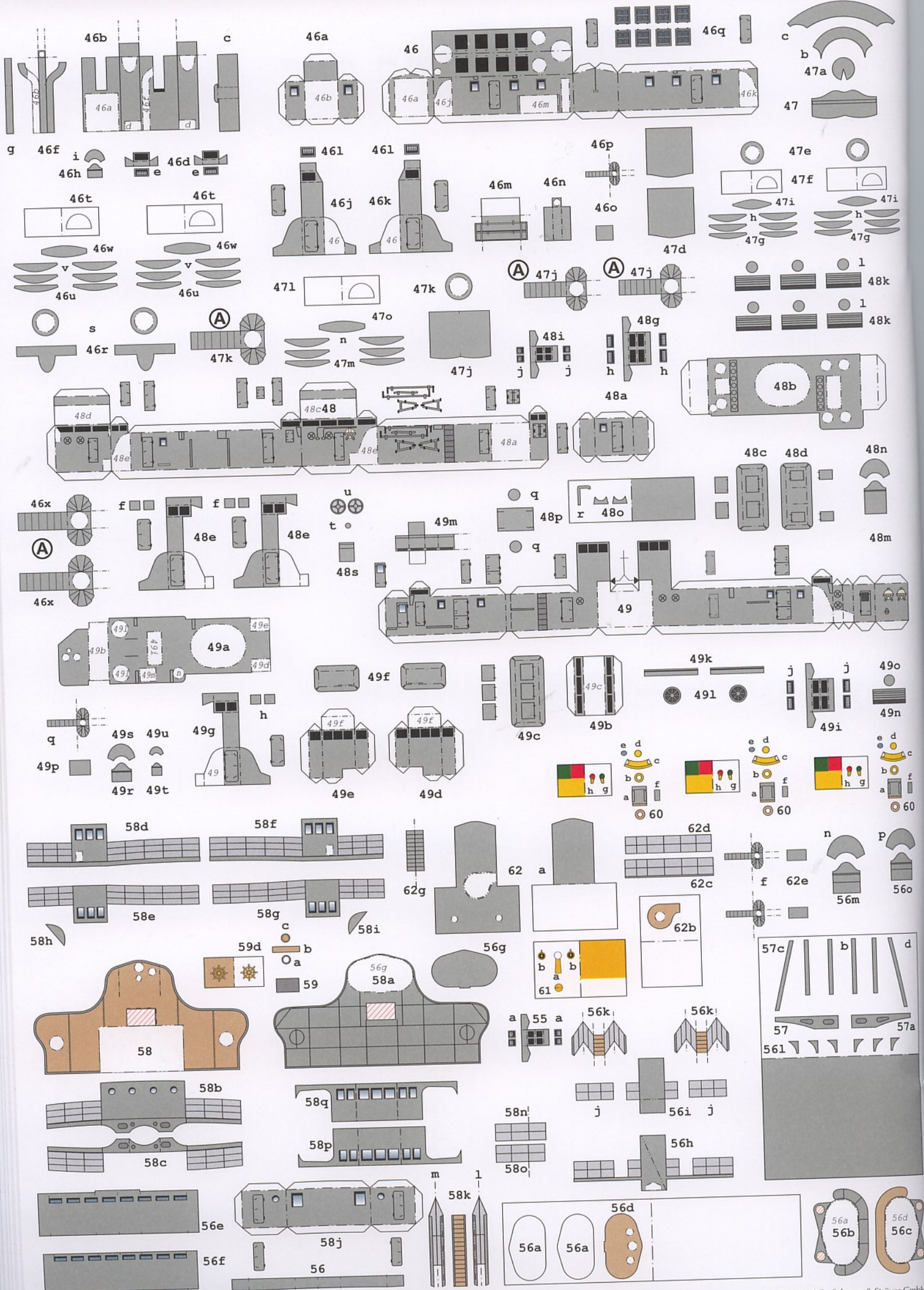
41c

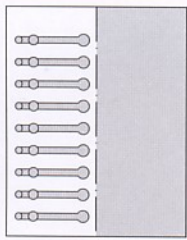


41b

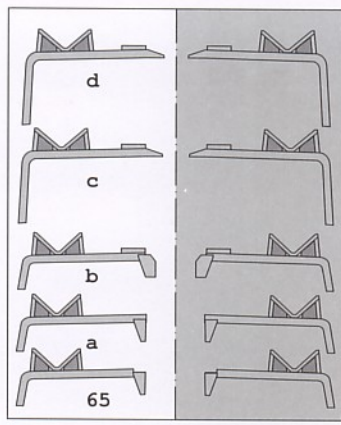
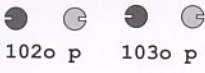
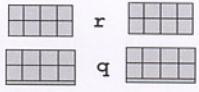
S.M.S. Undine



