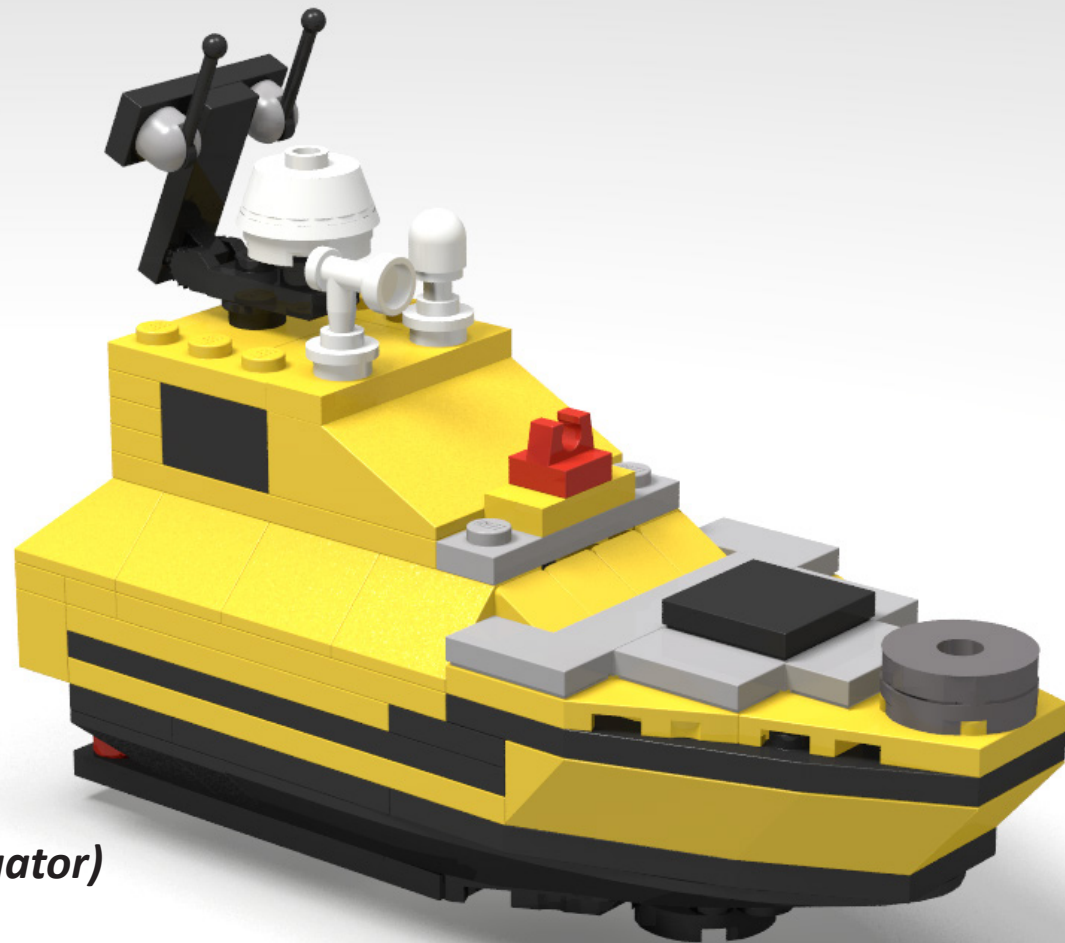




Model Name:  
asv05\_simplified

Number of Bricks: 101



## ***BEN (Bathymetric Explorer and Navigator)*** **Autonomous Surface Vehicle**

*BEN* is a autonomous surface vehicle (also known as “ASV”) operated by the UNH Center for Coastal and Ocean Mapping.

Learn more about *BEN* at the CCOM/JHC website:  
<https://ccom.unh.edu/theme/autonomous-systems>

