

潘多拉 1:72 外观模型制作说明书

1.说明书渲染颜色意义

当前步骤需要按照的零件

树脂零件

梨木零件

黄杨零件

层板零件

2.说明书零件标签意义

实例：O-2 板件“O”上的2号零件

3.板件编码说明

板件编号：A(6mm)、B(5mm)、C(4mm)、D(3mm)、E、F(2mm)、G(1.5mm)、H、I、J、K(1mm)、L、M、N、O(1mm)、P、Q、R(0.5mm)

船壳编号：S1~S3(1mm)、S4-S7(1mm)、S8-17 (1mm)

4.船壳制作

船壳料有编号的一头朝向船头

船壳木条两头都预留了0.5mm余量，可供调整

所有黄杨、梨木需要用清水浸泡3分钟，预弯到位，试装没问题之后再进行粘接

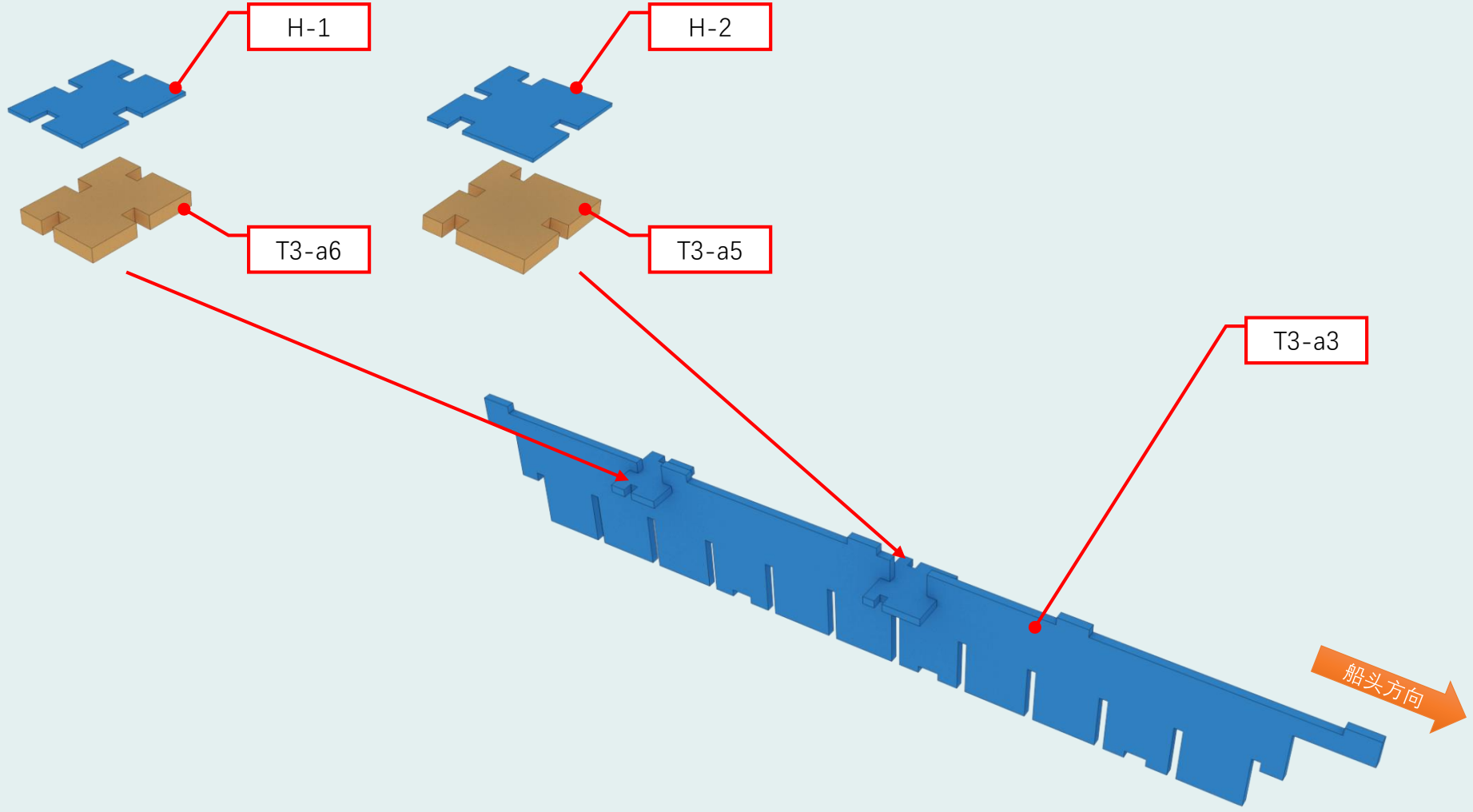
黑檀船壳需要泡水后用热风枪进行预弯

5.胶水

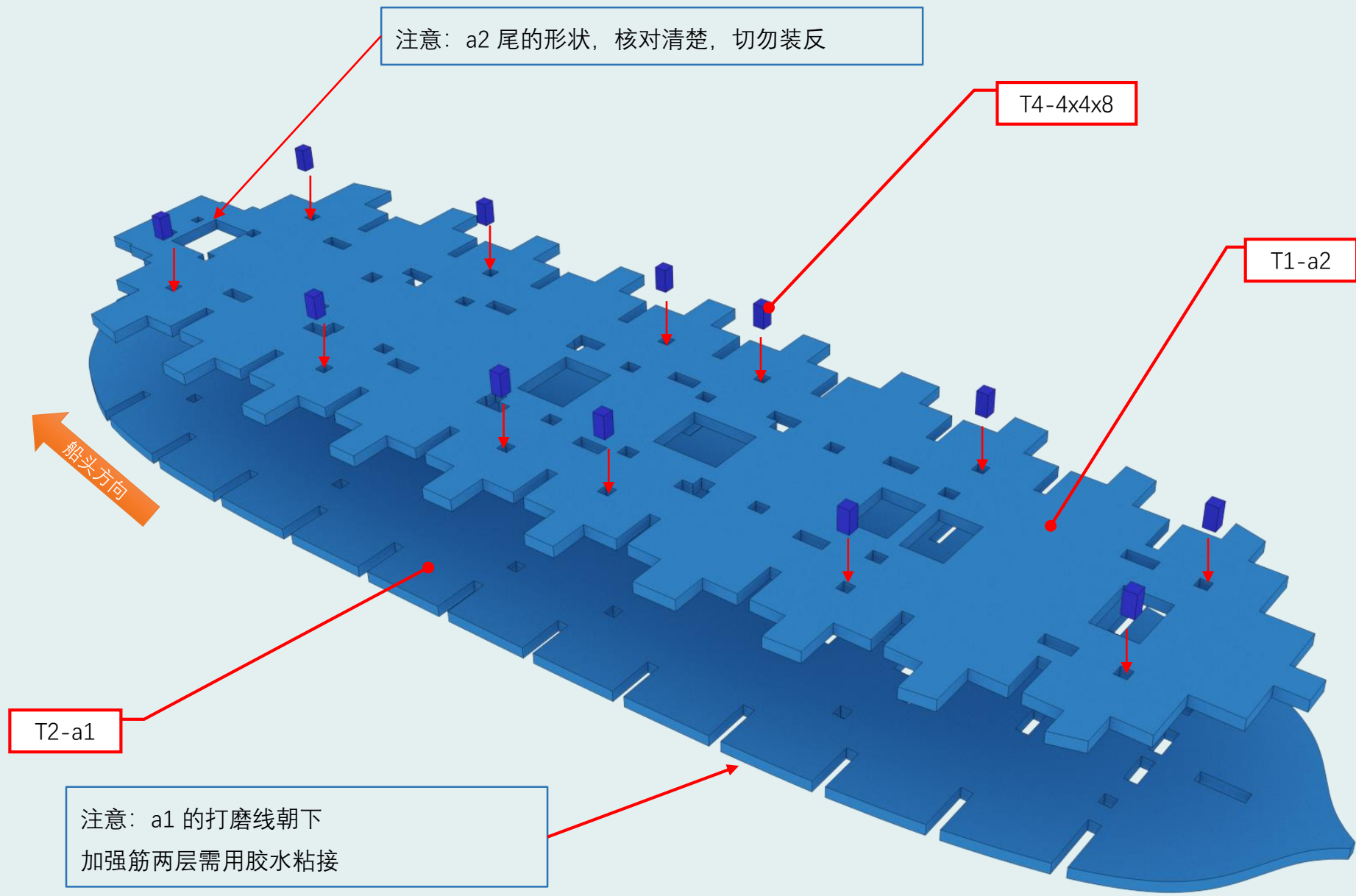
木制零件推荐使用太棒2，塑料零件、金属零件推荐用401，渗缝建议用501（凝胶）

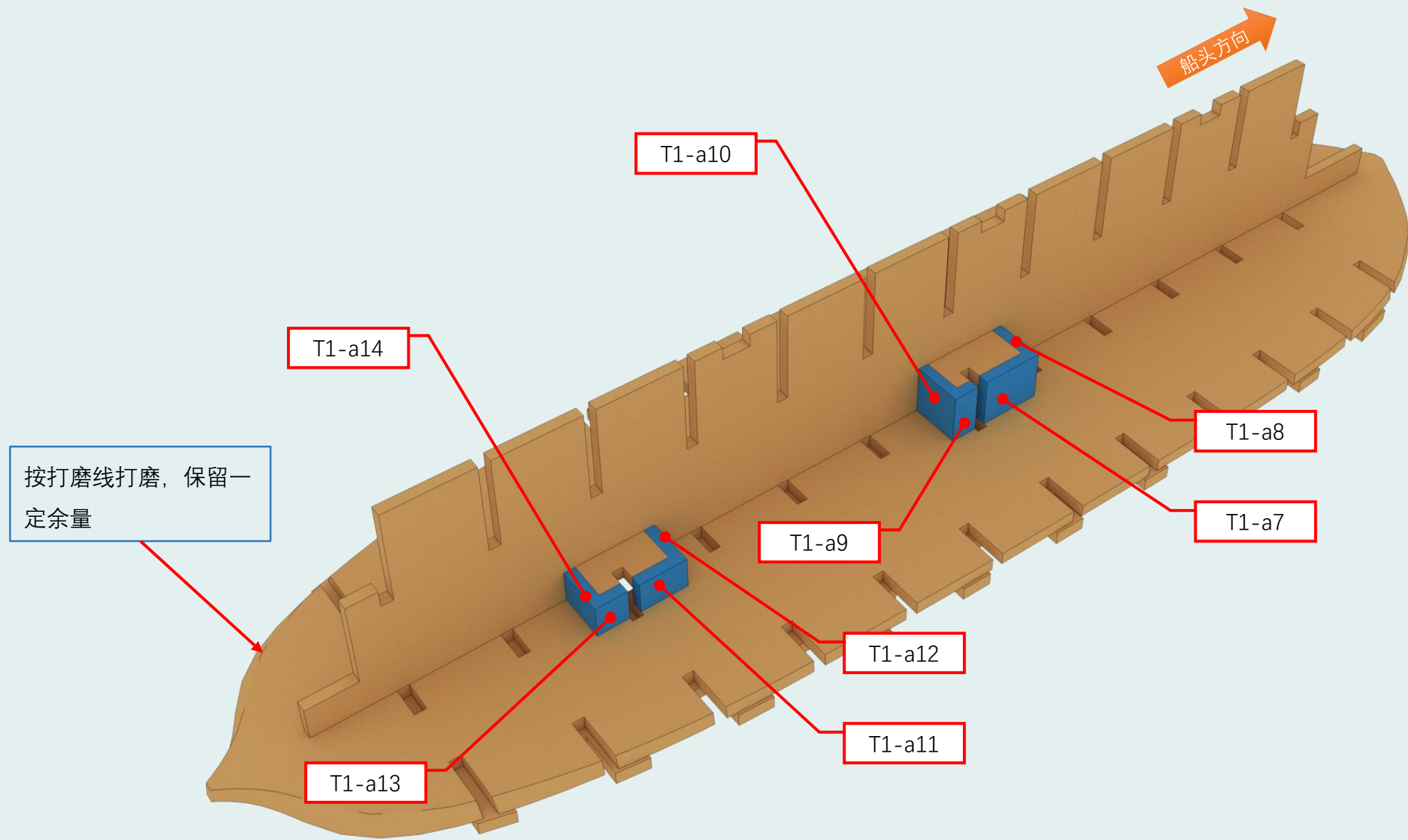
1 基础船体

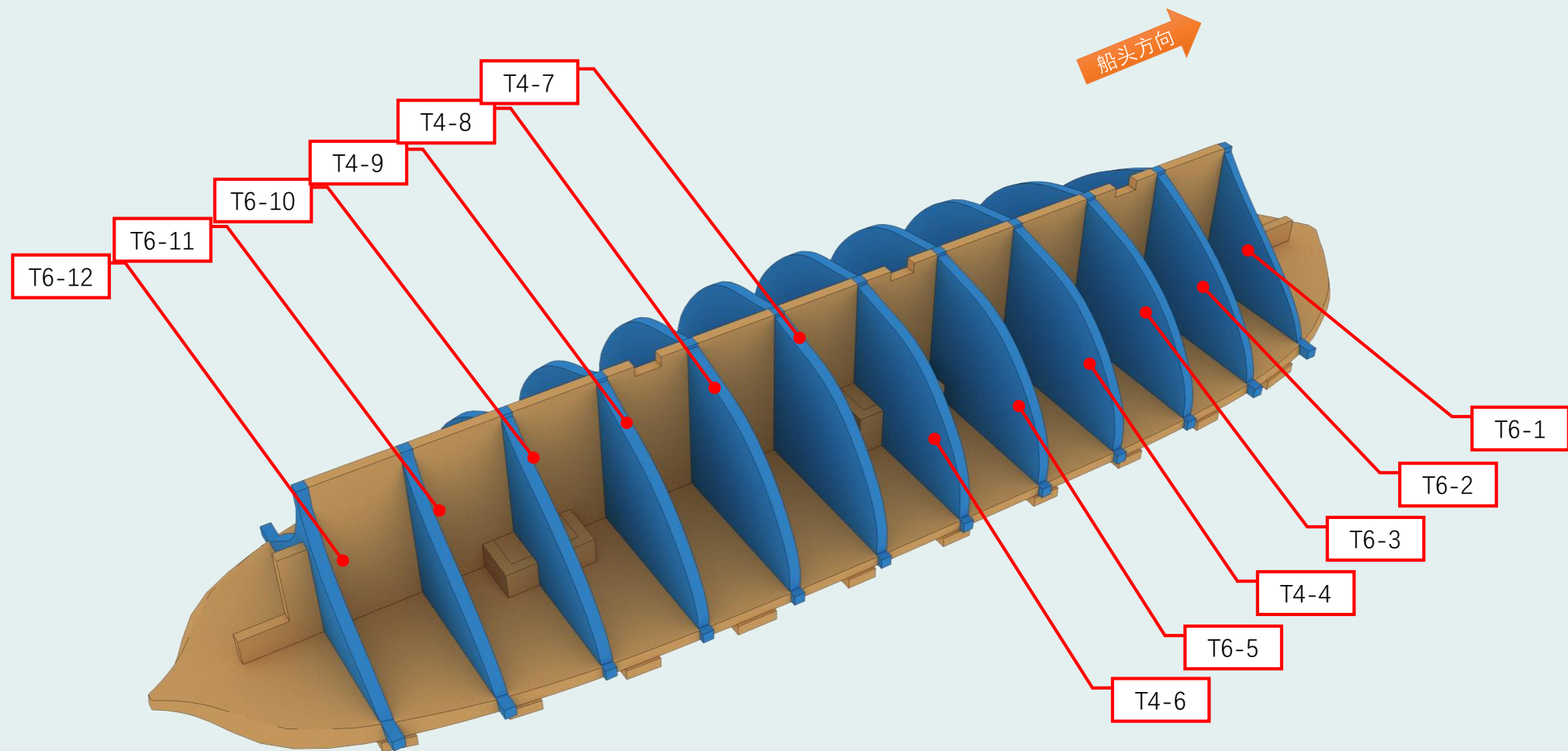
01.下层龙骨



02.下层加强筋

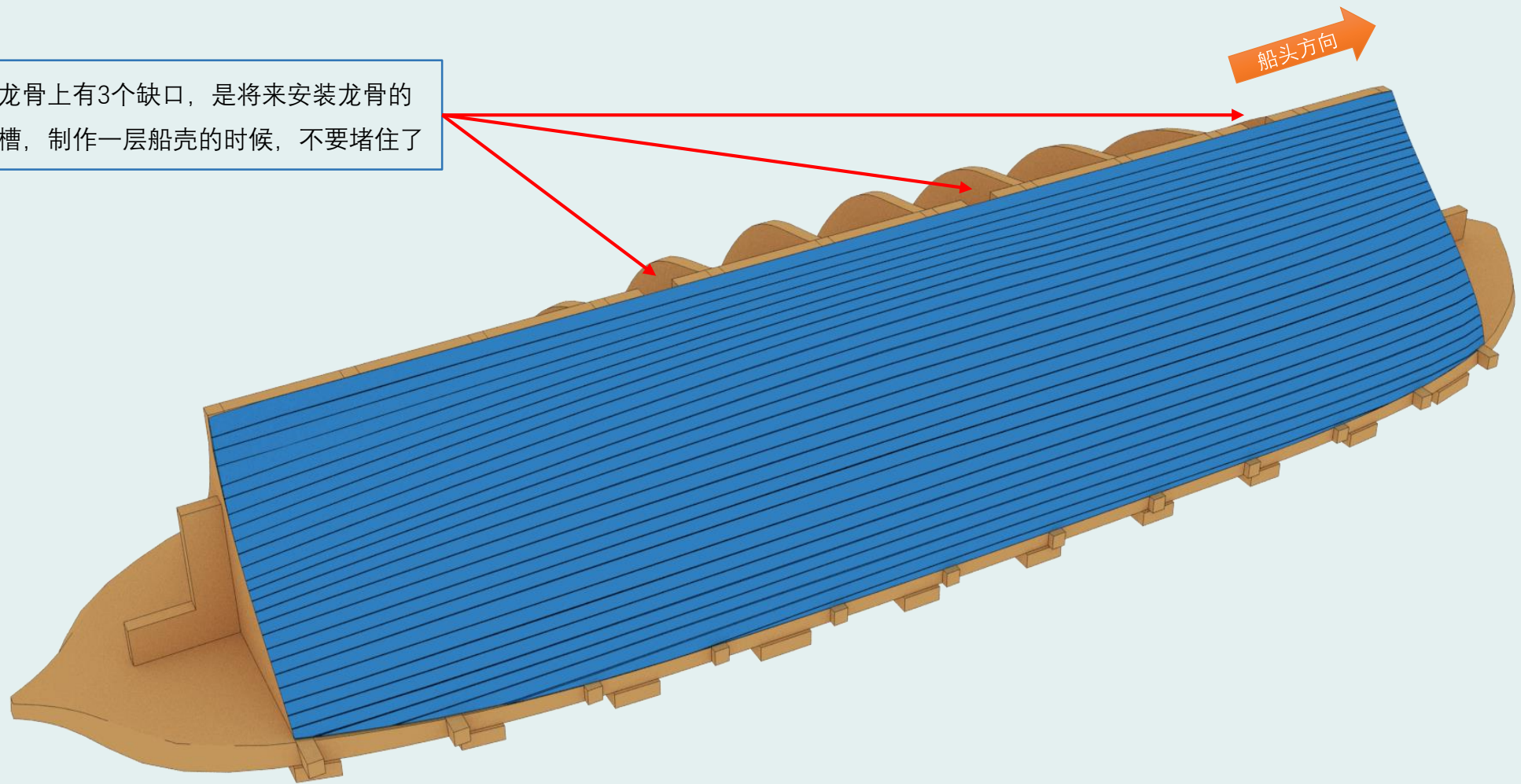




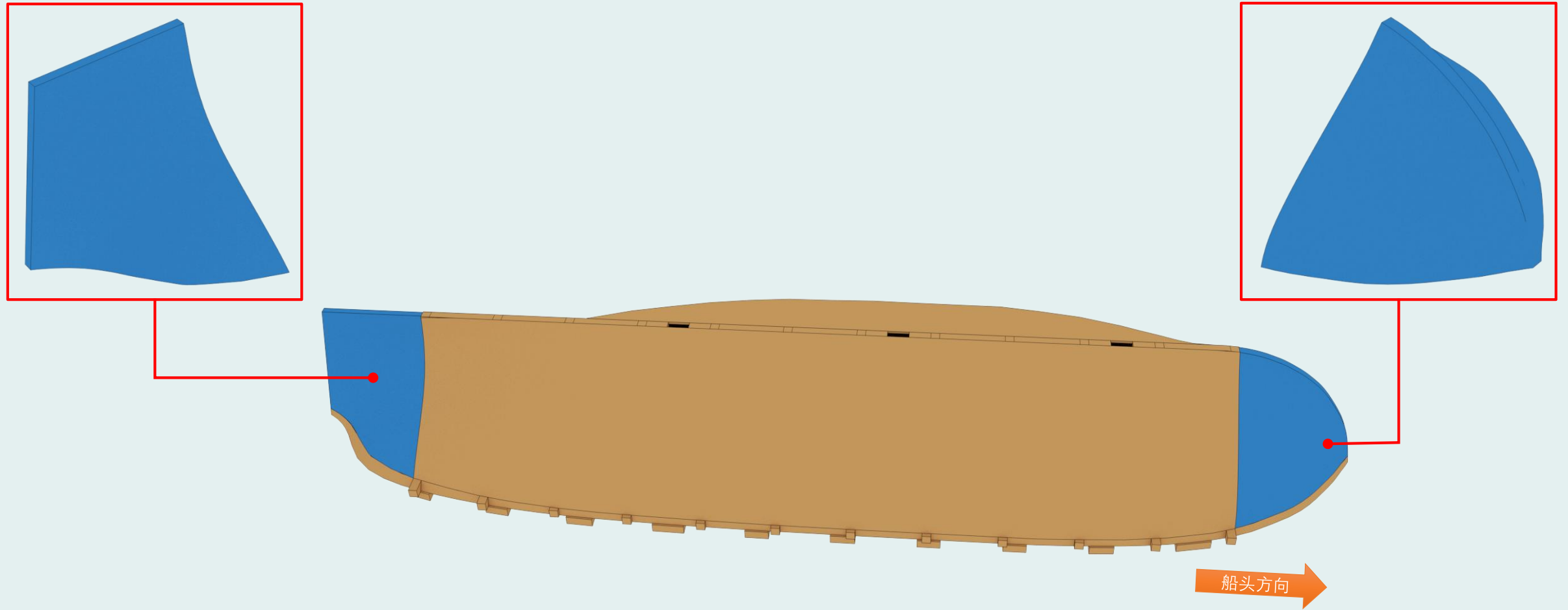


1~3:打磨线朝向船头
8~12: 打磨线朝向船尾

内龙骨上有3个缺口，是将来安装龙骨的插槽，制作一层船壳的时候，不要堵住了

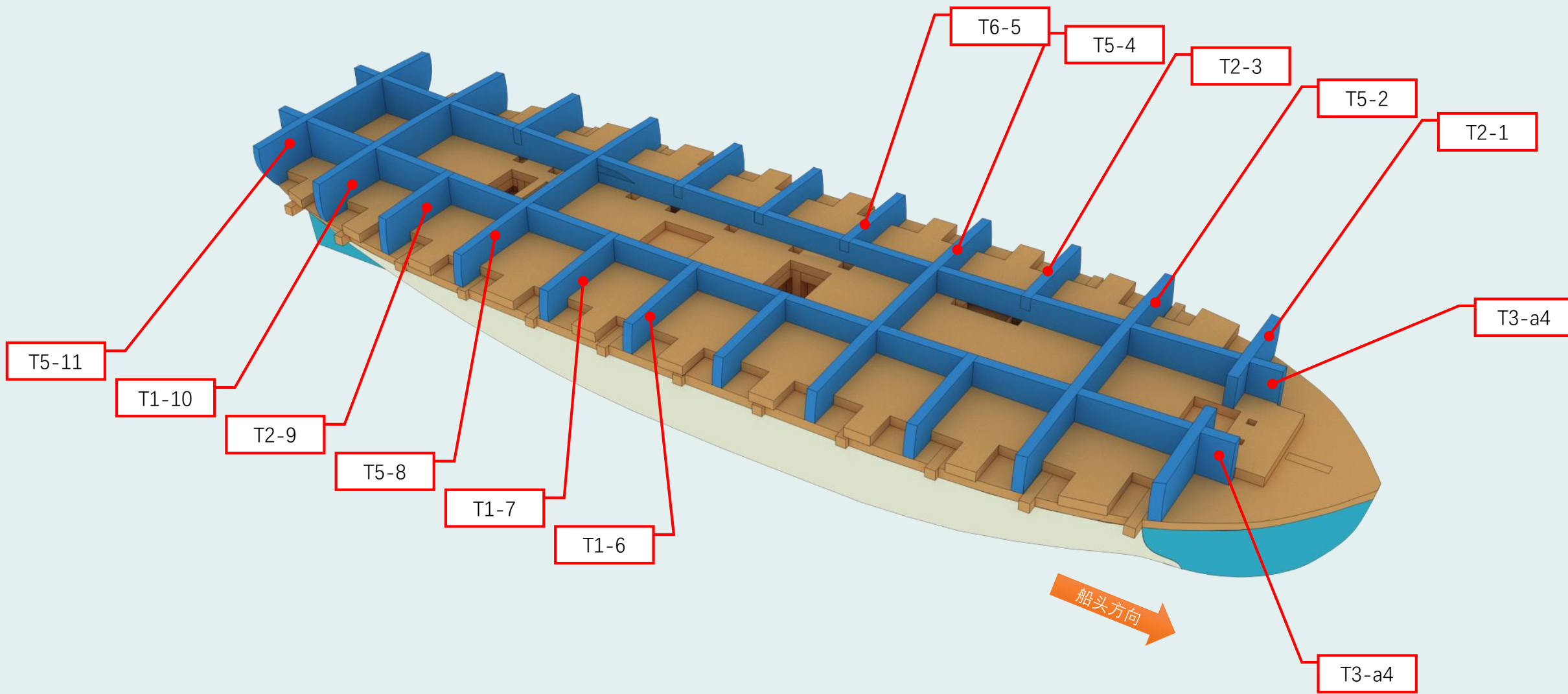


第一层船壳使用4x1x500的白木进行铺设，没有固定要求，尽量靠紧，不留缝隙

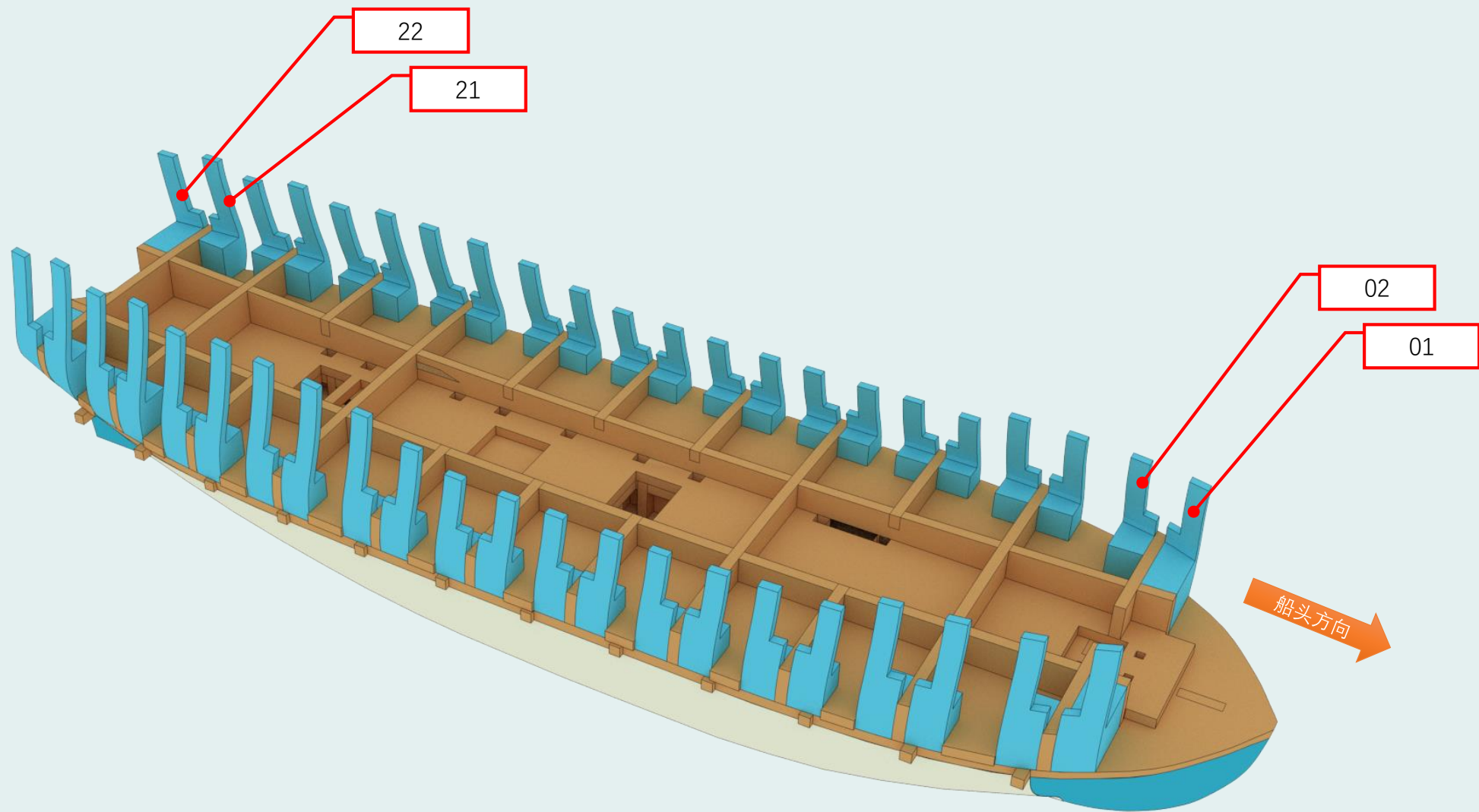


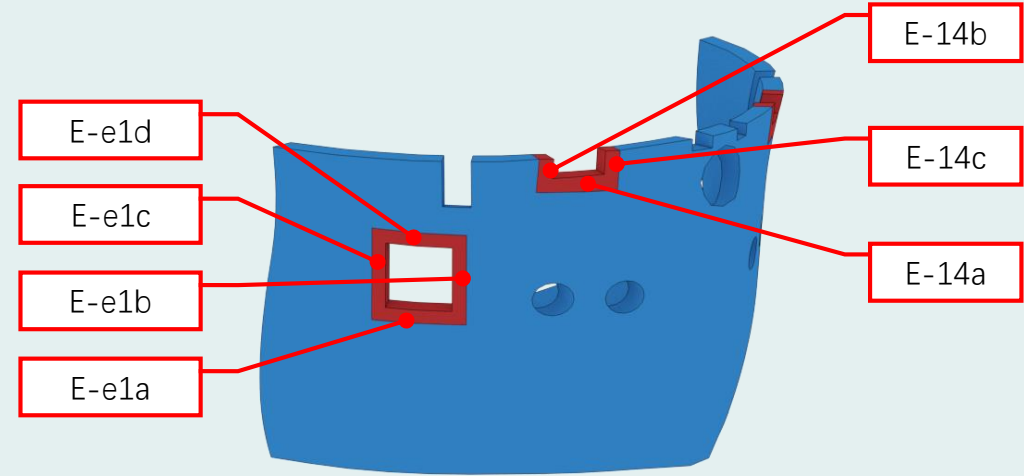
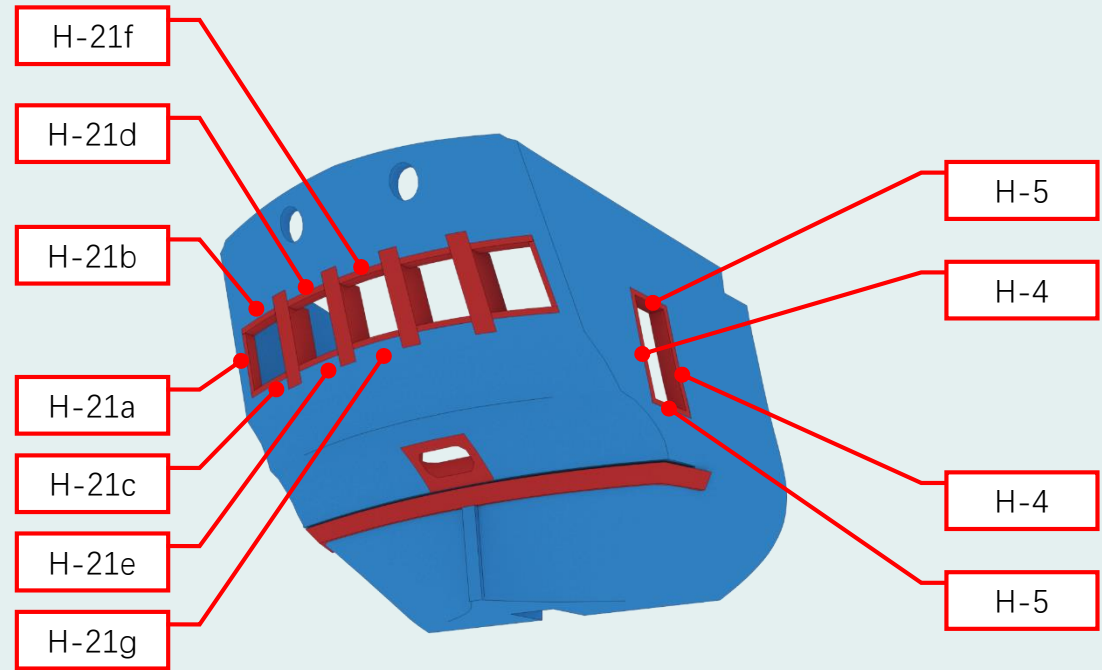
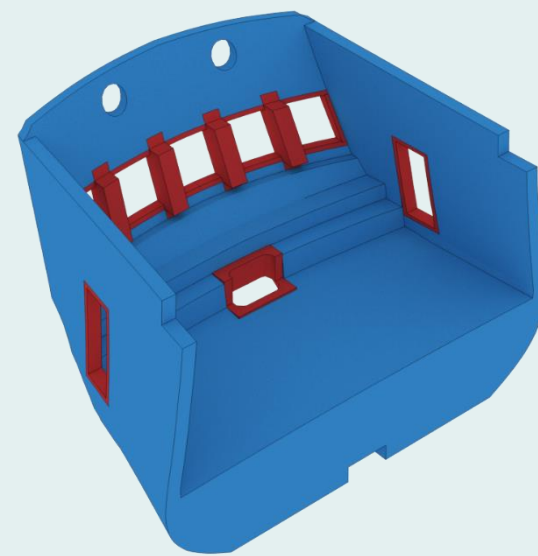
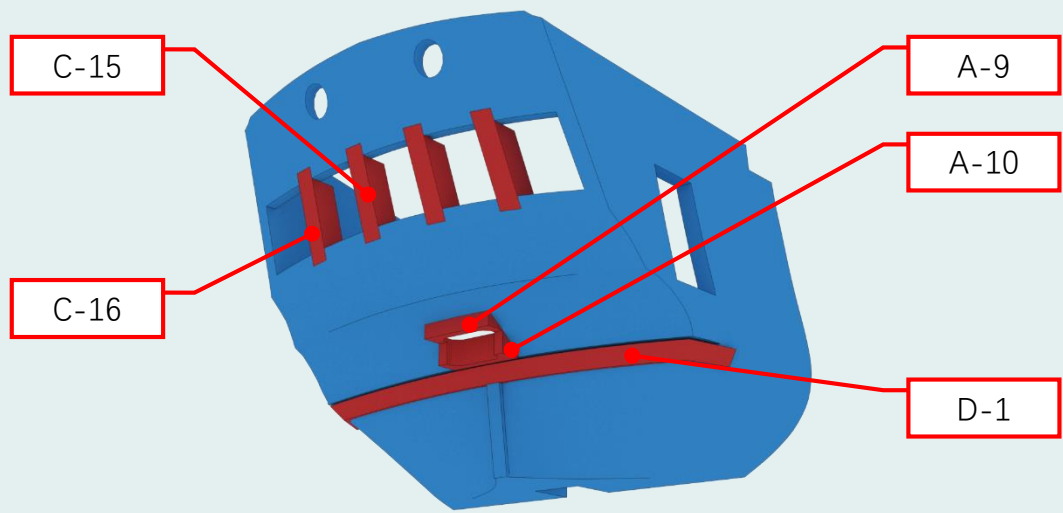
树脂件安装前应将边缘打磨平整，尽量不留下缝隙，需多次试装确认无误后，使用401或者502进行粘接

07.上层甲板支撑

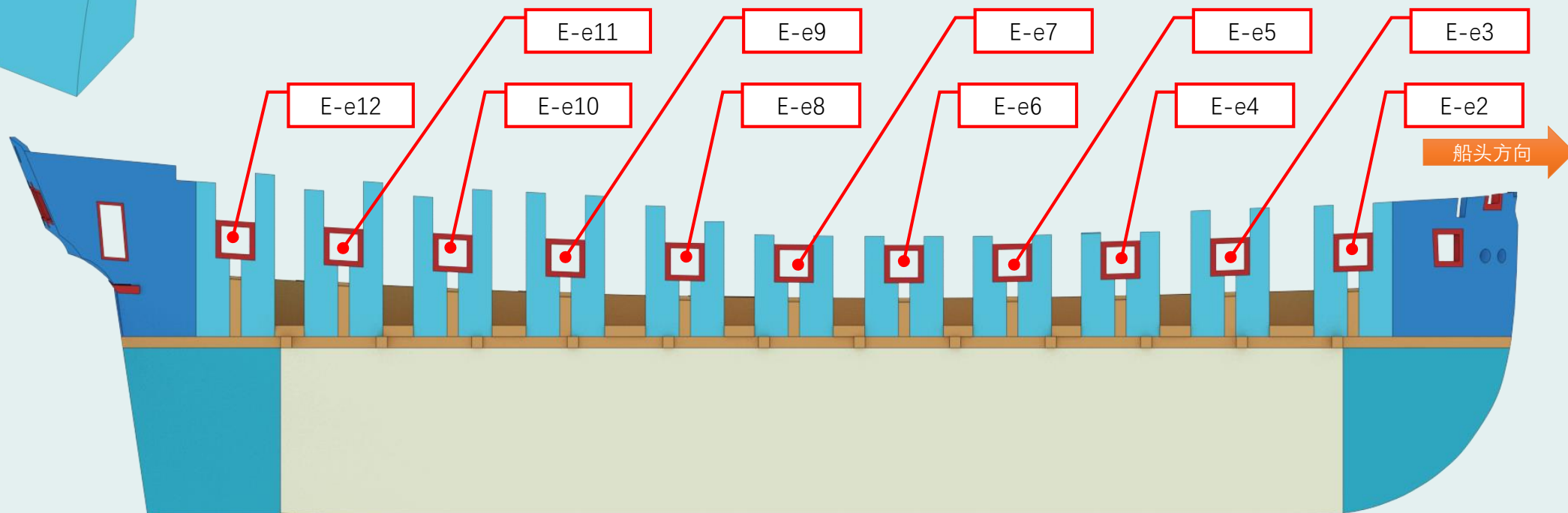
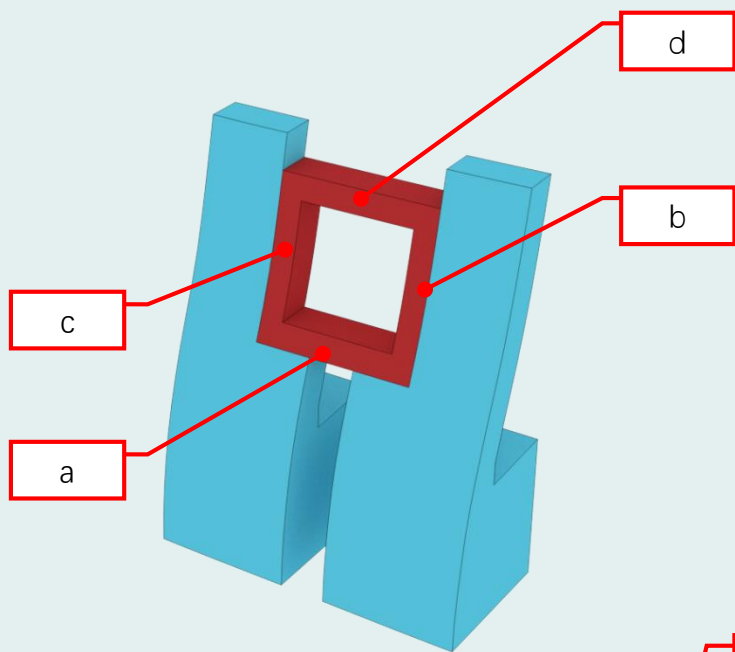


