

ASSEMBLING INSTRUCTION

Auxiliary materials and tool

To assemble the model you will need: small scissors, pincers, craft knife, thin wire, ruler, good paper glue, thin thread and paints. All parts should be cut out carefully along their outline. Paint the edges of assembled parts. Tiny and more complicated parts should be cut out by means of craft knife. Press delicately lines where the parts should be bent by means of a knife led at a ruler. This allows assembling even very small parts as solids.

Important! Following symbols are marked on the parts: right (**R**) and left (**L**) side, openings to be cut out (\bowtie) and direction to bow (\uparrow).

Assembling instruction Destroyer „Blyskawica"

1-16 Inner hull. Assemble parts 1 and 2. Glue parts 3 where there are no tabs. Glue parts 1 and 2 together by means of tab 2 and tabs 4. Assemble the hull on a flat surface. Bend horizontal tabs of stiffenings 5-15 to one side and the vertical ones to the opposite side. Glue the stiffenings into parts 1 and 2, please note that the vertical tabs of stiffenings 5 and 6 are directed to the bow and these of stiffenings 14 and 15 to the stern. From below glue waterline 16

17-19 Side skin. Cut out and glue on the inner hull starting at the joint of parts 1 and 2. In case part 19 is too long, cut the excess.

20-22 Decks. Glue parts 20 and 21 on the hull. Glue gangways 22 deck step.

23 Casings of propellers. Glue to the sides of part 19.

24-26 Stokehold deckhouse. Assemble part 24 and glue it on parts 20-21. On top glue part 25 and funnel base 26, direction to bow is marked with an arrow.

27-34 Funnel. Cut the tab from funnel skin 28 and assemble the skin by means of this tab, shaping it like parts 30. Glue part 29 into the funnel at the shown depth (Fig. 1). Assemble part 27 like the funnel skin, glue it to one of parts 30 and on the other side of this part glue parts 31. Slide the assembled detail into the funnel nearly to the top and from below place second stiffening made of parts 30 and 33. Assemble part 32, connect with 29 and glue on the funnel. Paint black the inside of the funnel. In front glue part 34 and glue the assembled funnel into base 26.

35 Skylights of engine room. Glue the parts together and fasten them on deck 21.

36-42 Torpedo tubes. Form ring 37, close both sides with assembled discs 36. Glue disc 36a on part 35. Glue parts 38 on base 36-37 and glue U-shaped parts 39 to 38. On top glue assembled part 42, and on top of this part glue control stand 40-41.

43-46 Deckhouse. Form part 43 to a quadrilateral, on top glue assembled platform 45 and 46 with railings 44. Please mind the correct position of the gangways - they should be bent at 45 angle from the ship's axle.

47-49 Gun platform. Assemble platform 47-48 and glue it on 24.

50-57 After deckhouse. Assemble part 50 and glue it on after deck. On top glue platform 51-53. Assemble funnel 54, cut out with a cutter and glue on the deckhouse's deck. Glue railing 55 to the platform, assemble parts 56 and 57 and glue them to the deck house.

58-65 Fore deckhouse. Assemble part 58 and glue it on deck 20. Stiffen part 60 with 59 and add railings. Glue assembled platform on part 58. Assemble parts 61 and 62 like 51-53 and glue them on part 58. Glue part 63 on platforms 60 and 61, on top glue a platform made of parts 64 and 65 (perforate openings for mast before gluing).

66 Breakwater. Glue on fore deck.

67-73 Platform cover and rangefinder. Glue strip 67 on the edge of fore railing of part 65. Glue rangefinder base

68-69 on platform 64. On top glue parts 70-73 (Fig. 2).

74-75 Mast. Assemble lower mast A and B and drive them through the openings in platform 64. On top glue parts 74, 75. Underneath fasten yard D and on topmast C.

76 Galley funnel. Assemble the detail, cut out with cutter and glue to part 24 and railing.

77 Supports. Assemble and glue under platform 59.

78-82 Main artillery. Glue platforms 80 into assembled parts 79 and paint the inside grey. Form the gun barrels according to template I, paint them grey, on the ends glue parts 82, assemble with part 81 and glue into the turrets. Glue discs 78 in twos and fasten them under parts 79.