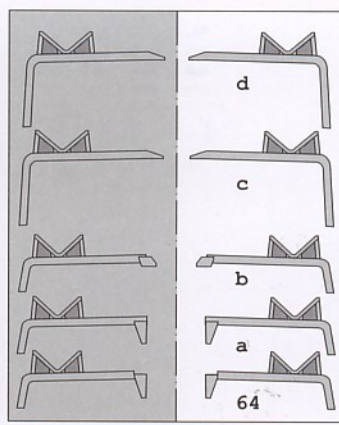




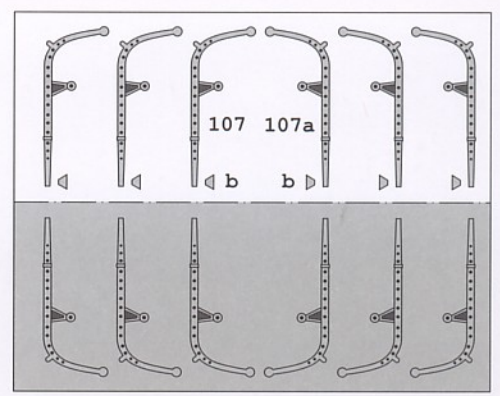
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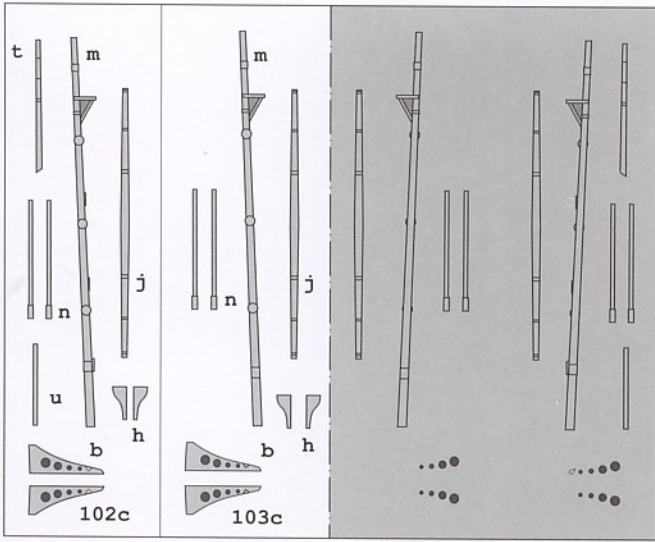
65



64

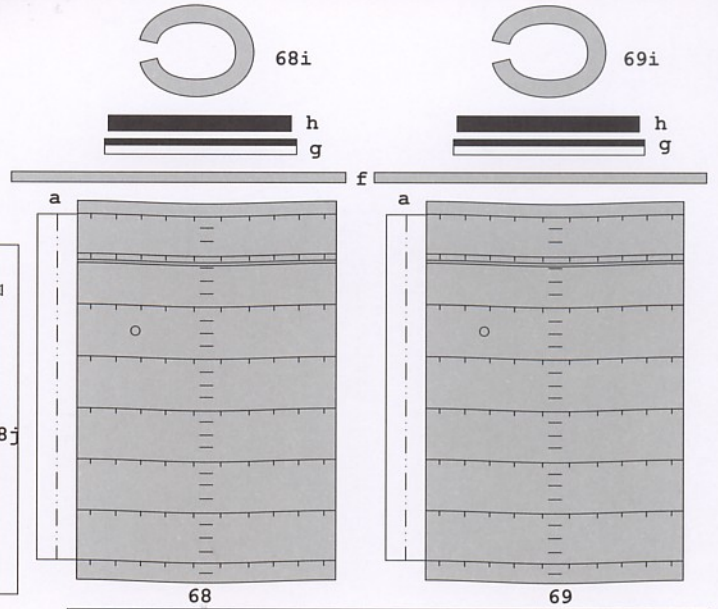


107 107a



102c

103c

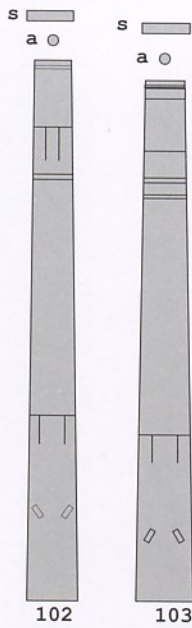


68i

69i

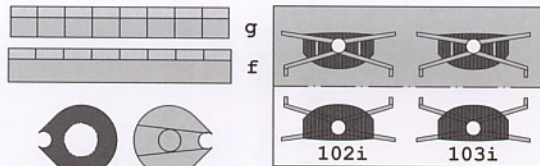
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69