08.上层填充肋骨

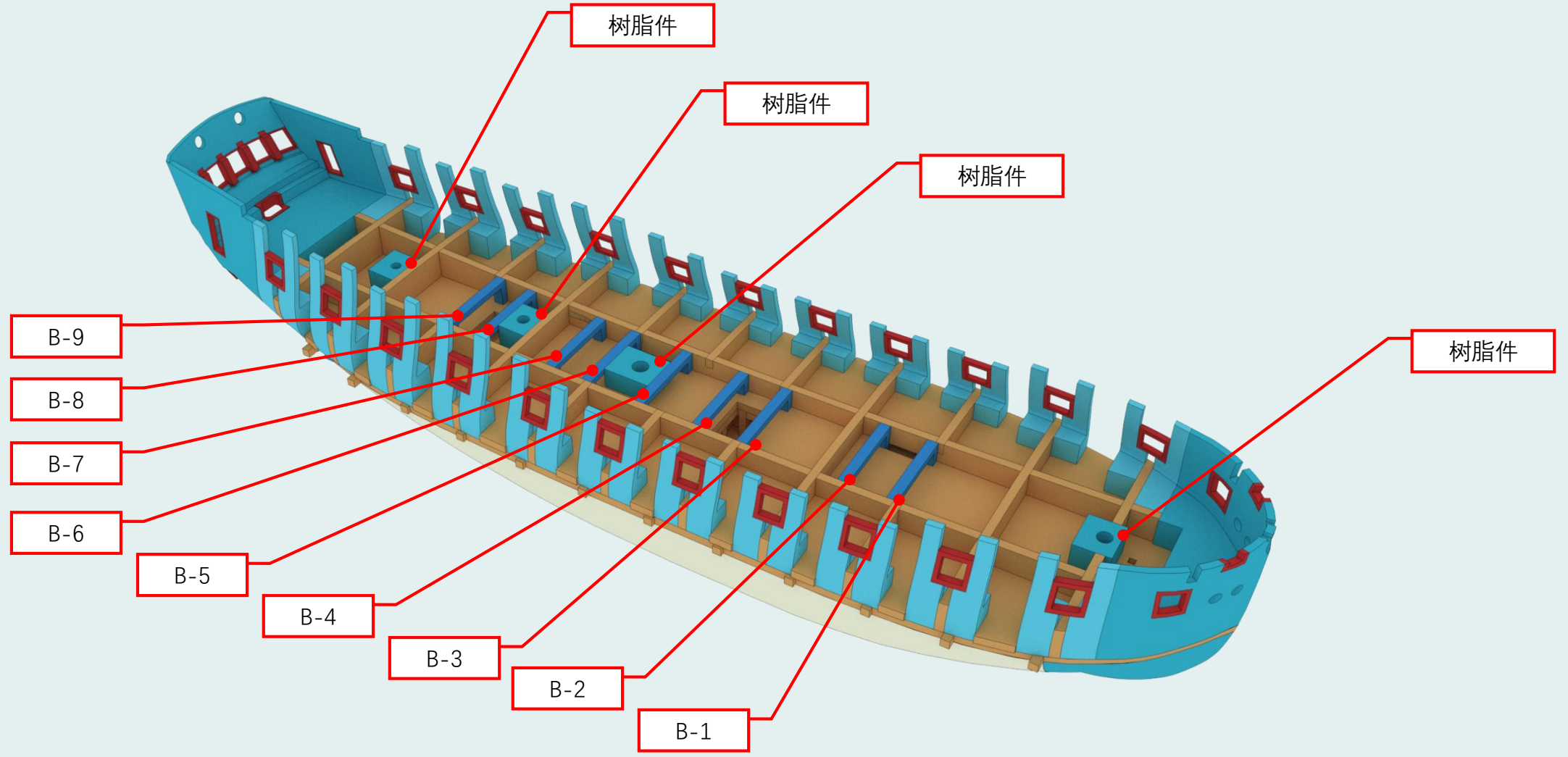


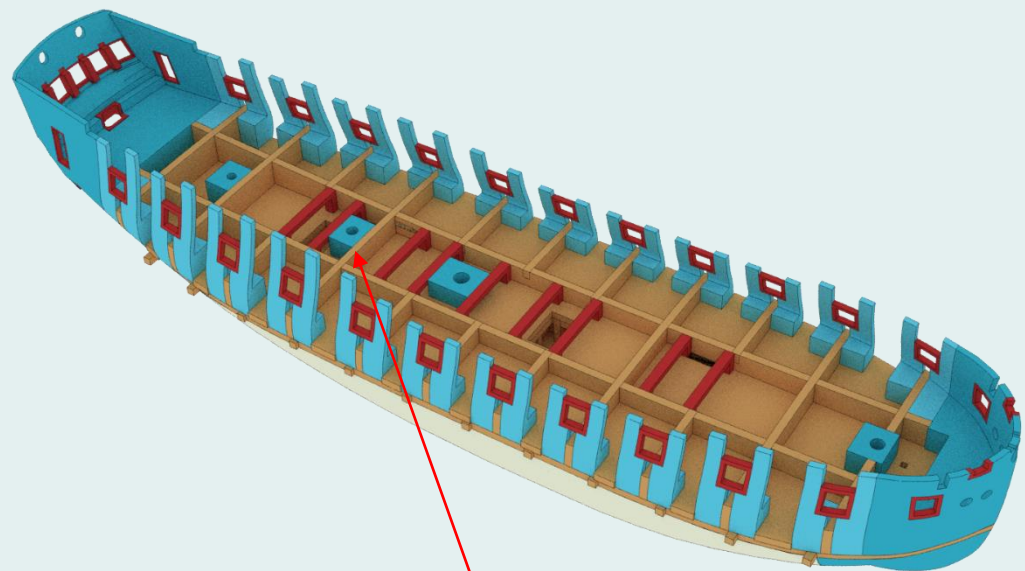


10.炮窗

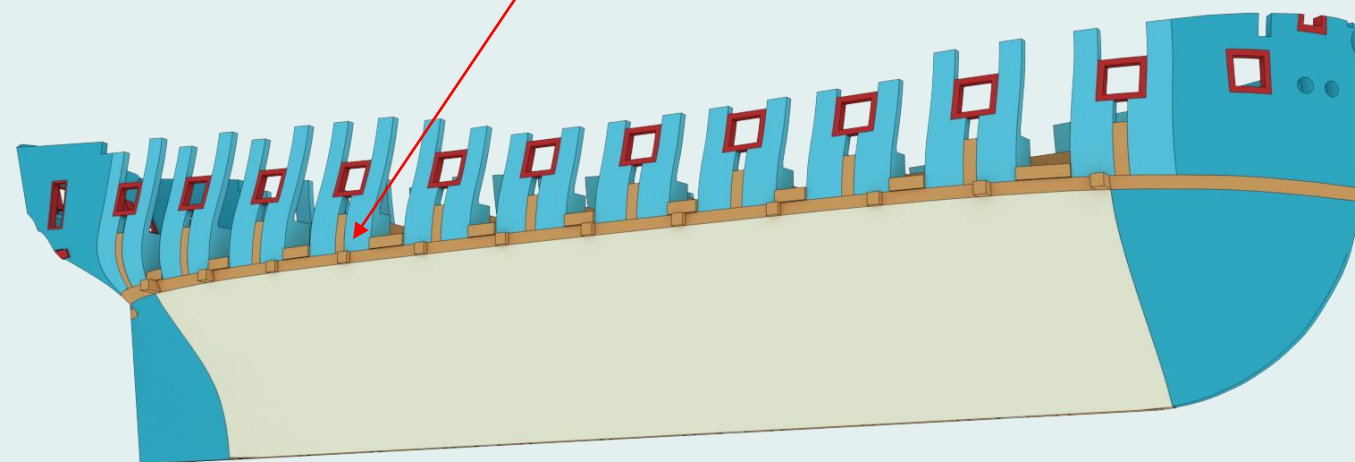


11.甲板支撑



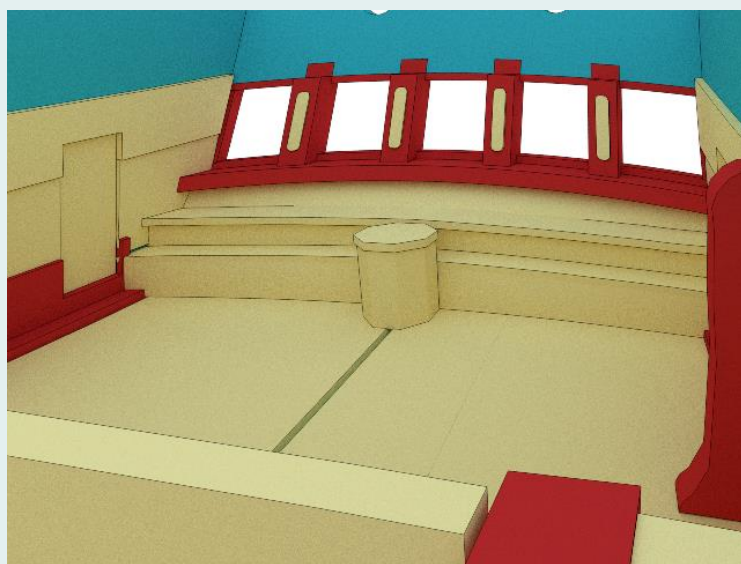
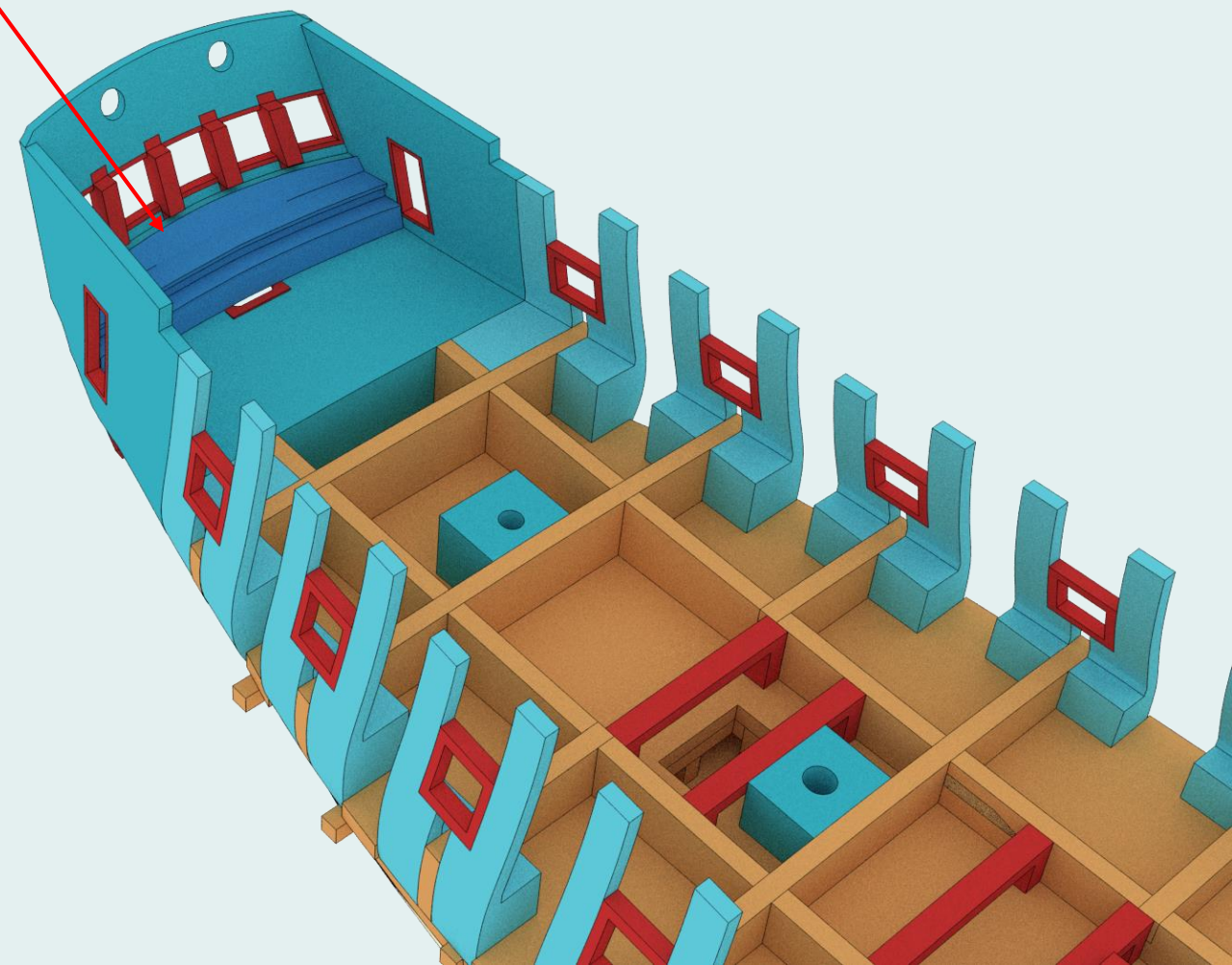
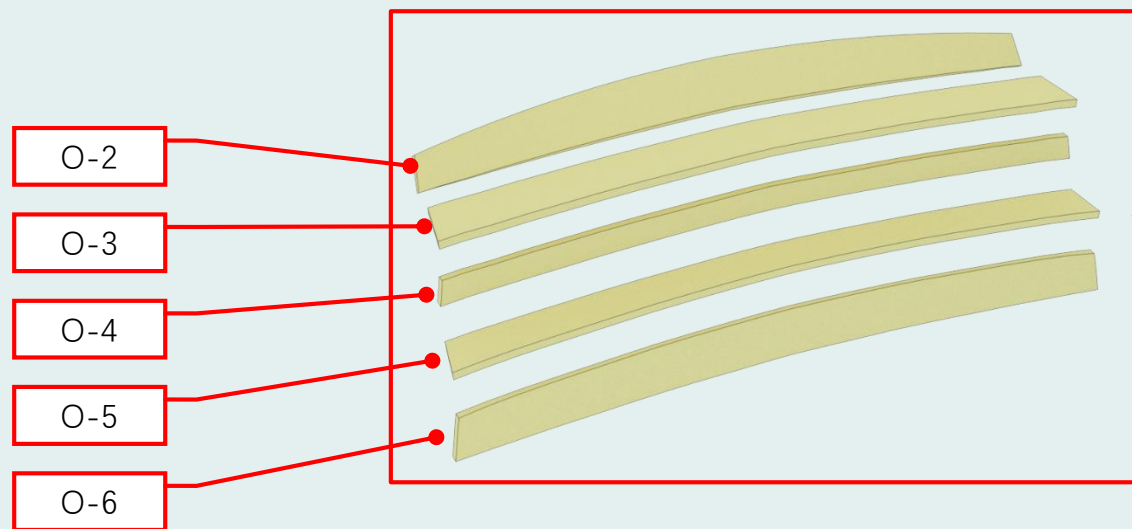


甲板支撑面尽量打磨光滑

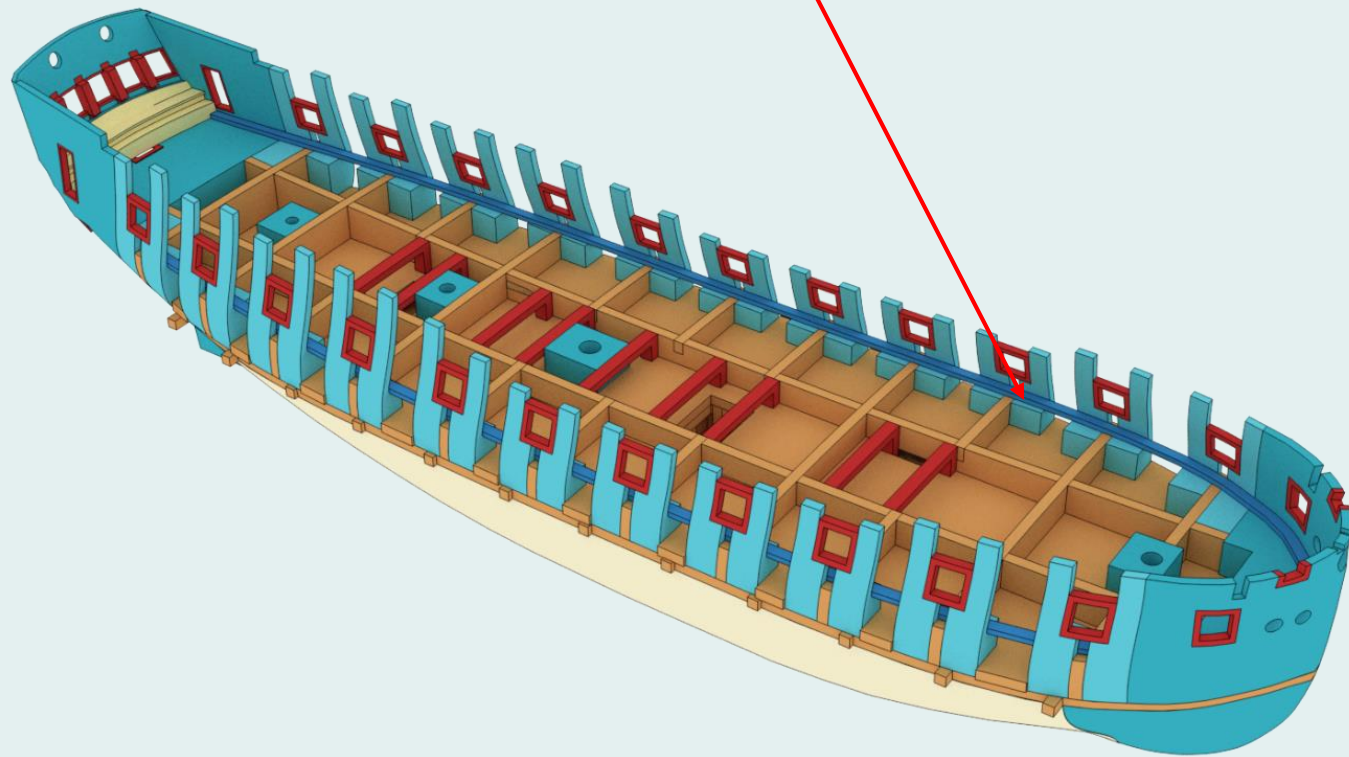
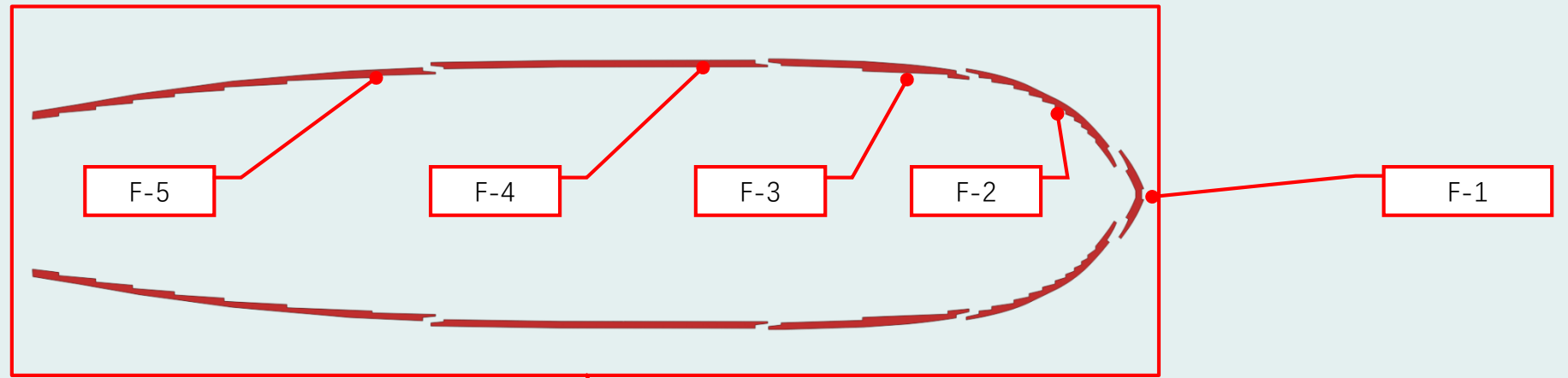


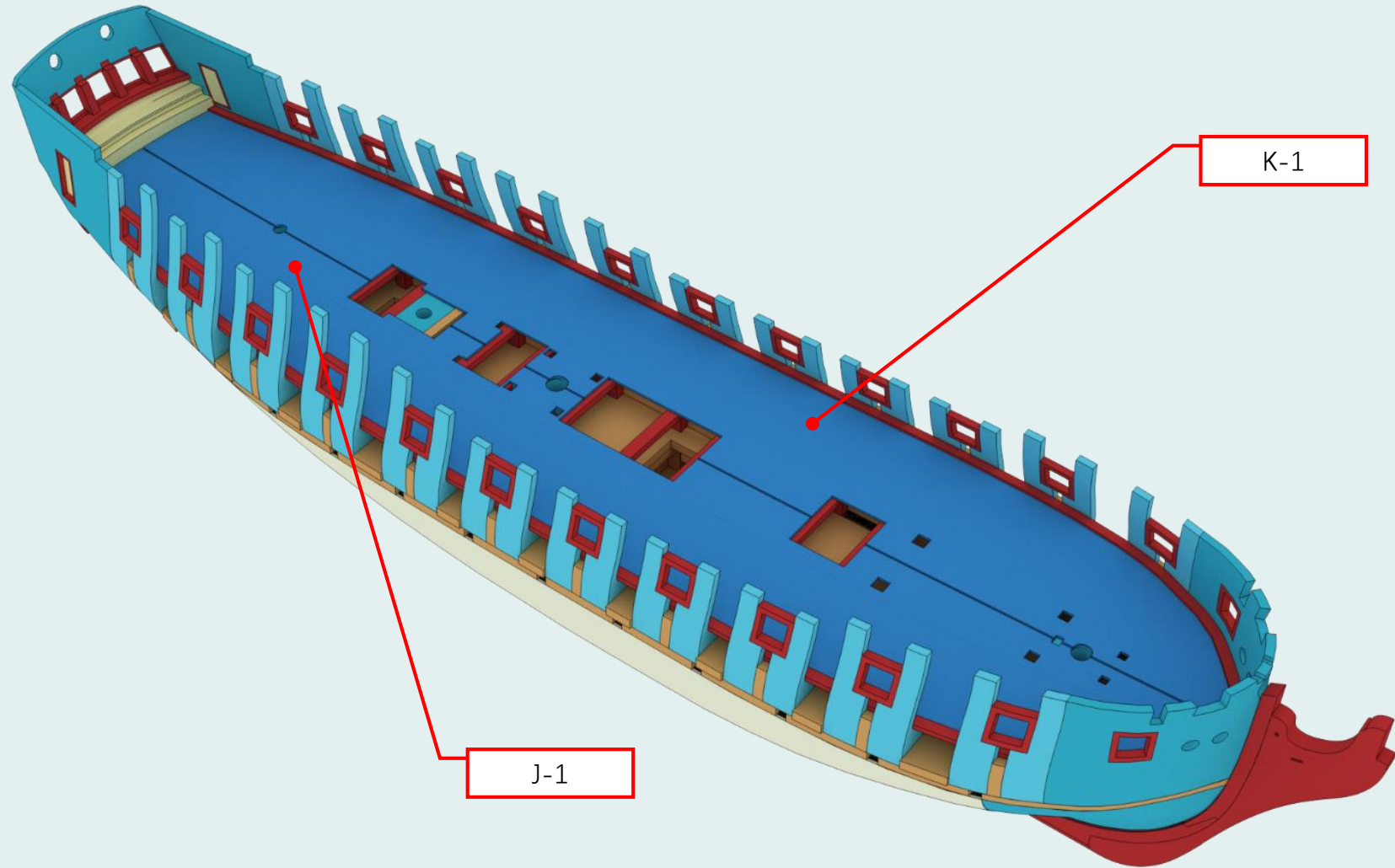
到这一步，加强筋上凸出的点可以按船体线型打磨光滑，加强筋也按打磨线打磨光滑

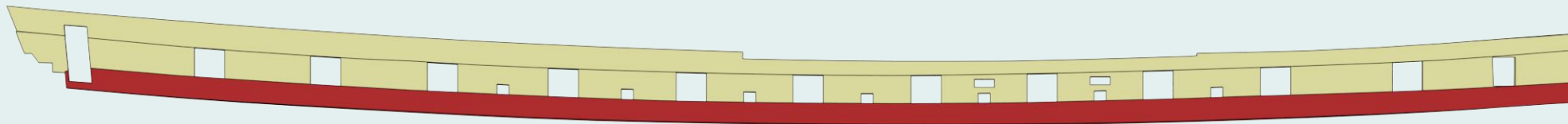
2 炮甲板



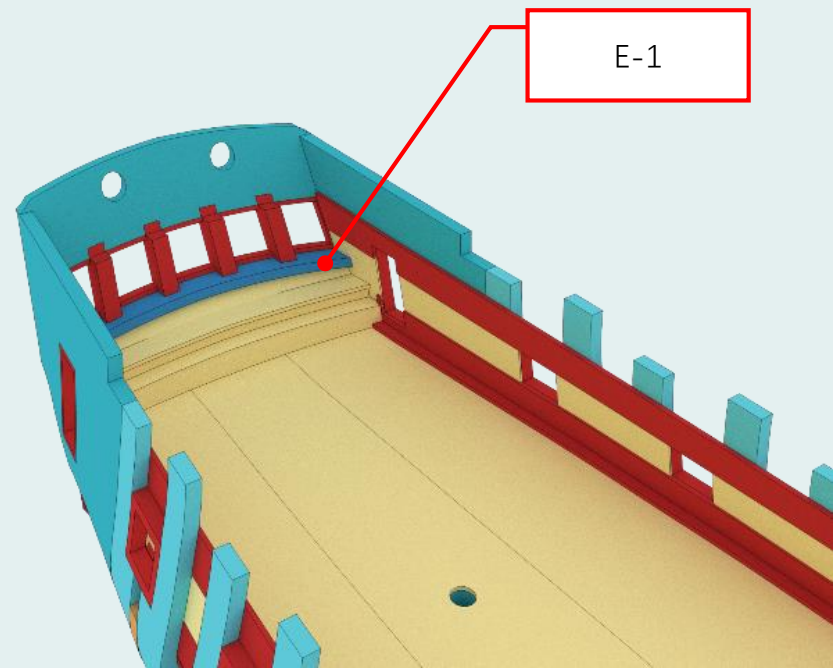
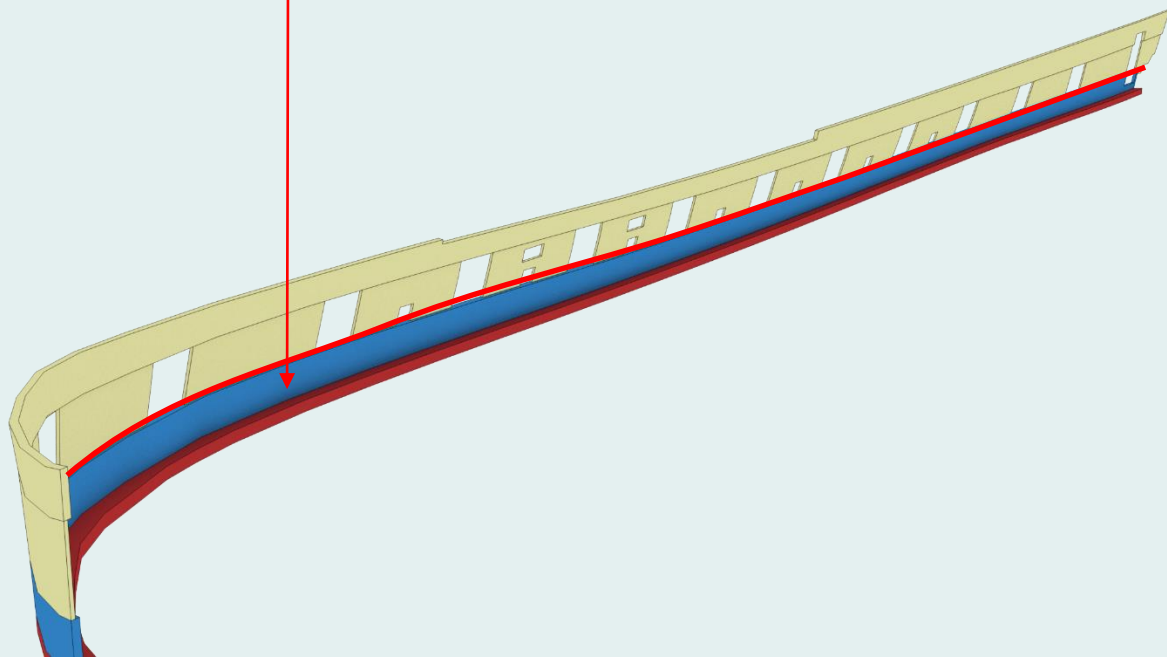
02.炮甲板压条



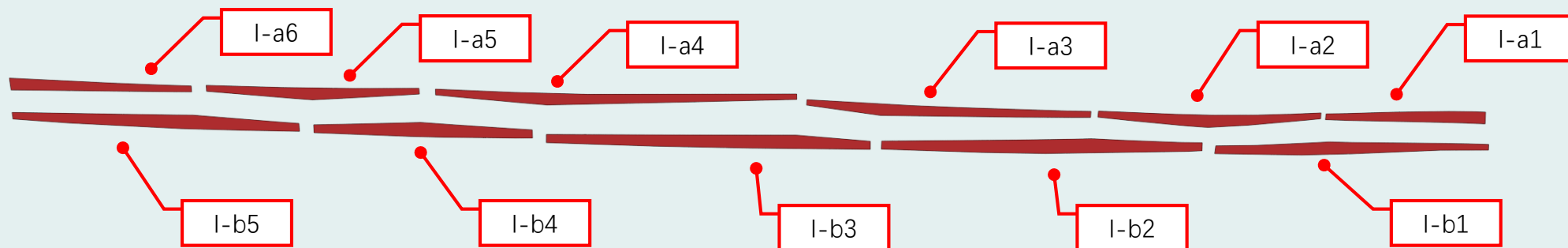
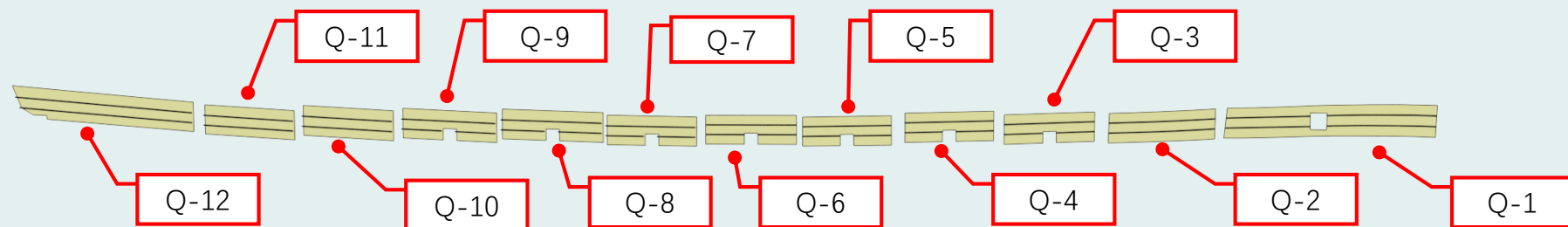
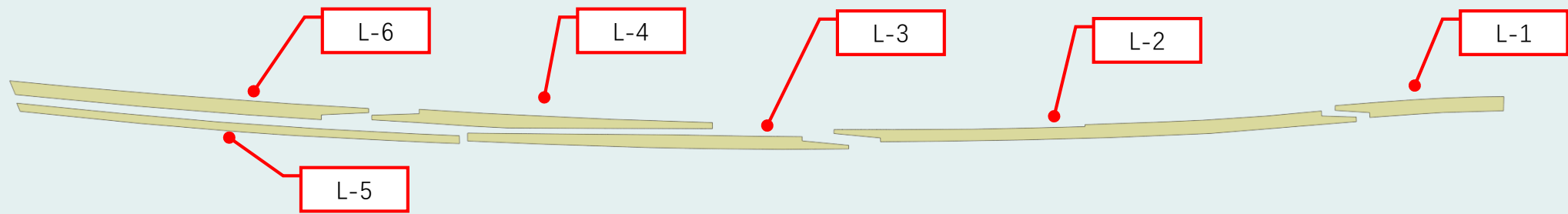




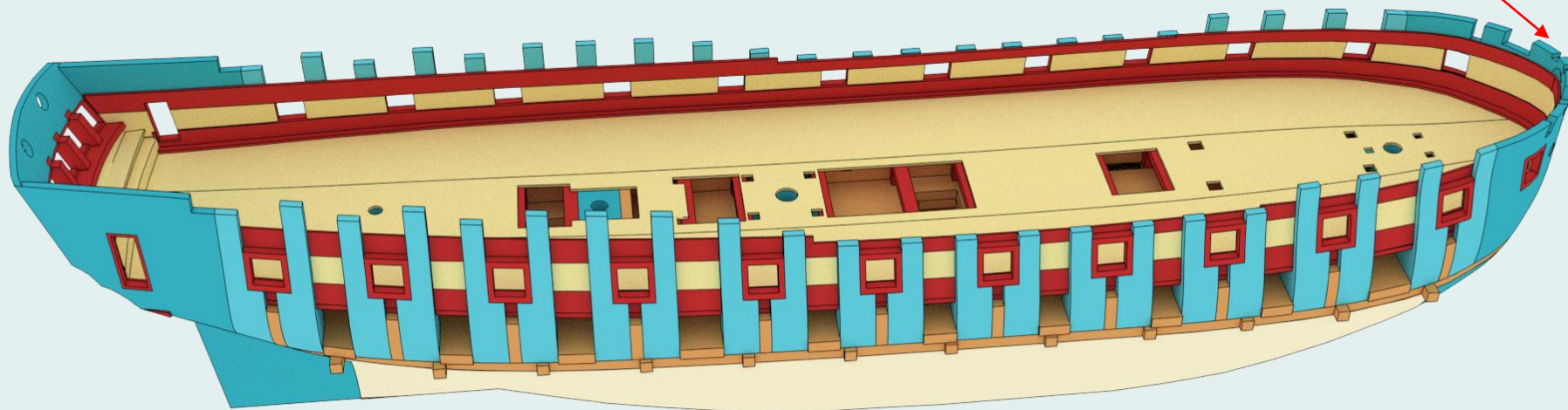
- 1、炮窗下第一根内船壳是向内倾斜的，在安装时需要按打磨线打磨出斜面
- 2、确保其上沿和炮窗口对齐（红色线部分）