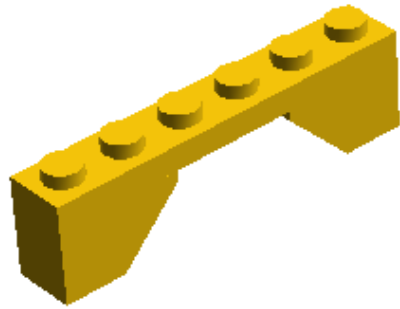
Model designed by Will Fessenden

Step 1 of 36

2 x



1 x



Step 2 of 36

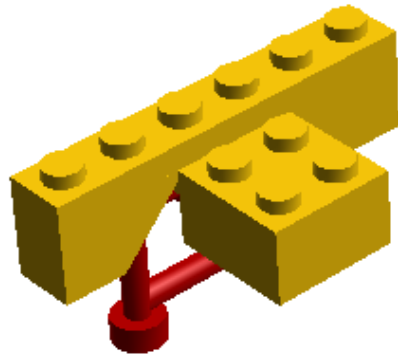
2 x



1 x



1 x



Step 3 of 36

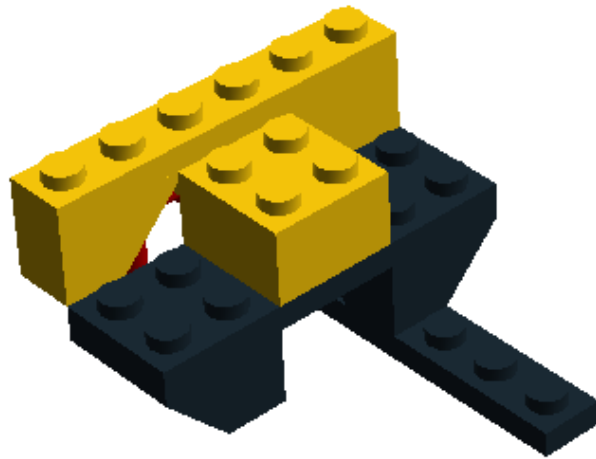
2 x



1 x



1 x



Step 4 of 36

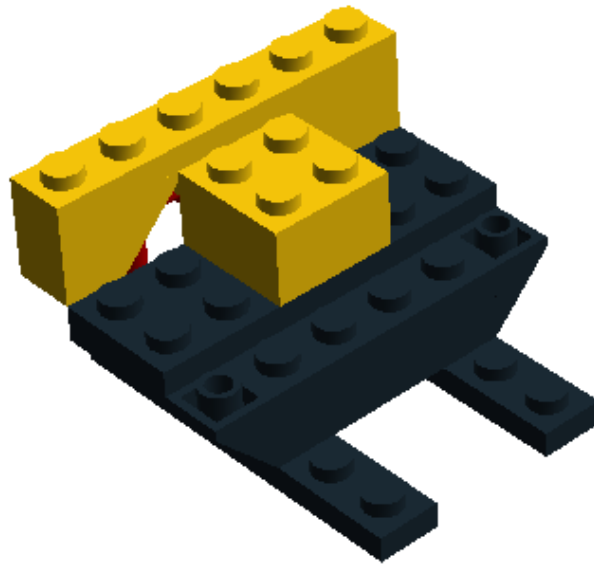
1 x



2 x



1 x



Step 5 of 36

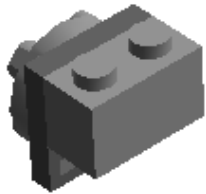
1 x



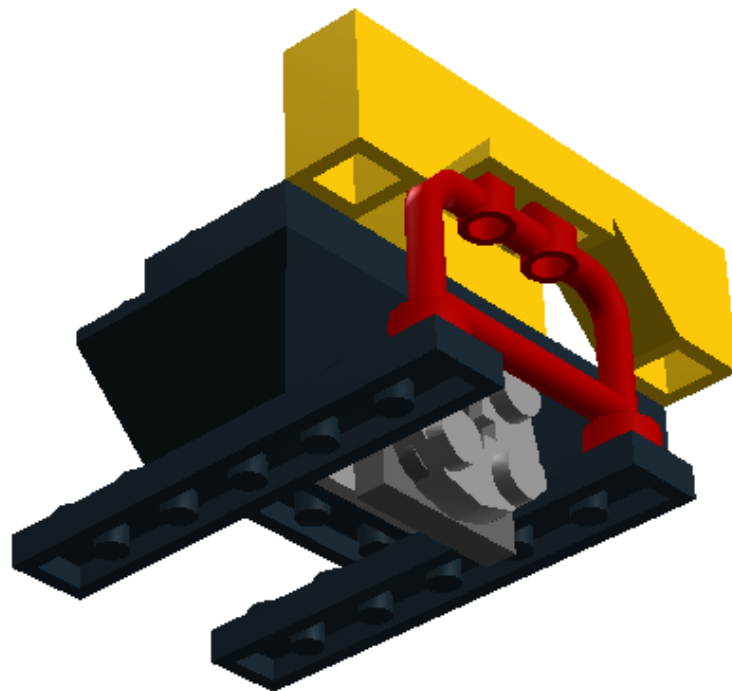
1 x



1 x



Step 6 of 36



Step 7 of 36

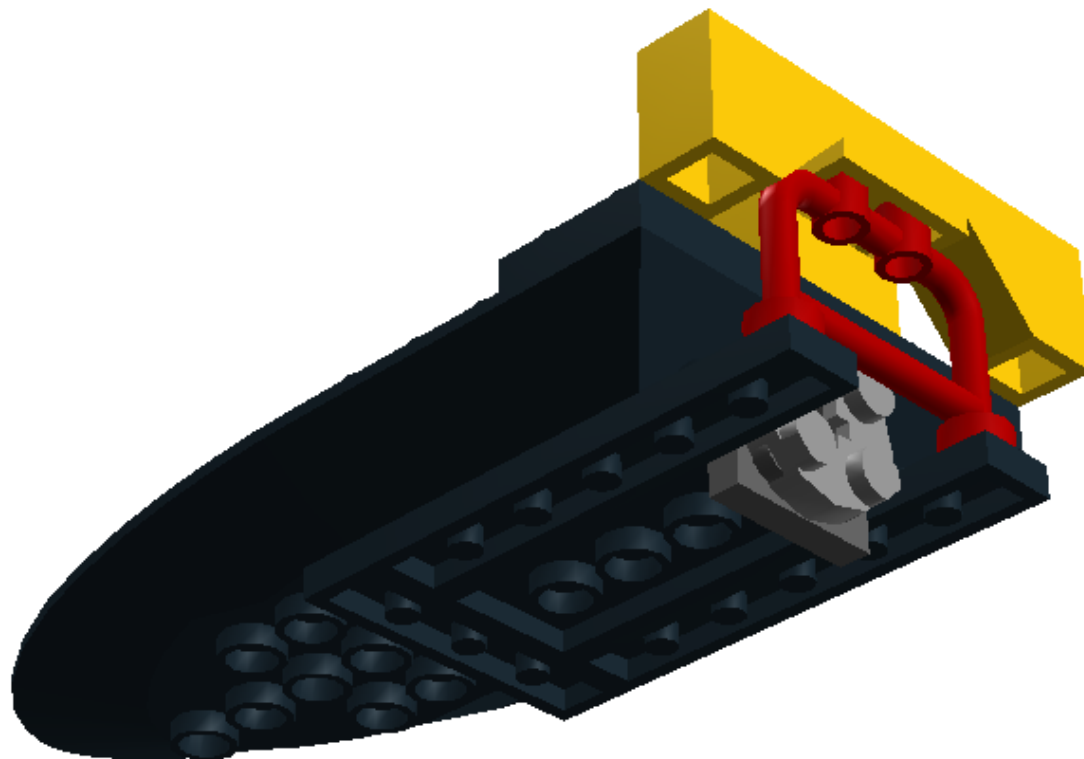
1 x



1 x



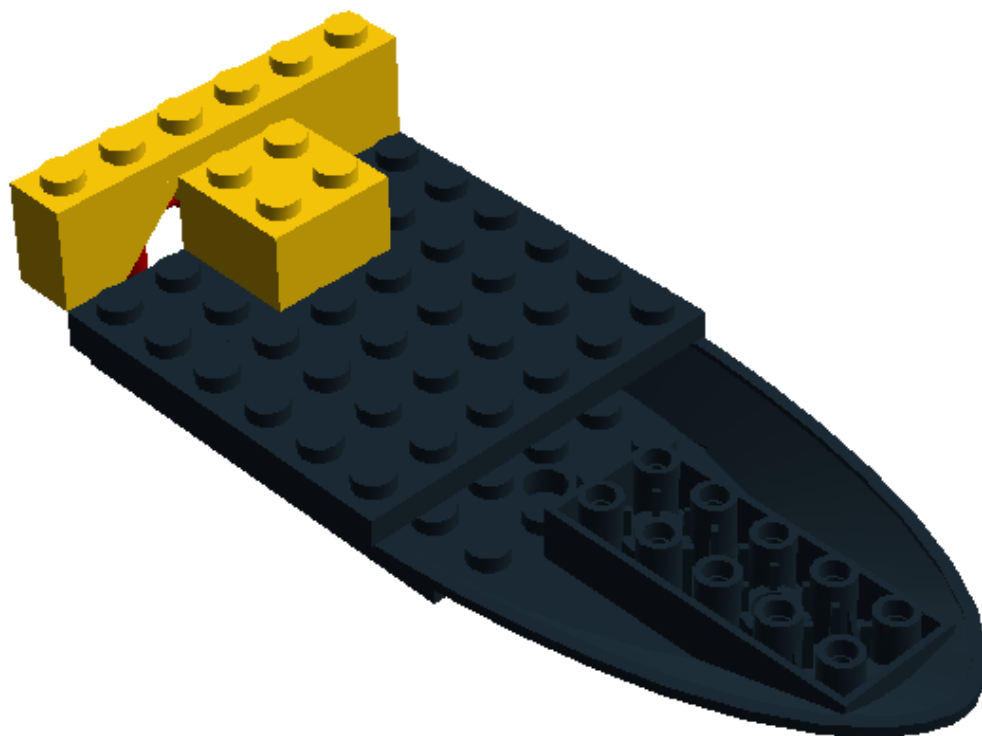
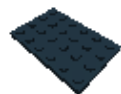
1 x