83-89 AA guns. Assemble the parts according to Fig. 3. Paint the railings grey. Make the barrels out of wire according to template H, wrap parts 84 around and wrap the barrel with the thread in the middle.

90-92 AA guns. Assemble the barrels according to template G, glue them into parts 91 according to Fig 5 and glue the parts on platforms 51 and 60.

93-94 Containers. Assemble and glue where marked - s. assembly drawing.

95 Depth charge ramps. Assemble and glue on the stern.

96-98 Depth charge throwers. Form parts 96 to boxes. Glue parts 97 as tight rolls and assemble part 98 according to Fig. 7. Glue all parts on the after deck.

99 Davits. Glue parts 99 in pairs and between them glue the wire assembled according to template F (Fig. 8).

100-101 Boat winches. Form the parts to rolls and glue them on the deck near the stokehold.

102-106 Boats. Assemble davits E out of wire, glue them between parts 102 and place on the deck (Fig. 6). Form rudders 106, glue them to assembled motorboat 103-104 and boat 105 and glue the whole to the davits.

107-110 Floats. Cut out the centres in parts 107 and 108 and glue them on parts 109 and 110. Glue assembled floats on parts 51, 61, 24 (2 pieces) and to supports 77.

111-113 Floats. Assemble like the previous ones and glue to 24.

114-115 Equipment of conning bridge. Form the central part of 114 flat, cut out and glue discs to the bottom and top. Glue assemble parts on platform 64. At the back glue cover 115.

- 116 Spare colour sheet. To use if some parts are damaged while assembling.
117 Windlass. Assemble the parts and glue them on fore deck.

U-boat „Orzel"

- 1-3 Ballast tanks. Cut out part 1, bend the tabs and place the part on the table. Form part 2 to cuboid and glue on part 1. Shape part 3 round and glue on parts 1 and 2 as shown in the section.
4-5 Hull. Assemble and glue on part 3 slightly bending the sides outwards.
6-10 Conning tower. Assemble skin 7, inside glue floor 6 and roof 8. Glue the whole on the deck. Assemble parts 9 and 10 and glue them to the tower. Make openings and put there periscopes A, B and the gun barrel (made out of wire).

U-boat „Wilk"

- 1-3 Ballast tanks. Cut out part 1, bend the tabs and place the part on a table. Form part 2 to cuboid and glue on part 1. Shape part 3 round and glue on parts 1 and 2 as shown in the section.
4-6 Hull. Assemble and glue on part 3.
7-8 Conning tower. Assemble the parts according to the assembly drawing. Make periscopes A, B, C out of sticks or wire.
9-10 Rudder covers. Assemble the parts, cut them out and glue on stern.
11 Saw for anti-submarine nets. Assemble and glue on part 6.
12-13 Guns. Wrap part 12 around barrel D (made out of stick or wire) and glue on the deck. Assemble part 13, add barrels E and glue on the deck.

Gunboat „General Haller"

- 1-10 Hull. Assemble whole hull net 1-5 and wrap into sides 6 and 7. Now glue deck 8, deckhouse 9 on top, and then deck 10 bending the gangways and supports downwards.
11-13 Fore deckhouse. Assemble part 11 and glue on deck. Glue together parts 12, bend the gangways and supports downwards and glue on part 11. Assemble part 13, shape the platform covers according to parts 12, stiffen the bottom of the roof and glue the detail on part 12.
14-15 Funnel. Assemble parts 14 and glue on part 10. Form tube 15 and glue on part 14.
16-21 Ventilators and hatches. Assemble flat parts 16 and 18 and glue them together with part 17 on part 10. Assemble parts 19 to solids and glue them on the deck.
22 Assemble the boats and glue them on deck 10 at the sides. Assemble davits C and D out of wires and fasten in pairs on the after deck.
23 Windlass. Roll the rectangle to a tight roll, U-shape the other part and glue them together. Glue the windlass on the fore deck.
24 Searchlight. Roll the rectangle to a tube and glue the discs. Bend the base in half, cut out a semicircle and glue together. Glue the whole on part 13.
25-26 Rangefinder and compass. Bend the parts in half and glue on part 13.
27-28 Guns. Glue parts 27 around barrels E, assemble parts 28 and place barrels F on them. Glue assembled parts on the decks.
29 Part for fastening yard B on mast A.