04.炮甲板内船壳



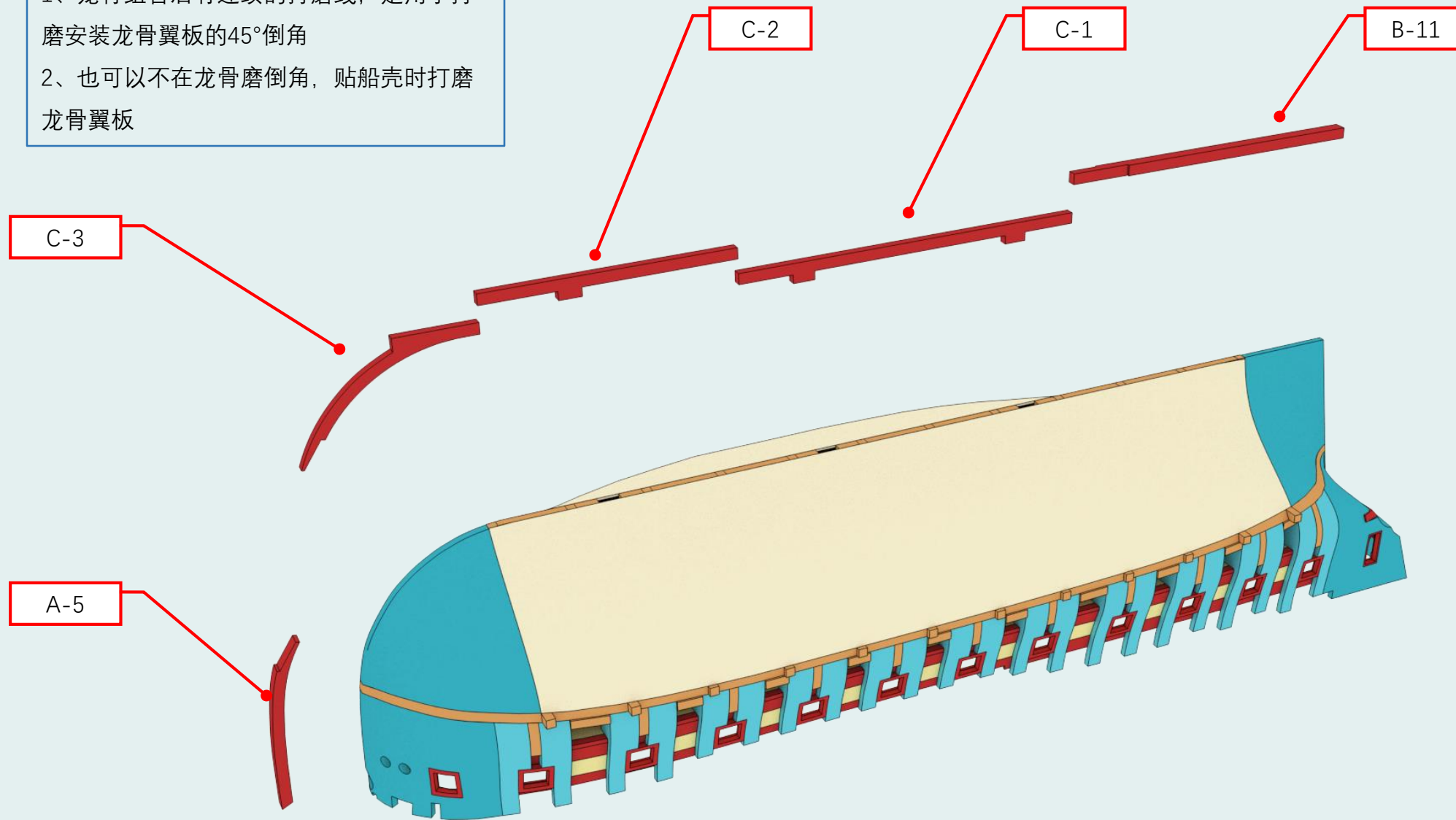
1、这里是内龙骨的露出部分，需要用
1*4mm梨木条填补，板件编号I-12



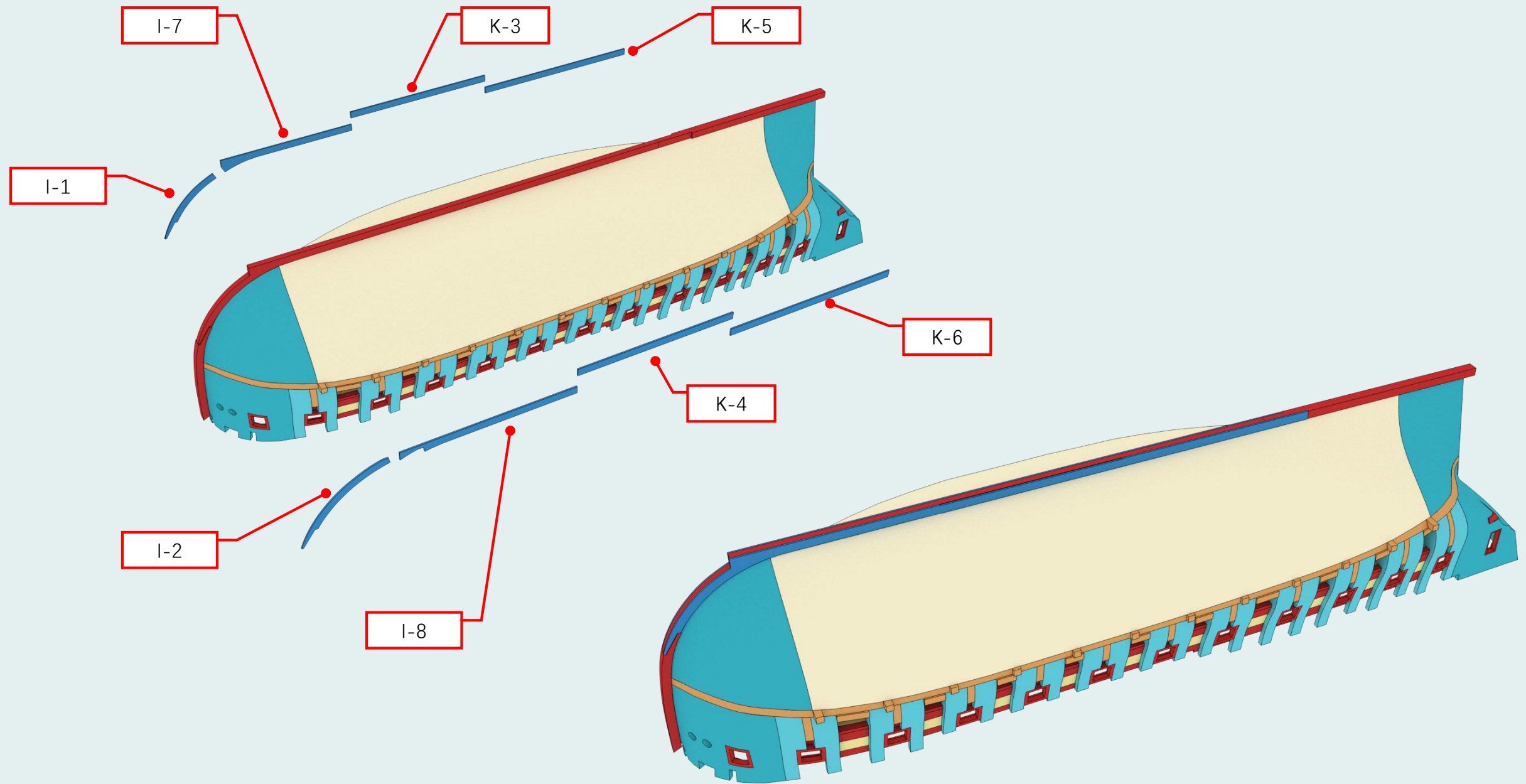
3 龙骨

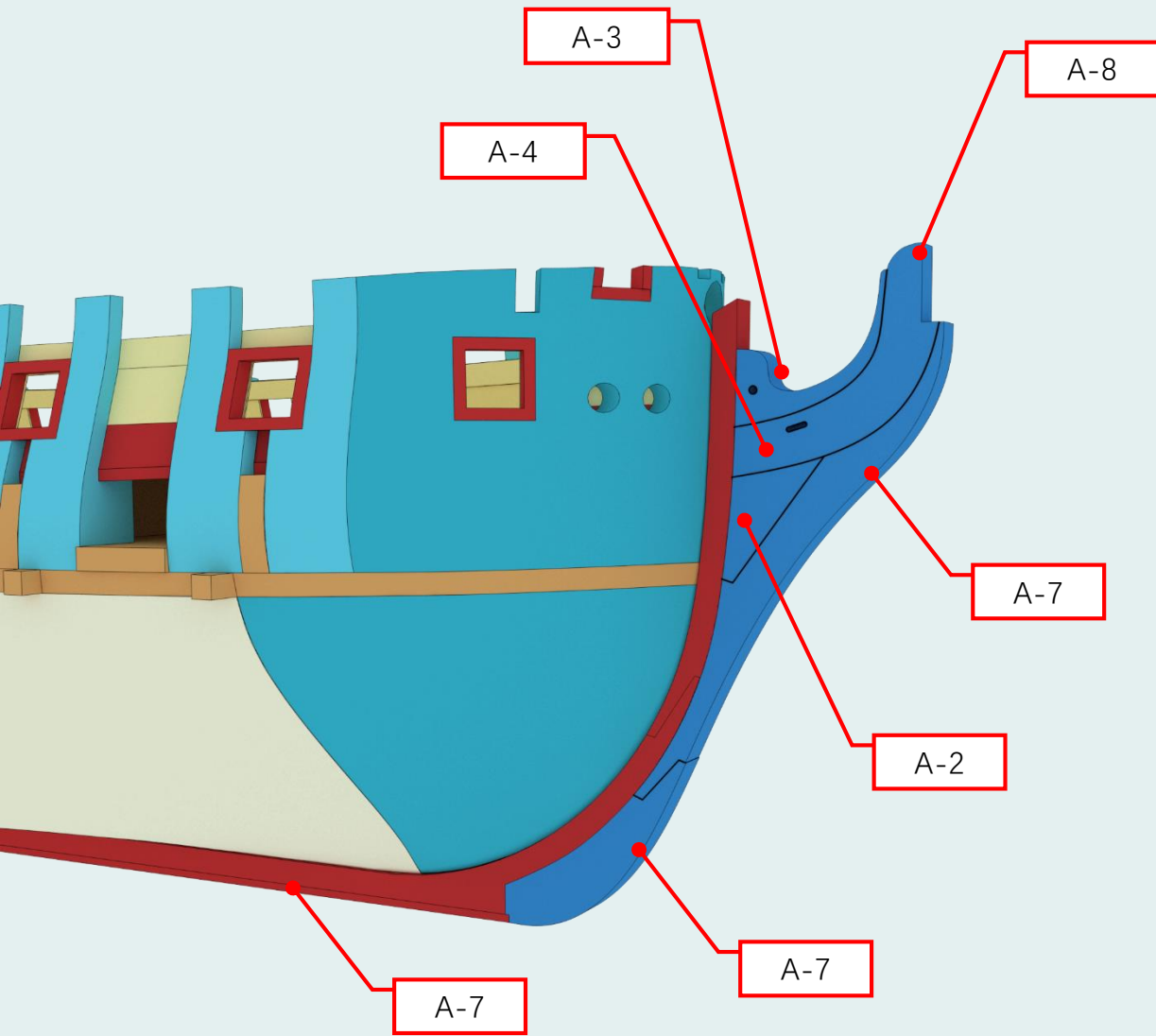
01.假龙骨

- 1、龙骨组合后有连续的打磨线，是用于打磨安装龙骨翼板的45°倒角
- 2、也可以不在龙骨磨倒角，贴船壳时打磨龙骨翼板

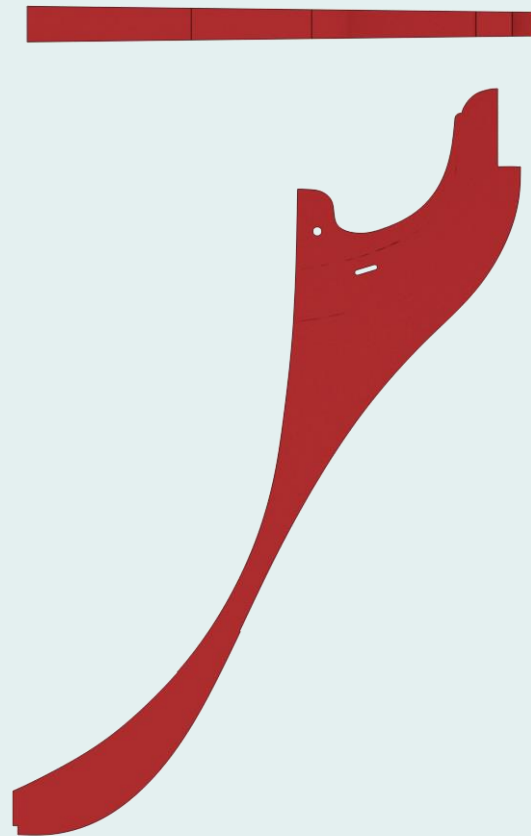


02.龙骨包裹



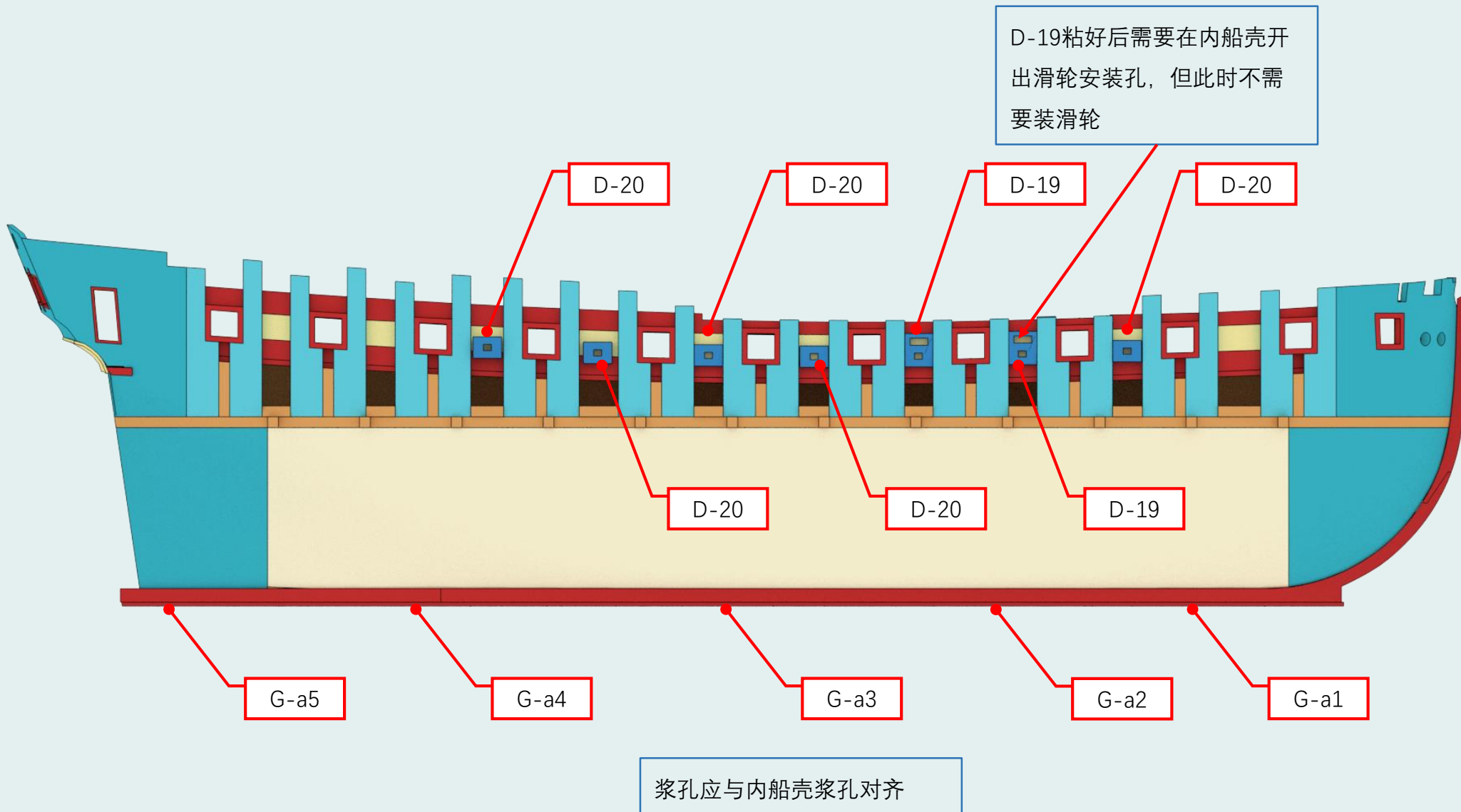


- 1、破浪材从顶视图看，应该是一个梯形结构
- 2、靠近船体部分为6mm厚，头部应该4mm厚，破浪部分需要倒圆角减少航行时阻力

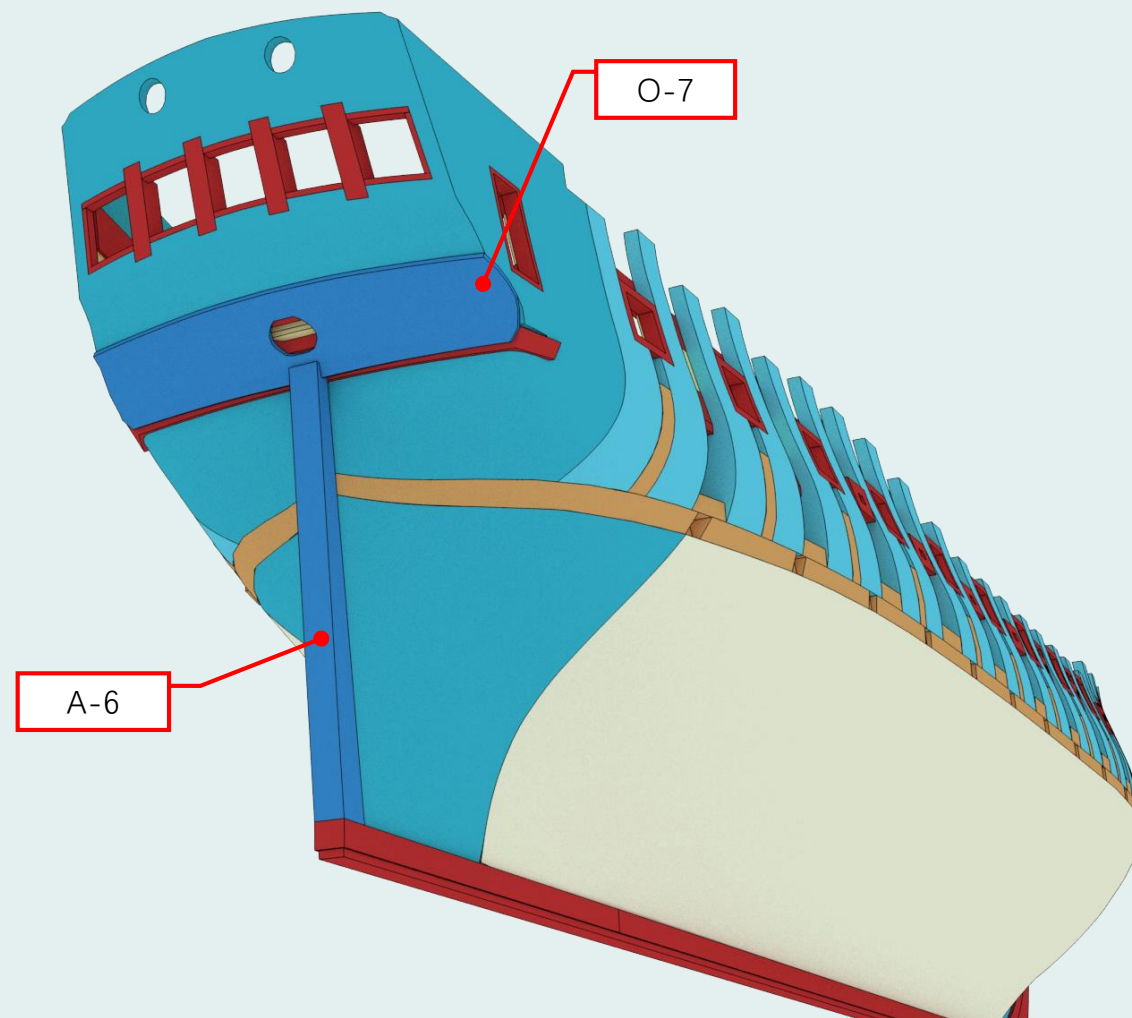


4 外船壳

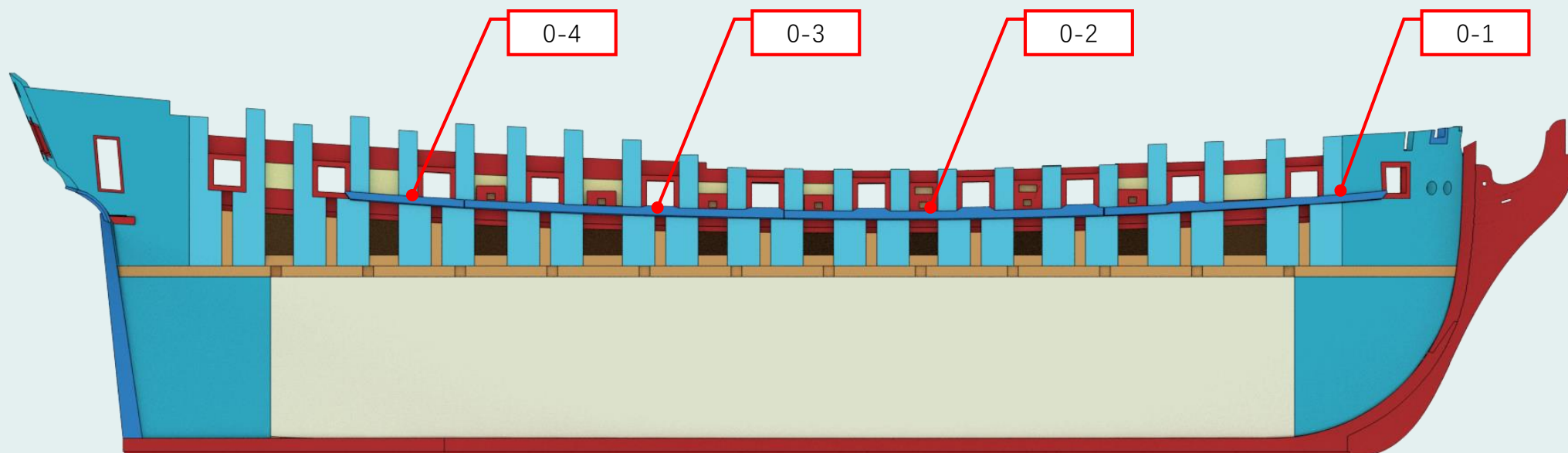
01. 浆孔



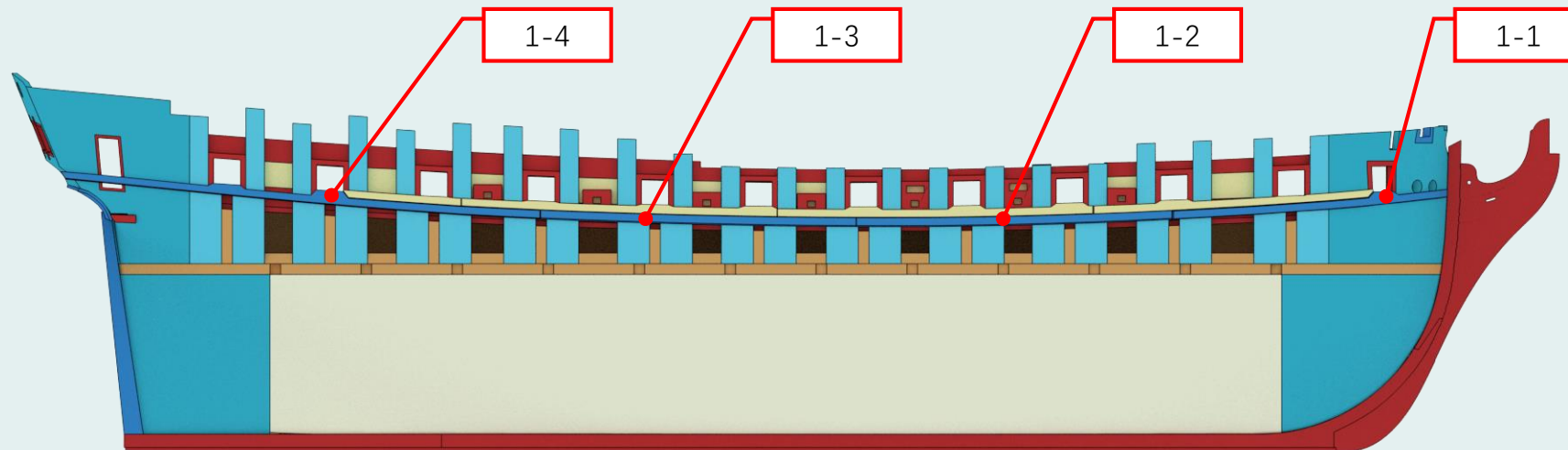
1:A-6尾柱可以在这一步安装，但推荐在贴完船壳之后再安装，效果更好



船壳料有编号的一头朝向船头，船壳木条两头都预留了0.5mm余量，可供调整，梨木需要用清水浸泡3分钟，预弯到位，试装没问题之后再行粘接，黑檀船壳需要泡水后用热风枪进行预弯

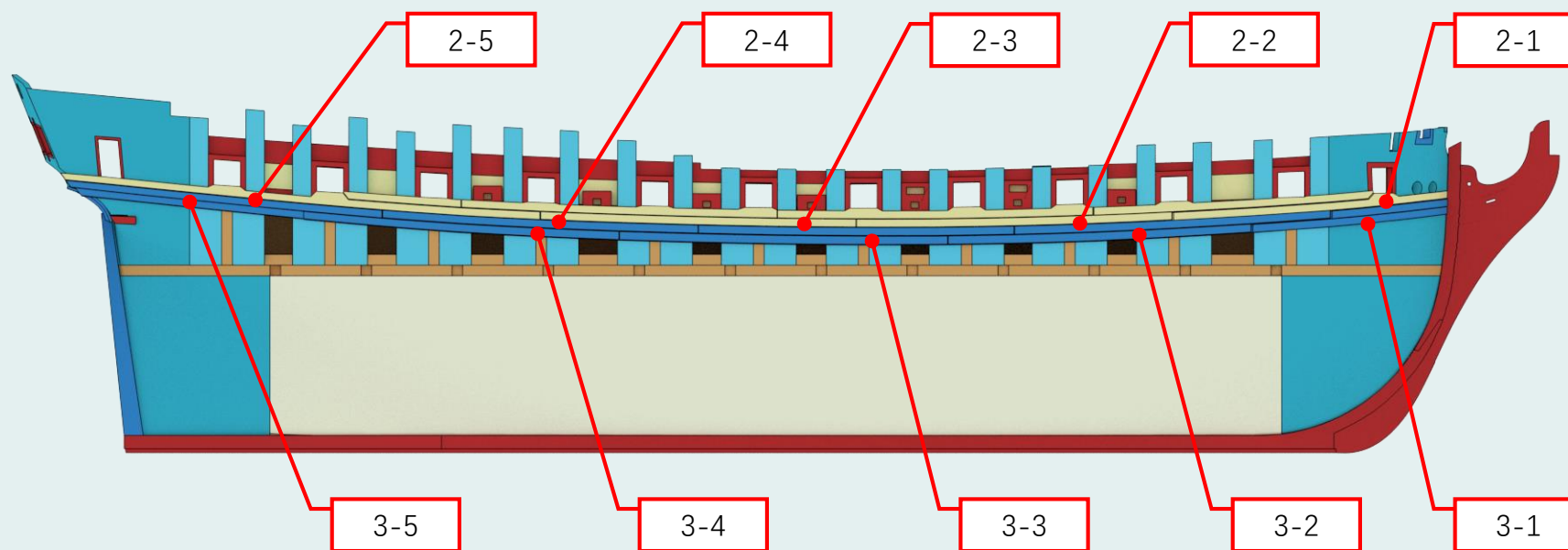


- 1、炮窗下第一根外船壳是起到定位作用，船头弯曲部分用水泡软，用手轻轻掰弯，试装无误之后用401（推荐）进行粘接
- 2、所有外船壳两端均留出0.4mm余量，取下后可以先进行轻微打磨，除去炭黑，试装后进行精准打磨
- 3、考虑到色差因素，所有船壳进行了混乱排版，以确保色差看起来更加自然，请仔细核对编号后取下
- 4、船壳可朝向底部的一面可用美工刀轻轻刮出斜面，另一面的炭黑进行保留，模拟船壳接缝
- 5、每一根船壳，在板件上有编号的一端朝向船头，取下前可用铅笔轻轻做记号



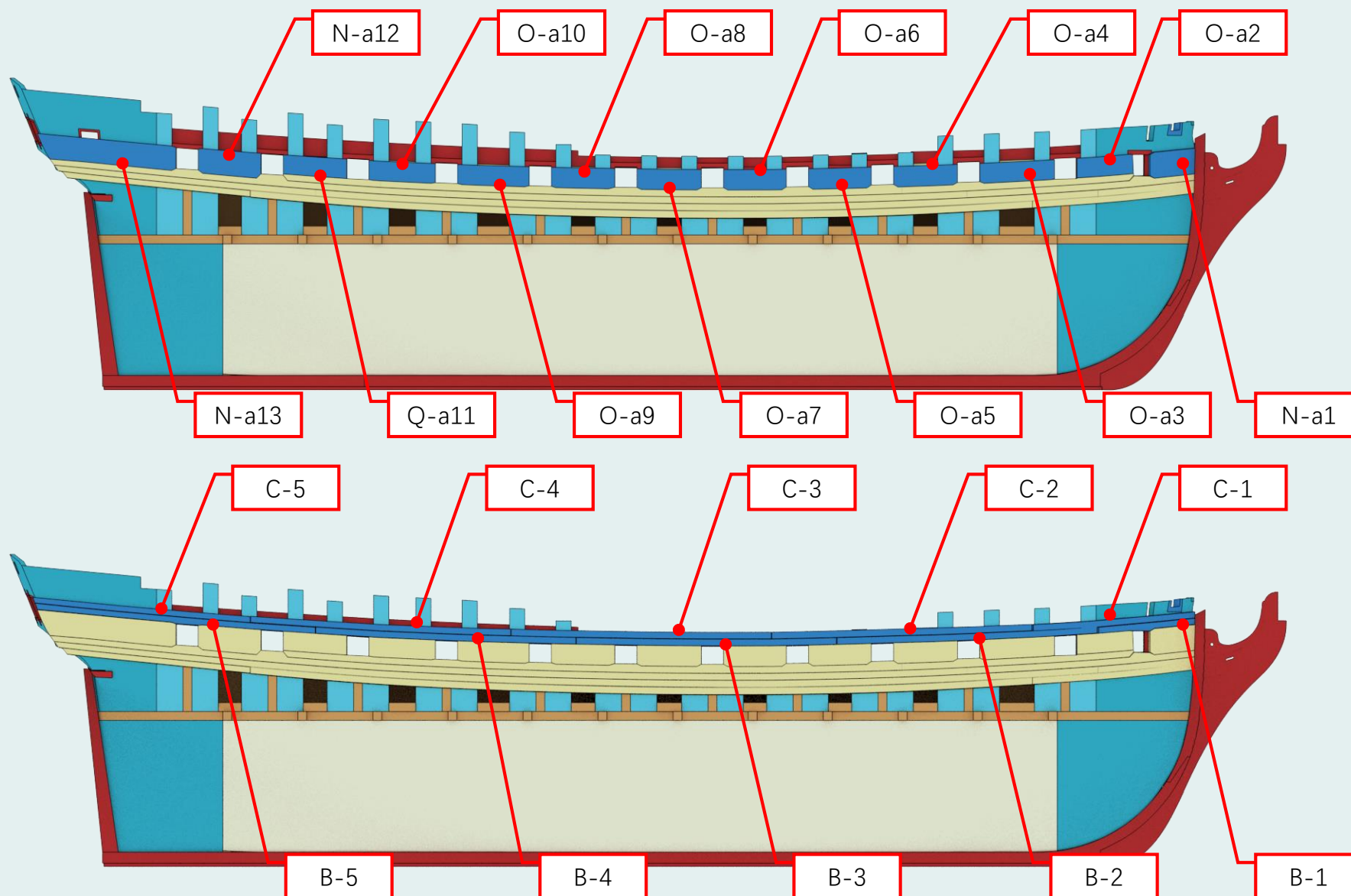
1、水线上船壳按0-3，从头自尾的顺序进行铺装

2、水线上船壳用“x-x”进行编号，主要集中在S1/S2/S3的黄杨板件上，厚度1mm

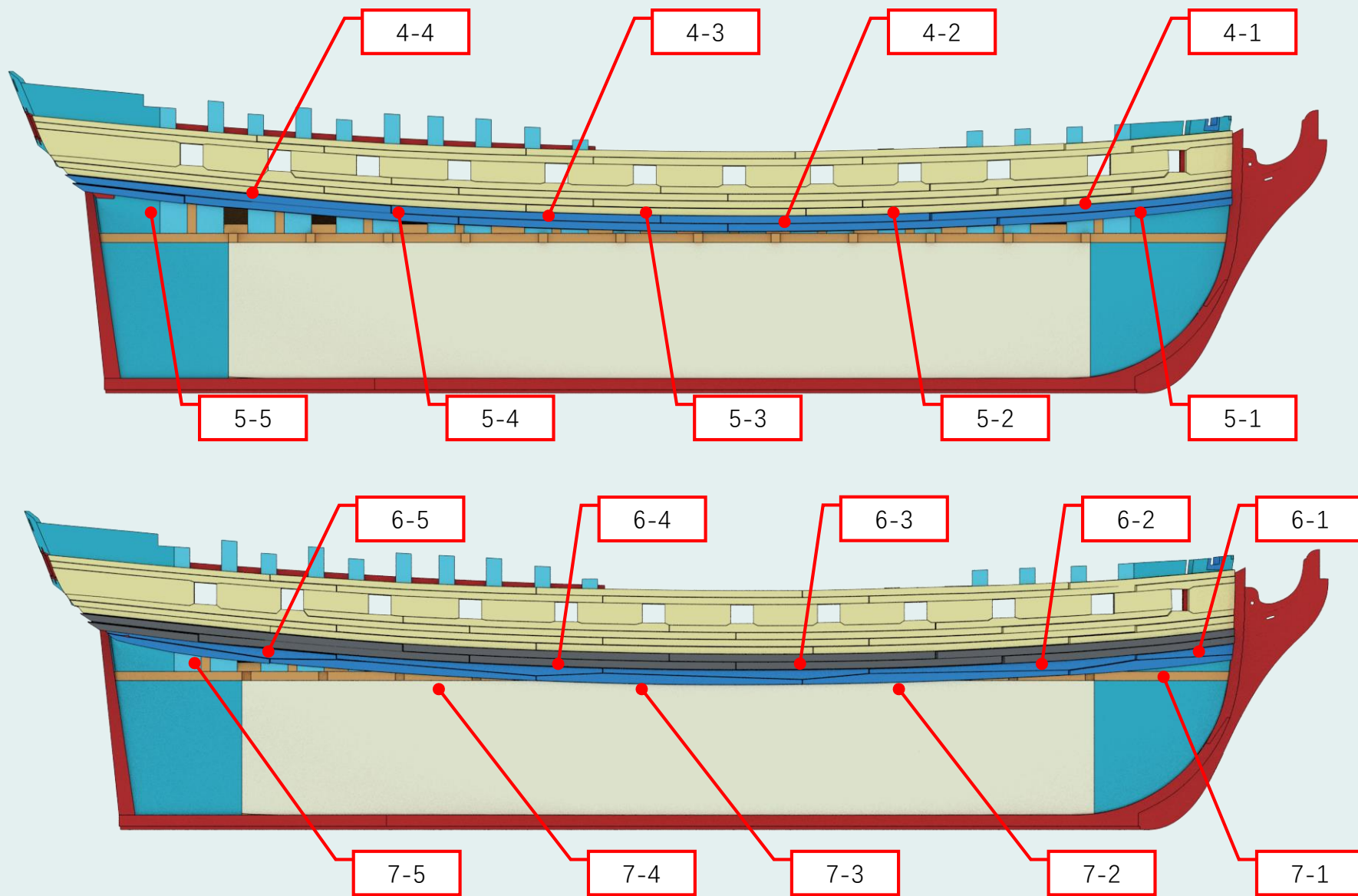


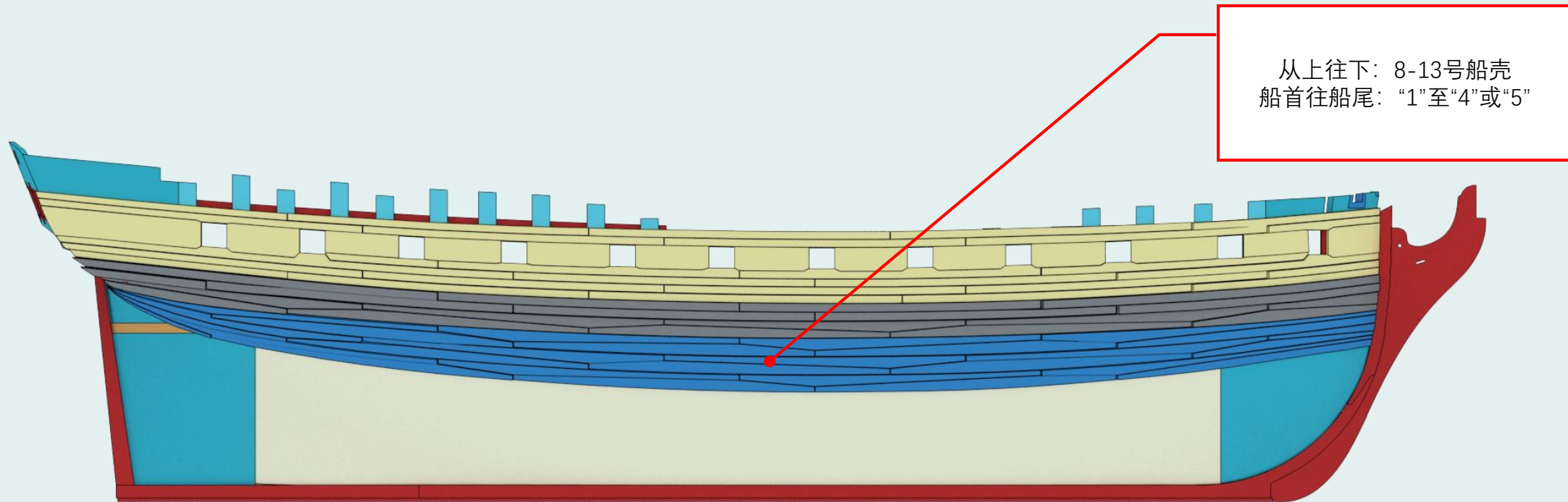
05.炮窗及以上船壳

- 1、炮窗船壳在板件N和板件O上，编号a1-a12，
- 2、a1-a12两端留出0.5mm余量，可先安装，后期修整炮窗时打磨
- 3、炮窗上两根船舷为1mm黄杨料，编号为B、C

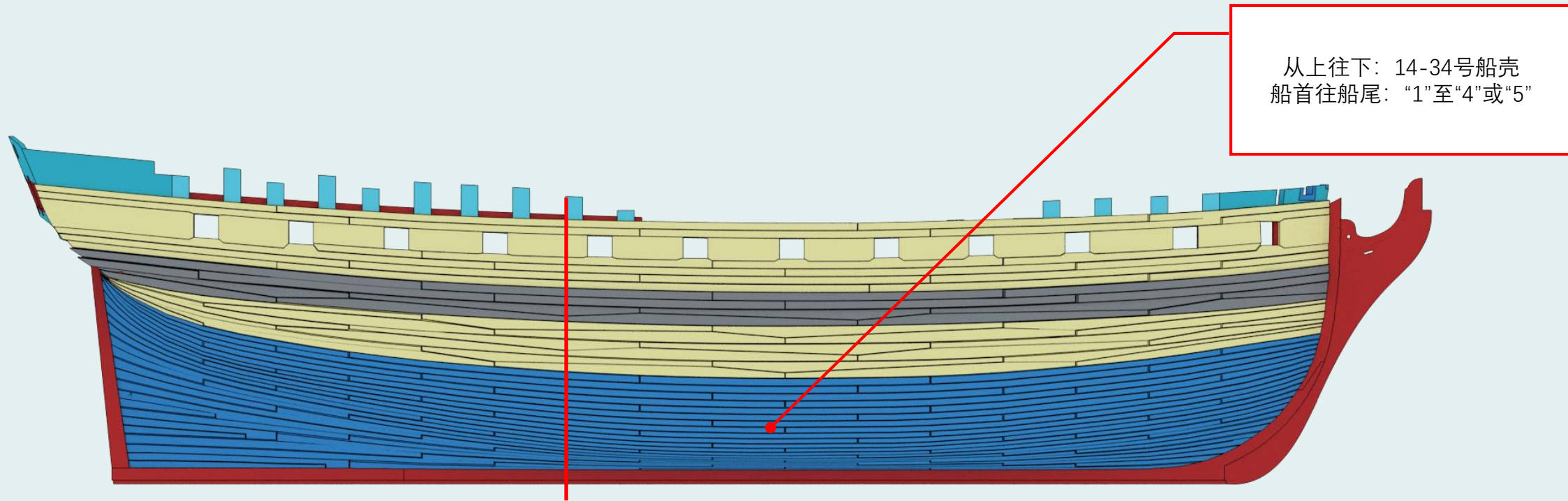


- 1、加强筋为2组4根，编号为4-7，
- 2、板件编号为S11，2mm黑檀料
- 3、黑檀油性大，不易吸水，泡水很难进行预弯，可以用吹风机吹热后用手轻轻预弯





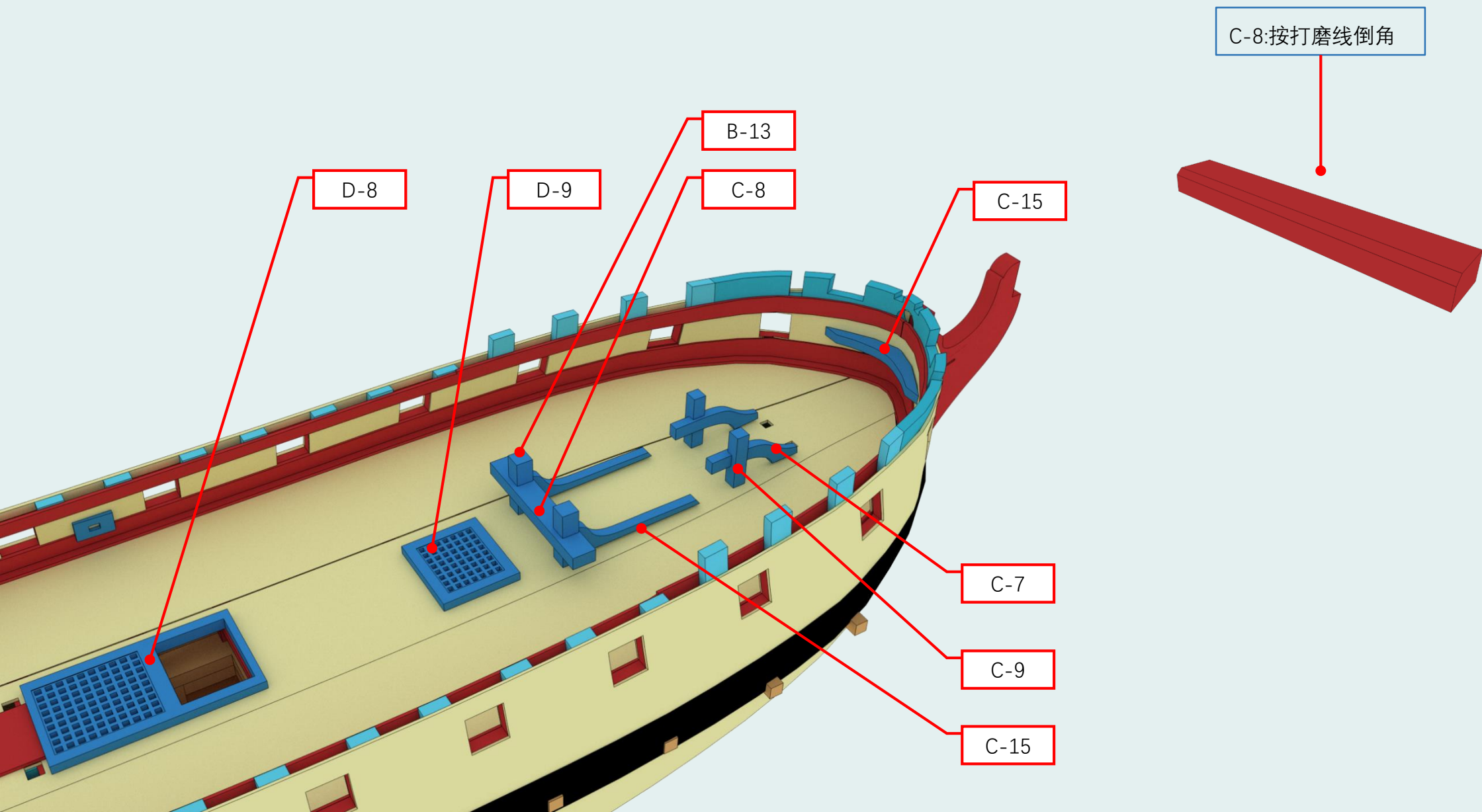
- 1、加强筋以下的船壳板件编号为S3-S10，随机分布
- 2、8-13号船壳为拼接船壳，注意分辨好朝向和顺序，依次铺装