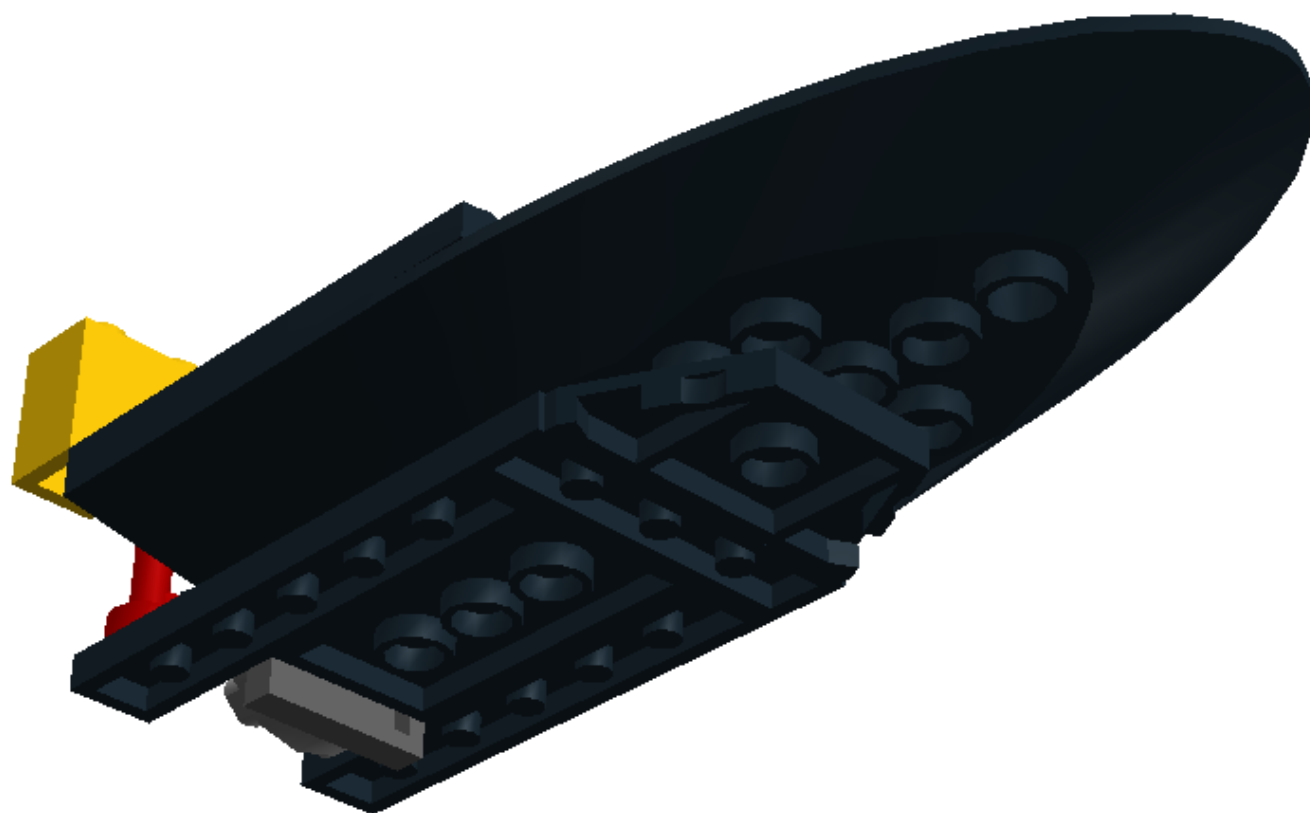
Step 8 of 36

1 x



Step 9 of 36

1 x



Step 10 of 36

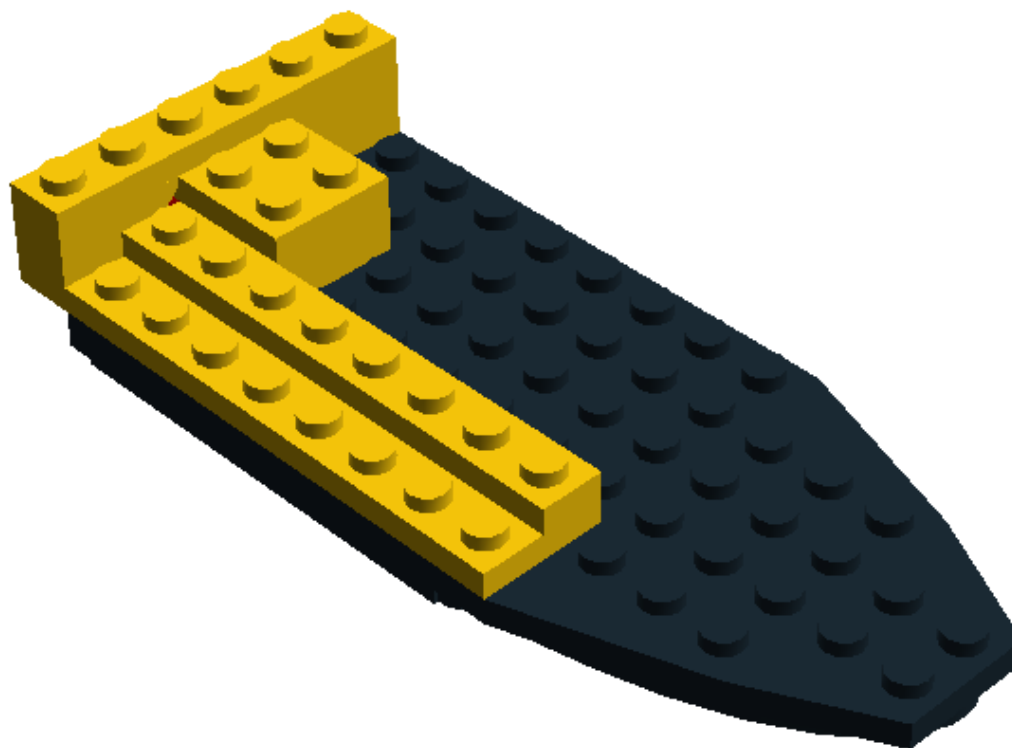
1 x



1 x



1 x



Step 11 of 36

1 x



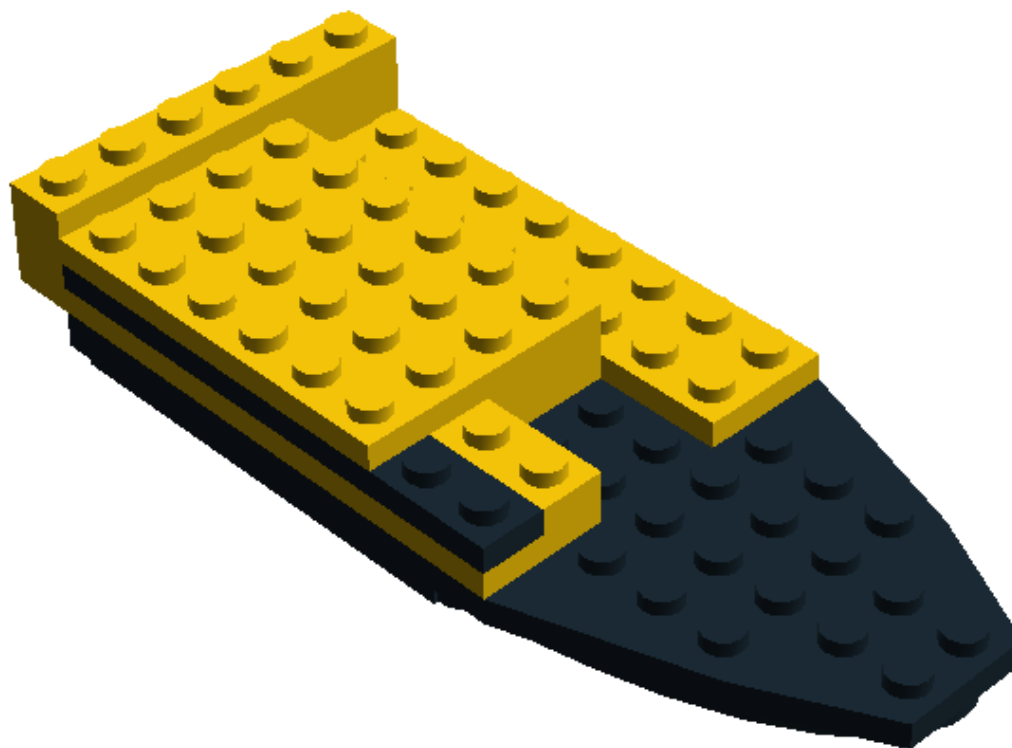
1 x



1 x