102

103

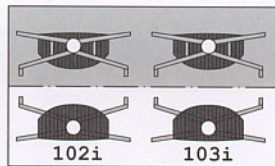


102d

102e

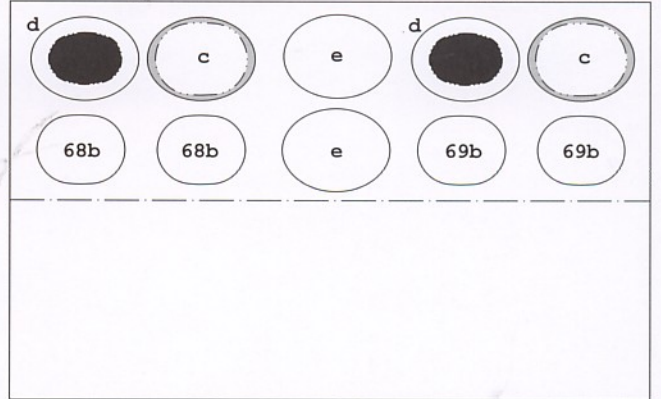
103d

103e



102k

1



d

68b

68b

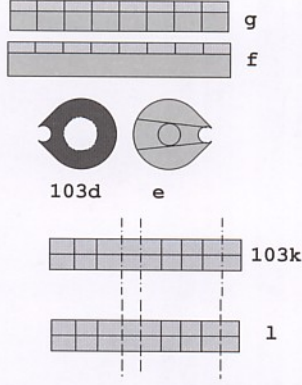
68b

d

69b

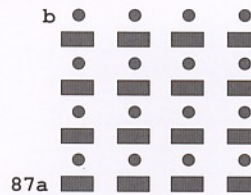
69b

69b

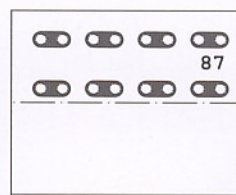


103k

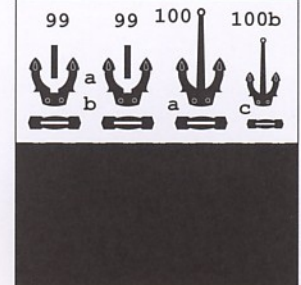
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87a



87

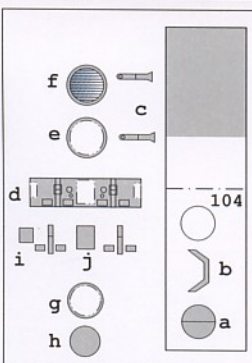


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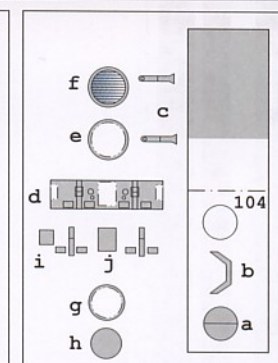
99