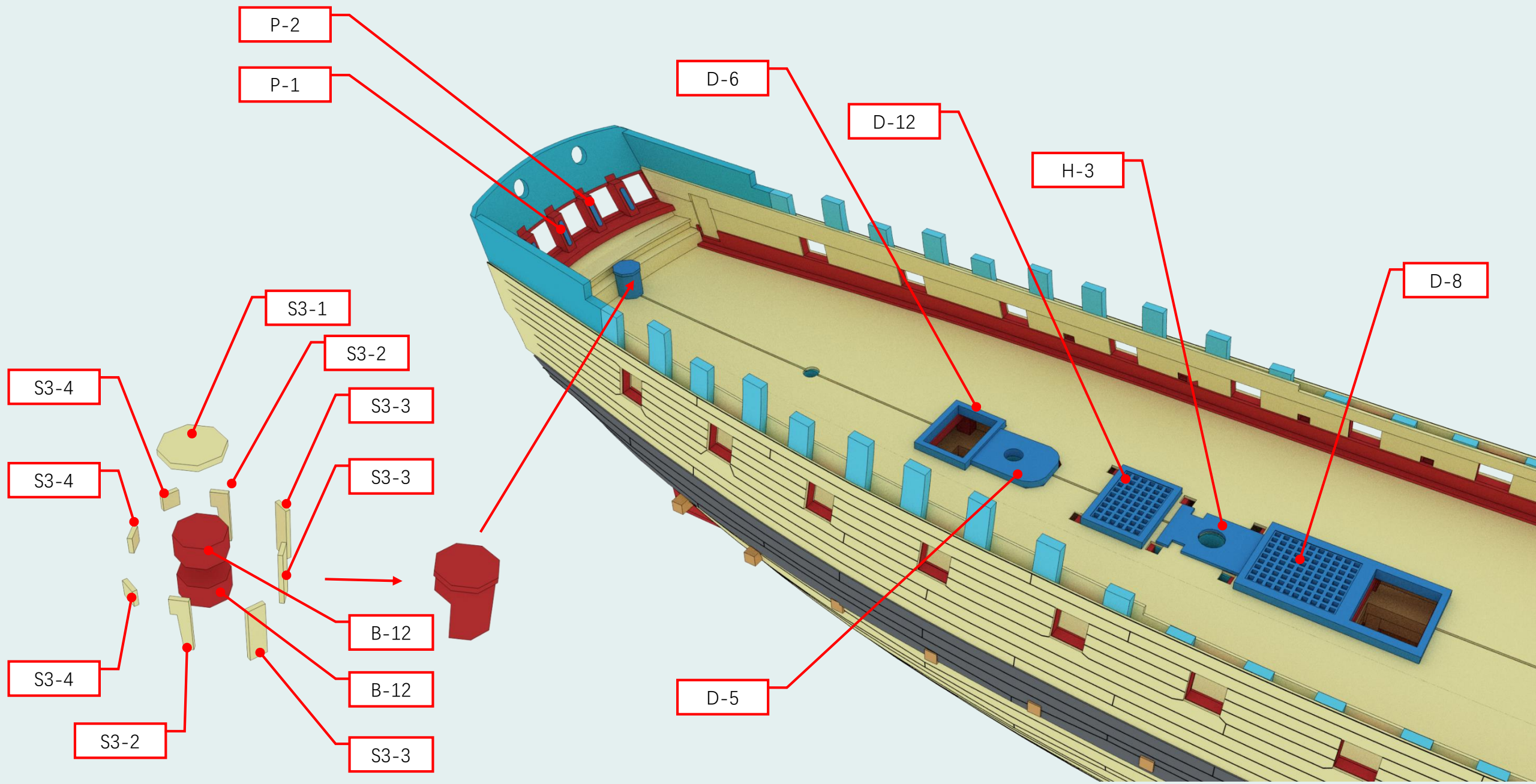


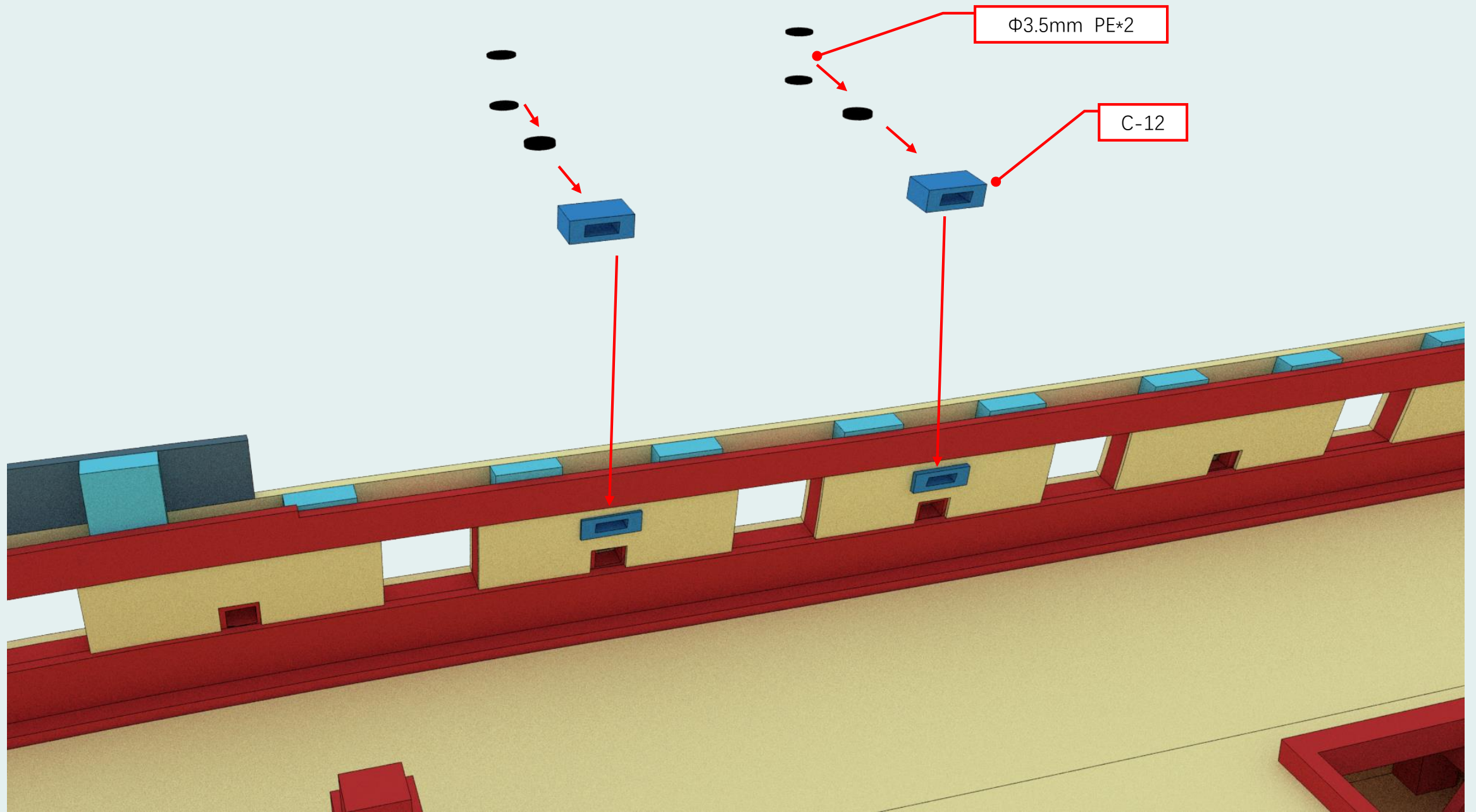
- 1、加强筋以下的船壳板件编号为S3-S10，随机分布
- 2、14-34号船壳为拼接船壳，注意分辨好朝向和顺序，依次铺装，通过轻微打磨，保证分割线（红线示意）在同一平面即可

5 炮甲板舾装

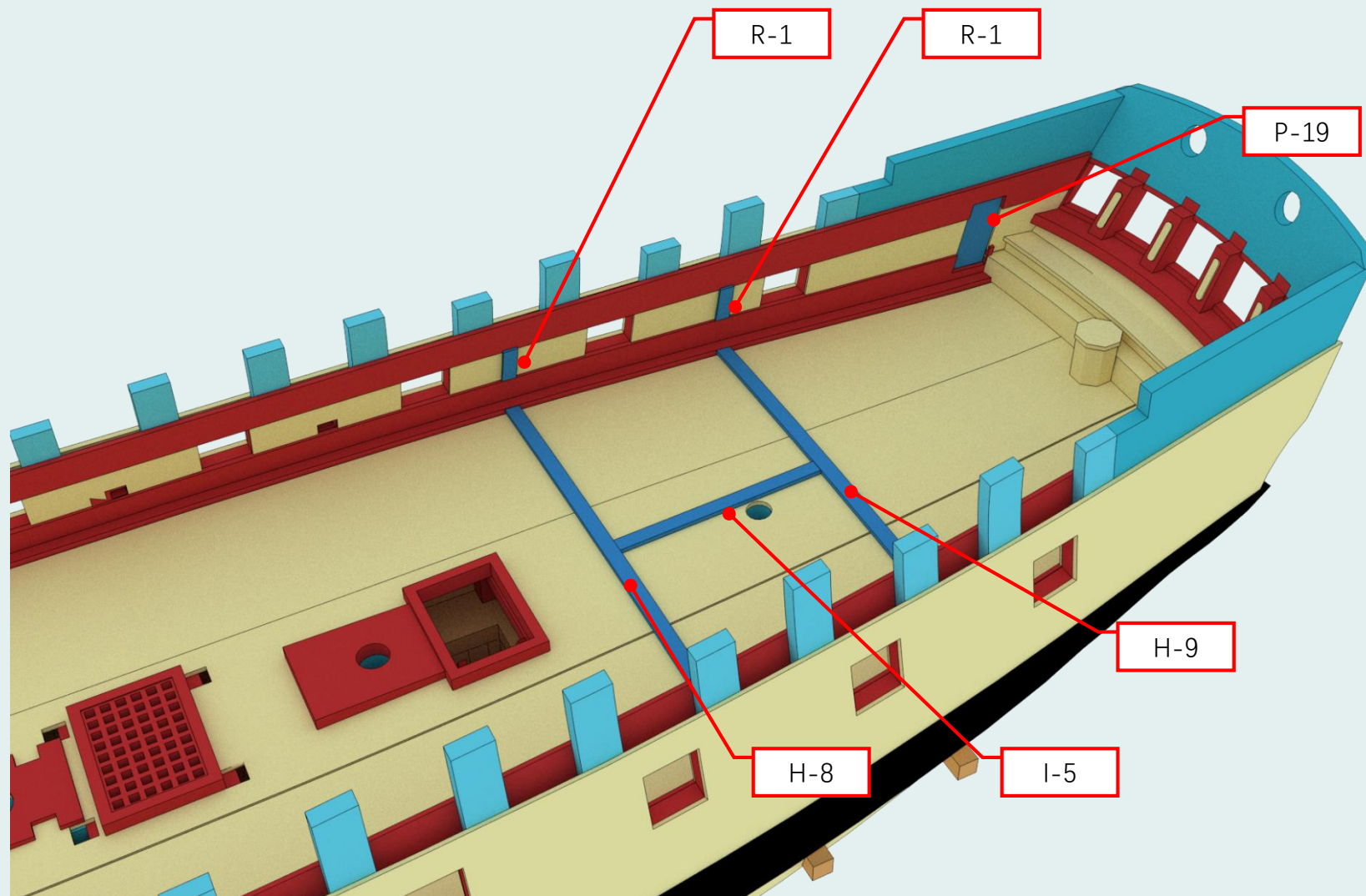
01.炮甲板前段



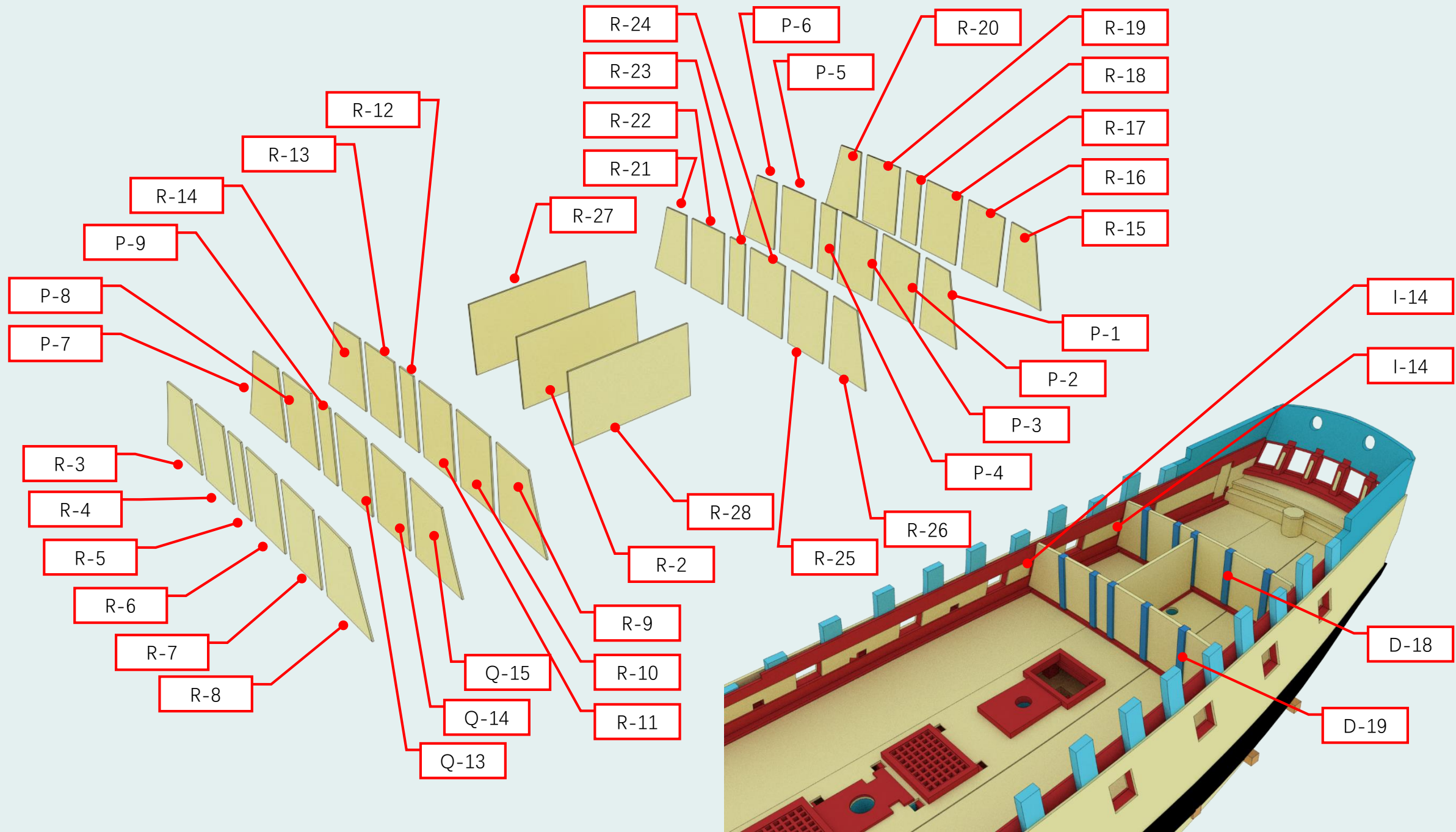


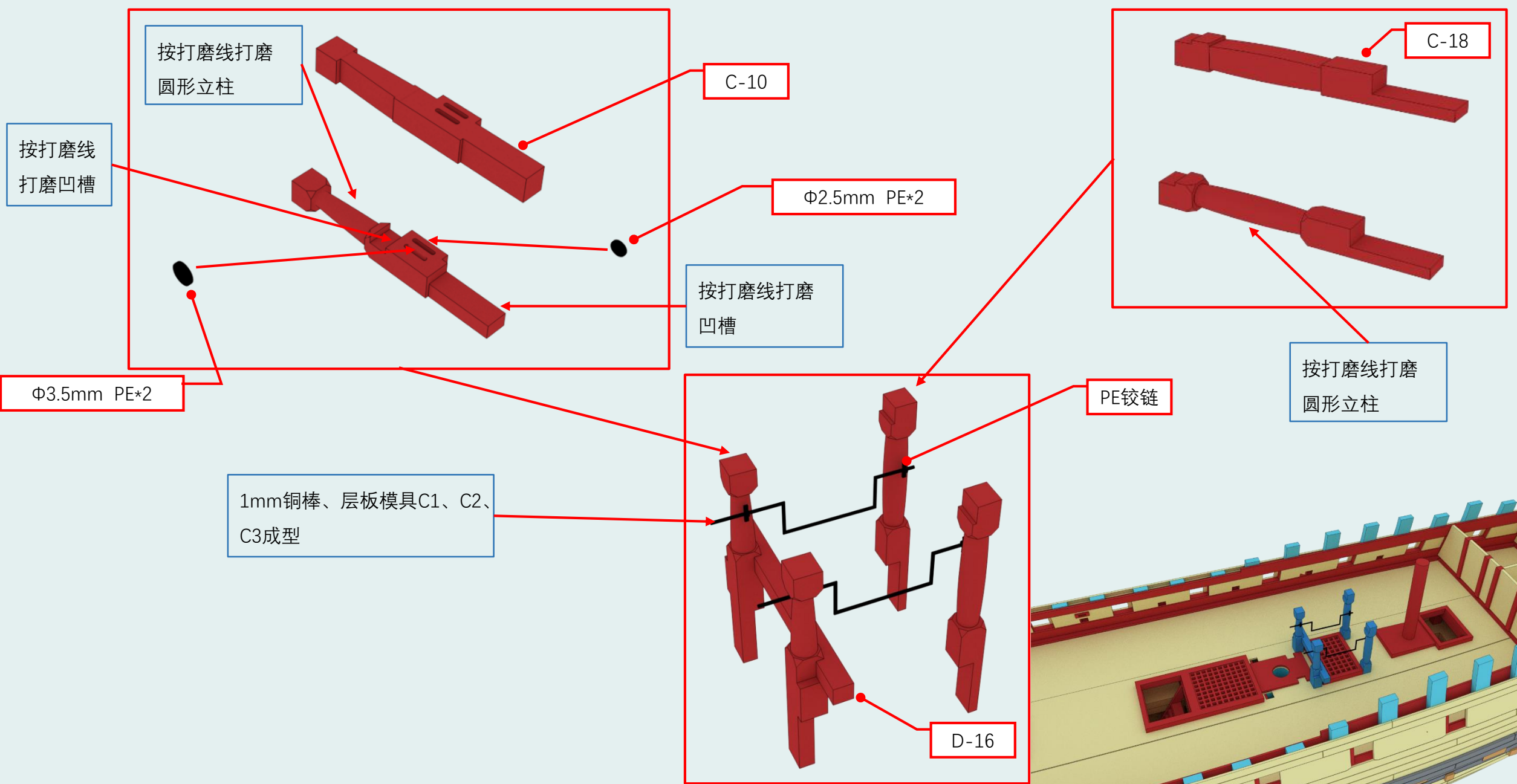


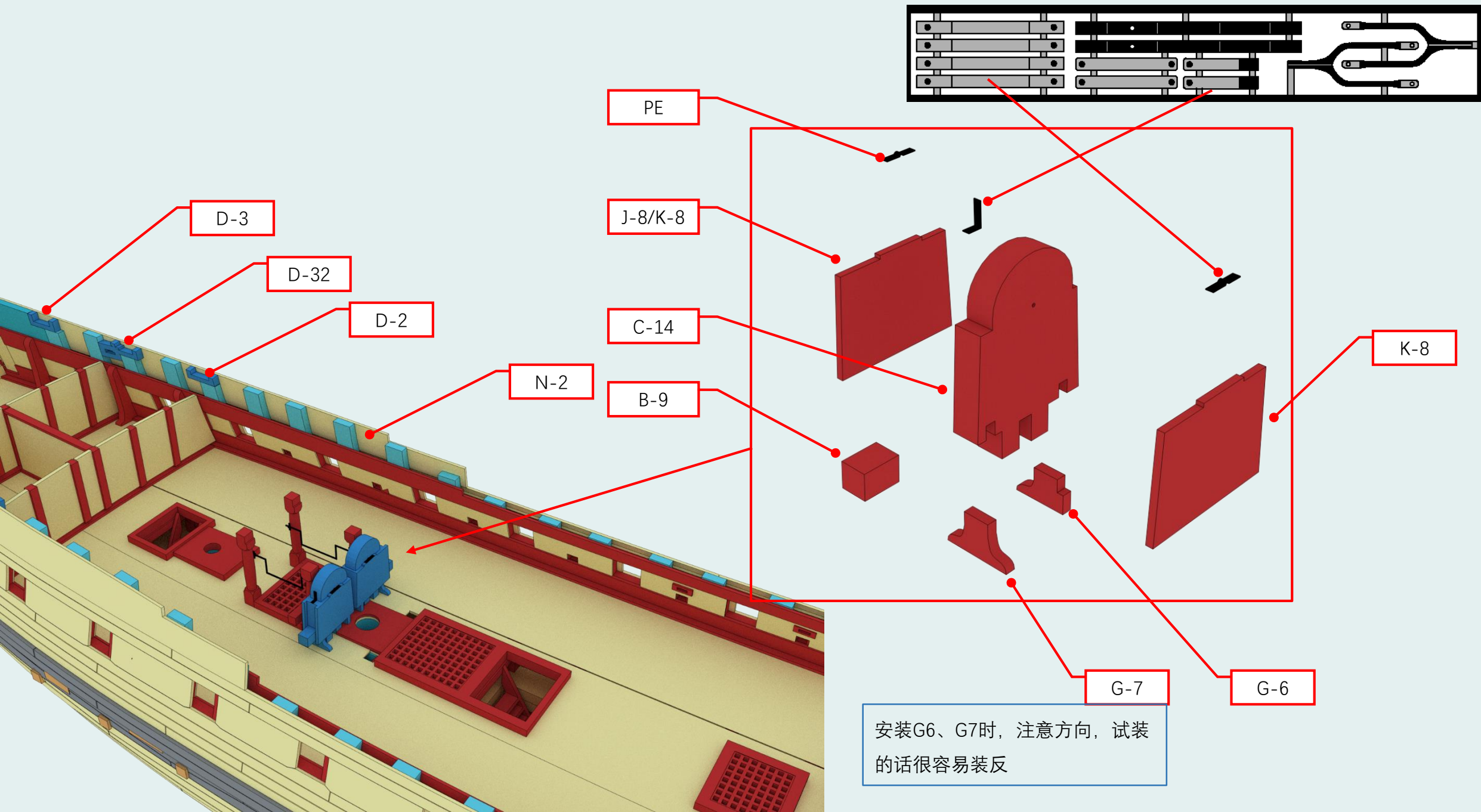
04.炮甲板隔舱



05.炮甲板隔板安装







D-3

D-32

D-2

N-2

PE

J-8/K-8

C-14

B-9

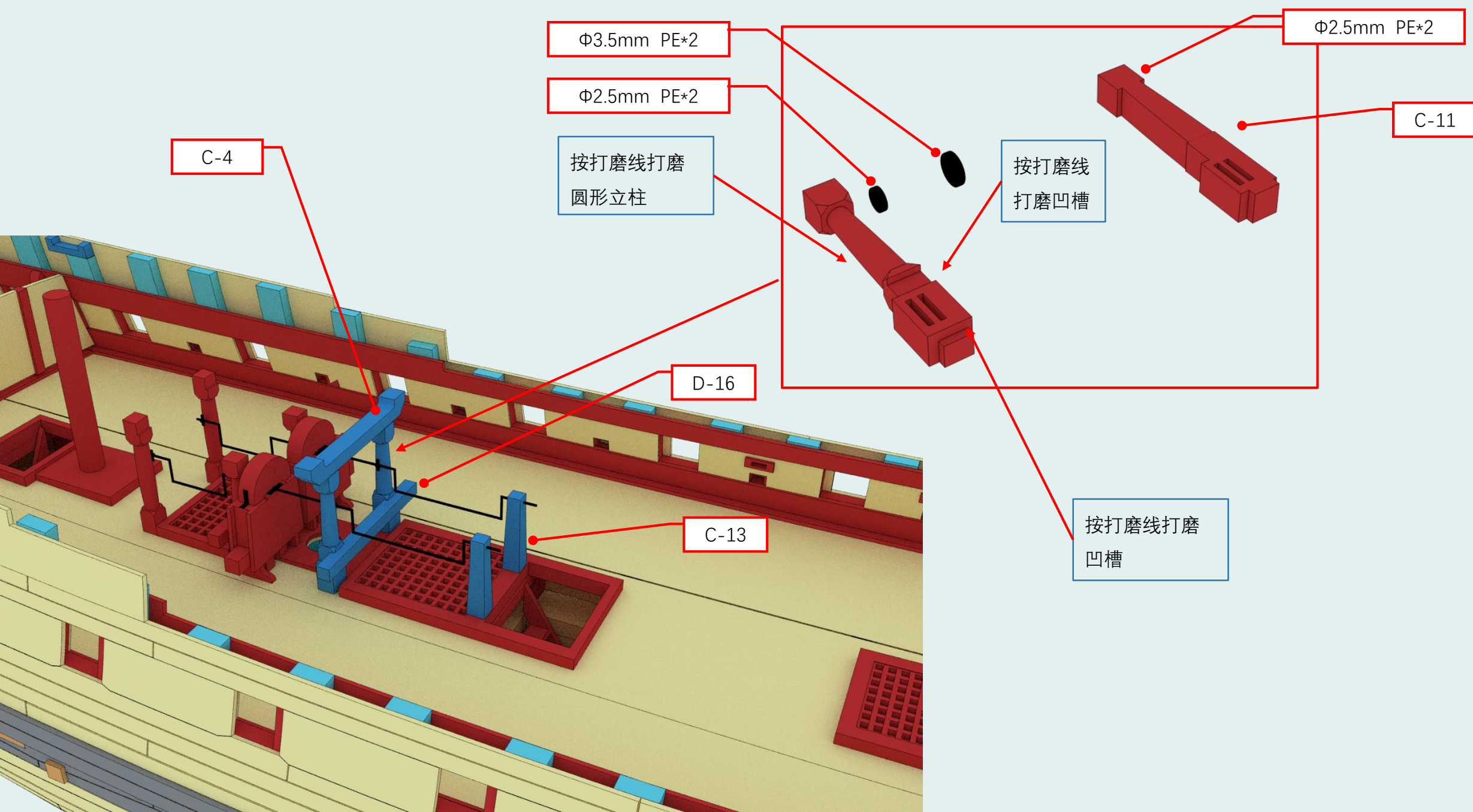
K-8

G-7

G-6

安装G6、G7时，注意方向，试装的话很容易装反

08.链式抽水车3



C-4

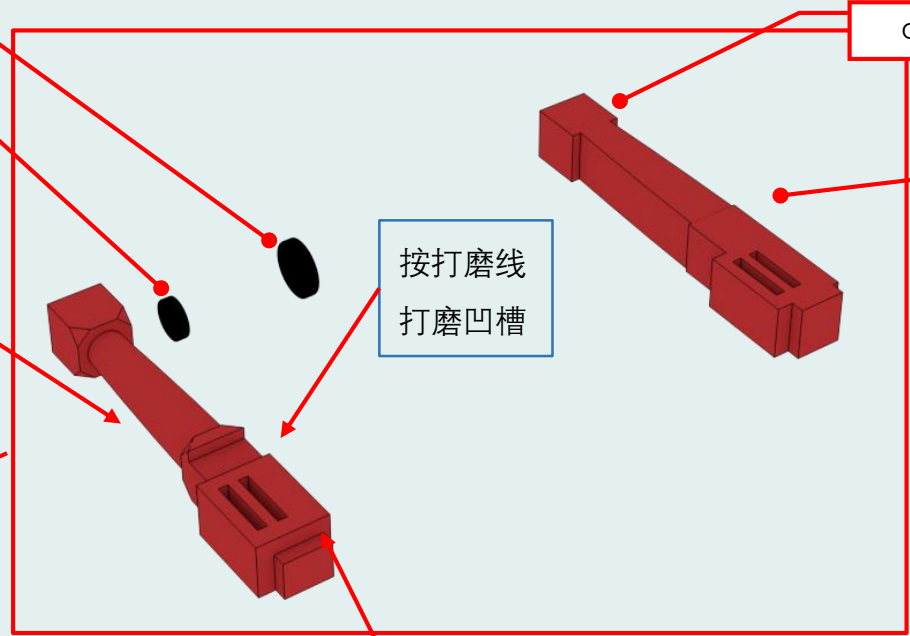
$\Phi 3.5\text{mm PE}\times 2$

$\Phi 2.5\text{mm PE}\times 2$

按打磨线打磨
圆形立柱

D-16

C-13

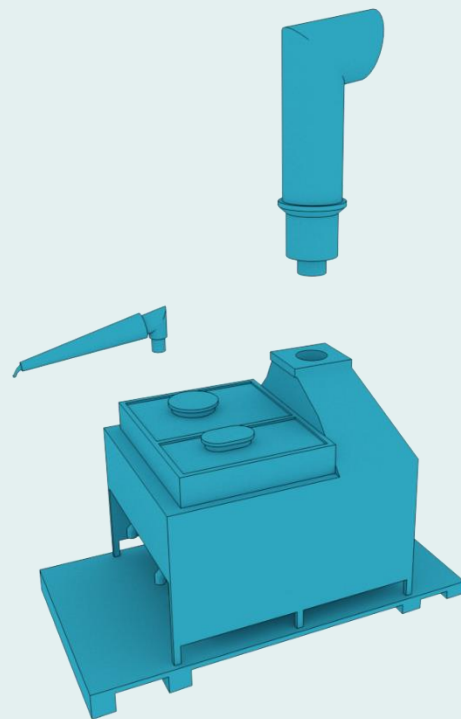


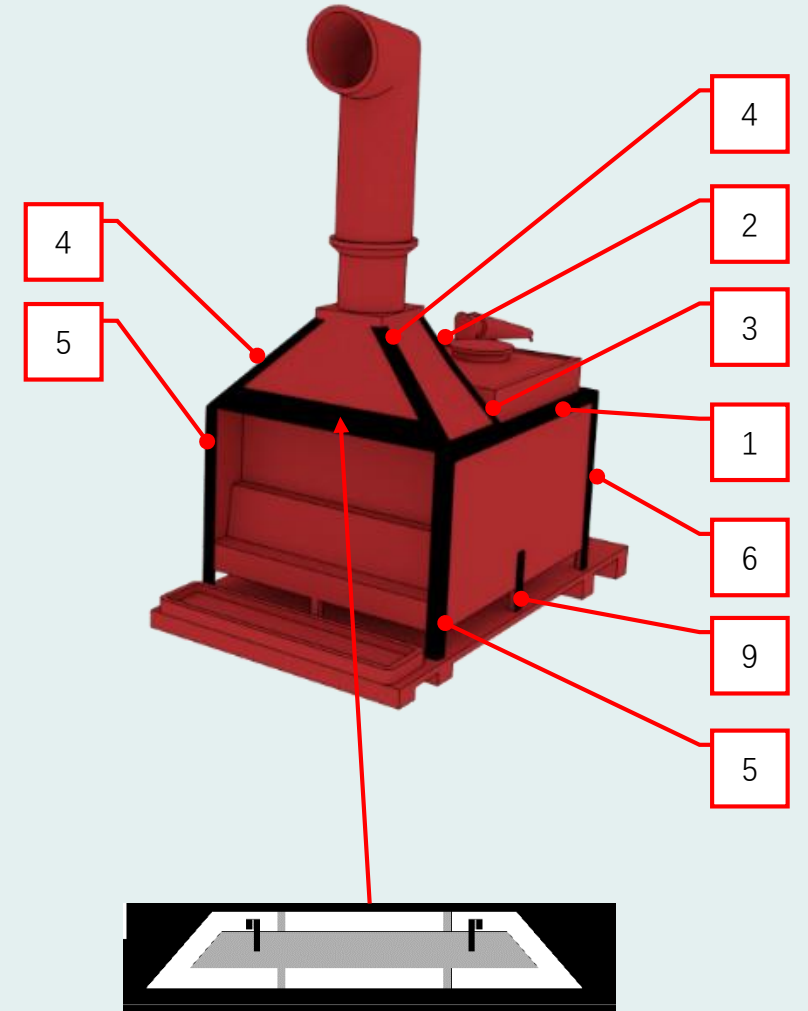
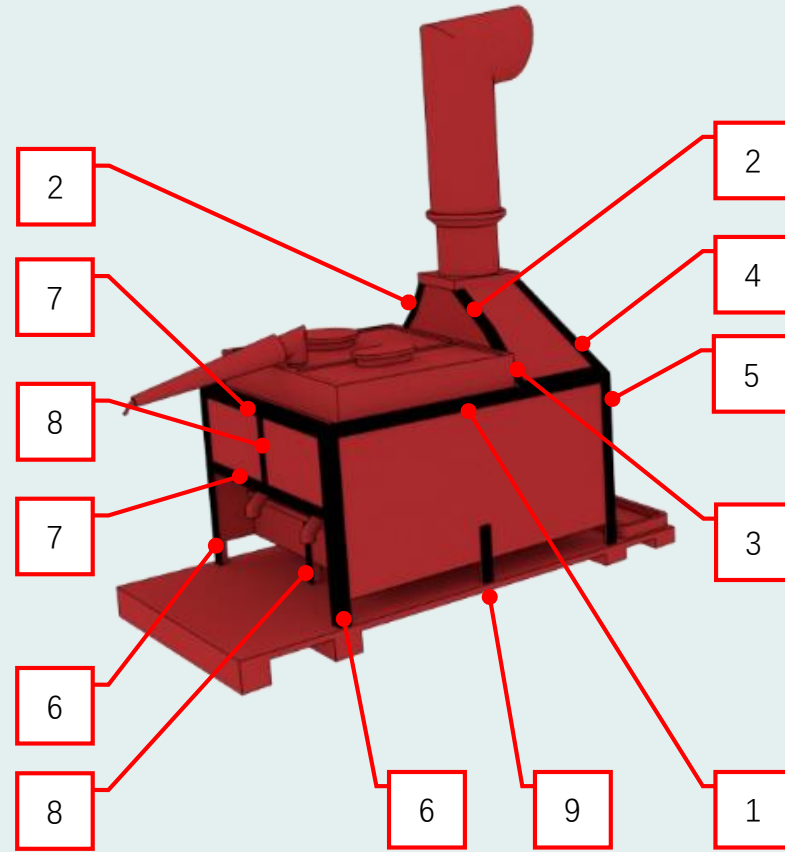
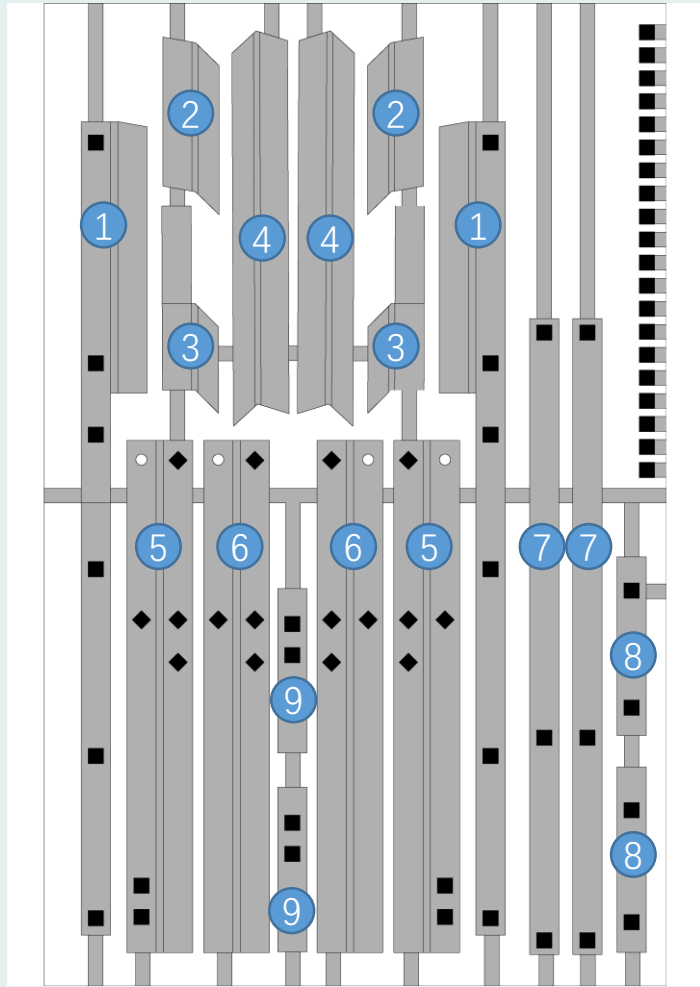
$\Phi 2.5\text{mm PE}\times 2$

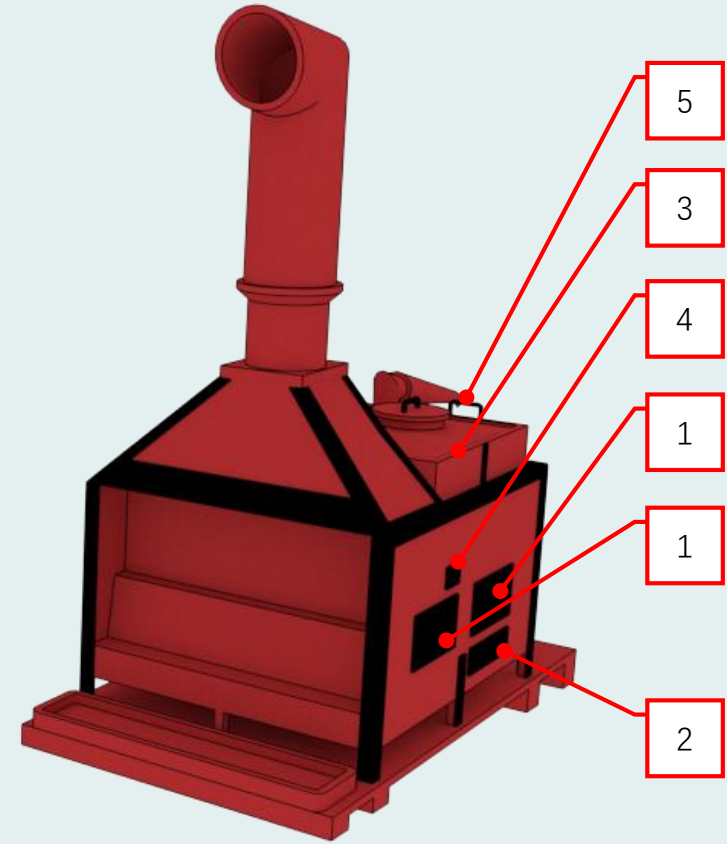
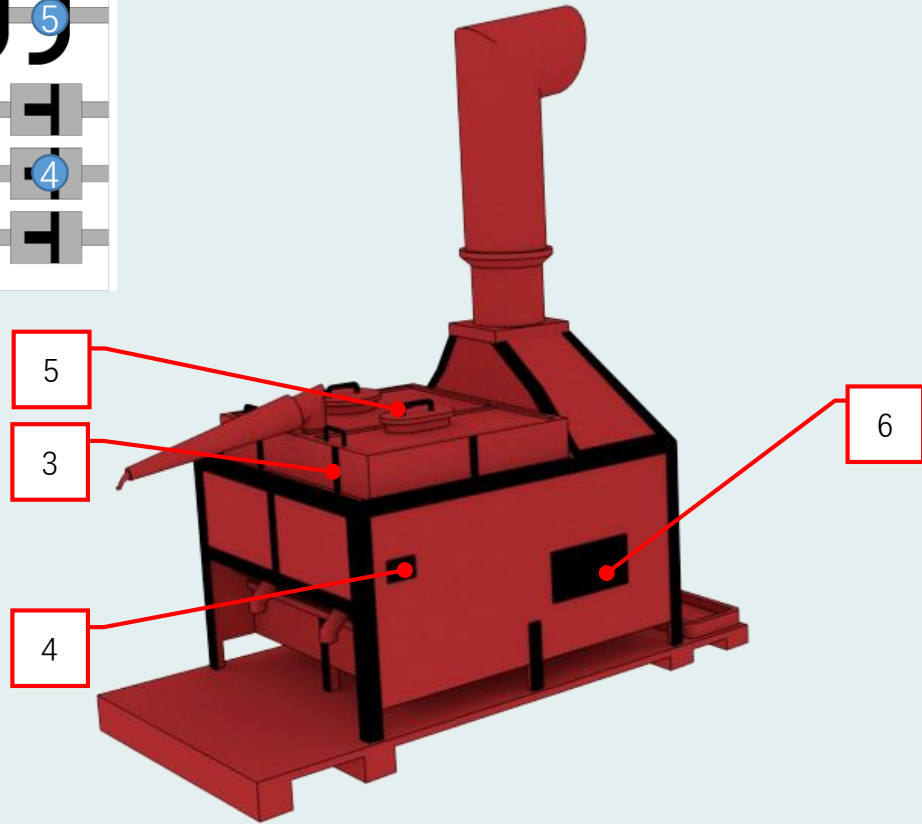
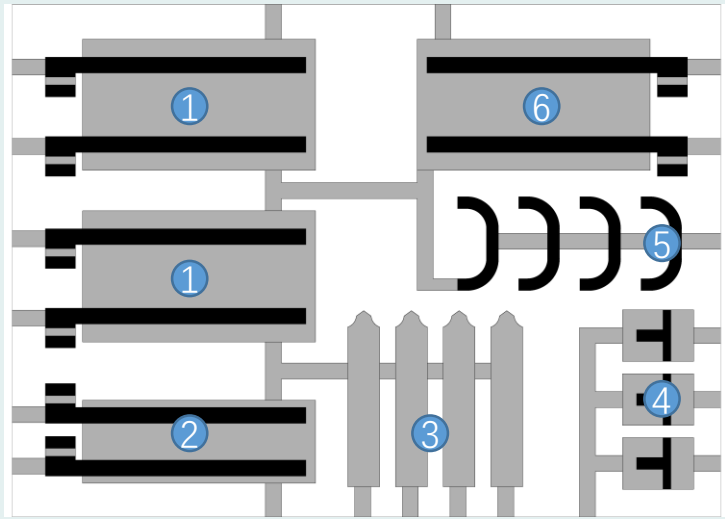
C-11