1 x



Step 12 of 36

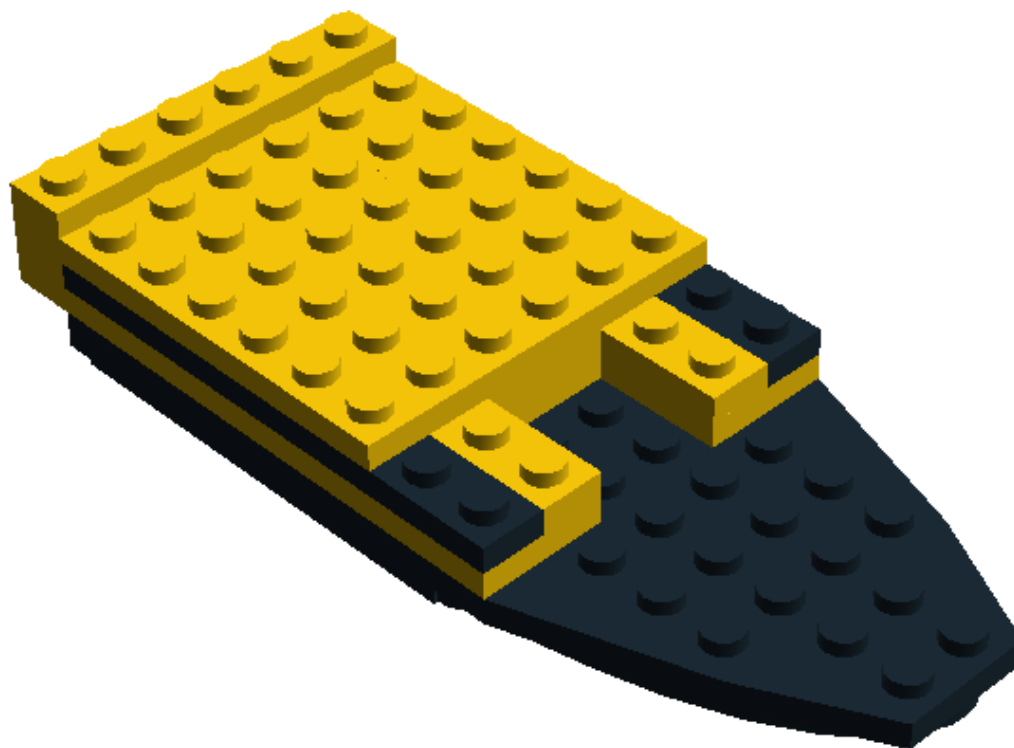
1 x



1 x

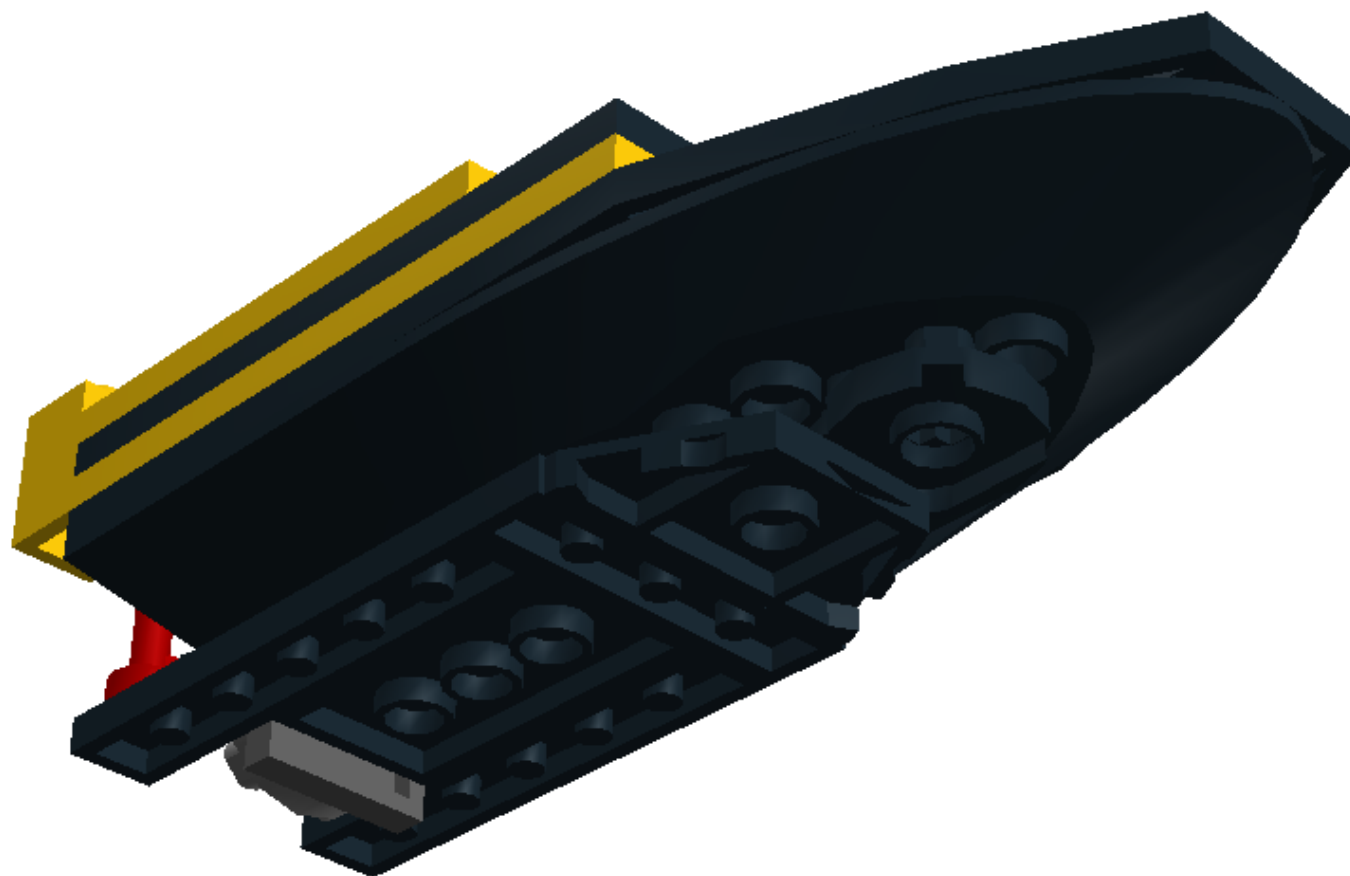


1 x



Step 13 of 36

1 x



Step 14 of 36

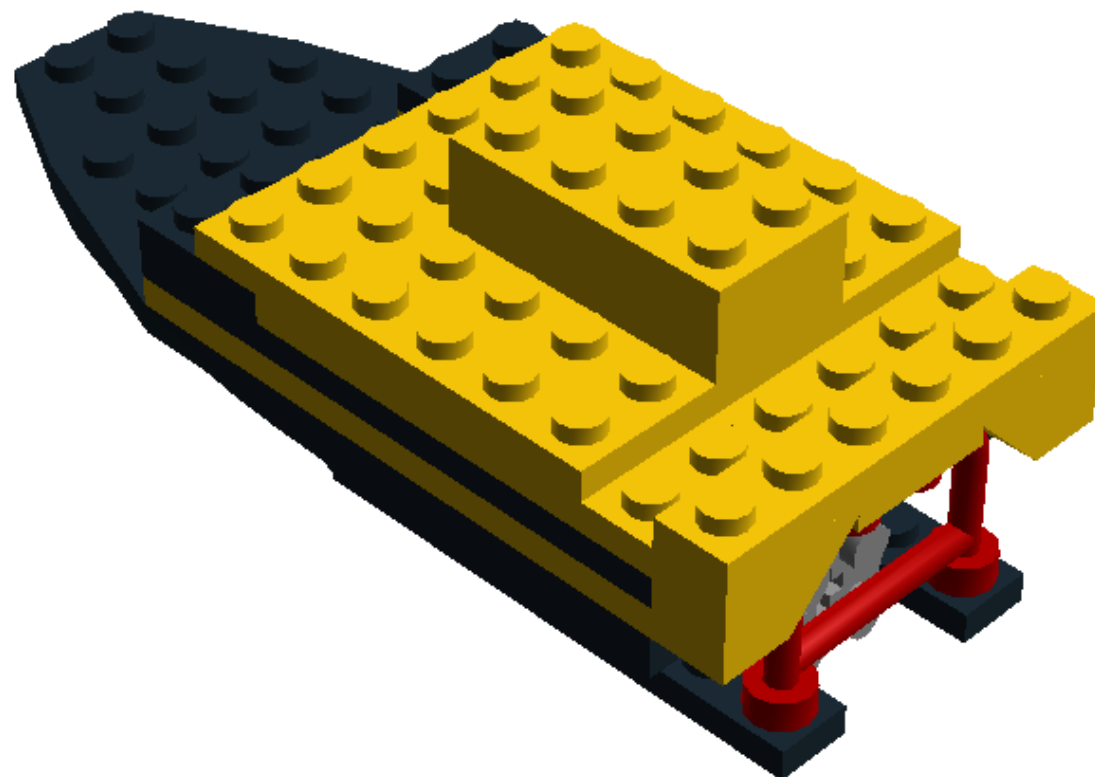
1 x



2 x



1 x