100

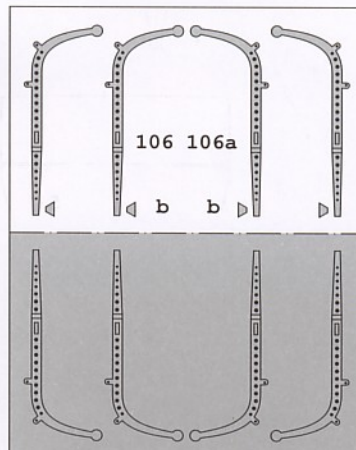
100b



104



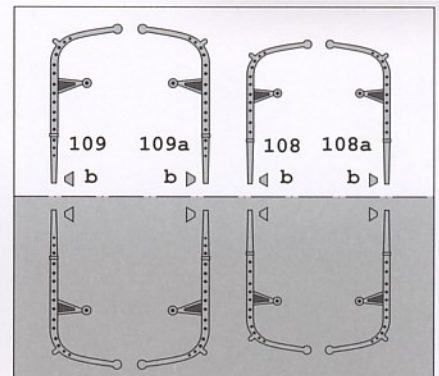
104



106 106a

b

b



109

109a

108

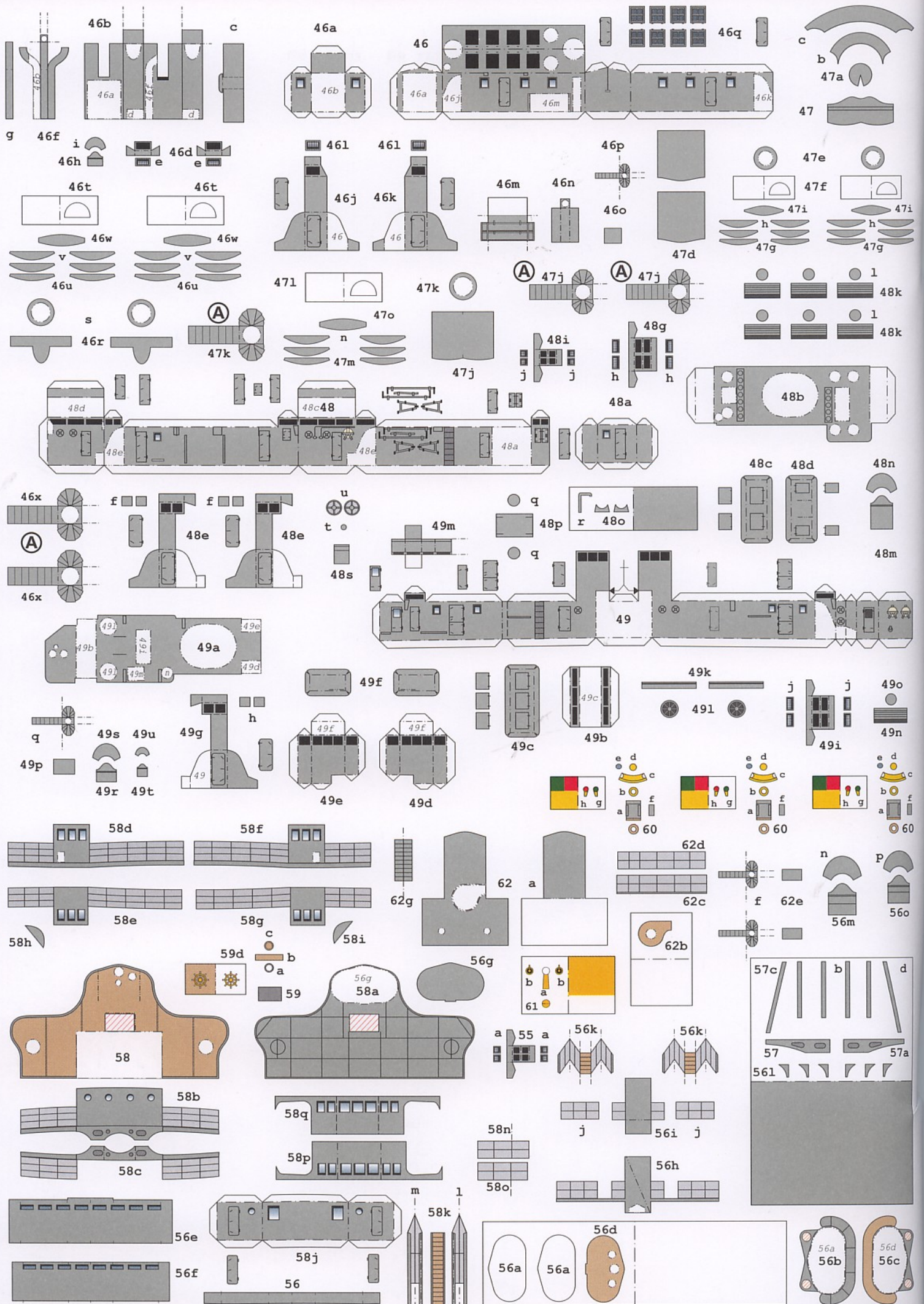
108a

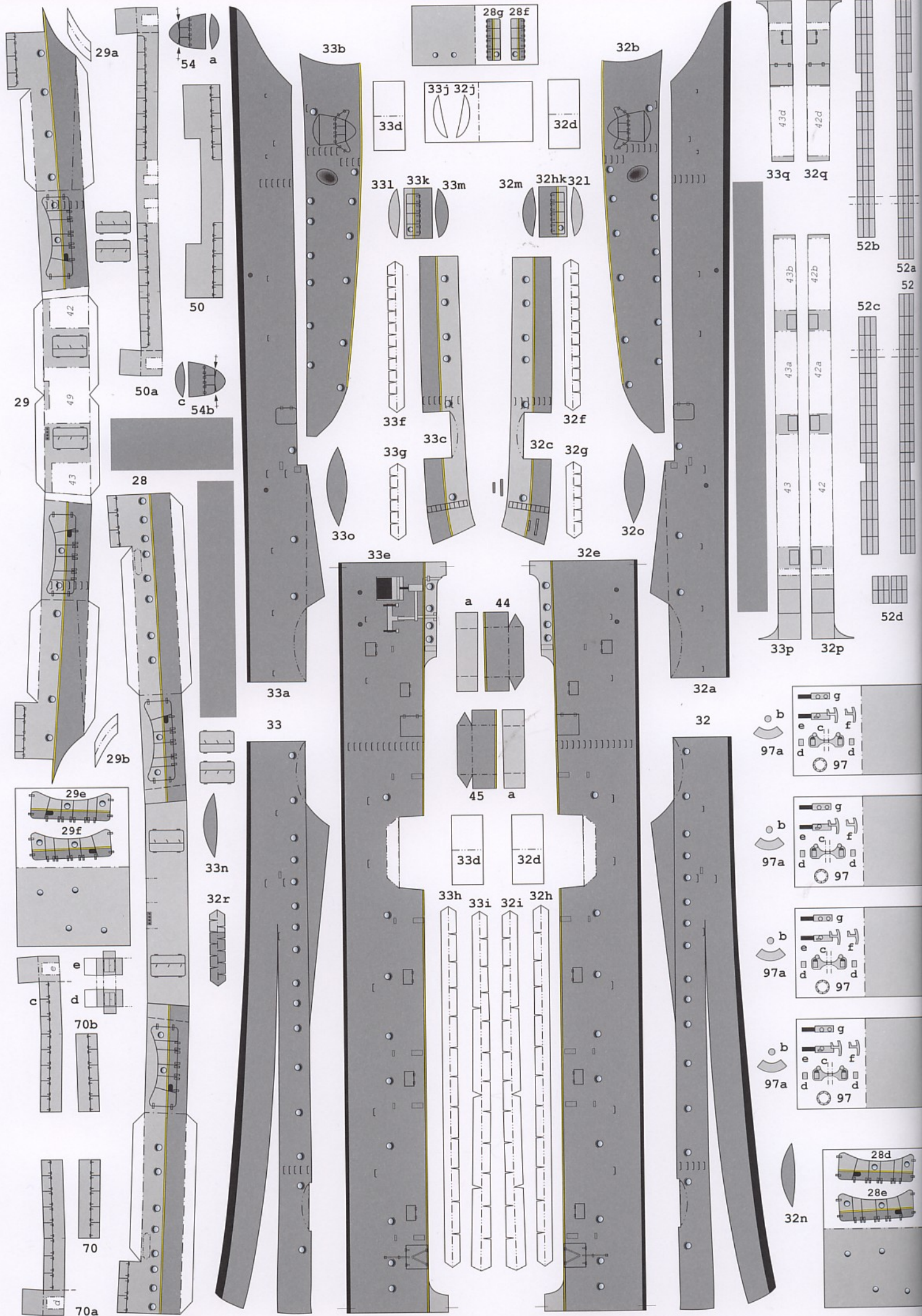
b

b

b

b





53a 53