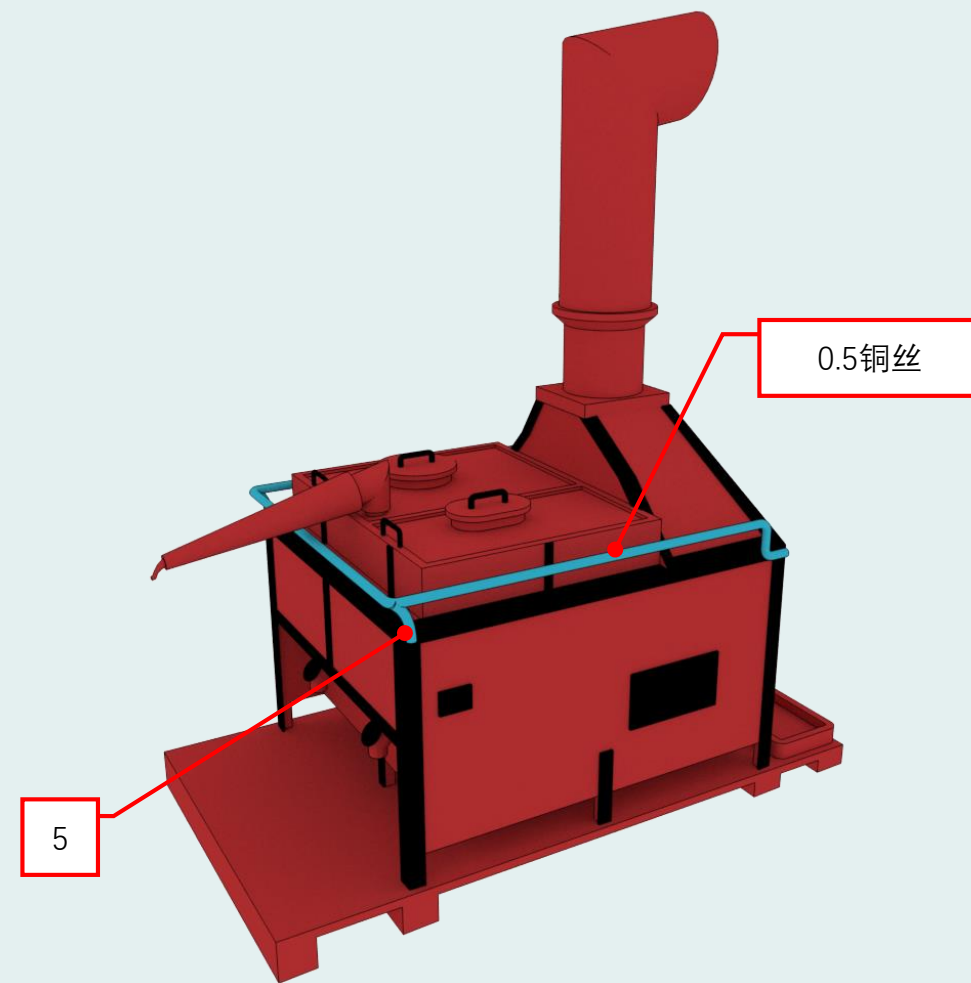
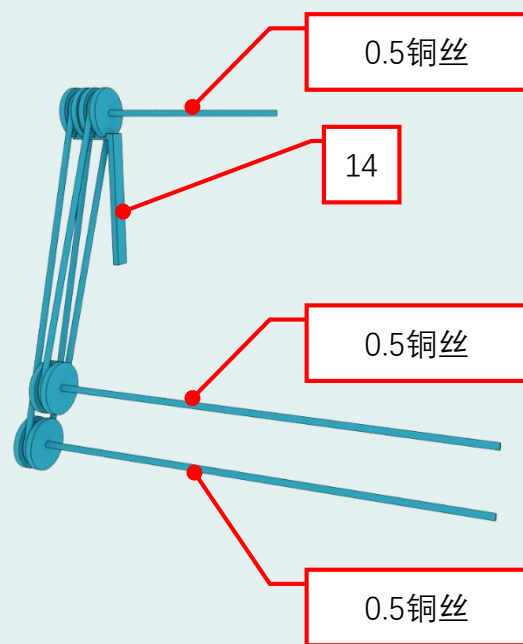
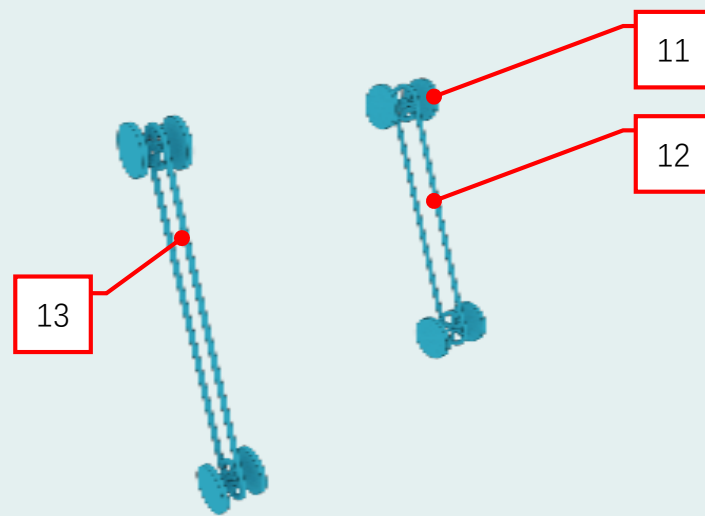
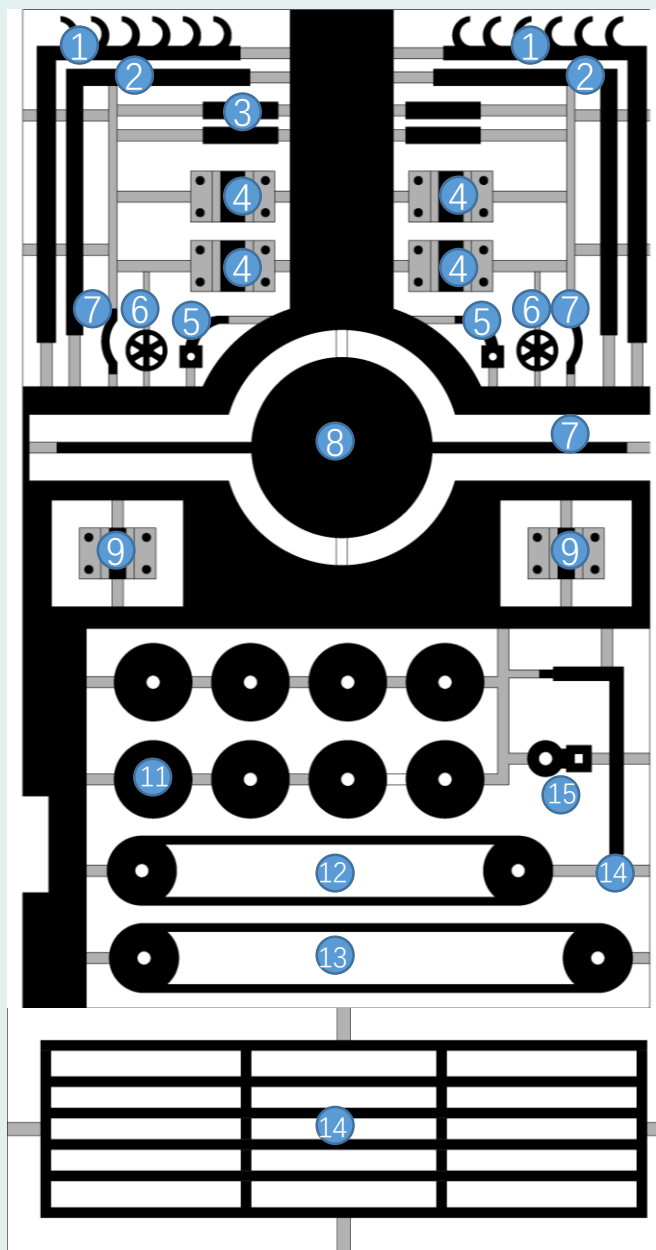
按打磨线打磨
打磨凹槽

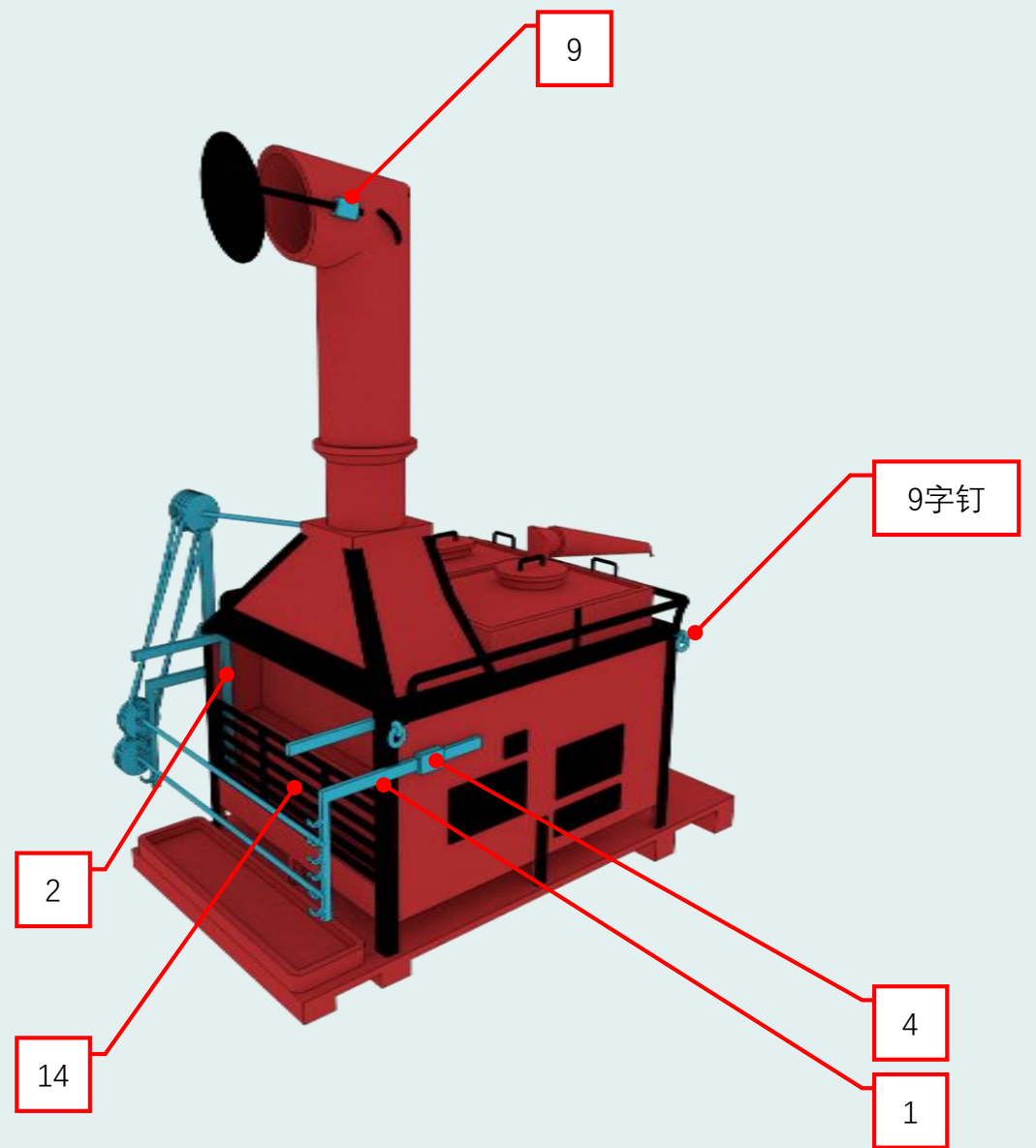
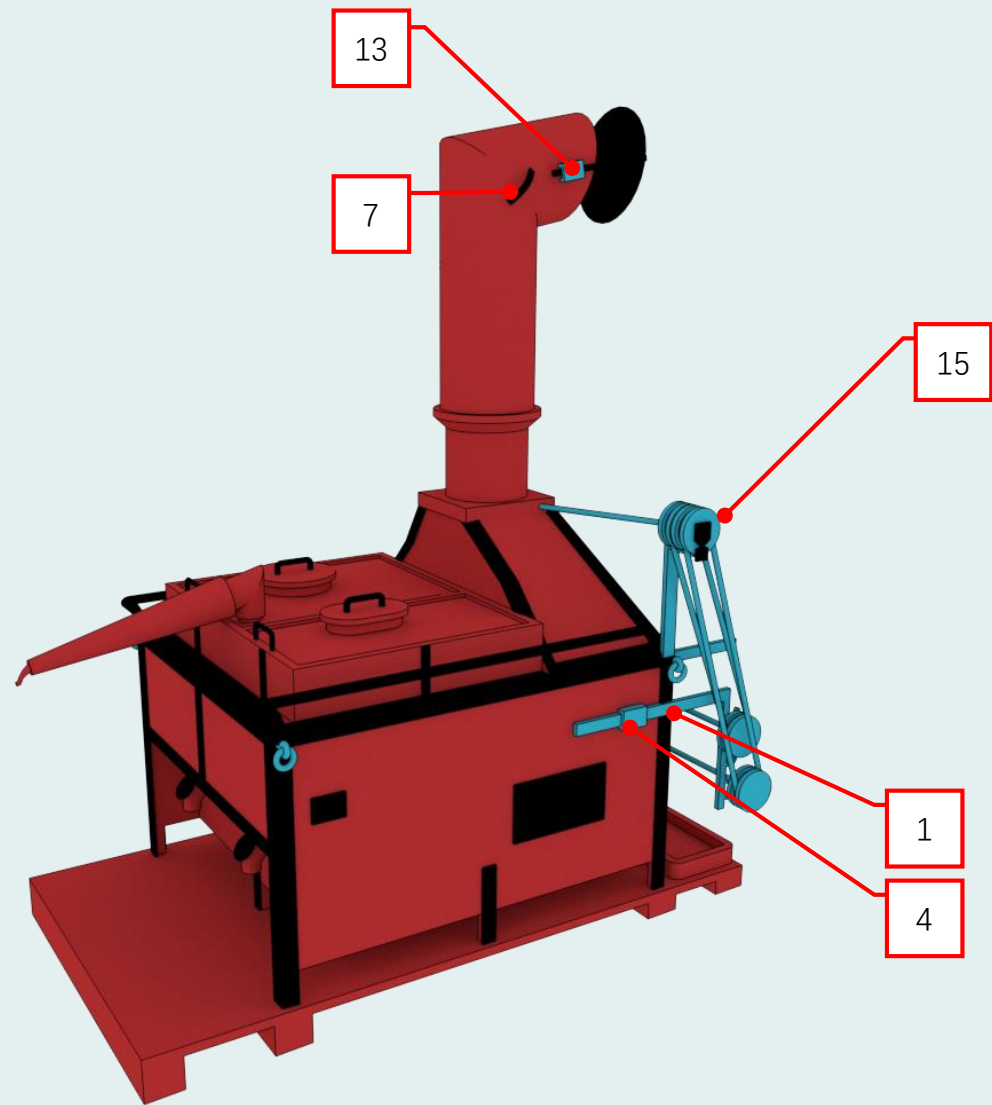
按打磨线打磨
凹槽



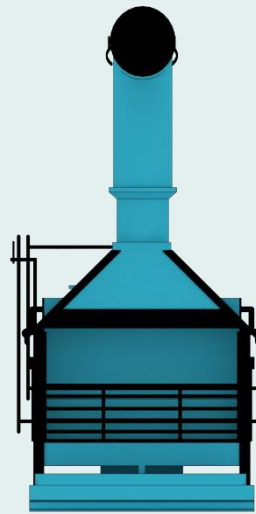
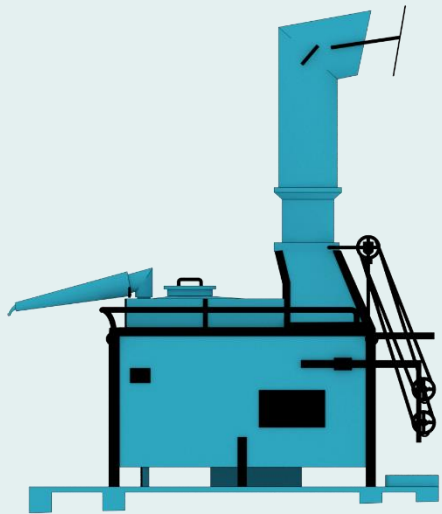
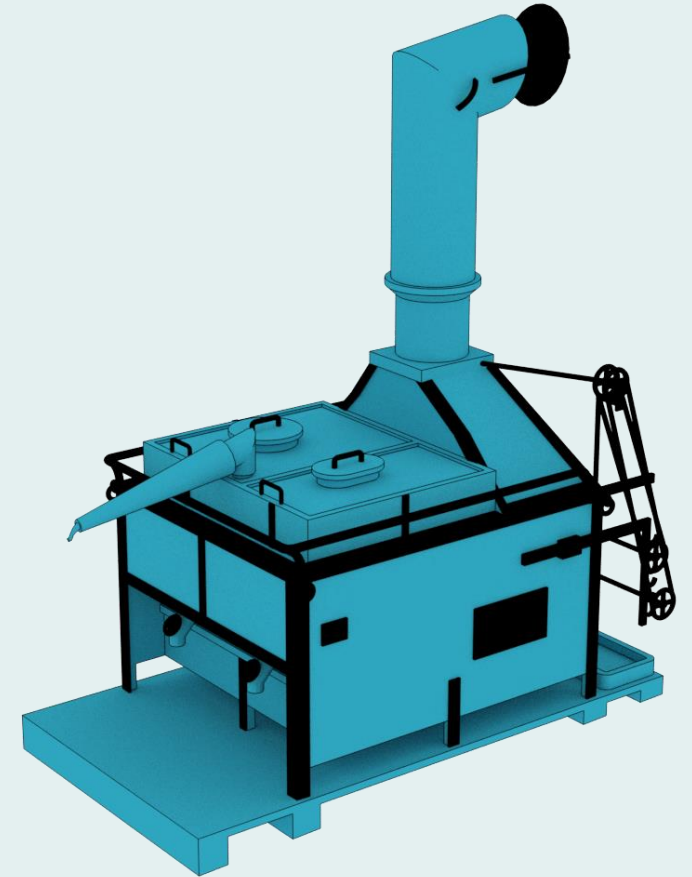
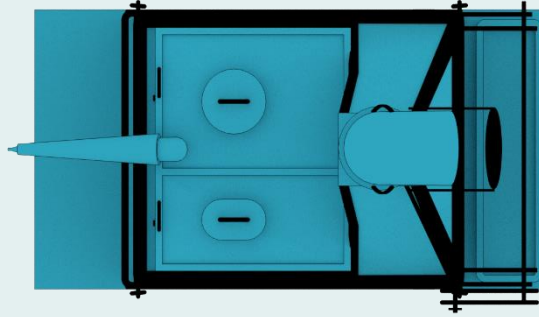
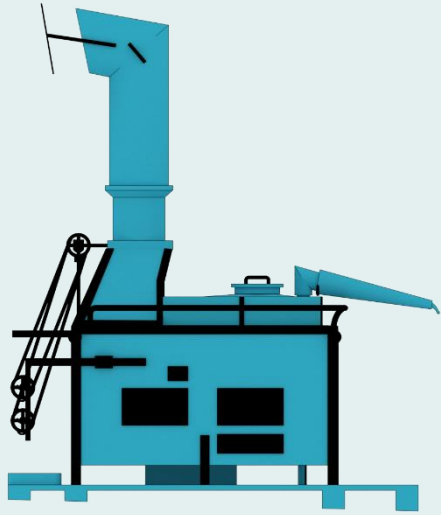




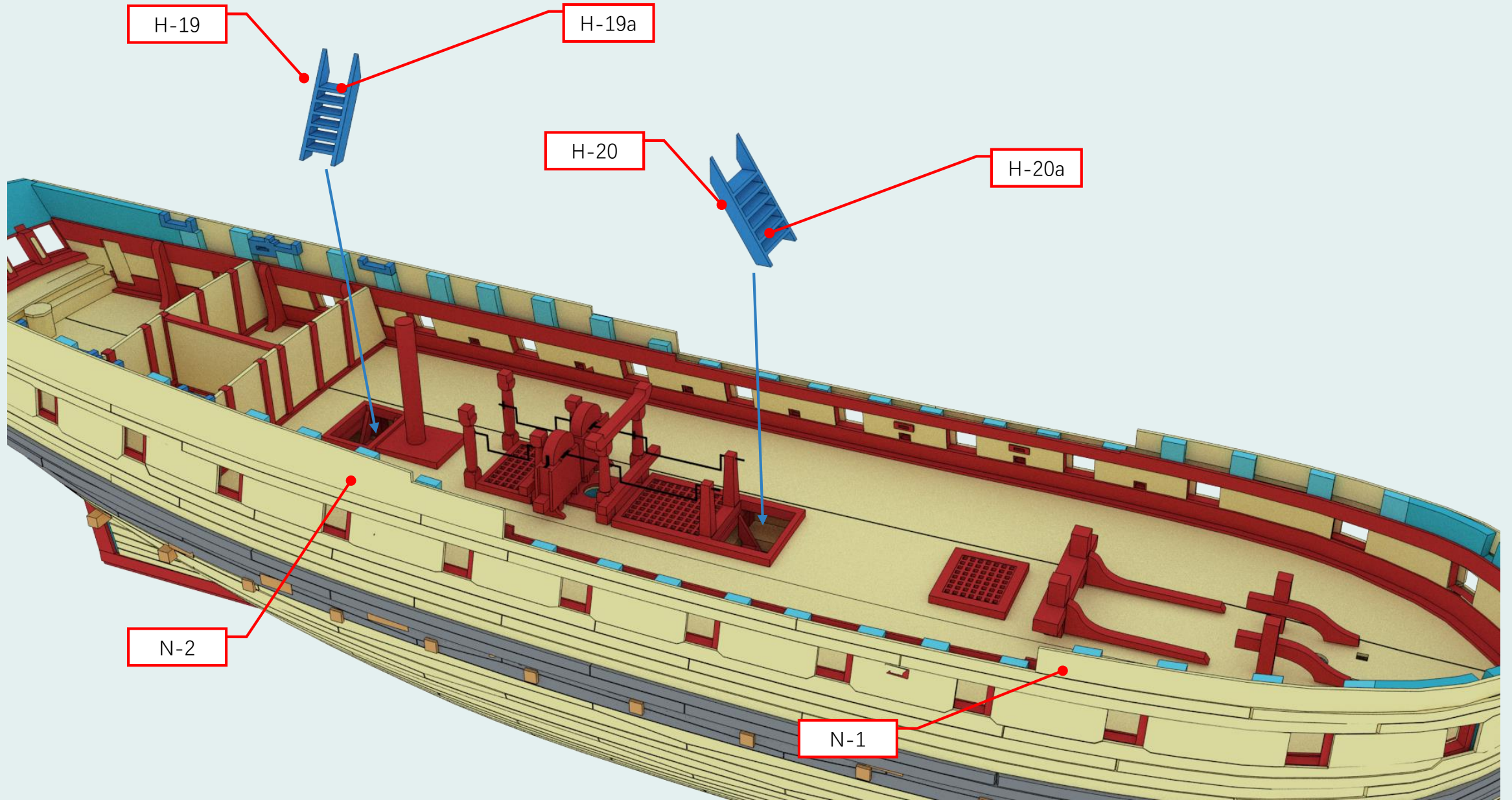




09.锅炉效果图



10. 楼梯



板件G: 1.5mm
根据俯仰角决定
是否安装这个零
件

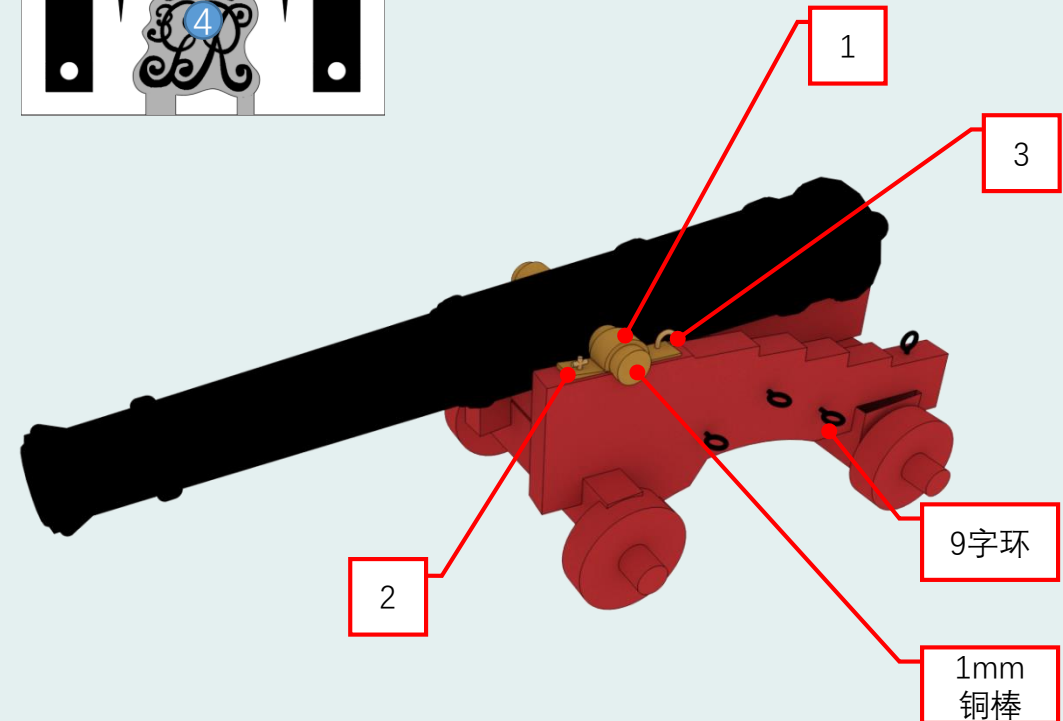
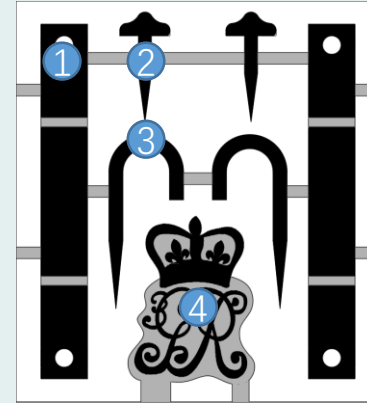
板件D: 3mm
根据炮俯仰角打
磨合适厚度

板件G: 1.5mm

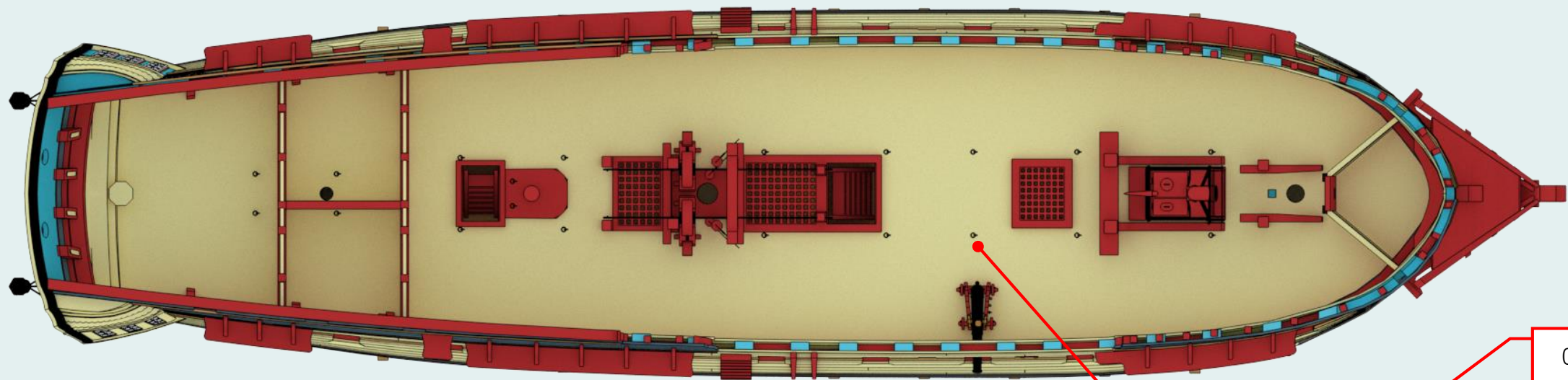
板件G: 1.5mm

板件G: 1.5mm

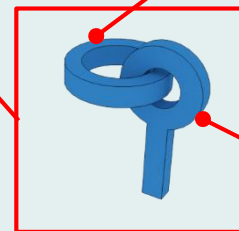
板件D: 3mm
根据打磨线打磨
炮车轴



11.炮甲板9字钉

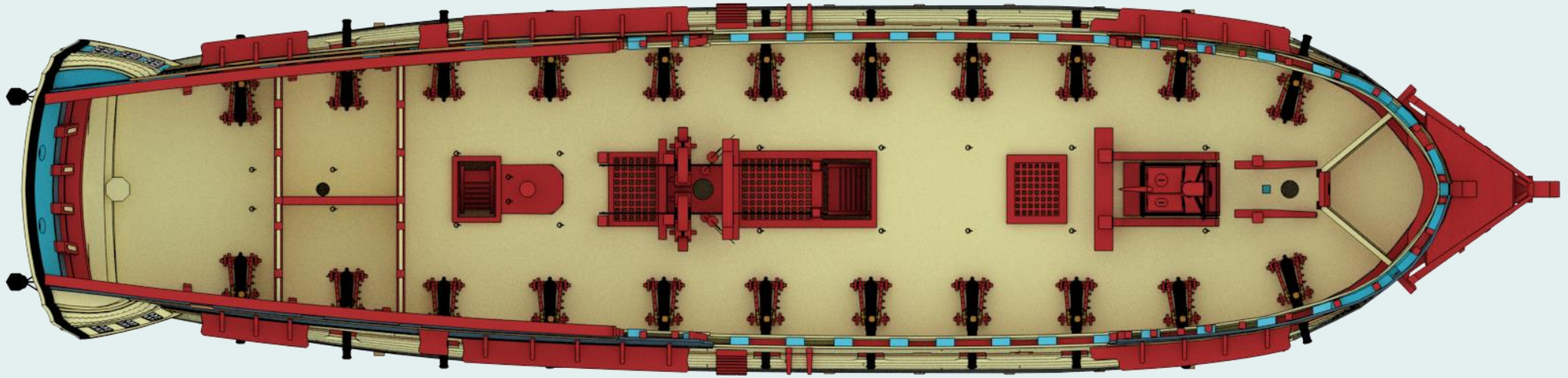


0.5铜丝

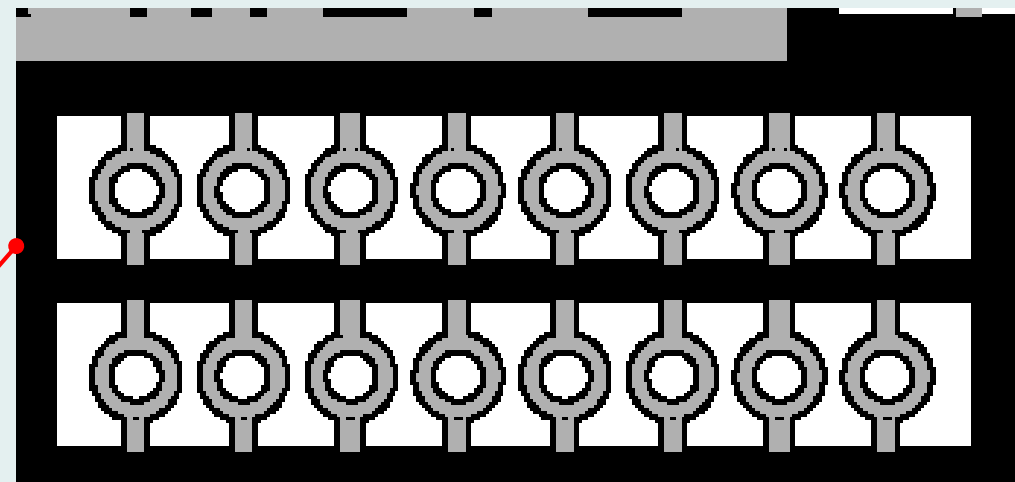
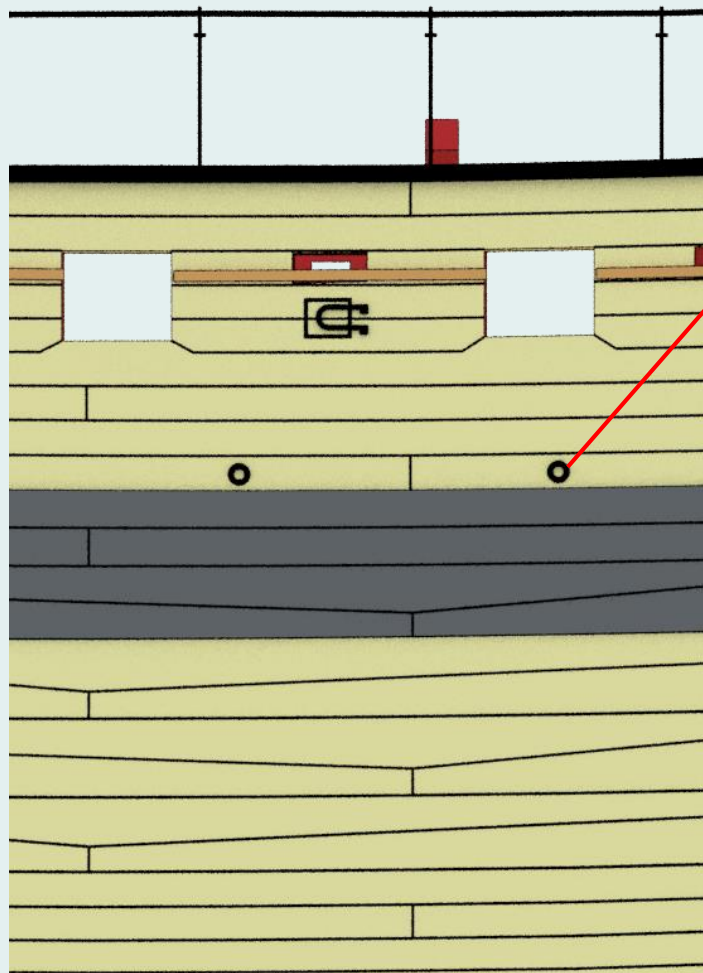


蚀刻片小9
字钉

12.炮甲板火炮布置



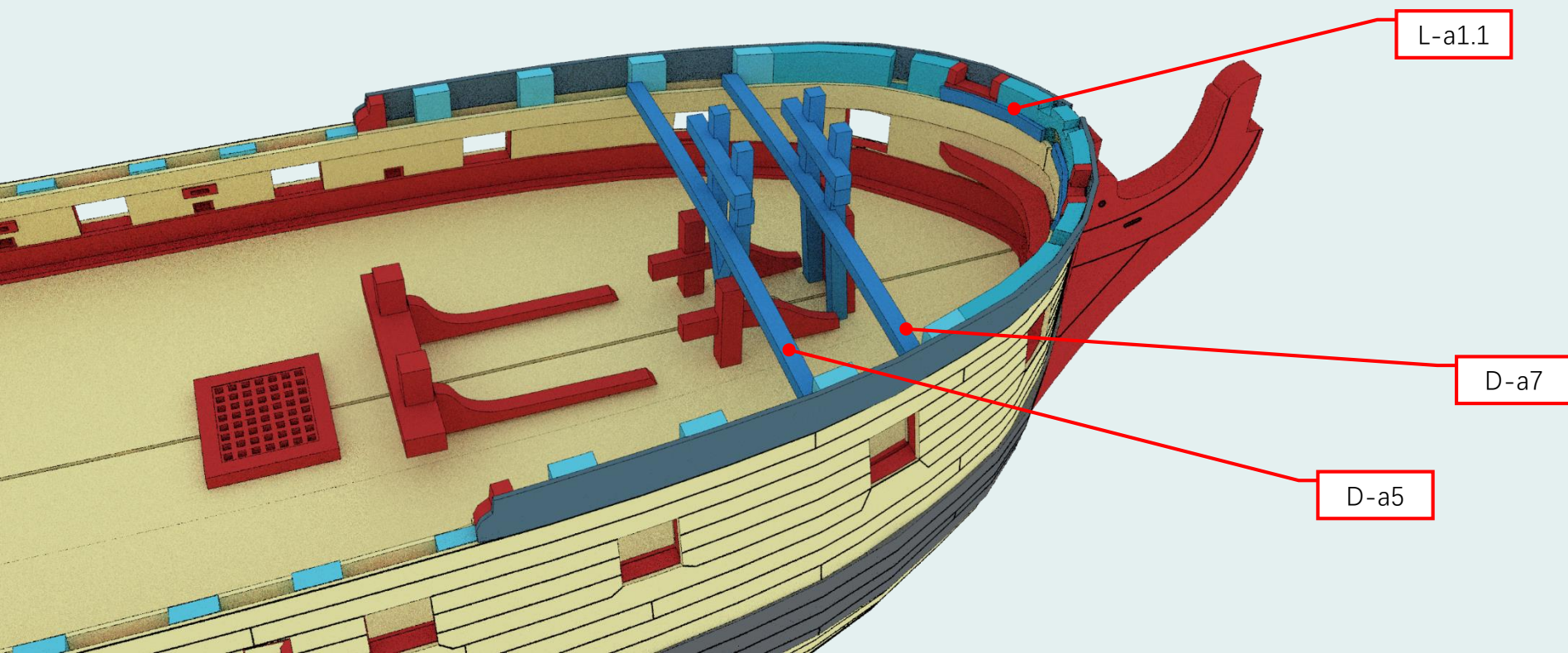
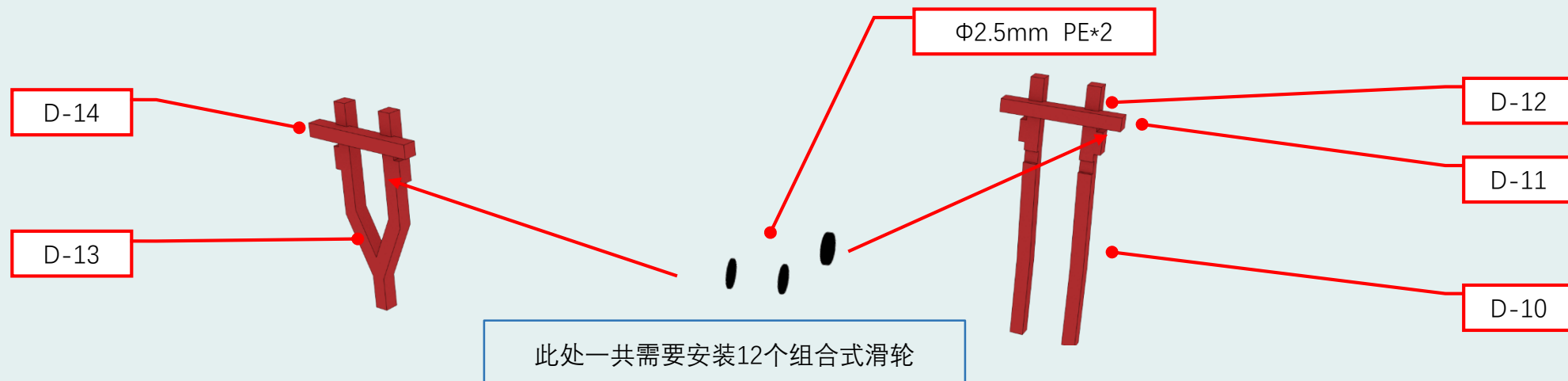
13.排水孔