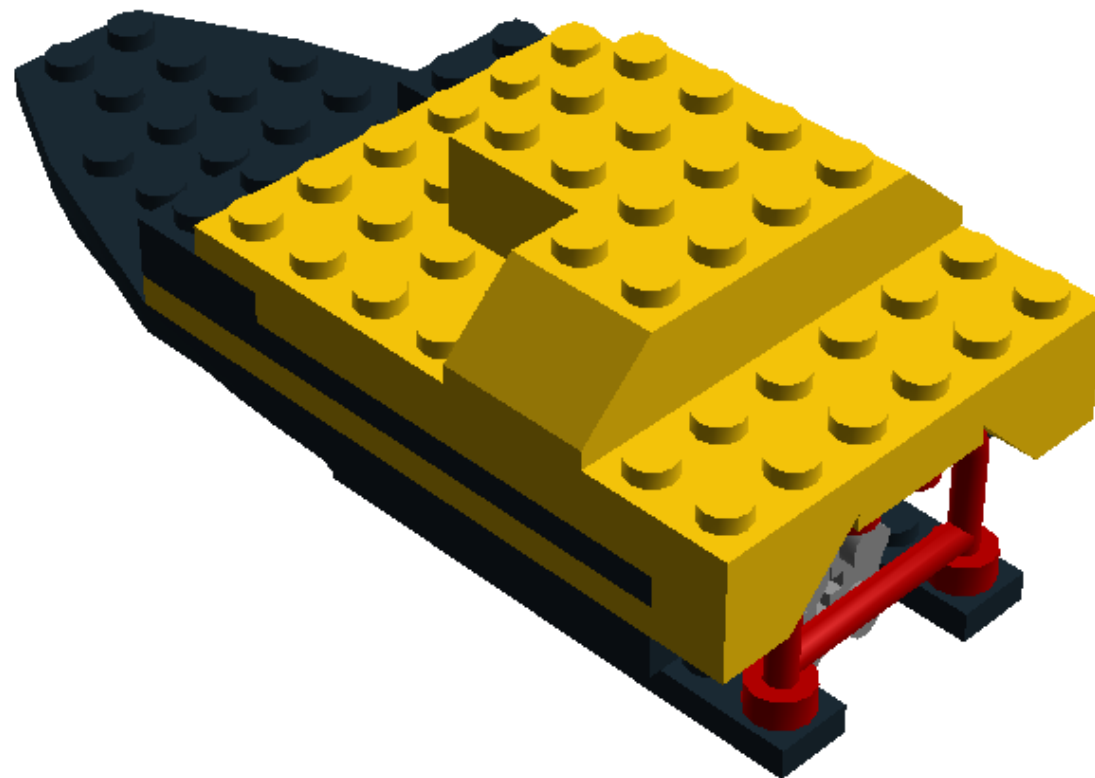


Step 15 of 36

3 x



1 x



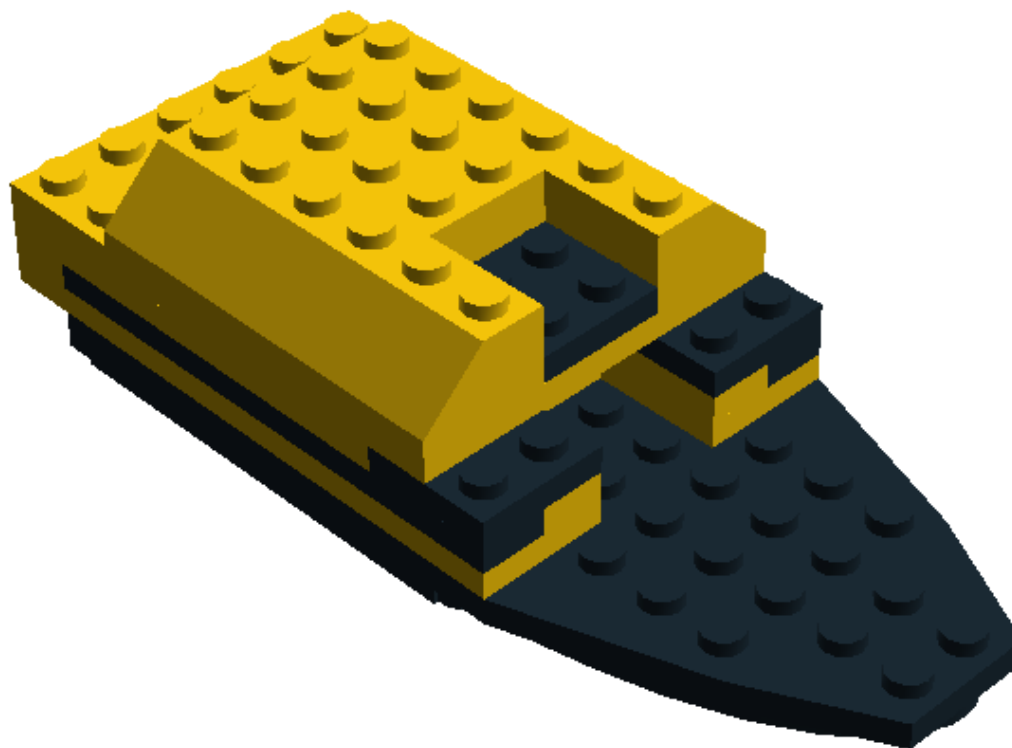


Step 16 of 36

3 x

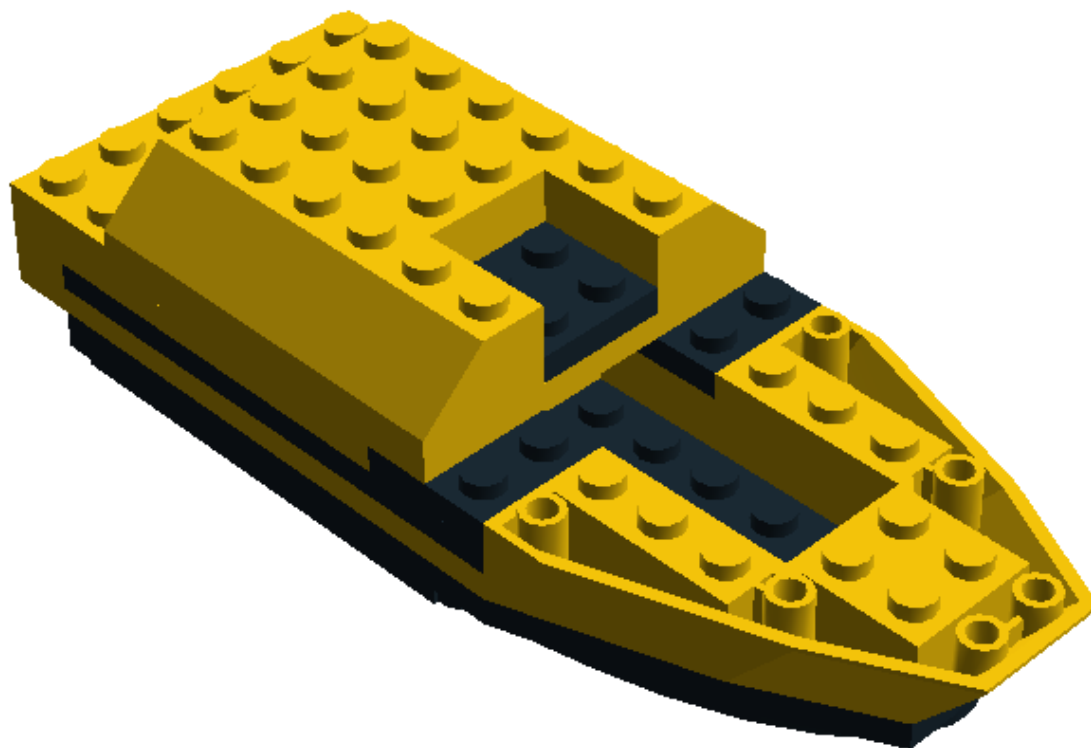


1 x



Step 17 of 36

1 x

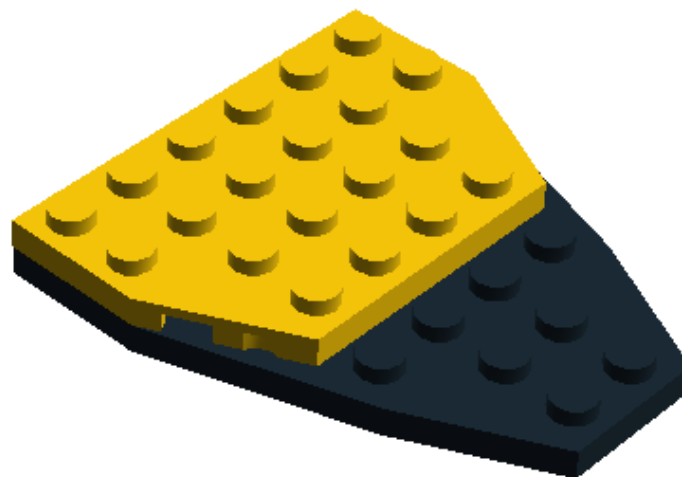


Step 18 of 36