Minesweeper „Rybitwa"

- 1-5 Hull. Glue together hull net 1-4 and wrap sides 5 around.
6-8 Shaft of boiler room and platform base. Assemble part 6 and glue on deck. On top glue part 7 and glued together parts 8 (bend the gangways downwards)
9-10 Wheelhouse. Assemble part 9 and glue it on platform 8. Glue part 10 on the front.
11 Funnel. Assemble the tube and glue on part 6.
12 Assemble the part and glue on part 6.
13 Assemble the ventilator flat and glue it on part 6.
14-15 Deckhouses. Assemble and glue on the after deck.
16 Ventilators. Assemble flat and glue to both sides of part 14.
17 Platform. Form the rectangle to a tube and glue the platform on top bending the gangways downwards. Glue the whole on part 15.
18 Minesweeping winch. Tightly roll the rectangle and glue together with the U-shaped part. Glue ready winch on the stern.
19-20 Searchlight. Assemble a platform with supports out of parts 19 and glue the supports to mast A. Assemble flat searchlight 20 and glue it on the platform. .
21 Breakwater. Bend and glue on the fore deck.
22-23 Parts for fastening yard B and boom D to the masts.
24 Guns. Bend the part, glue barrel F inside and fasten on the fore deck.

注意：以下中文翻译非人工翻译，存在较多错误，仅供参考。更建议依照以上英文部分自行翻译理解。

装配说明

辅助材料和工具

要组装模型，你需要：小剪刀，钳子，工艺刀，细线，尺子，好的纸胶，细线和油漆。所有零件应沿着其轮廓小心切割。绘制装配零件的边缘。小而复杂的零件应该用工艺刀切割出来。用刀子将零件弯曲到标尺上，细腻地按压。这允许将非常小的零件装配为固体。

重要！ 零件上标有以下符号：右侧(R)和左侧(L)，开口要切出(\approx)和船头方向(\uparrow)。

装配指令

驱逐舰 "Blyskawica"

1-16 内船体。组装第 1 和 2 件。在没有标签的地方粘附第 3 部分。通过选项卡 2 和选项卡 4 将第 1 部分和 2 部分粘合在一起。将船体组装在平坦的表面上。将硬化 5-15 的水平制表舌弯曲到一侧，将垂直的卡舌弯曲到另一侧。将硬化剂粘到第 1 和 2 部分，请注意，硬质 5 和 6 的垂直制表舌被定向到弓形，而这些硬化 14 和 15 的硬质表舌则指向严厉。从下面的胶水线 16

17-19 侧皮。从零件 1 和 2 的接头处开始，切出并粘附在内壳上。如果第 19 部分太长，则切割过剩。

20-22 甲板。船体上粘附 20 和 21 件。胶道 22 甲板步骤。

23 螺旋桨的套管。粘在第 19 部分的侧面。

24-26 斯托克霍尔姆甲板楼。组装零件 24 并将其粘附在零件 20-21 上。在顶部胶水部分 25 和漏斗基 26 上，弓的方向用箭头标记。

27-34 漏斗。从漏斗皮肤 28 切下标签，并通过此选项卡组装皮肤，将其塑造成第 30 部分。将第 29 部分粘附到显示深度的漏斗中(图 1)。组装零件 27 像漏斗皮，将其粘附到零件 30 和该部分的另一侧胶零件 31。将组装的细节滑入漏斗中，接近顶部，从下方滑动由零件 30 和 33 制成的第二次硬化。组装第 32 部分，与 29 连接，并粘附在漏斗上。把漏斗内部漆成黑色。在前面胶水部分 34 和胶水组装漏斗到基地 26。