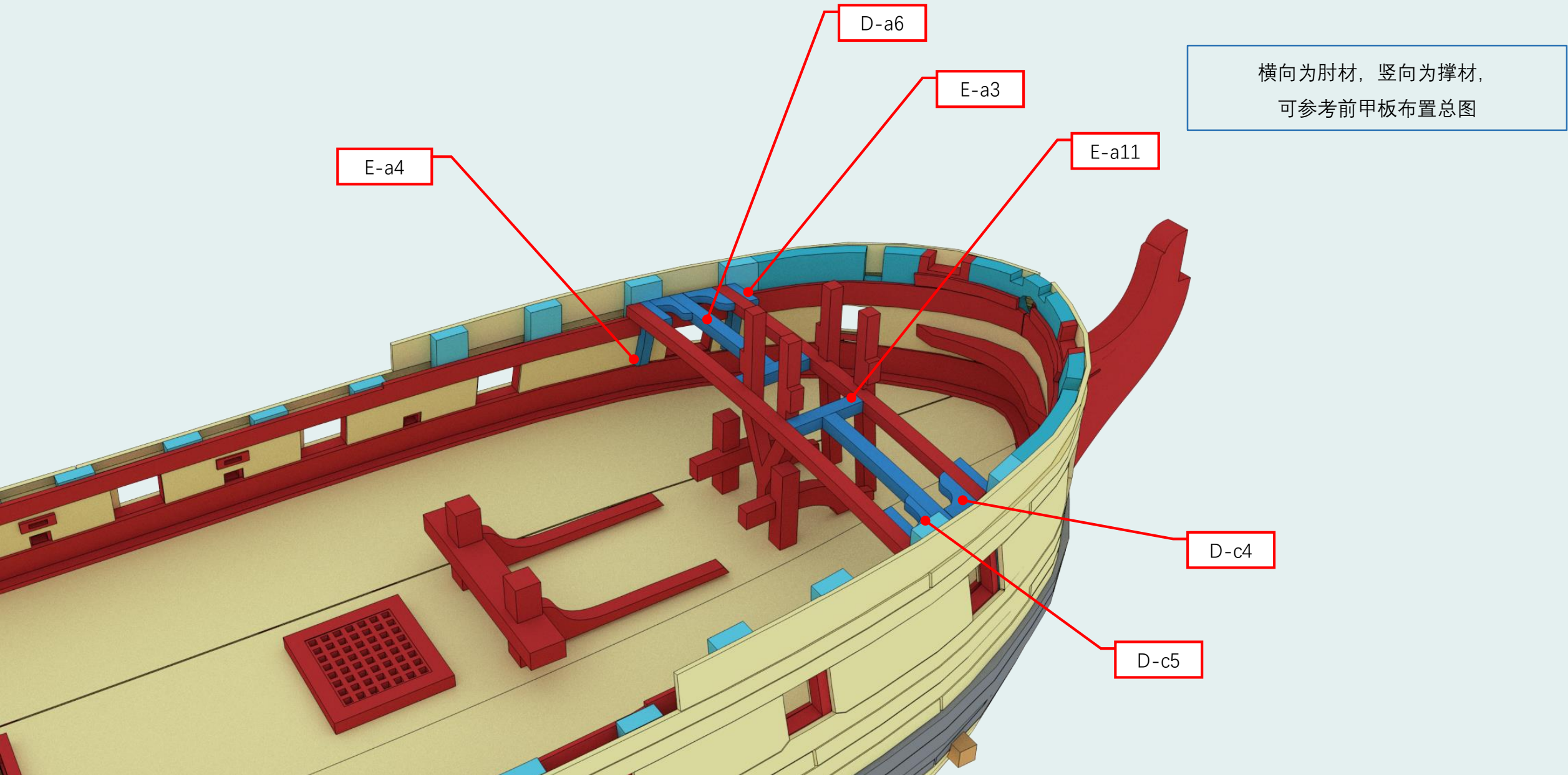
排水孔用蚀刻片模拟，需要
和甲板上的排水孔对齐

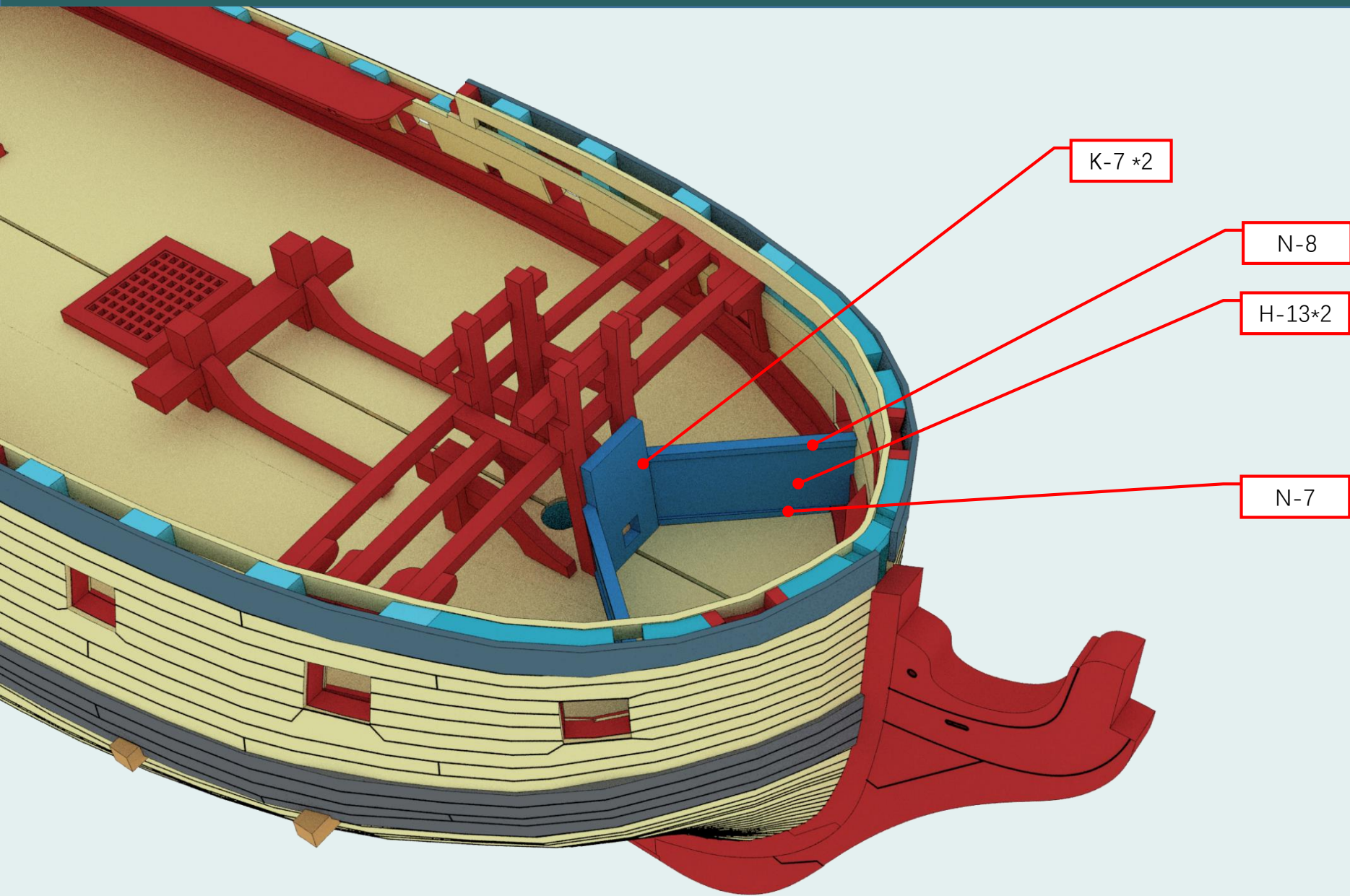
6 顶层甲板舾装

01.顶层甲板定位



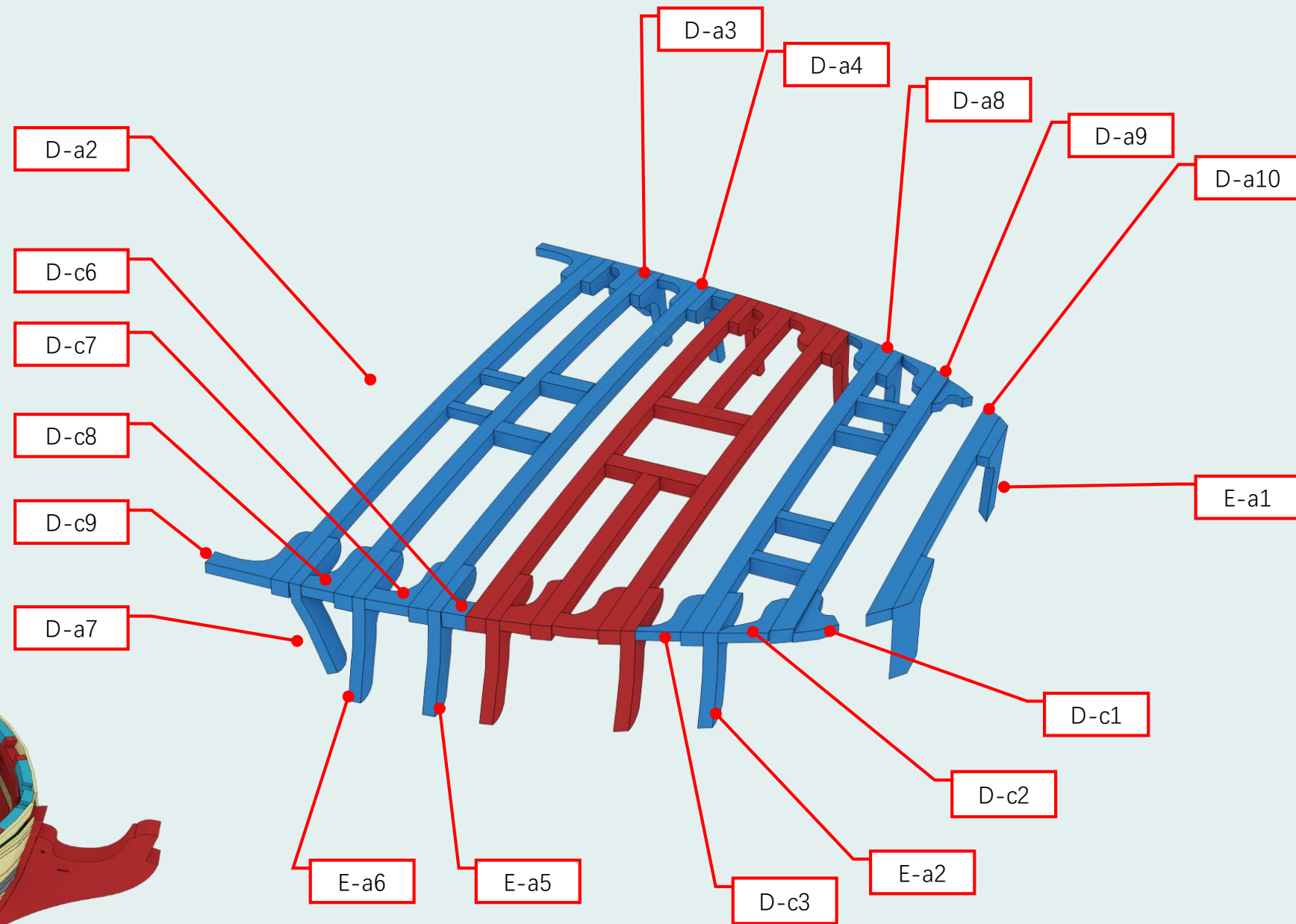
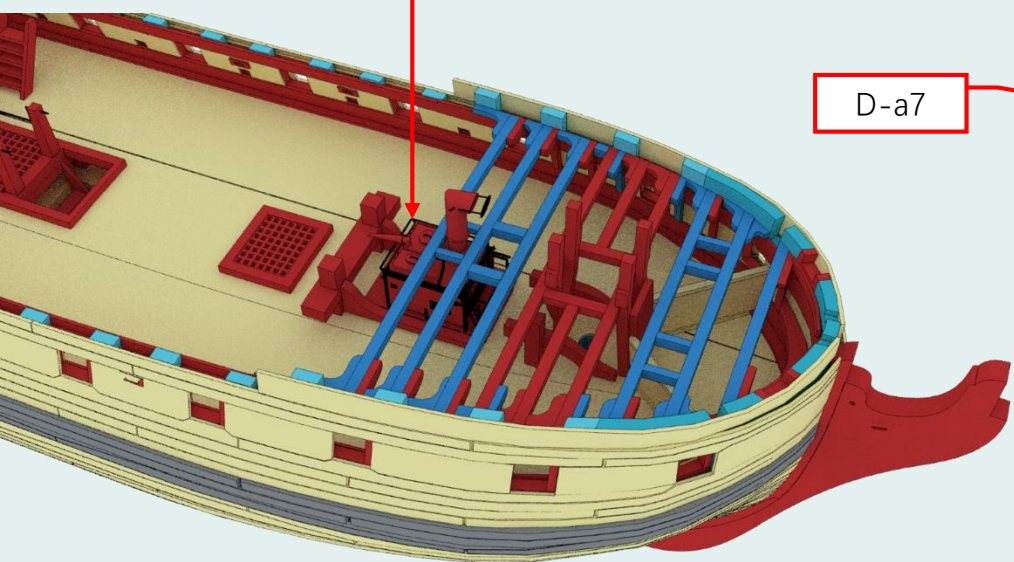
02.顶层甲板定位1



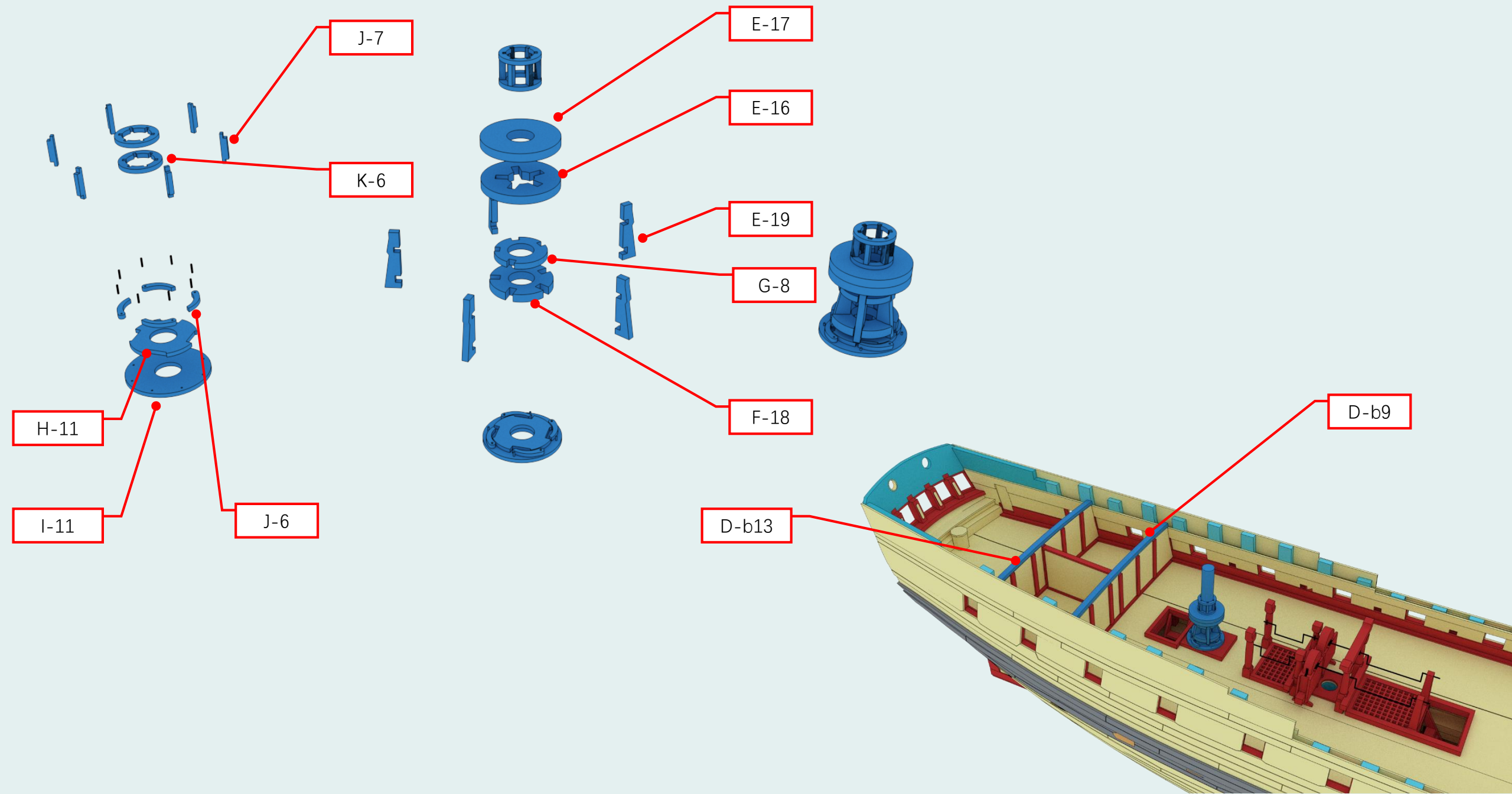


04.前甲板横梁

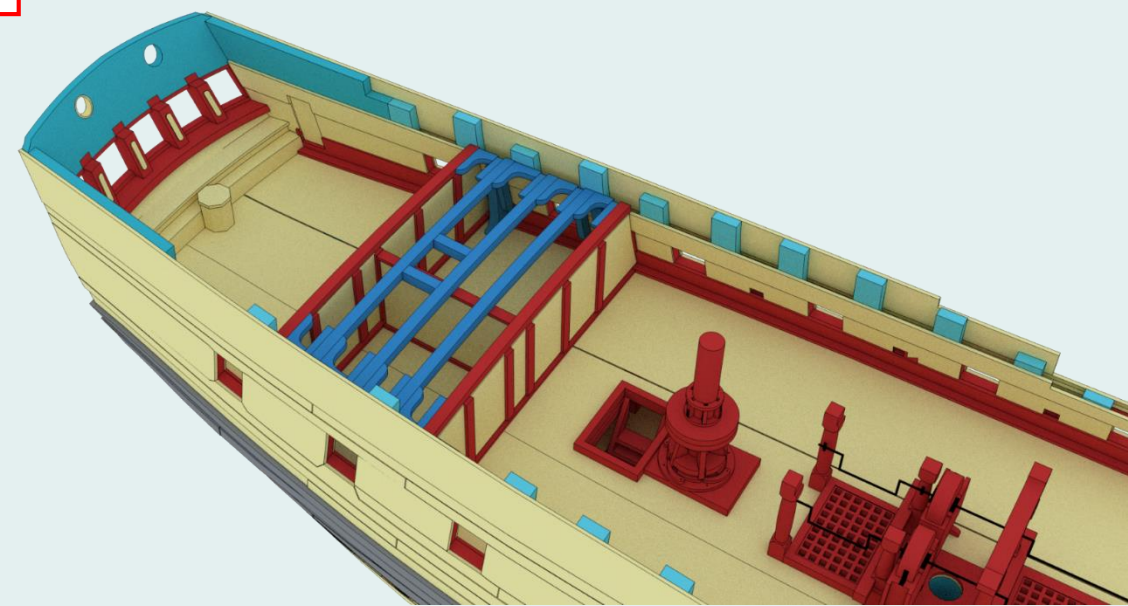
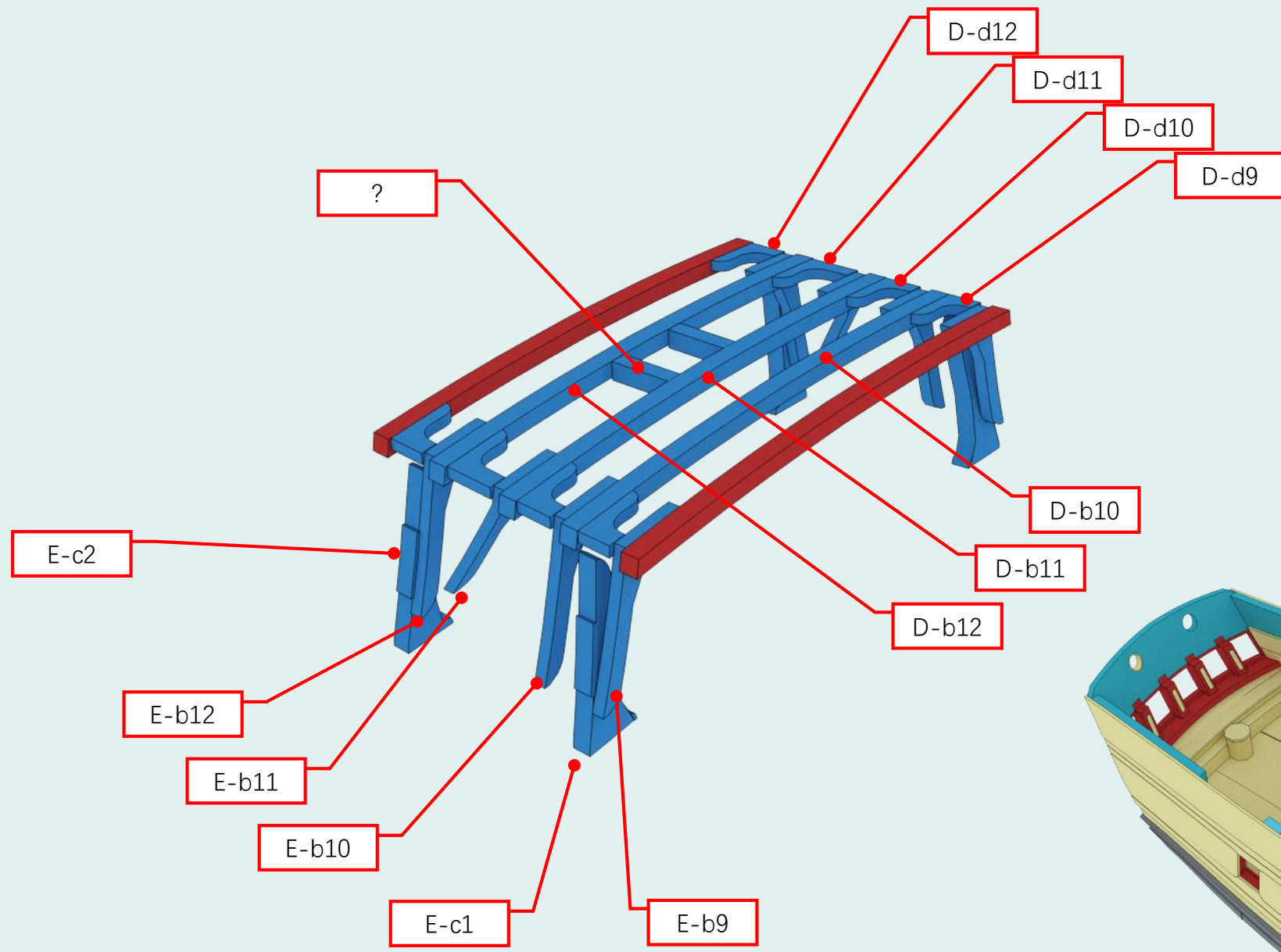
在安装前甲板最长的一根横梁时，应提前安装好锅炉，并确认其位置



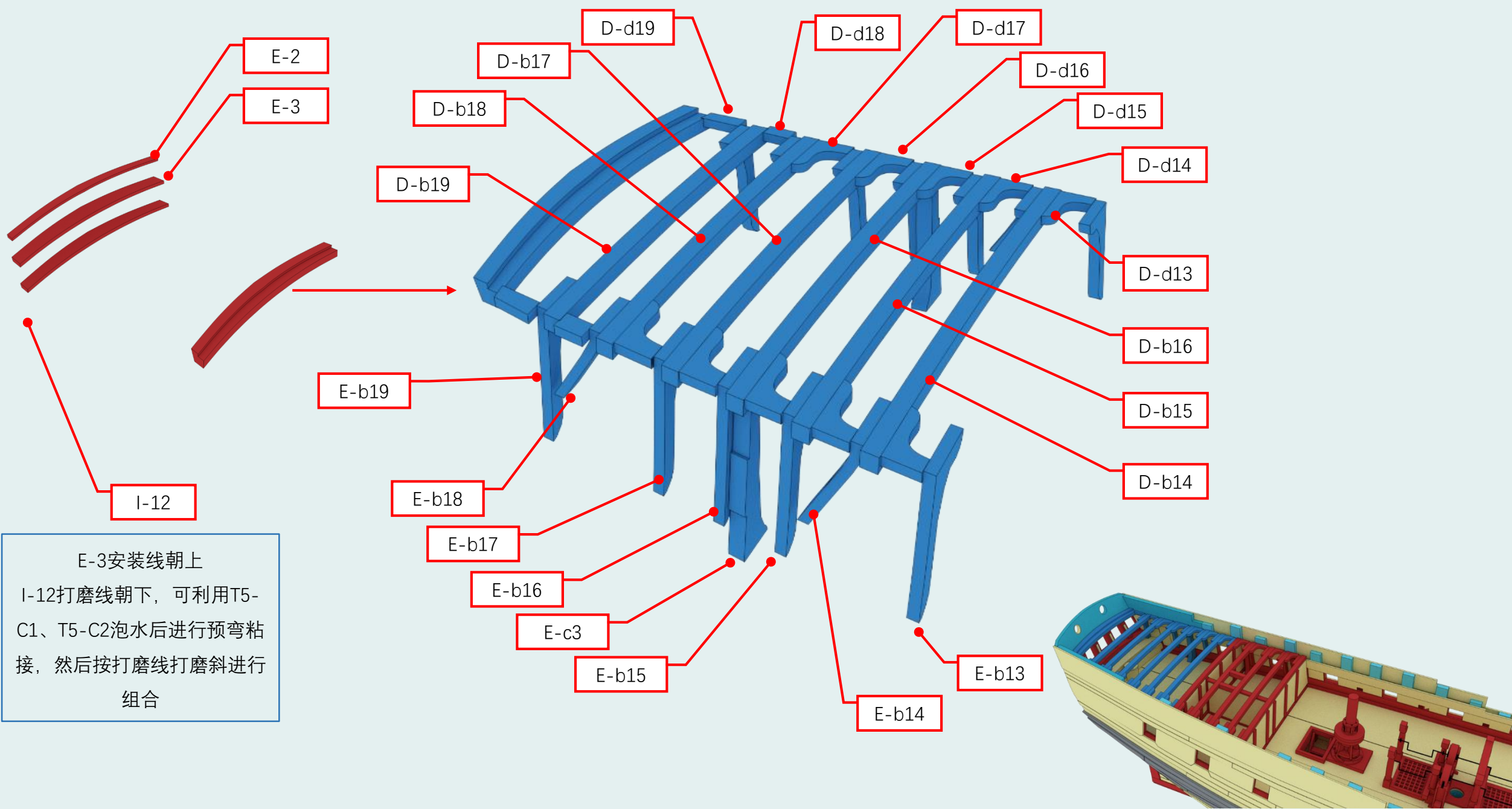
05.后甲板横梁



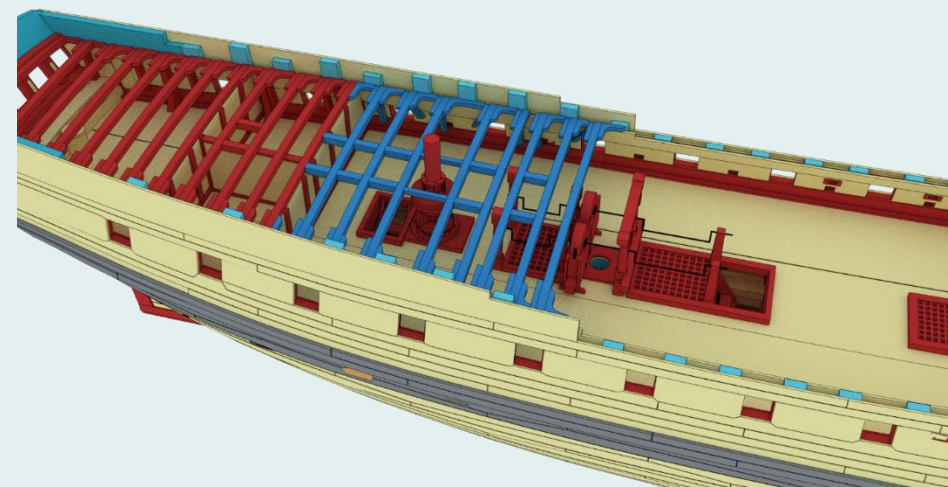
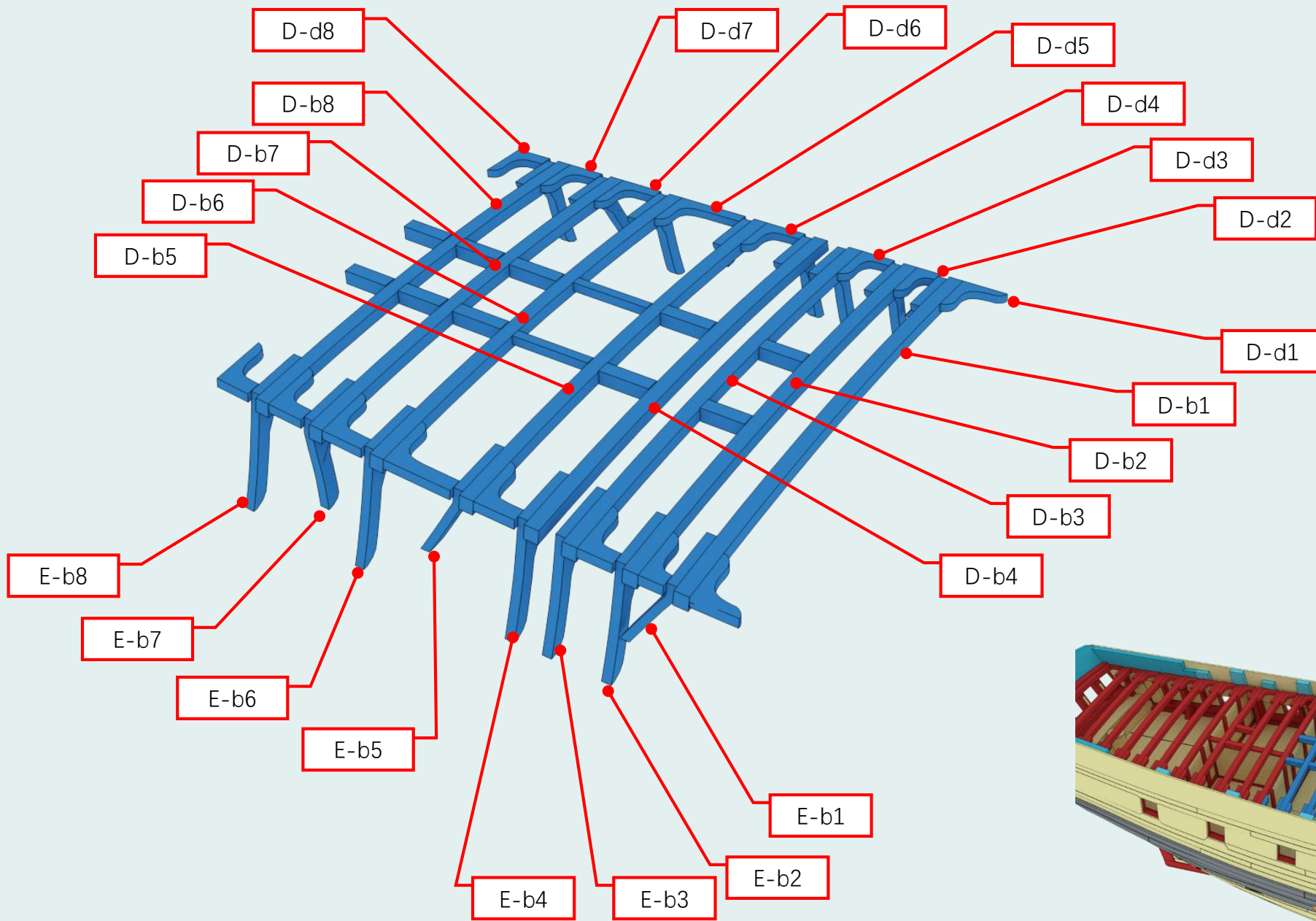
06.后甲板横梁1

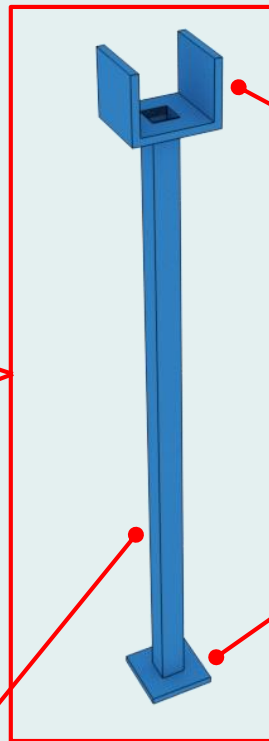
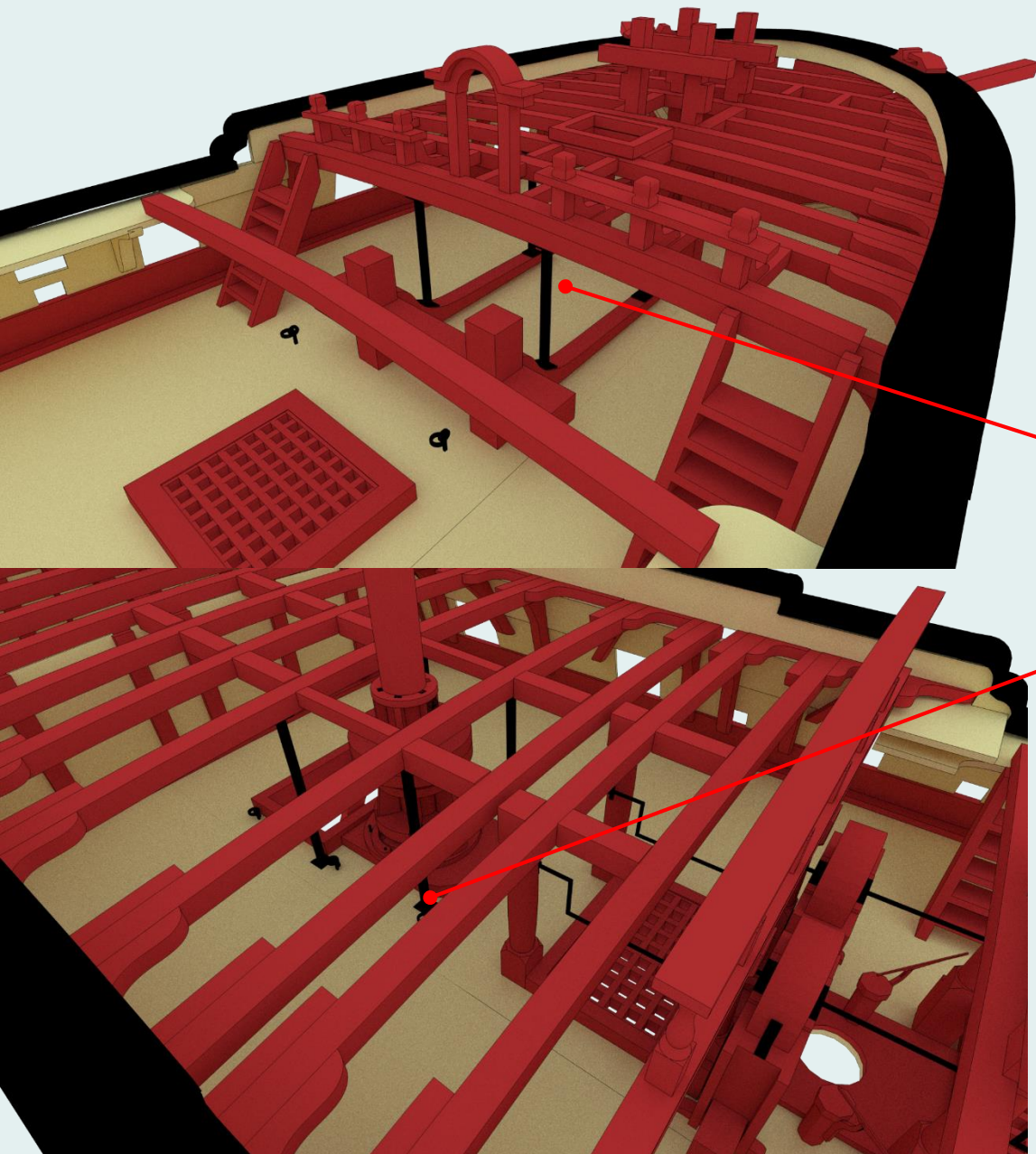