1 x



1 x

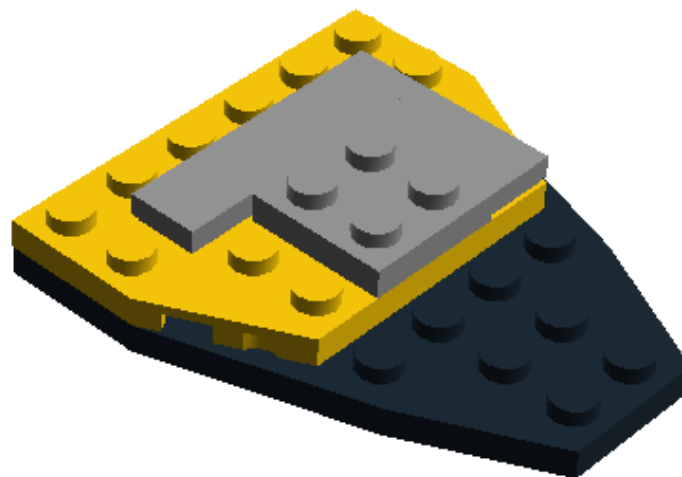


Step 19 of 36

3 x



1 x



Step 20 of 36

3 x



1 x



Step 21 of 36

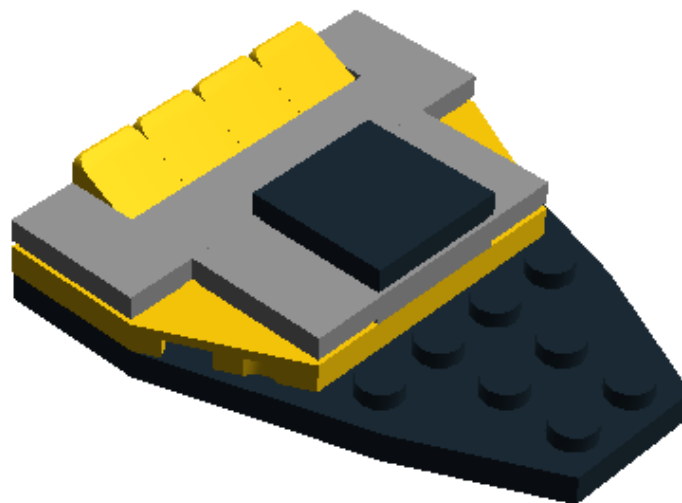
1 x

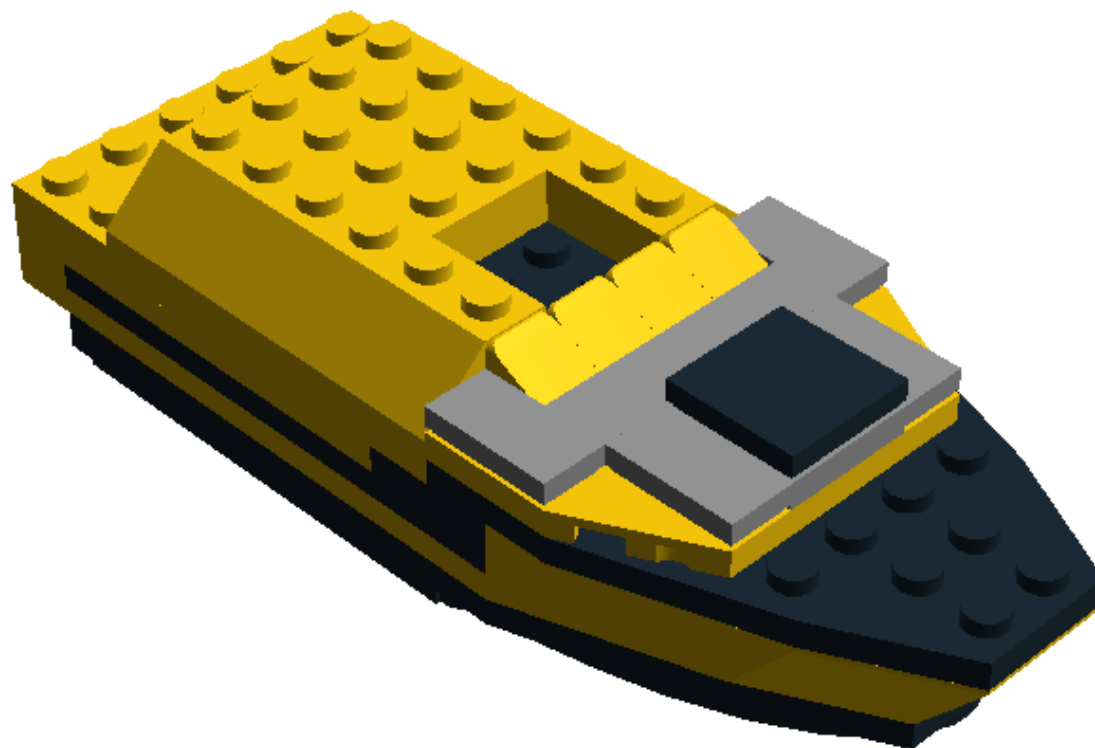


2 x



1 x