53b 53c

71e 71d

2b

2e

2b

2e

14

14a

13

13a

12

12a

11

11a

10

10a

9

9a

8

8a

7

7a

6

6a

5

5a

4

4a

3

3a

71a

71

71b

71c

25a

25

26a

26

2b

2e

2a

2d

26

21

21a

22

22a

23

23a

40a

40b

40

40a

40b

40

27a

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18

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19

19

20

20

21

21

22

22

34a

34

37

36i

V

35i

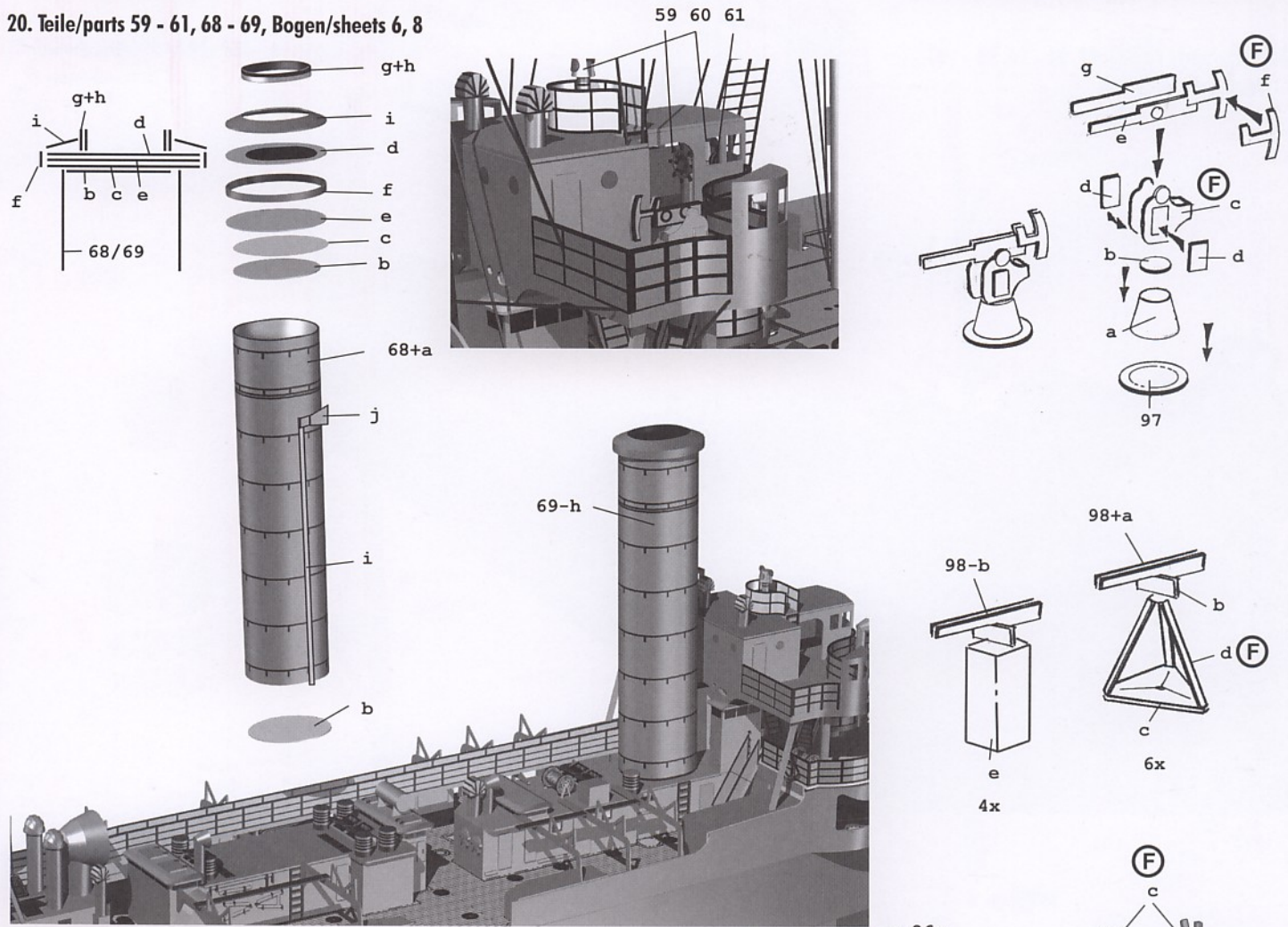
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H