07.后甲板横梁2



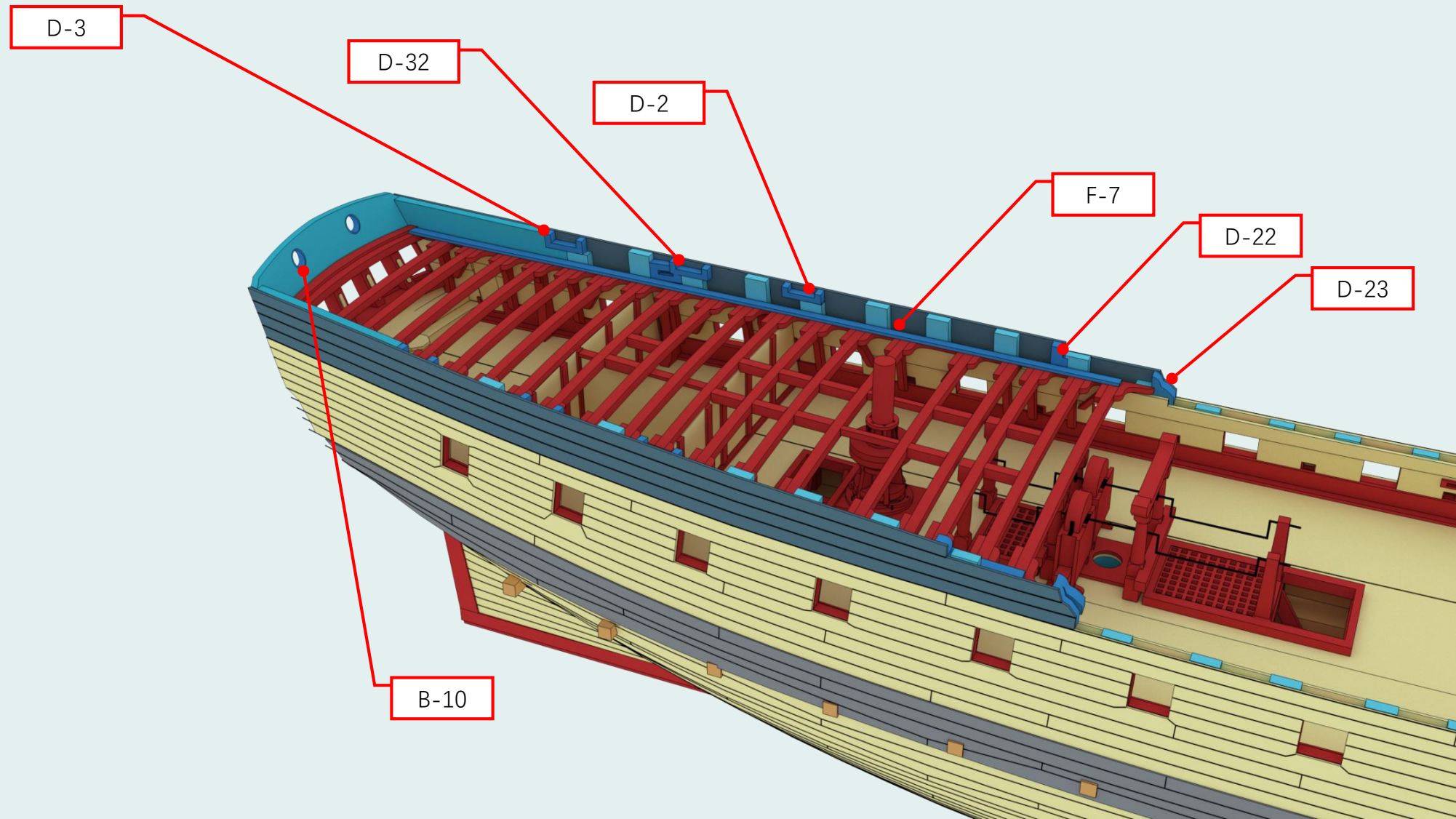
08.后甲板横梁3



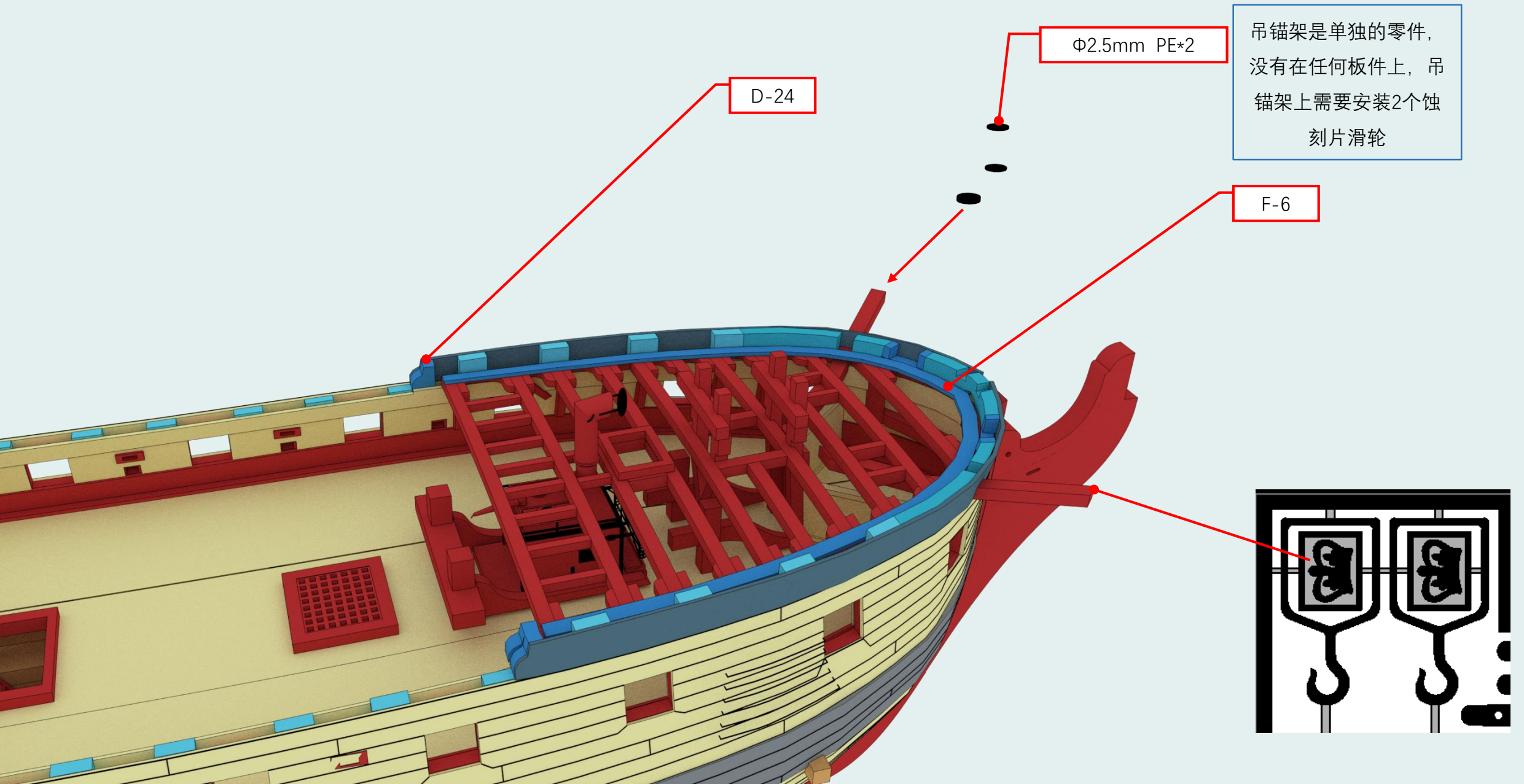


1*1铜方

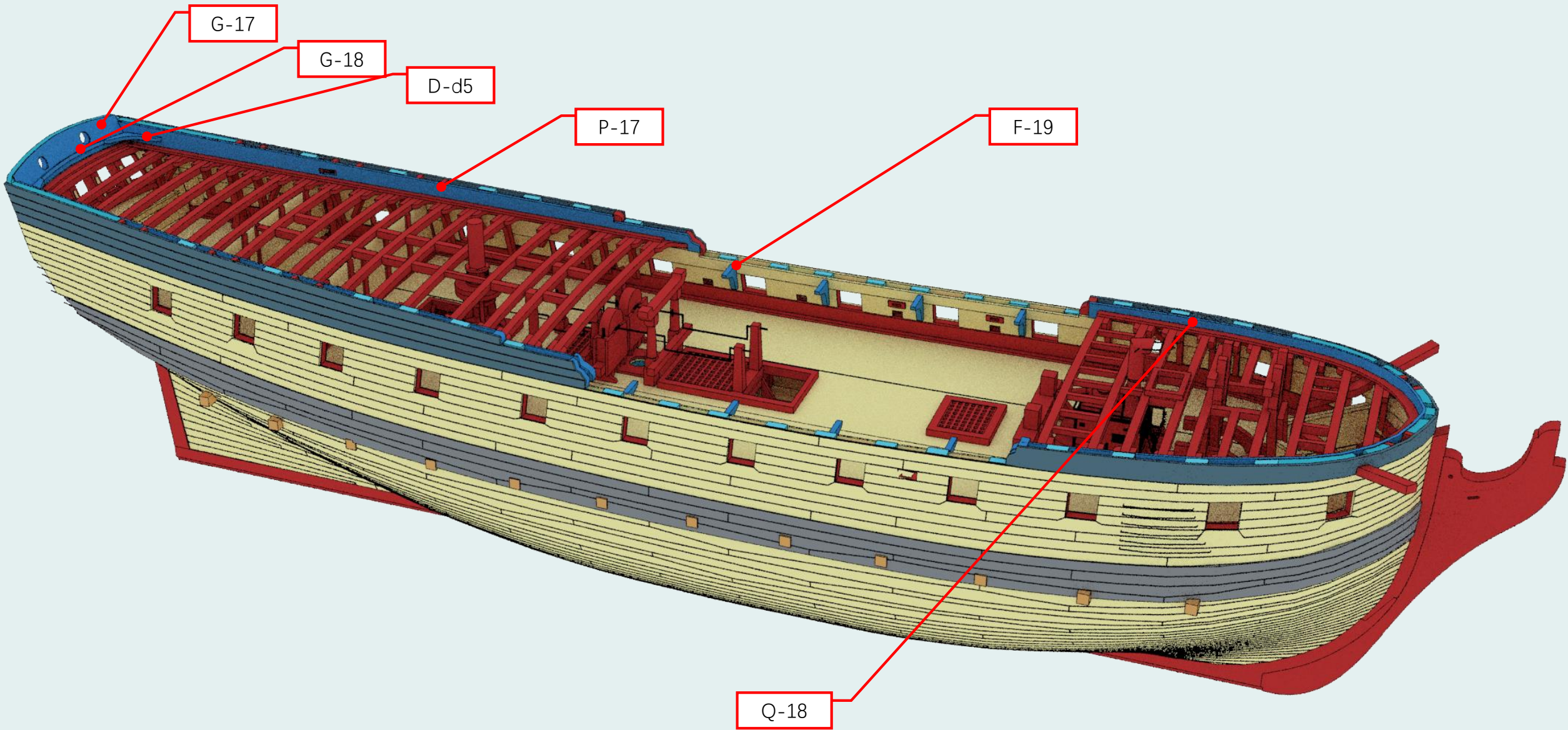
铜制支撑柱在锅炉和绞车四轴各有4根，用于支撑相应横梁



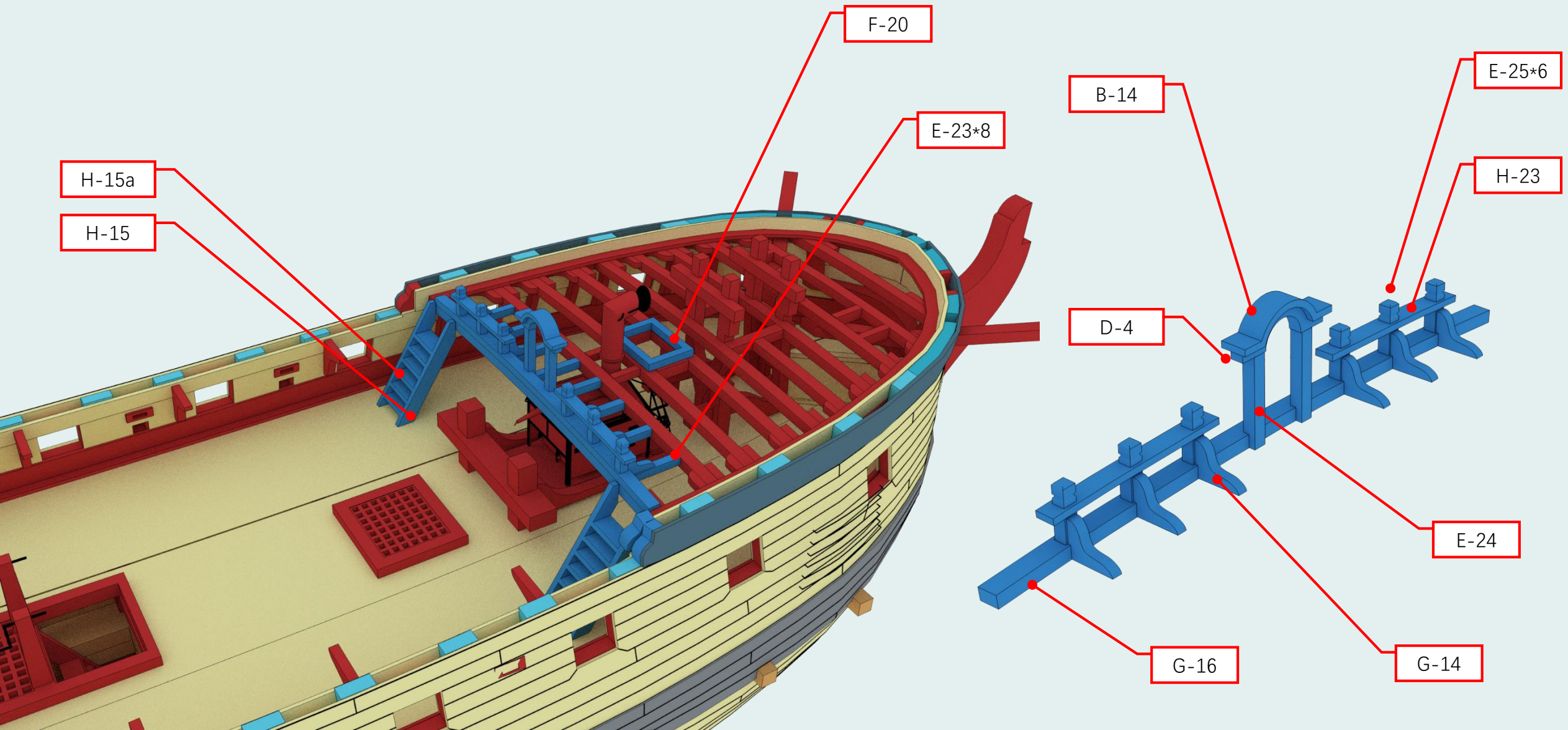
10.前甲板船舷

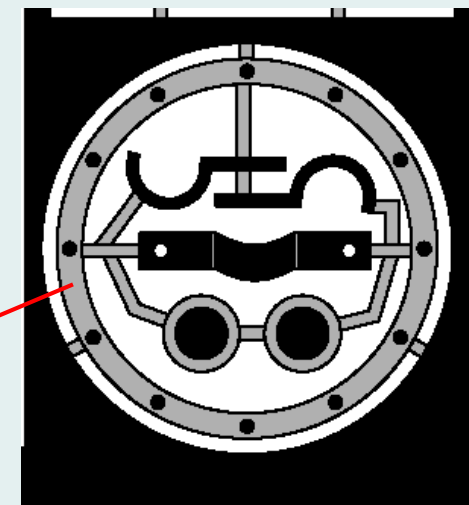
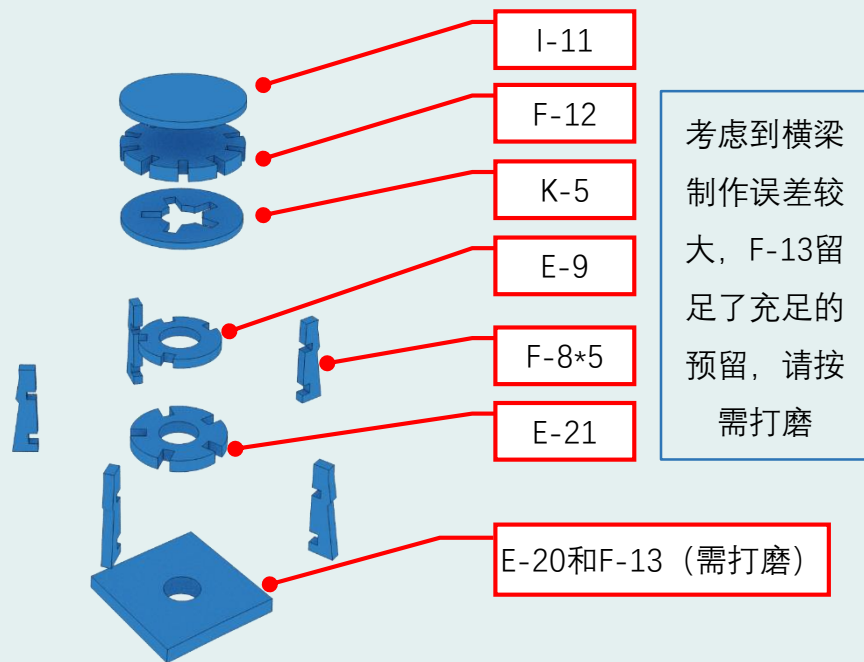


11.顶甲板舾装

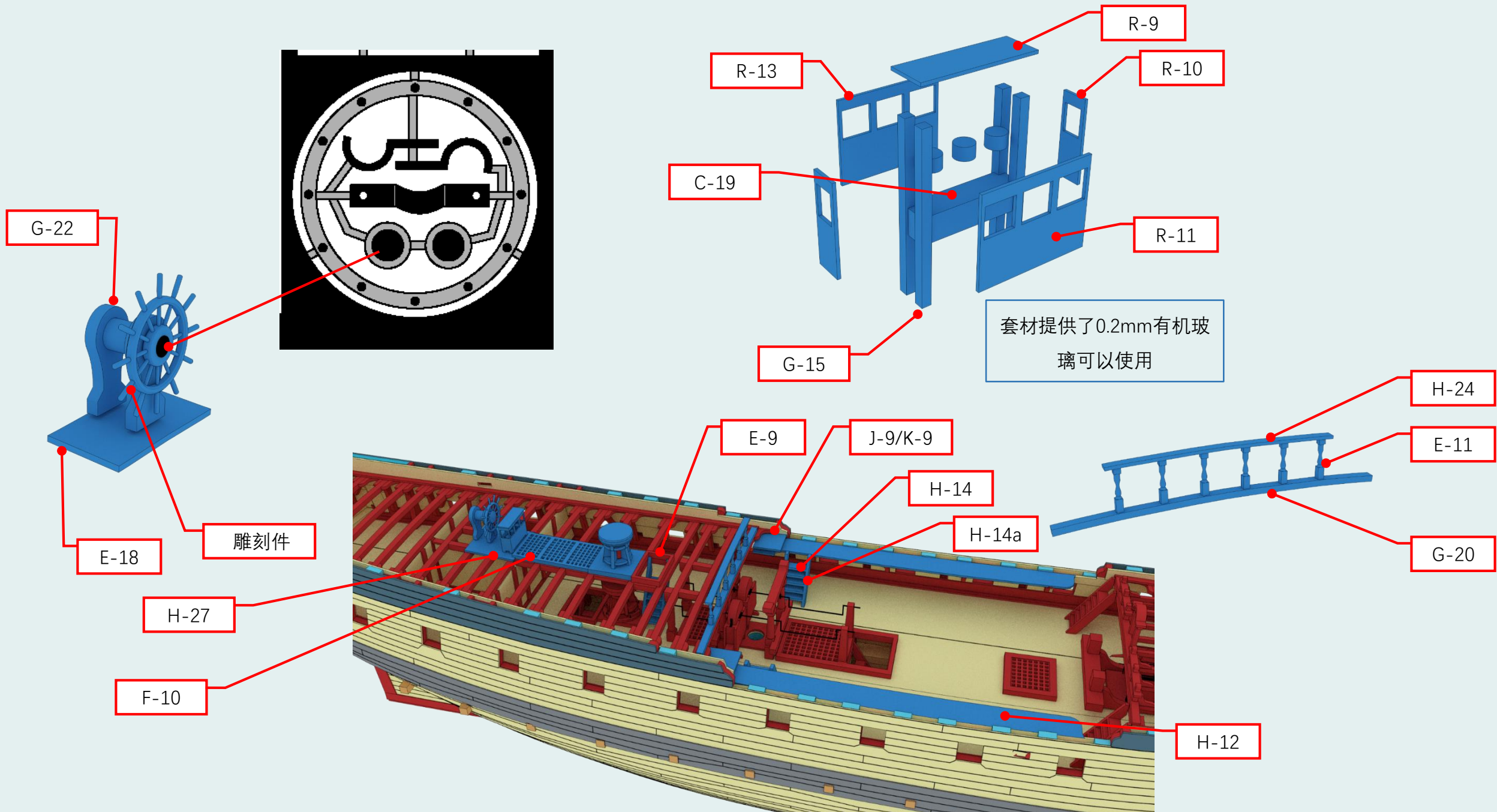


12.前甲板舾装



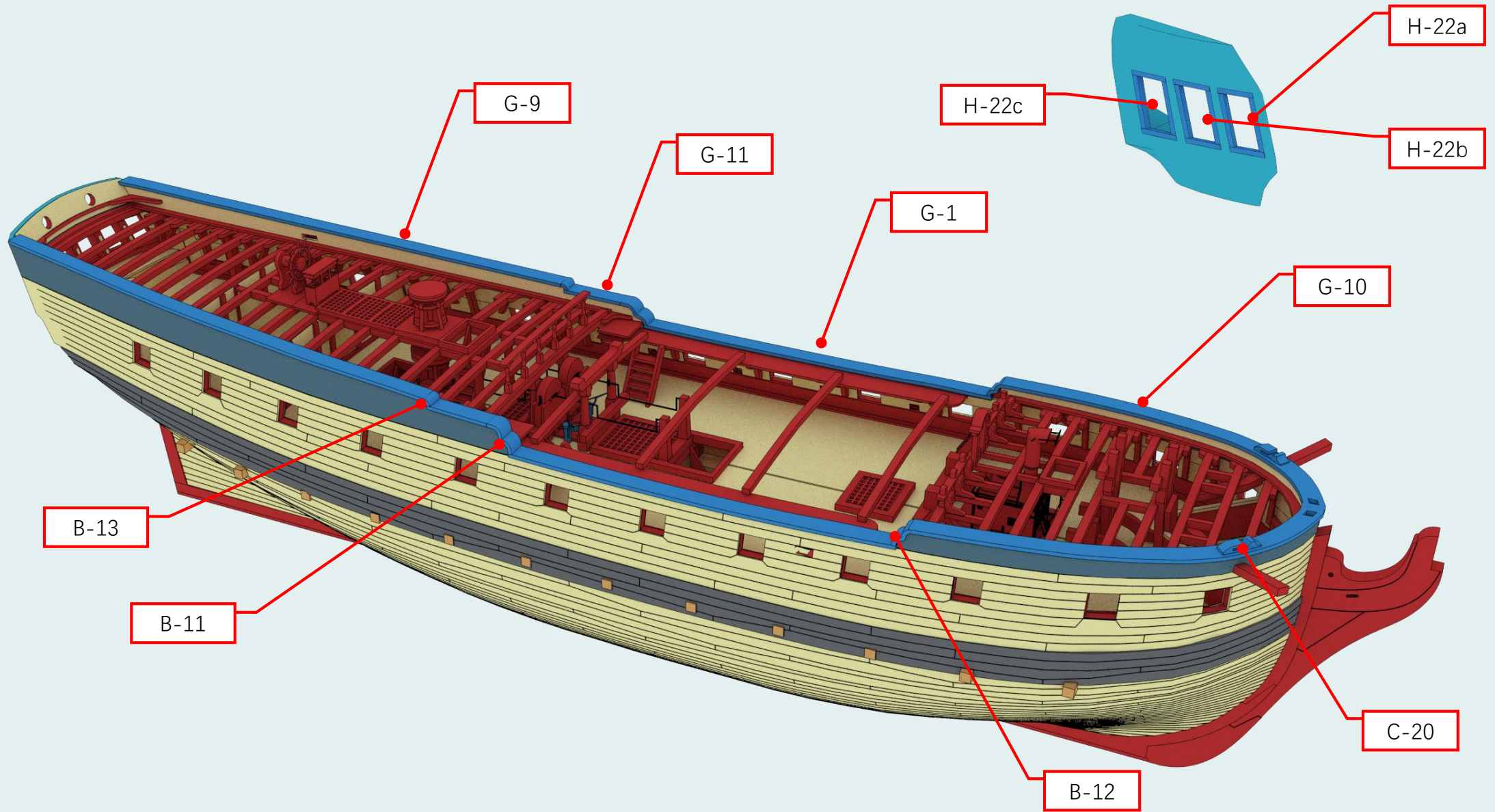


14.后甲板舾装

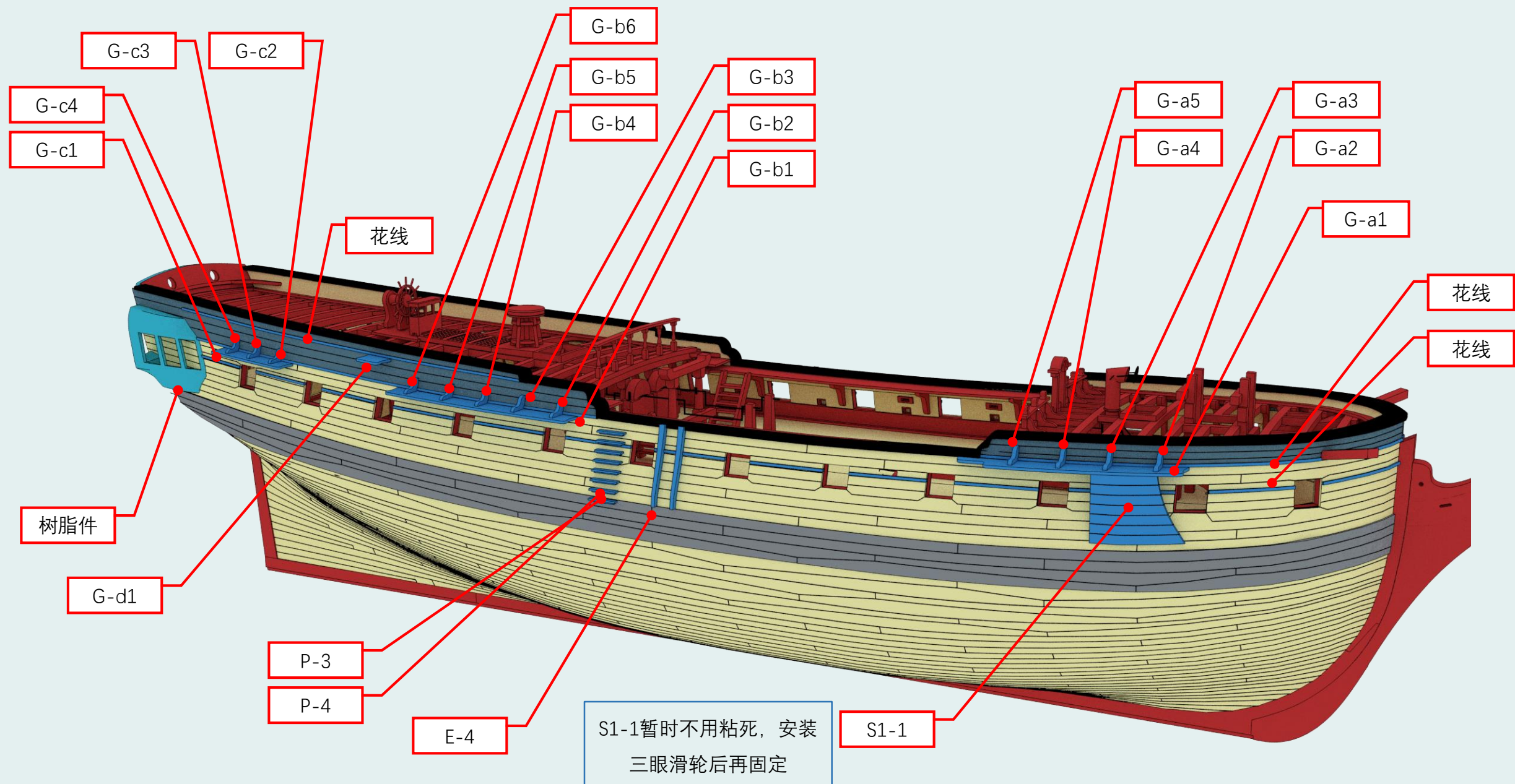


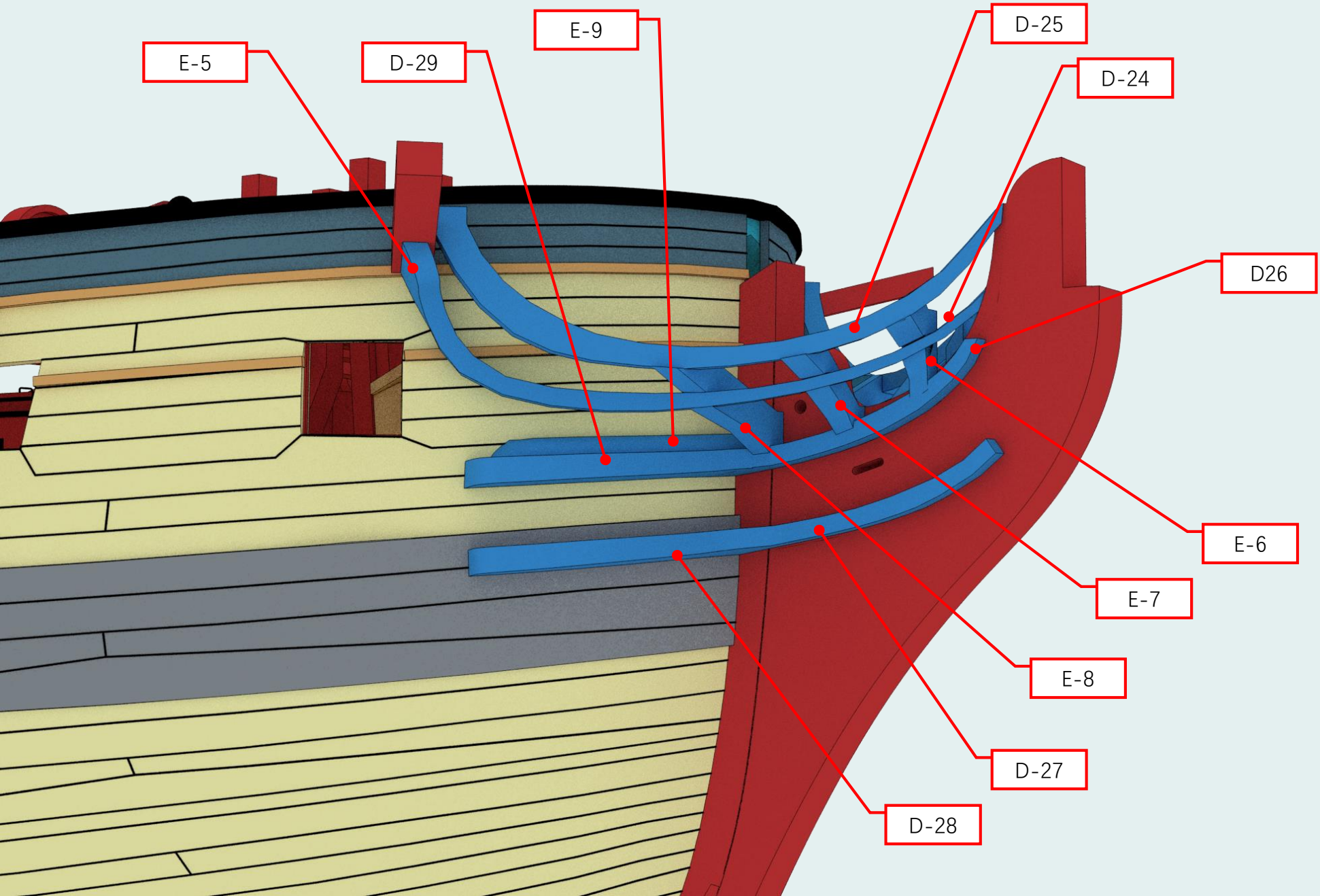
7 外部舾装

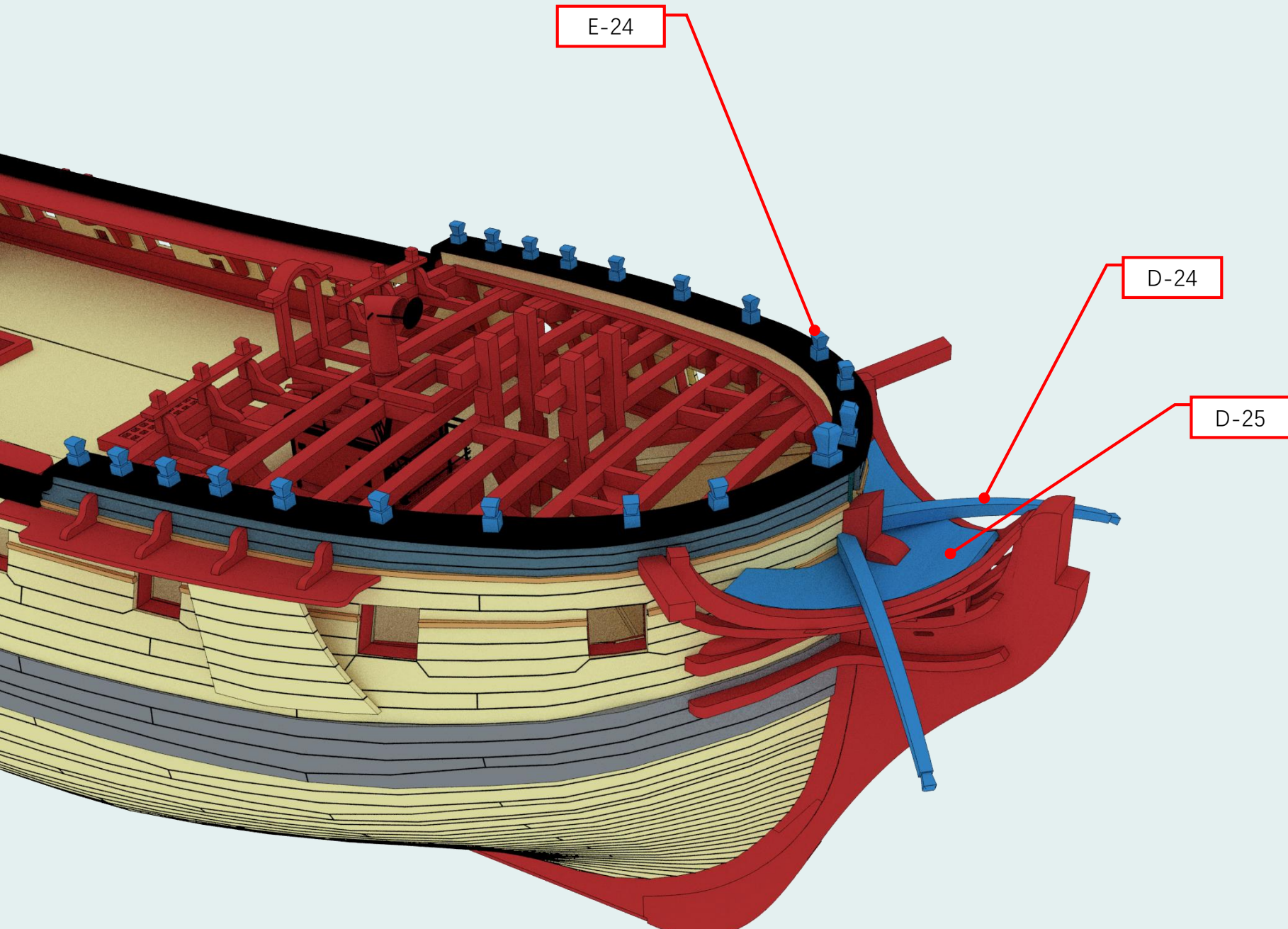
01. 船舷

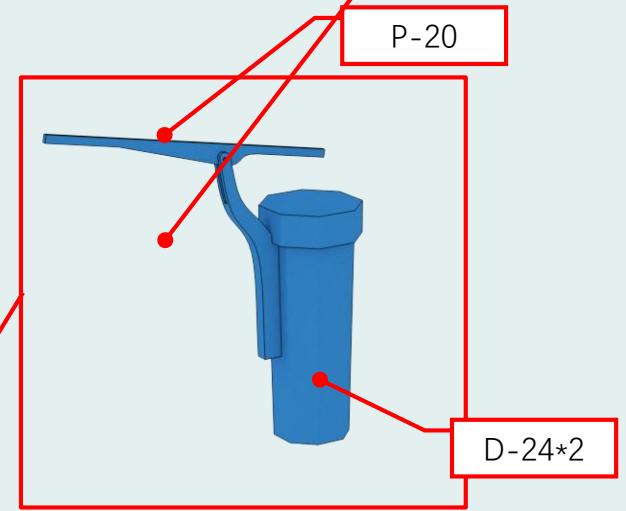
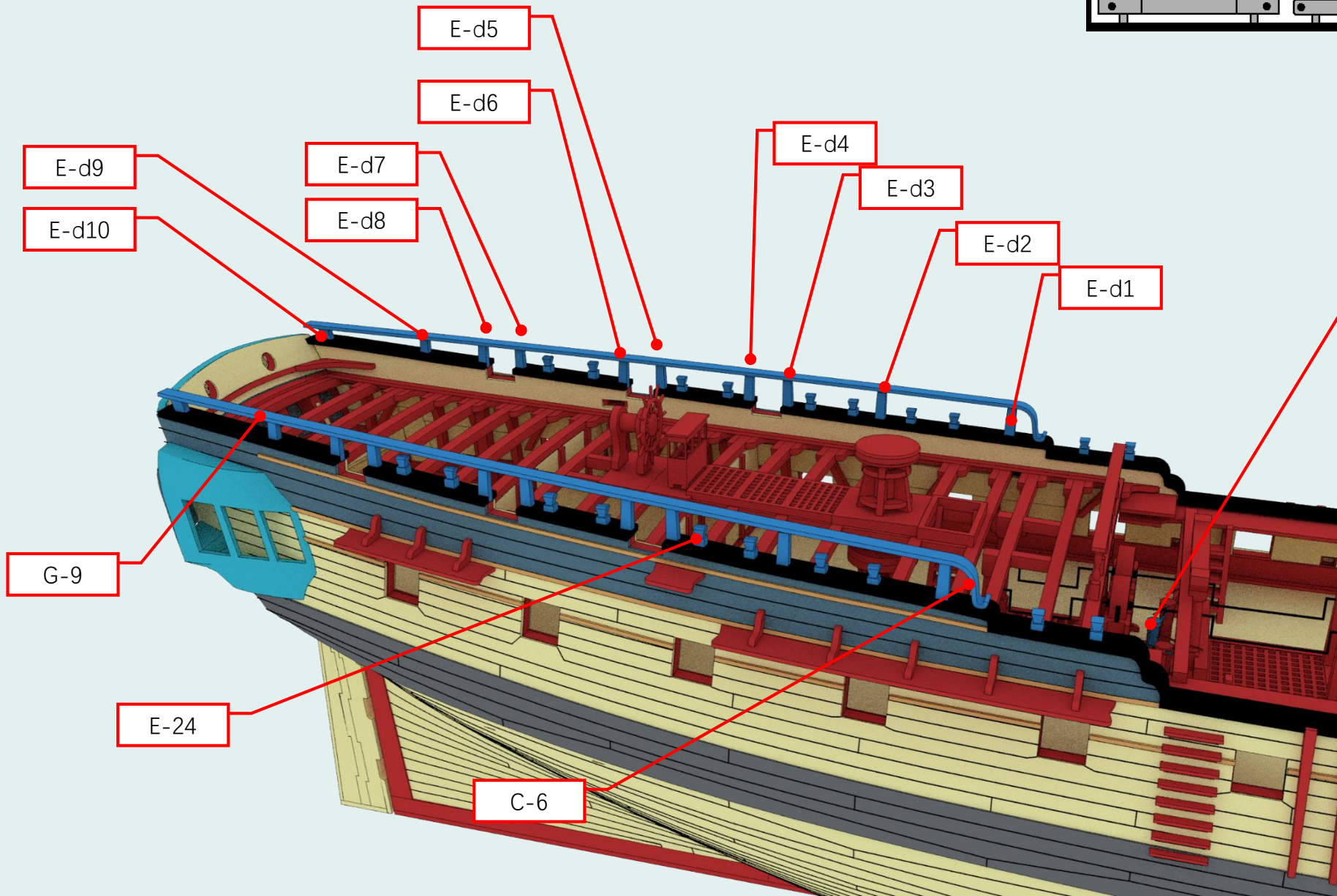
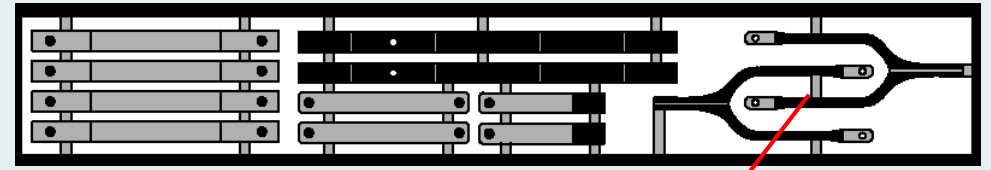