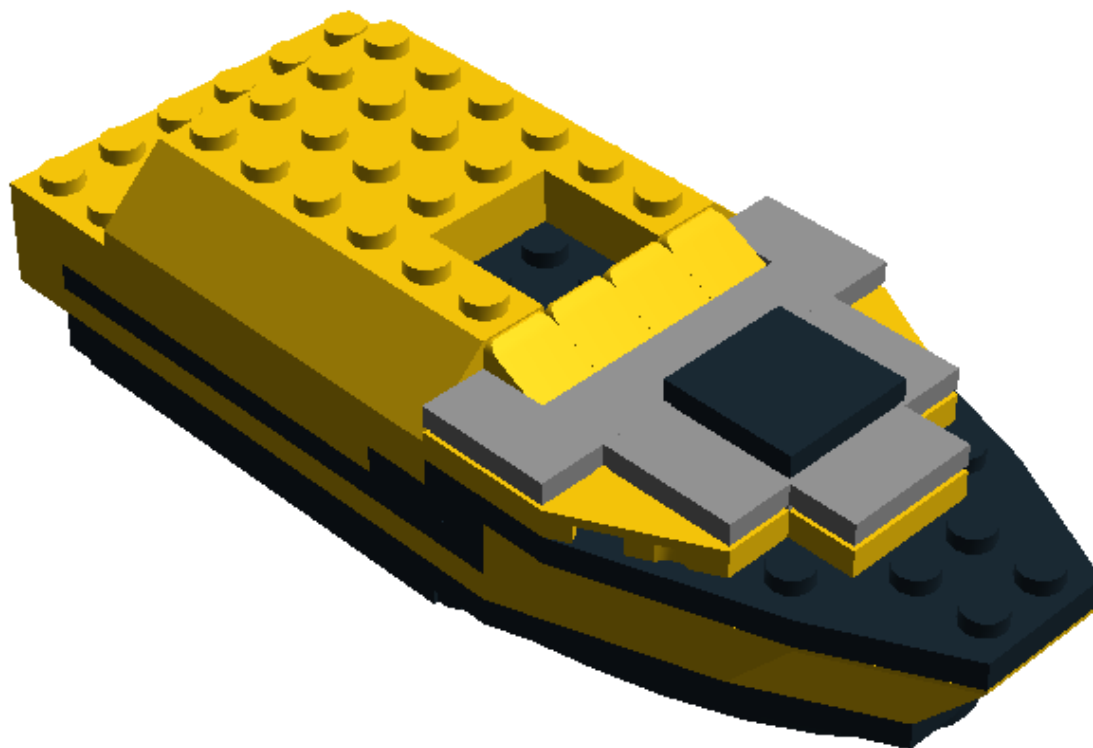


Step 23 of 36

1 x



1 x





Step 24 of 36

1 x



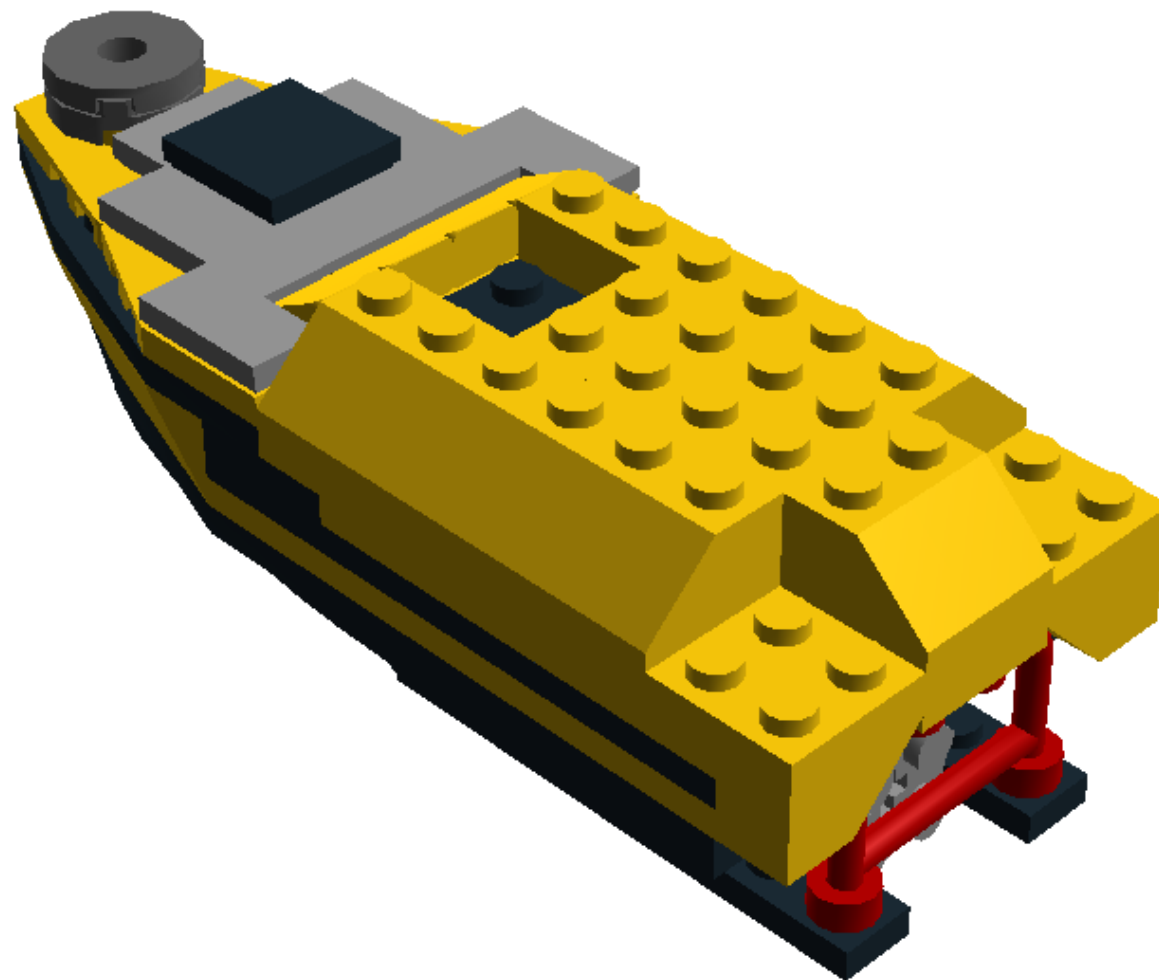
1 x



1 x



1 x

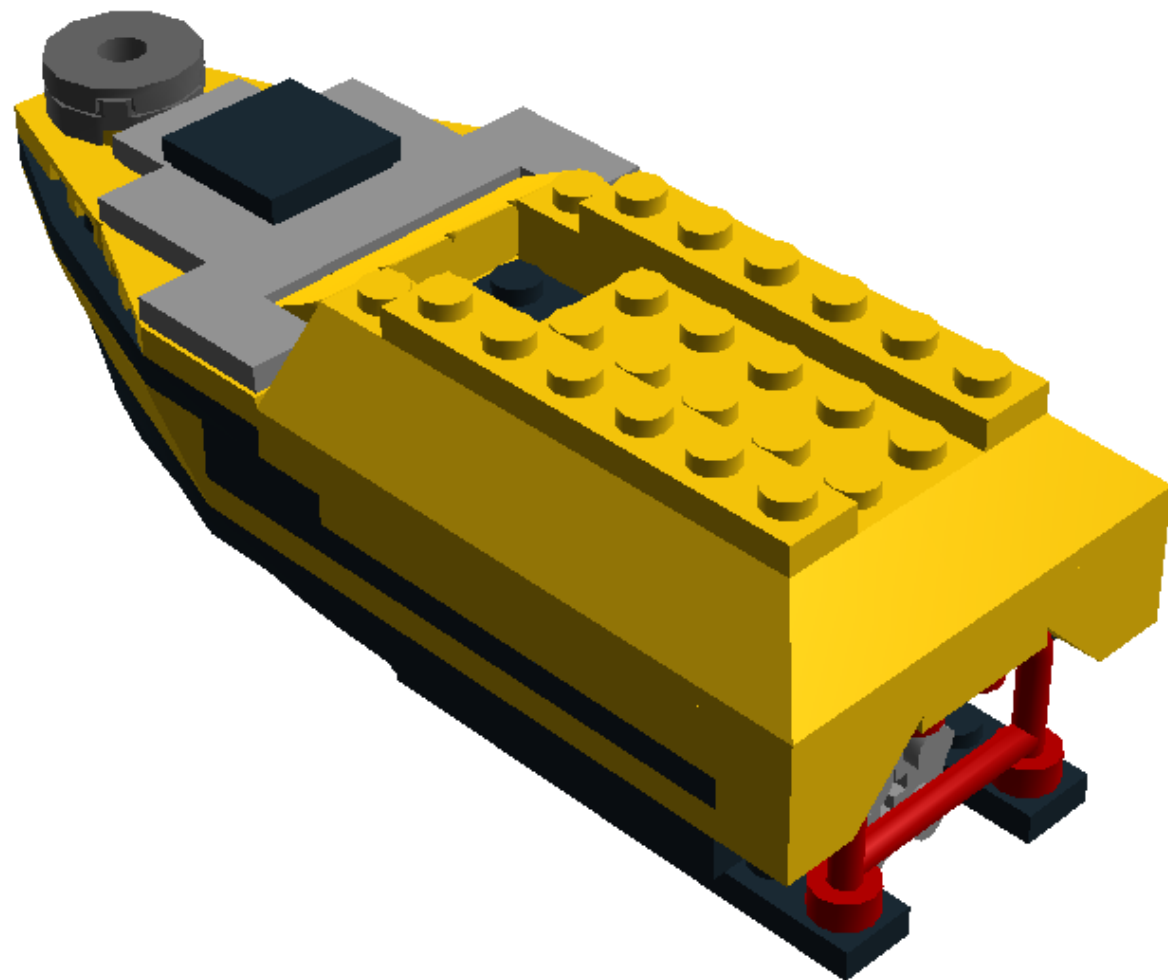


Step 25 of 36

2 x



2 x



Step 26 of 36

1 x