35 发动机室的天窗。将零件粘在一起，将其固定在 21 号甲板上。

36-42 鱼雷管。型环 37，用组装的圆盘 36 关闭两侧。胶盘 36a 零件 35。底座 36-37 上的胶水部件 38 和粘合 U 形零件 39 到 38。在顶部胶水组装部分 42，并在这部分胶水控制支架 40-41 的顶部。

43-46 甲板屋。形成第 43 部分到四边形，在顶部胶水组装平台 45 和 46 与栏杆 44。请注意船道的正确位置 - 它们应从船轴以 45 角度弯曲。

47-49 枪平台。组装平台 47-48 广告胶水 24。

50-57 甲板后。组装第 50 部分并将其粘附在甲板后。在顶部胶水平台 51-53。组装漏斗 54，用切割机和胶水在甲板甲板上切割。将 55 胶架粘到平台上，组装第 56 和 57 部分，并将其粘附到甲板房屋上。

58-65 前甲板楼。组装第 58 部分并将其粘在 20 层甲板上。用 59 加固第 60 部分，并添加栏杆。胶组装平台在零件 58。组装零件 61 和 62(如 51-53)并将其粘附在 58 零件上。在 60 和 61 平台上粘合第 63 部分，在顶部胶水上粘附由 64 和 65 部件制成的平台(在粘合前为桅杆穿孔)。

66 破水。粘在前甲板上。

67-73 平台盖和测距仪。胶带 67 位于第 65 部分前栏杆边缘。胶水测距仪底座

68-69 在平台 64。在顶部胶水零件 70-73(图 2)。

74-75 桅杆。组装下桅杆 A 和 B，并驱动它们穿过平台 64 中的开口。在顶部胶水零件 74，75。在紧固场 D 和顶桅杆 C 的下方。

76 盖利漏斗。组装细节，用切割机和胶水切割到第 24 部分和栏杆。

77 支持。在平台 59 下组装和粘合。

78-82 主炮将平台 80 粘入组装部件 79 中，并涂上内部灰色。根据模板 I 形成枪桶，将其涂成灰色，在末端粘附 82 部分，用第 81 部分组装，并粘入炮塔。胶盘 78 两个，并固定在第 79 部分下。

83-89 AA 枪根据图 3 组装零件。把栏杆漆成灰色。根据模板 H 将桶从电线中拉出，将零件 84 包裹起来，将桶与中间的螺纹包裹起来。

90-92 AA 枪。根据模板 G 组装桶，根据图 5 将其粘合到 91 部分，并将部件粘在平台 51 和 60 上。

93-94 集装箱。组装和胶水的地方标记 - s。装配绘图。

95 深度充电坡道。组装并粘附在船尾上。

96-98 深度电荷喷射器。将零件 96 形状到盒。根据图 7 将零件 97 粘合为紧辊，并组装第 98 部分。将后甲板上的所有部件粘上。

99 达维茨。将零件 99 成对粘附，并在它们之间粘合根据模板 F 组装的导线(图 8)。

100-101 船绞车。形成零件滚动和胶水在甲板上附近的火台。

102-106 船。将 Davits E 从电线上组装出来，将它们粘附在 102 件之间并放置在甲板上(图 6)。形成舵 106，粘他们组装摩托艇 103-104 和船 105 和粘整体到达维特。

107-110 浮动。切掉第 107 和 108 部分的中心，将它们粘在 109 和 110 部分。胶水组装浮子在零件 51, 61, 24 (2 件) 和支持 77。

111-113 浮动。像前一个组装，粘到 24。

114-115 连接桥设备。形成 114 平的中央部分，切出和胶水盘的底部和顶部。在 64 平台上粘合装配零件。在后胶盖 115。

116 备用彩色纸。如果某些部件在装配时损坏，请使用。

117 温德拉斯。组装零件并将其粘在前甲板上。

U 艇 " Orzel "

1-3 个压载罐。切出第 1 部分，弯曲制表符并将零件放在桌子上。形成第 2 部分到立方体和胶水部分 1。将第 3 部分圆的形状和胶水放在第 1 部分和 2 上，如该部分所示。