02.干船舷舾装



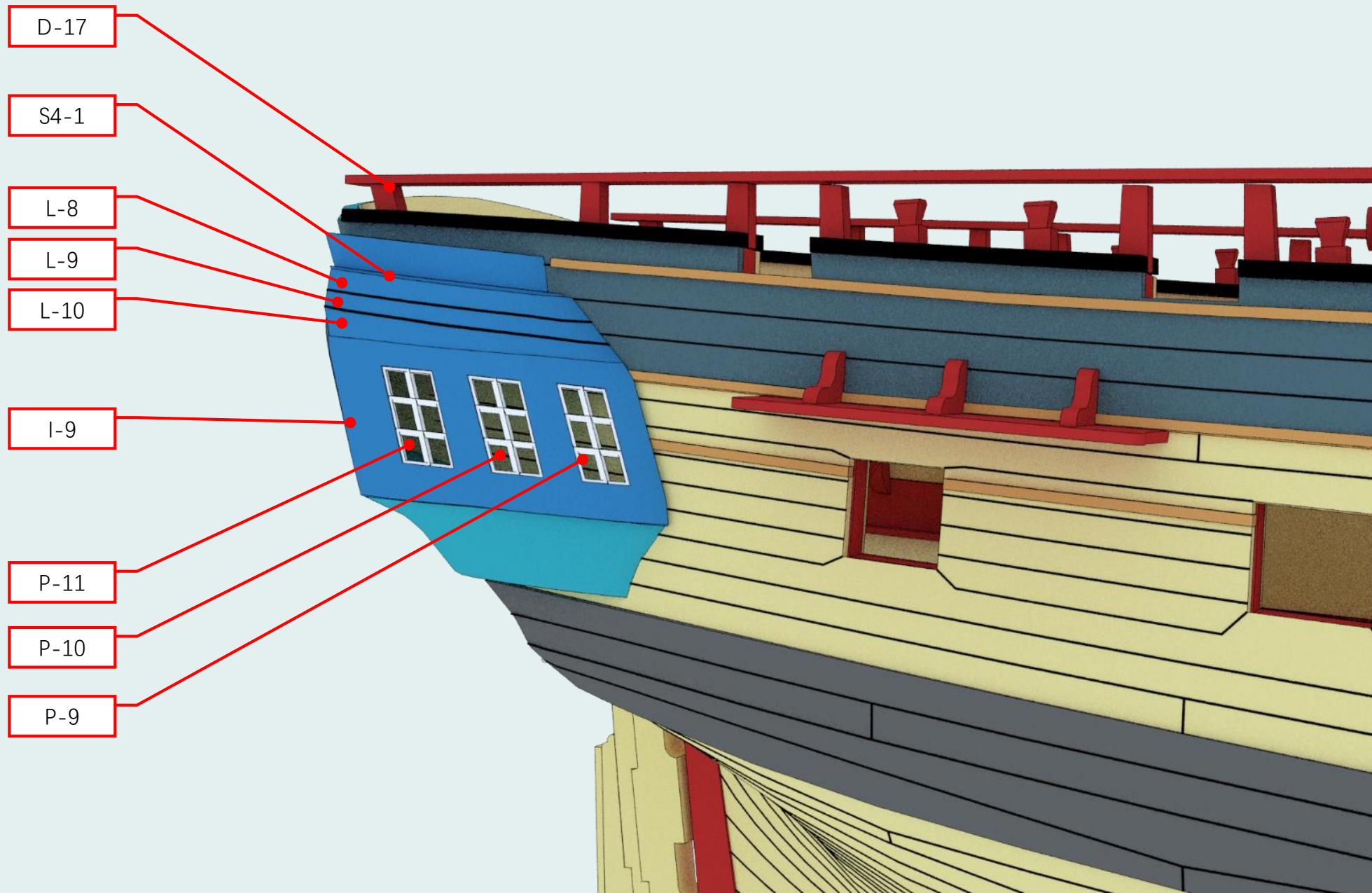


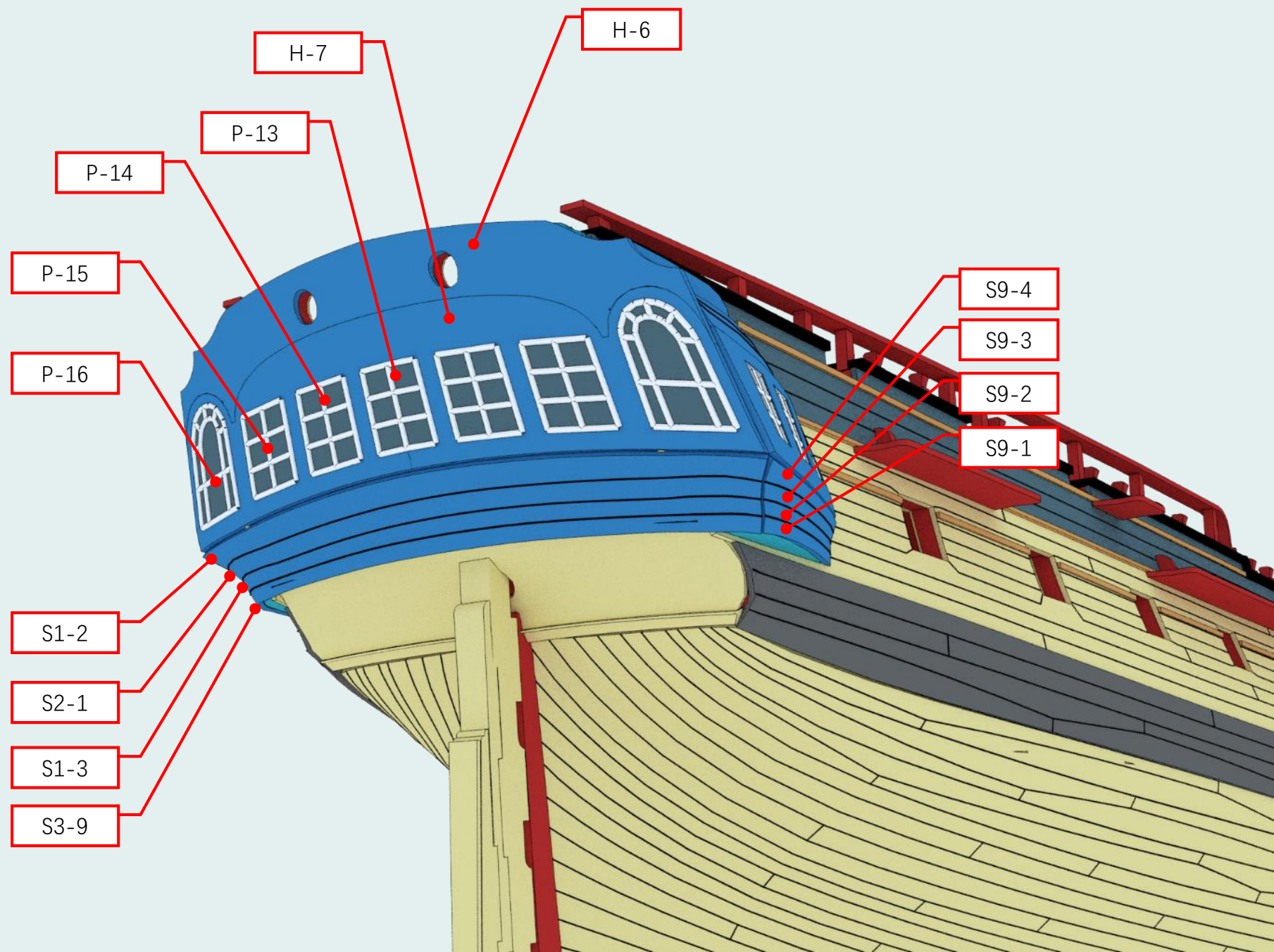


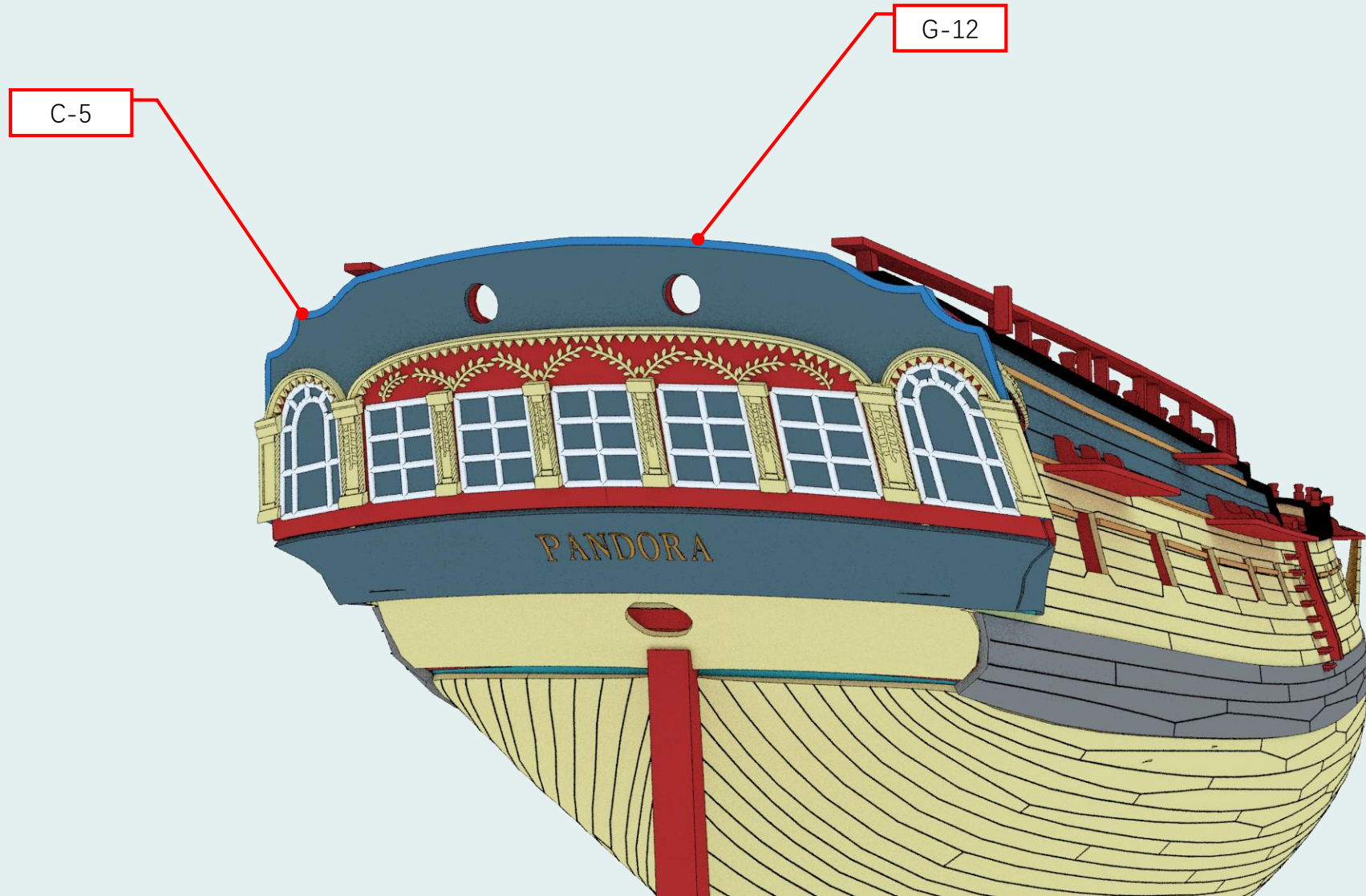


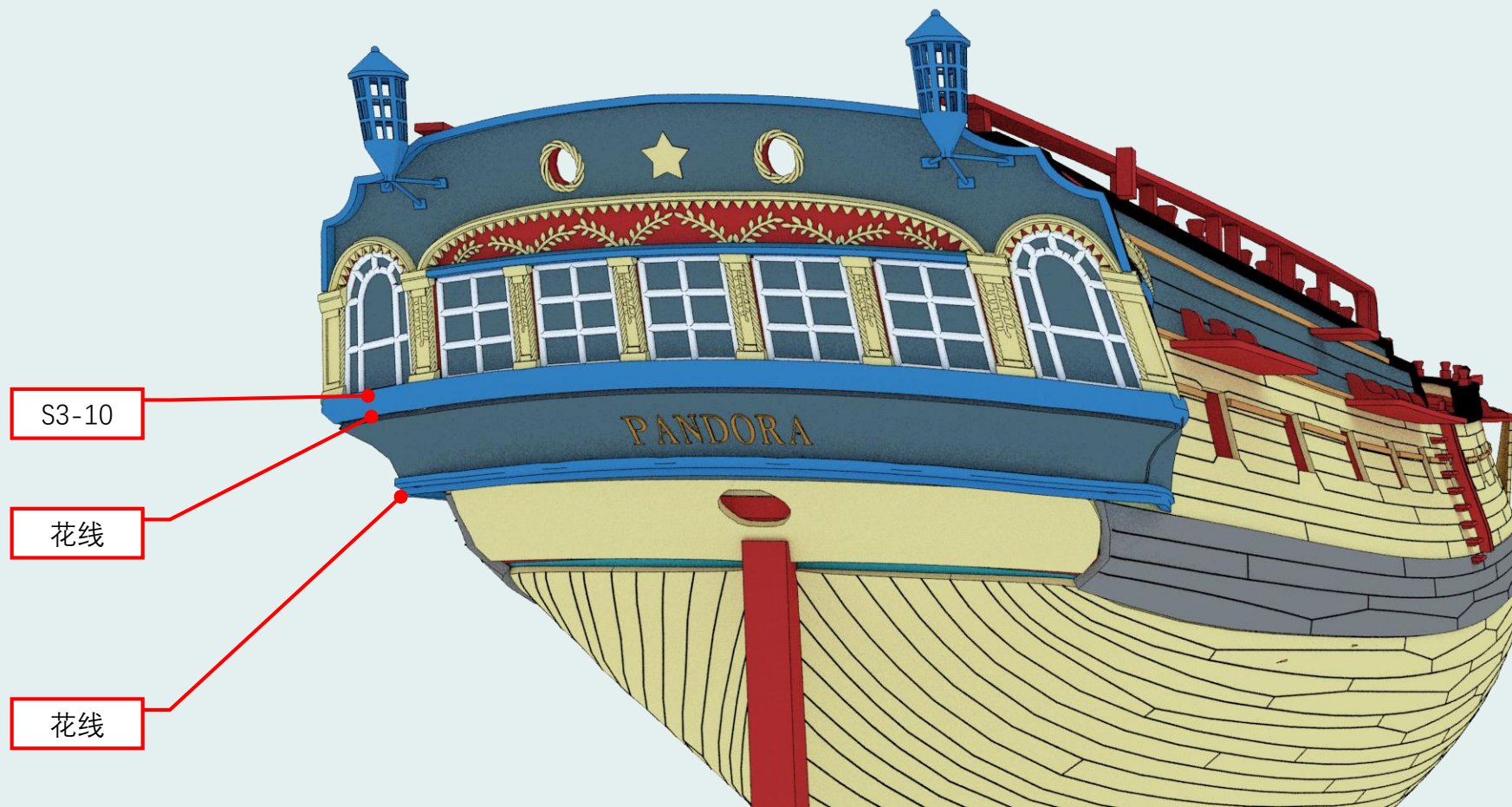
蚀刻片按蚀刻线对折

06.侧楼外包装

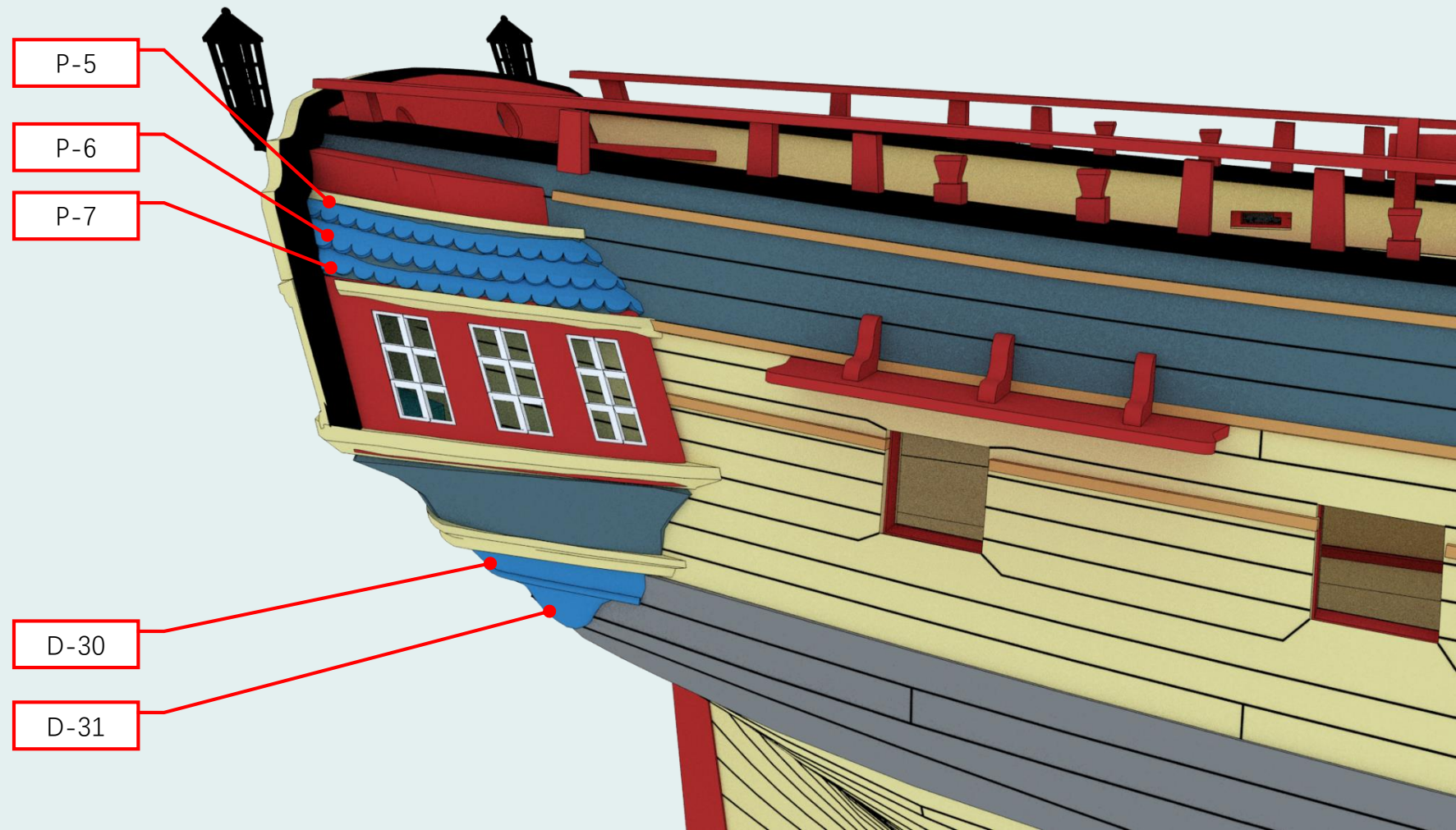






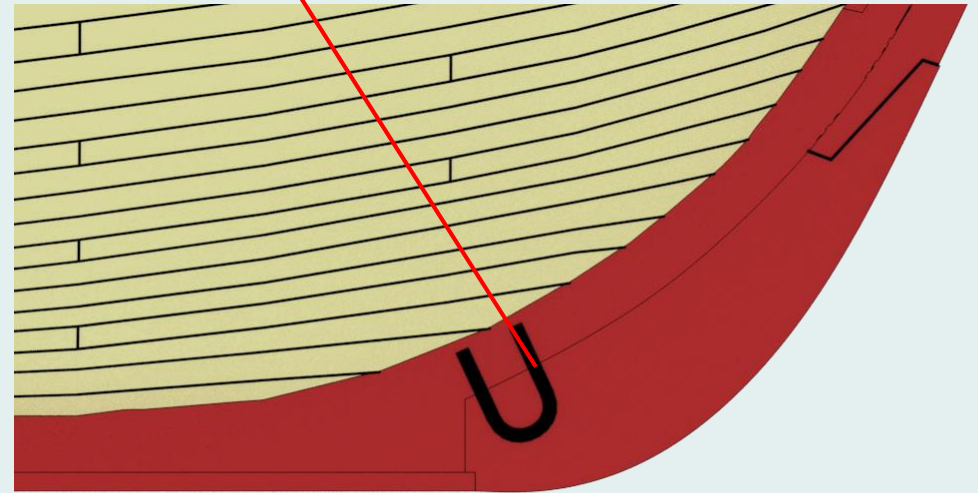
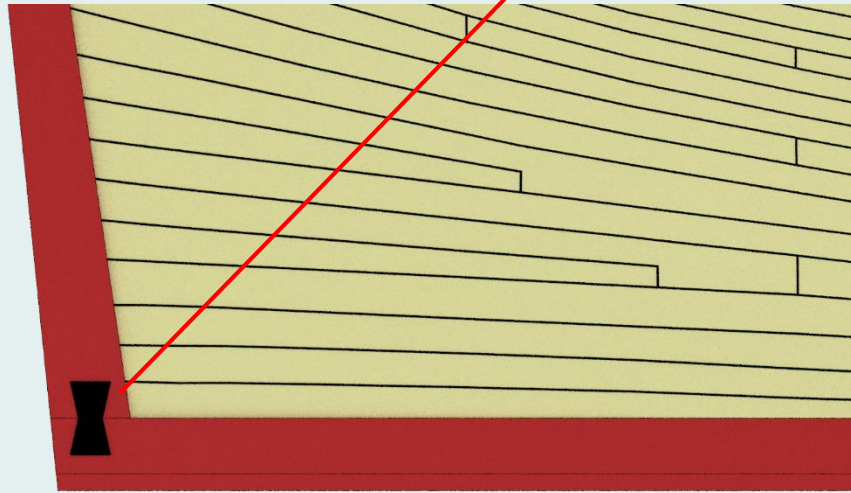
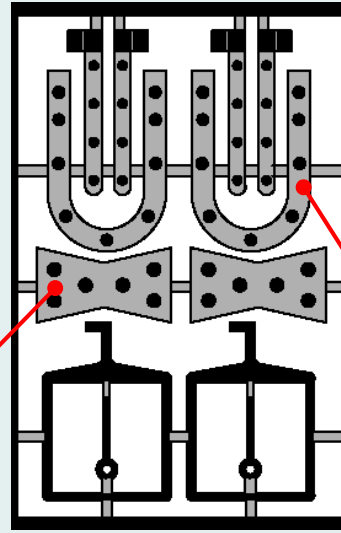


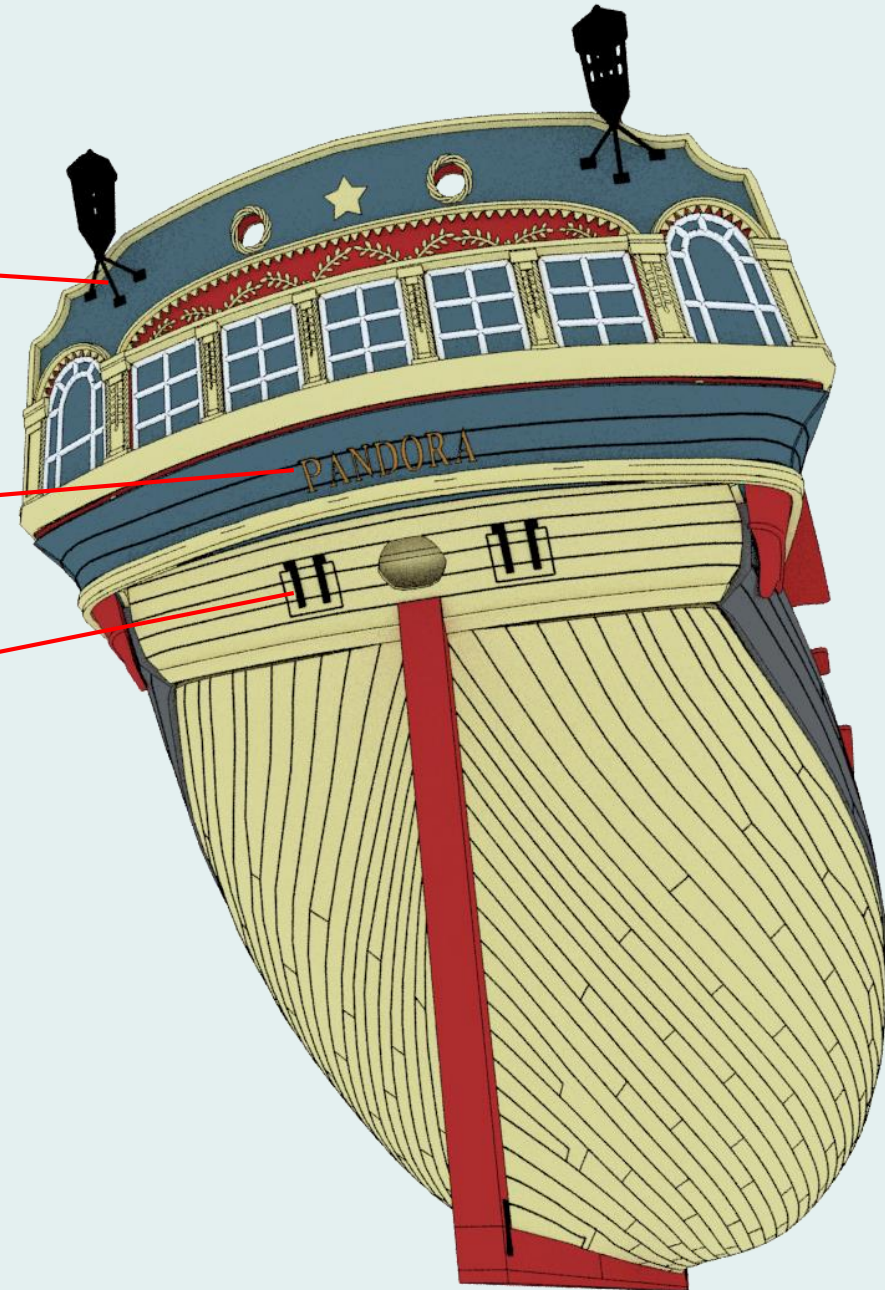
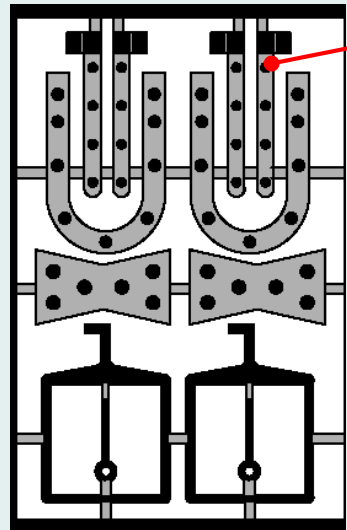
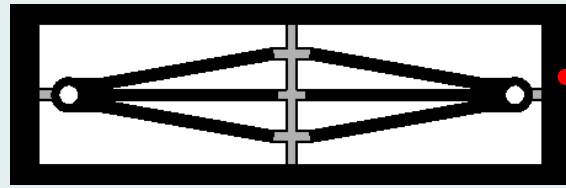
10.侧楼外装饰

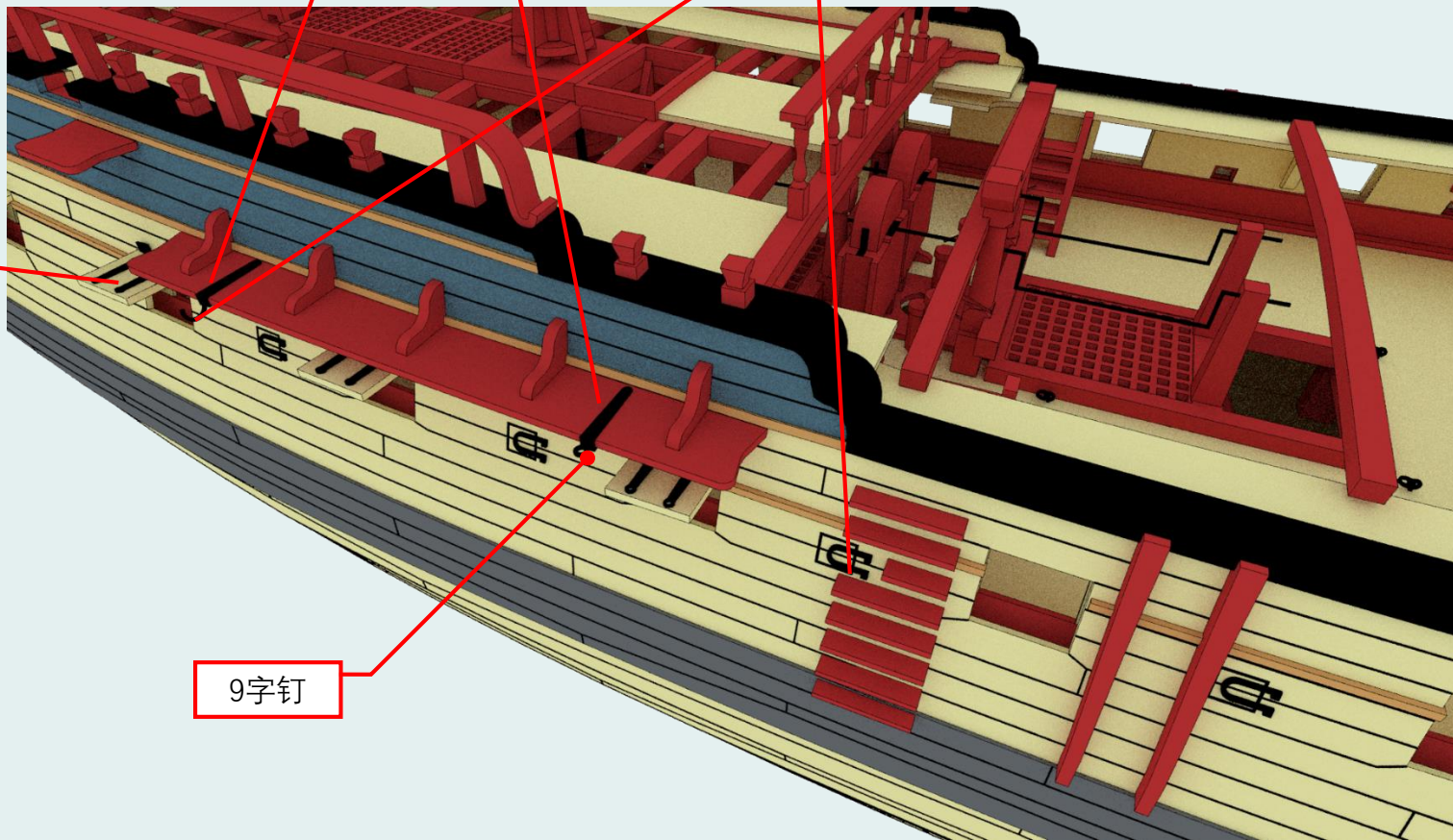
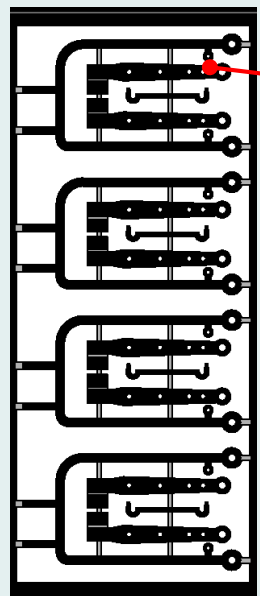
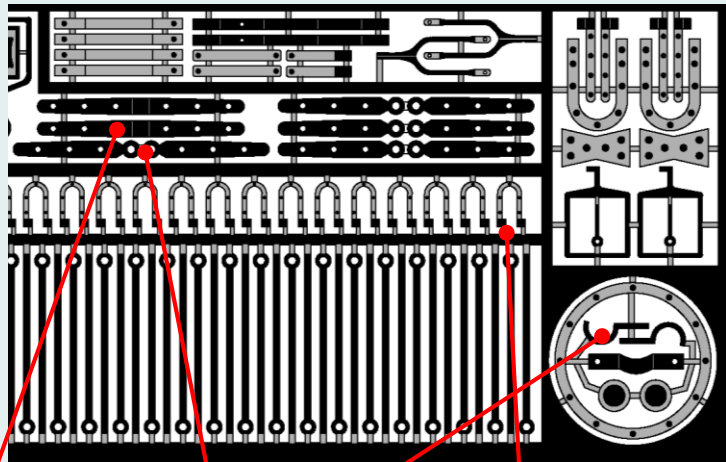


8 蚀刻片部分

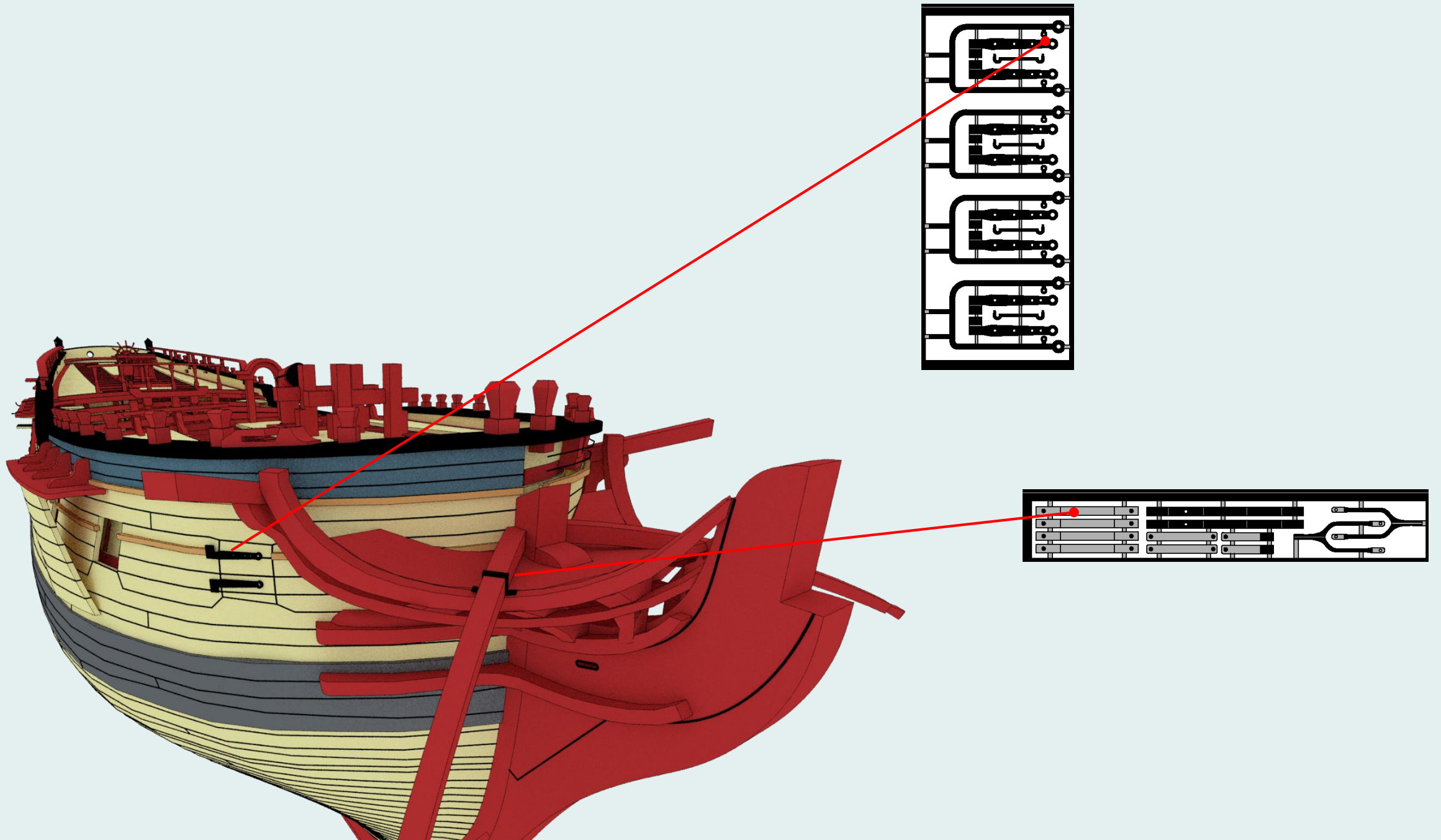
01.龙骨连接

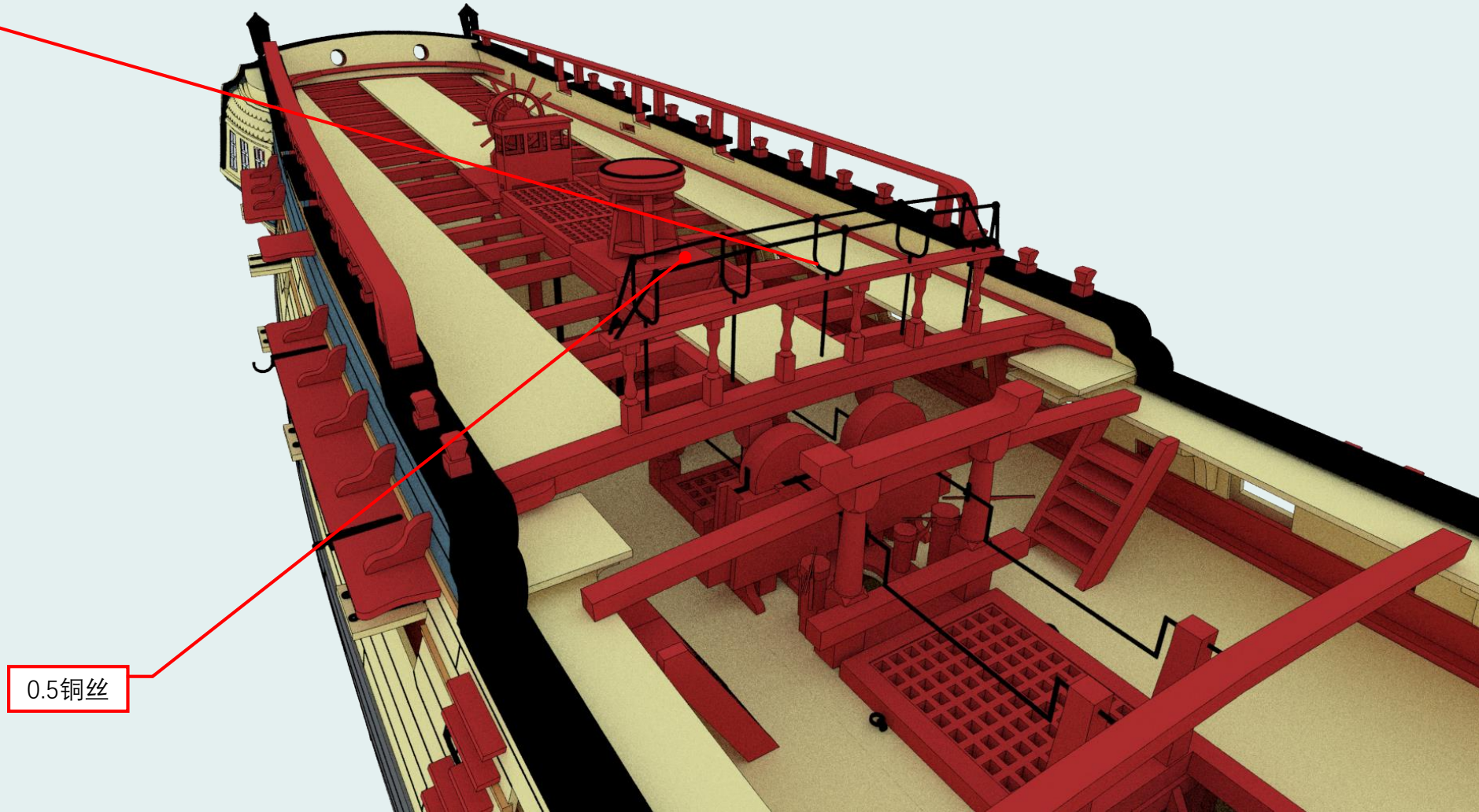
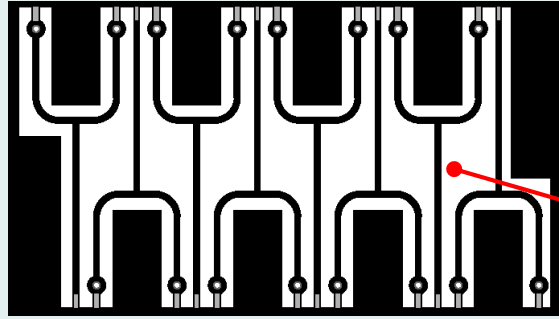






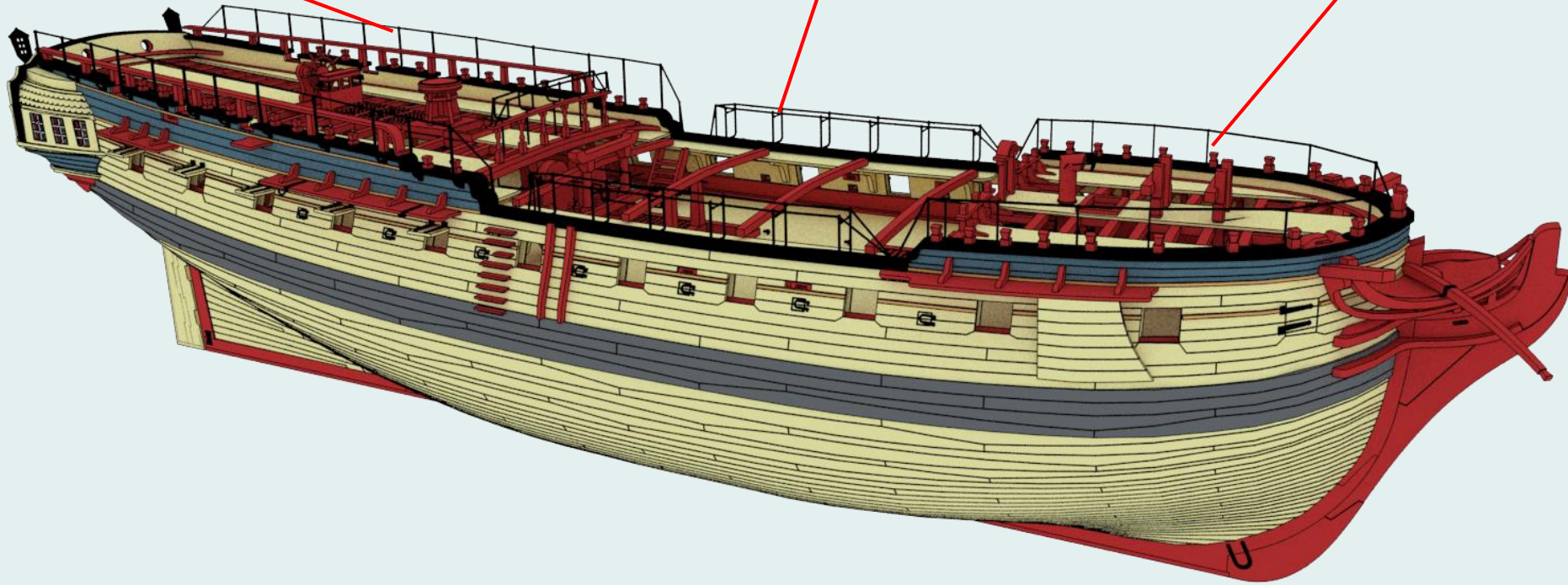
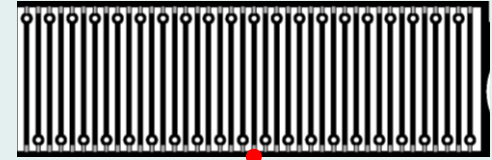
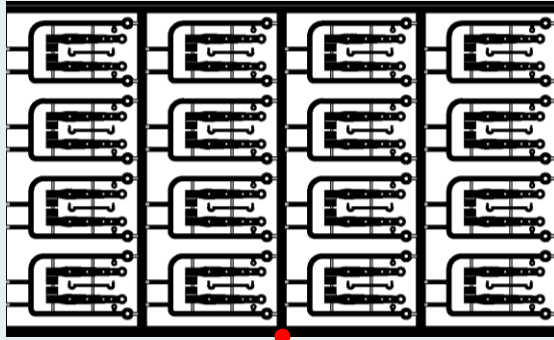
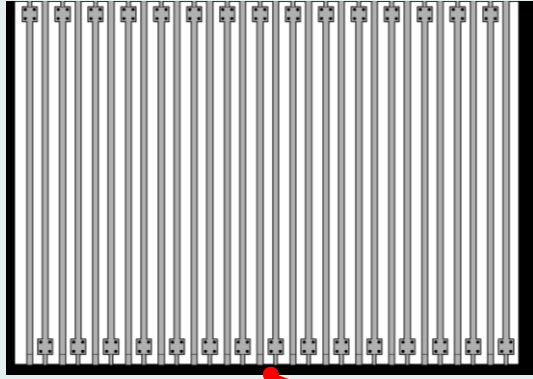
9字钉

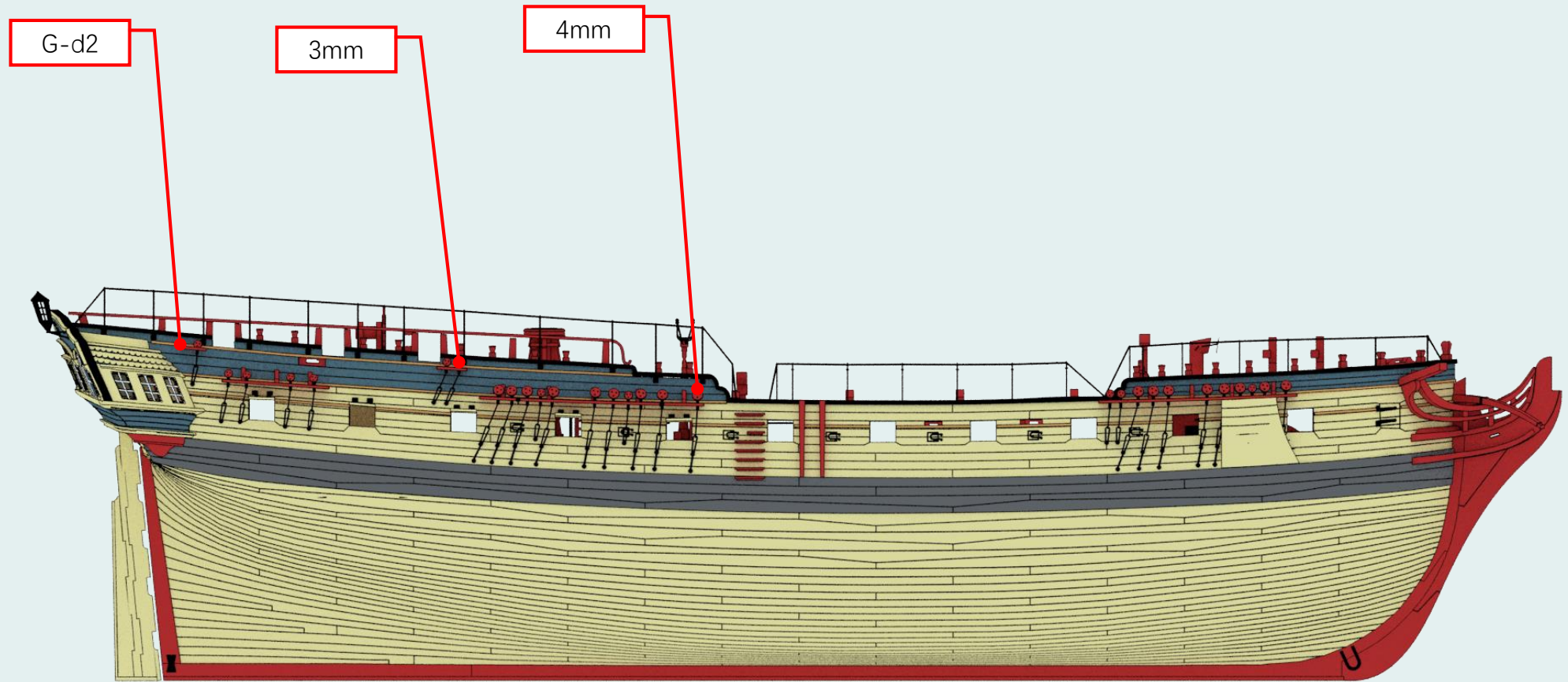




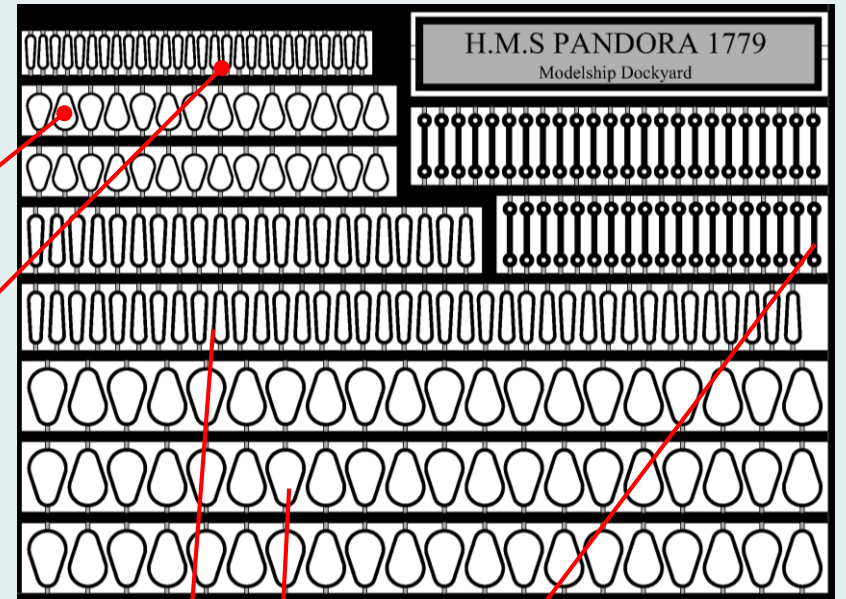
0.5铜丝

04.顶层甲板舾装细节1

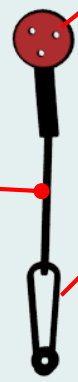




H.M.S PANDORA 1779
Modelship Dockyard



0.5mm铜丝



0.5mm铜丝