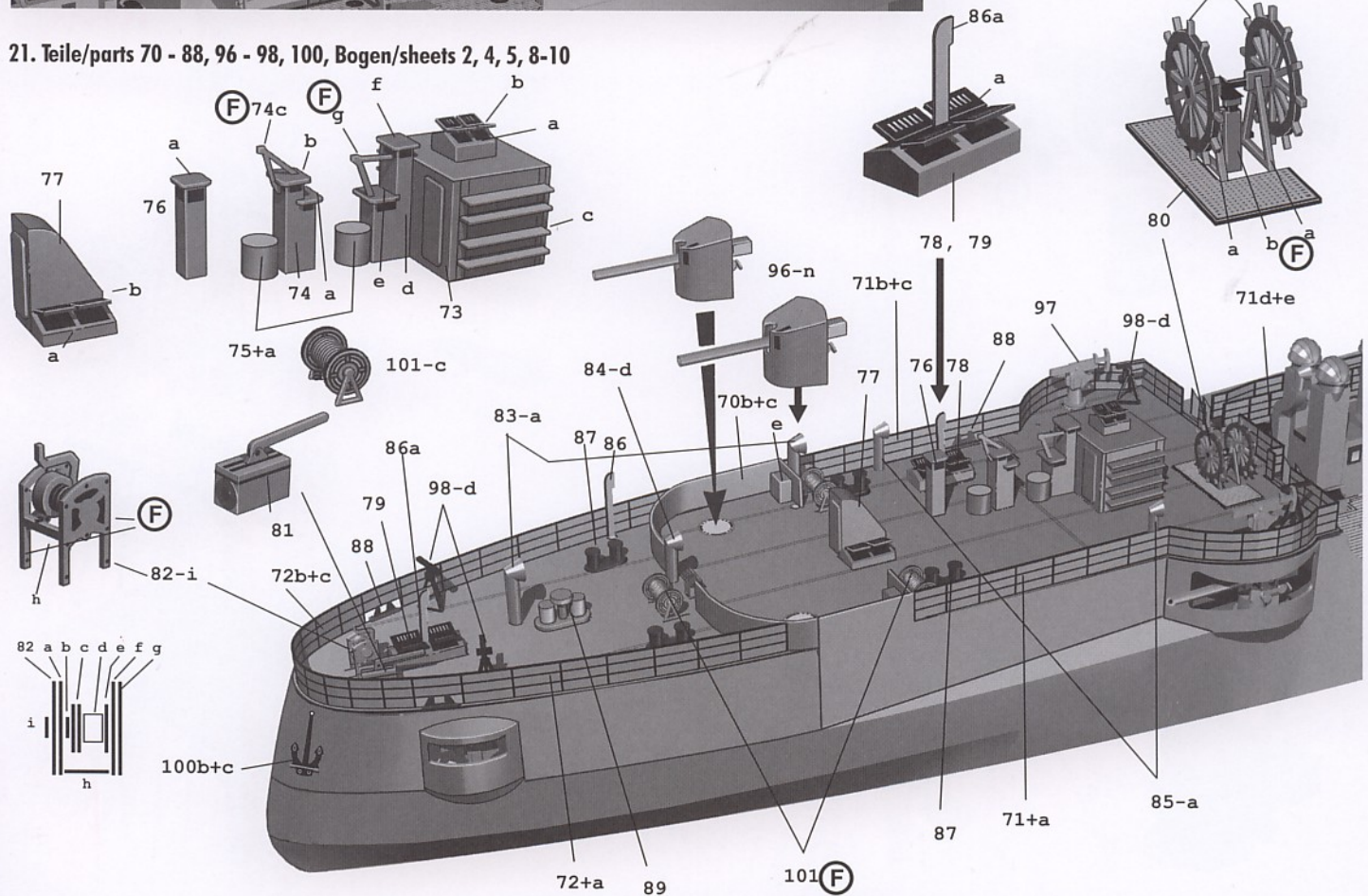
H

37a

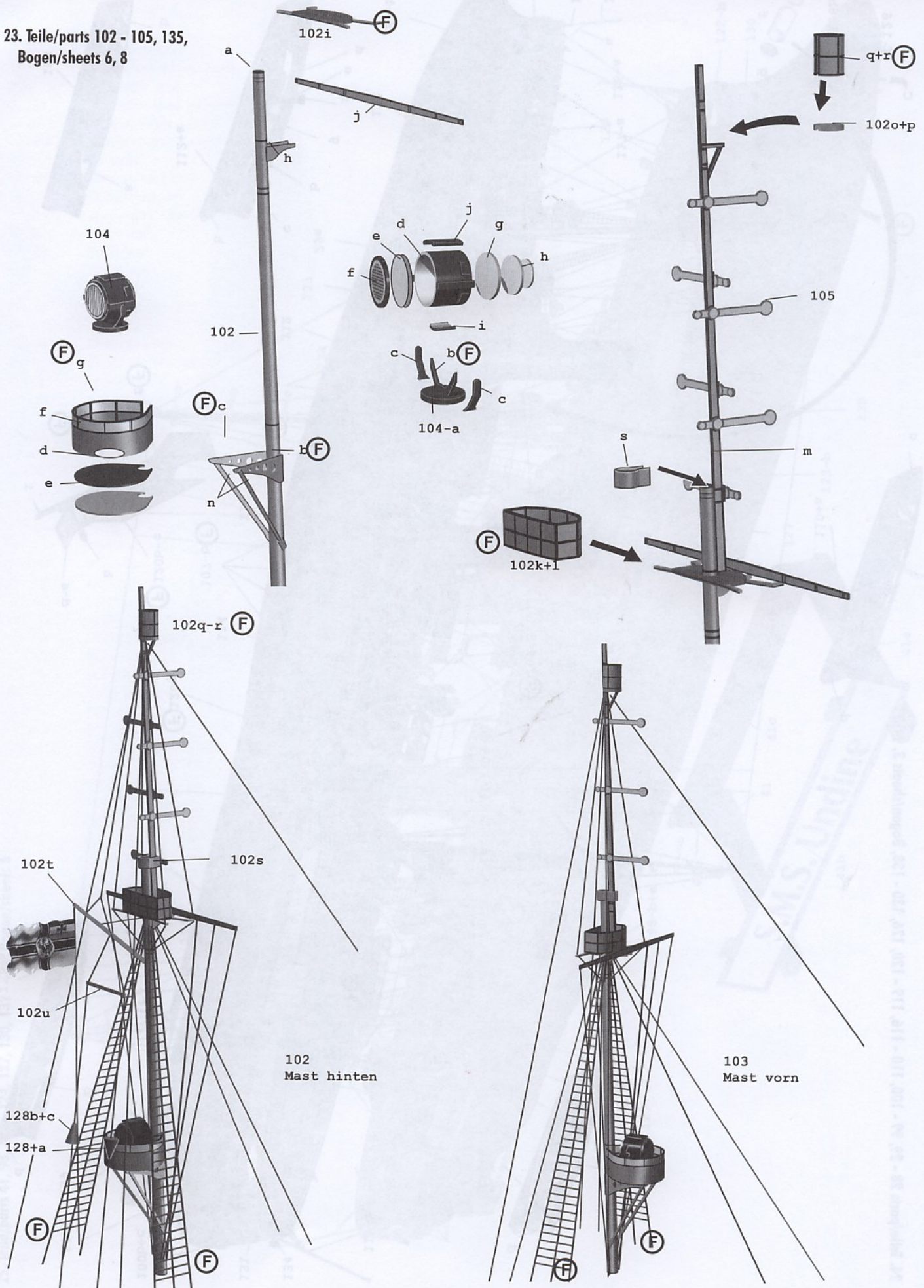
20. Teile/parts 59 - 61, 68 - 69, Bogen/sheets 6, 8