4-5 船体。组装和胶水在第 3 部分稍微弯曲的两侧向外。

6-10 康宁塔。组装皮肤 7，内胶地板 6 和屋顶 8。粘合整个甲板上。组装第 9 和 10 部分并将其粘附到塔上。打开并放置潜望镜 A、B 和枪管(用导线制成)。

U 艇 " Wilk "

1-3 个压载罐。切出第 1 部分，弯曲制表符并将零件放在桌子上。形成第 2 部分到立方体和胶水部分 1。将第 3 部分圆的形状和胶水放在第 1 部分和 2 上，如该部分所示。

4-6 船体。组装并粘附在第 3 部分上。

7-8 康宁塔。根据装配图装配零件。用棍子或导线制作潜望镜 A、B、C。

9-10 舵盖。组装零件，将其切出并粘在船尾上。

11 锯反潜网。组装并粘附在零件 6 上。

12-13 枪将第 12 部分包裹在桶 D(由棒子或导线制成)和甲板上的胶水周围。组装第 13 部分，在甲板上加入桶 E 和胶水。

炮艇 " General Haller "

1-10 赫尔。组装整个船体网 1-5 和包装成边 6 和 7。现在胶甲板 8，甲板 9 在上面，然后甲板 10 弯曲的条道和支撑向下。

11-13 前甲板楼。组装第 11 部分，并粘附在甲板上。粘合在一起的第 12 部分，弯曲的弯道，并向下支撑，并在第 11 部分粘附。组装第 13 部分，根据第 12 部分对平台盖进行形状，使车顶底部变硬，并粘附第 12 部分上的细节。

14-15 漏斗。组装零件 14 和胶水部件 10。形管 15 和胶水部分 14。

16-21 通风器和舱门。组装平部 16 和 18，并将其与第 10 部分的第 17 部分粘合在一起。将第 19 零件组装到固体中，并将其粘附在甲板上。

22 组装船只，将它们粘在两侧的 10 号甲板上。从电线上组装达维特 C 和 D，并成对固定在后甲板上。

23 温德拉斯。将矩形卷成紧密的卷，将另一部分呈 U 形，然后粘合在一起。把风把粘在前甲板上。

24 探照灯。将矩形卷到管子上，将圆盘粘上。将底座弯曲成两半，切出一个半圆并粘在一起。将整个胶粘在第 13 部分上。

25-26 测距仪和指南针。将零件折半，粘在第 13 部分上。

27-28 枪将零件 27 粘在桶 E 周围，组装第 28 部分，并在桶 F 上放置。将组装的零件粘在甲板上。

29 用于紧固场 B on 桅杆 A 的零件。

扫雷艇 " Rybitwa "

1-5 船体。粘在船体网 1-4 和环绕侧 5 周围。

6-8 锅炉房轴和平台底座。组装第 6 部分，并粘附在甲板上。在顶部胶水部分 7 和粘合在一起部分 8 (弯曲的弯道向下)

9-10 轮屋。组装第 9 部分并将其粘附在 8 号平台上。将第 10 部分粘在前面。

11 漏斗。将管子和胶水组装在第 6 部分上。

12 组装零件，将胶水粘在第 6 部分上。

13 将呼吸机组装平整，将其粘附在第 6 部分。

14-15 甲板屋。组装并粘附在后甲板上。

16 通风器。将平面和胶水组装到第 14 部分的两侧。

17 平台。将矩形形成一根管子，将平台粘在顶部向下弯曲的弯道上。将整个胶粘在第 15 部分上。

18 扫雷绞车。将矩形紧密滚动，与 U 形零件粘合在一起。将准备好的绞车粘在船尾上。

19-20 探照灯。组装一个支持零件的平 19 和胶水支架桅杆 A。组装平面探照灯 20，并粘在平台上。

21 破水。弯曲和胶水在前甲板上。

22-23 用于将货场 B 和动臂 D 固定到桅杆的零件。

24 枪弯曲零件，内侧粘胶桶 F，并固定在前甲板上。