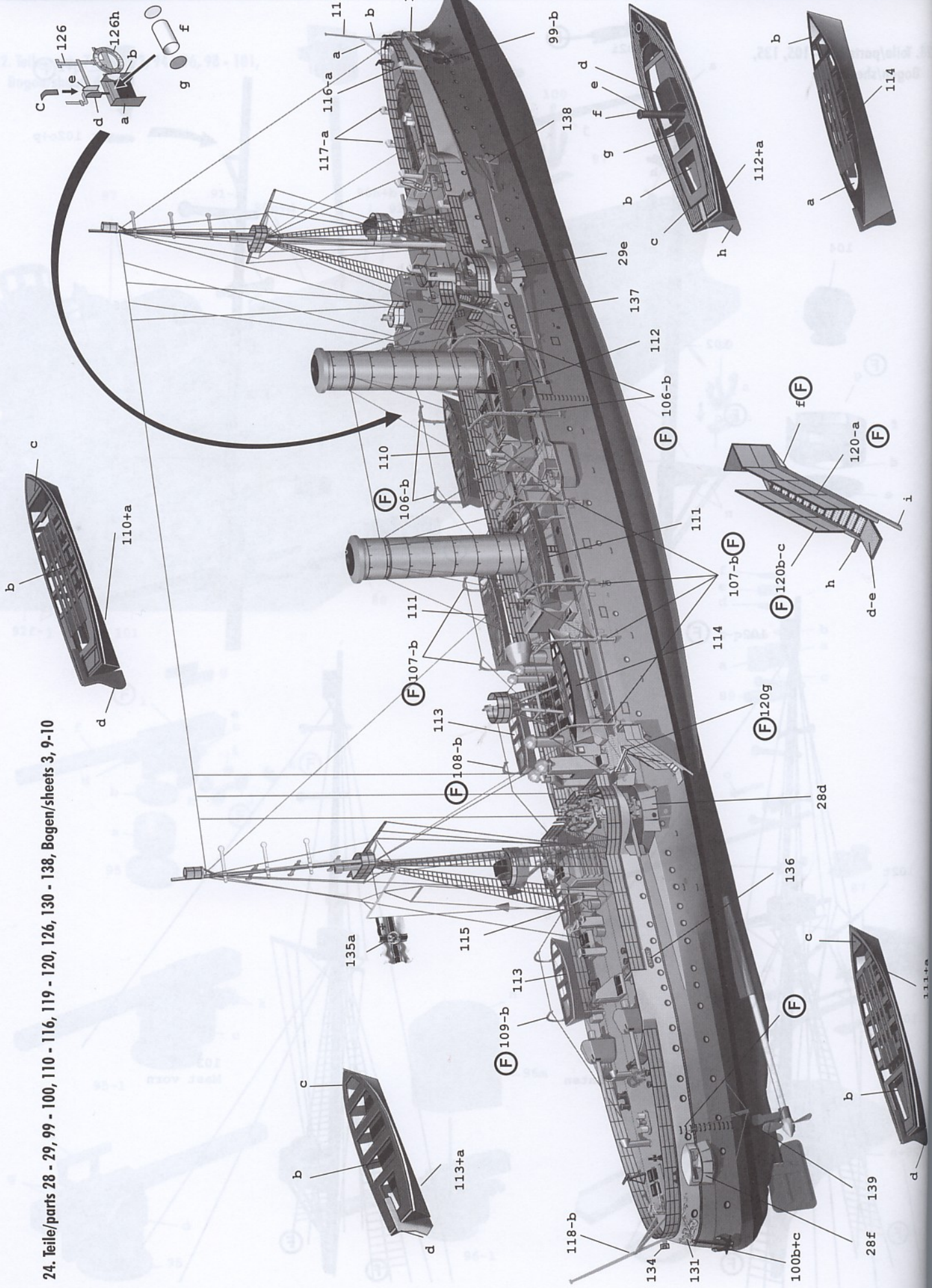


21. Teile/parts 70 - 88, 96 - 98, 100, Bogen/sheets 2, 4, 5, 8-10



23. Teile/parts 102 - 105, 135,
Bogen/sheets 6, 8





24. Teile/parts 28 - 29, 99 - 100, 110 - 111, 116, 119 - 120, 126, 130 - 138, Bogen/Sheets 3, 9-10

Kleiner Kreuzer
» S.M.S. Undine «

(1904)

HAMBURGER
MODELLBAUBOGEN VERLAG

Scheuer & Strüver GmbH

10 Bogen 908(1429) Teile sehr schwierig



Kleiner Kreuzer
» S.M.S. Undine «

Maßstab 1:250 - Länge 42 cm
Konstruktion: Peter Brandt

HAMBURGER MODELLBAUBOGEN VERLAG - Scheuer & Strüver GmbH