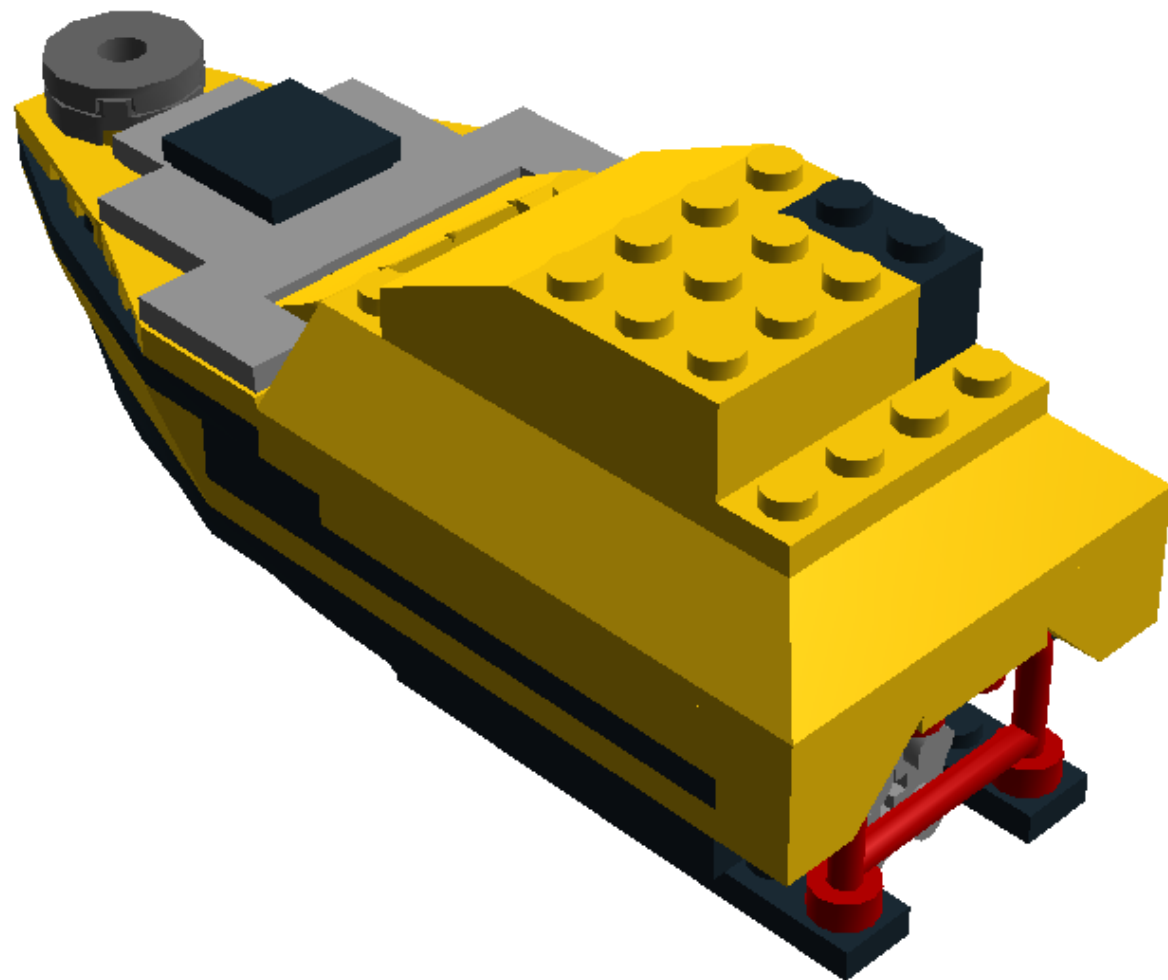
1 x



1 x



1 x

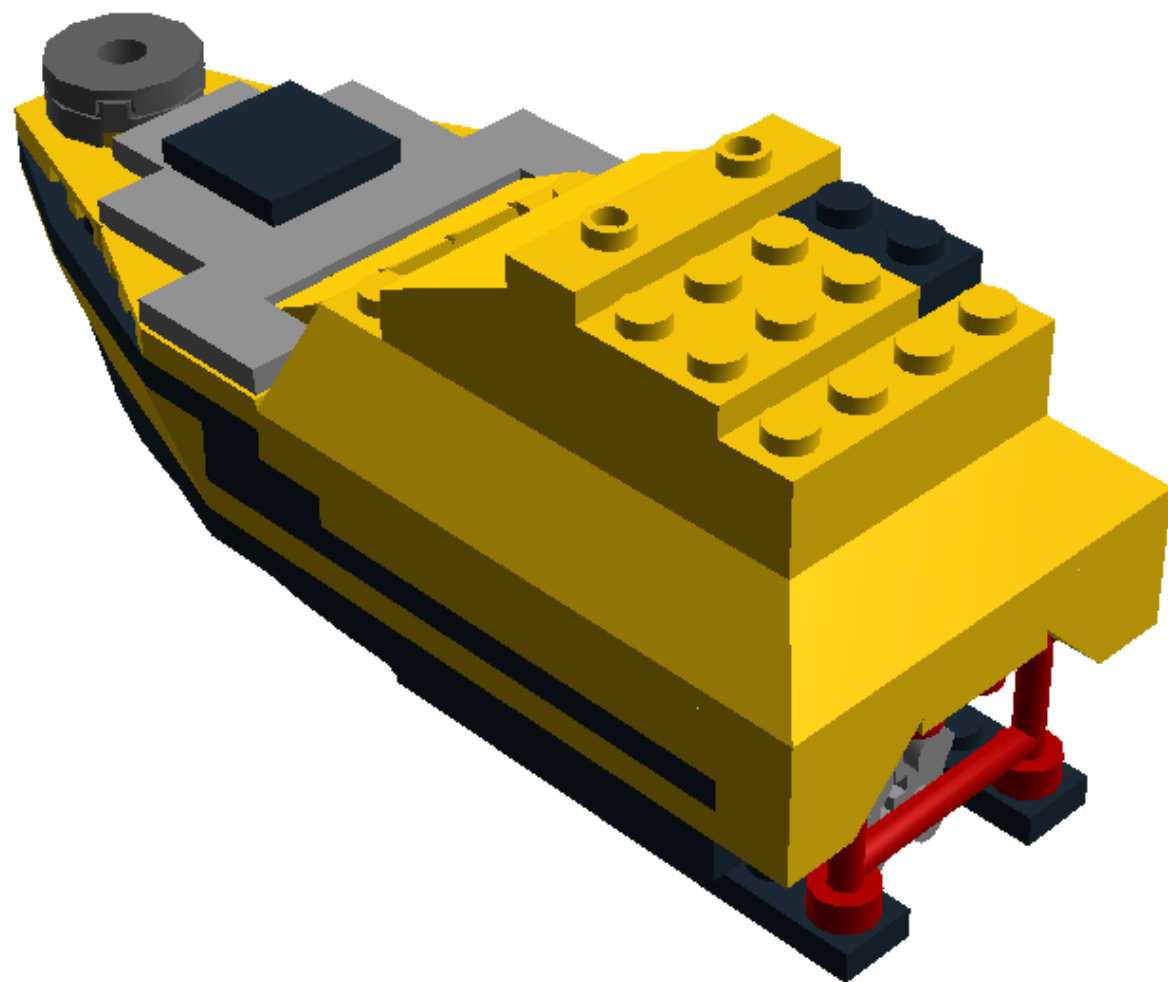


Step 27 of 36

2 x



2 x



Step 28 of 36

1 x



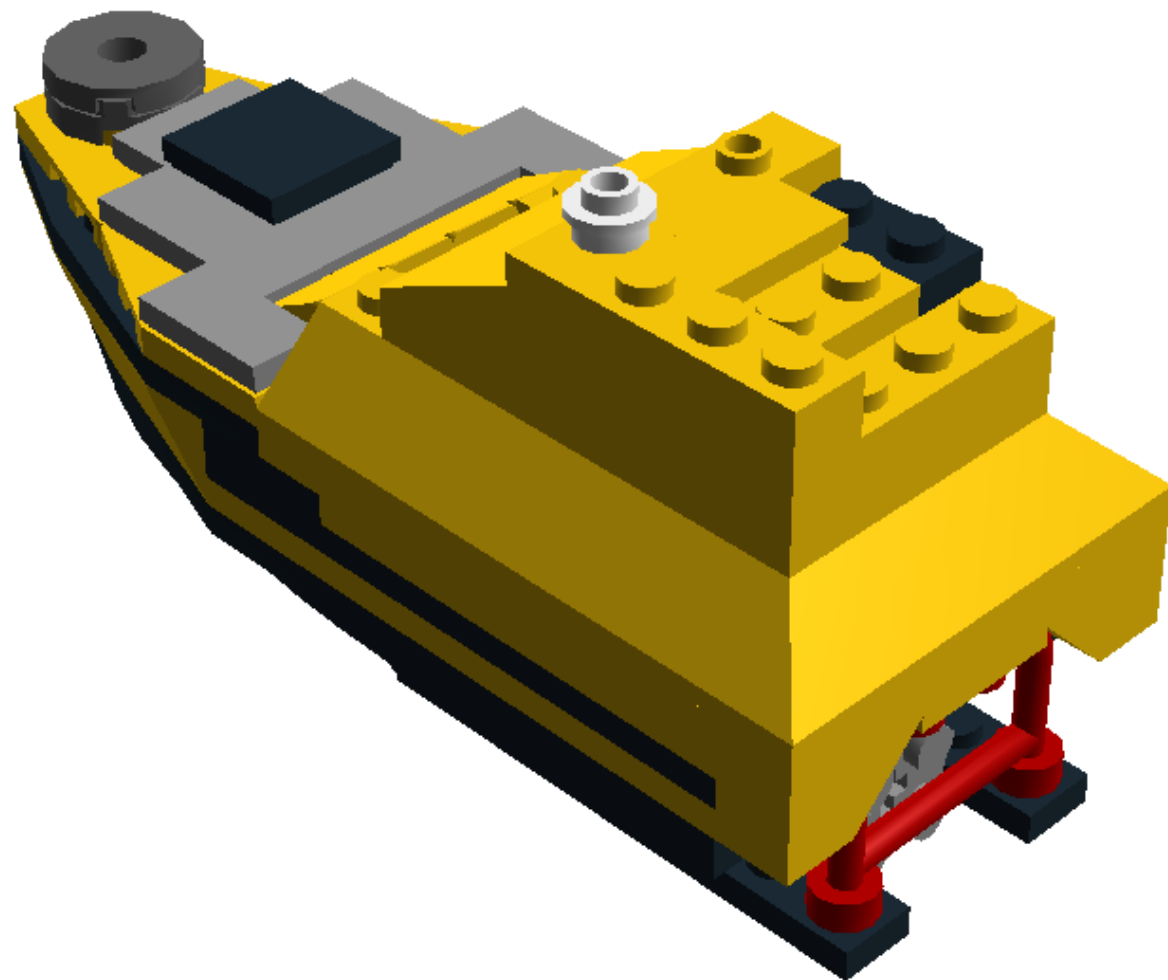
1 x



1 x



1 x



Step 29 of 36

1 x



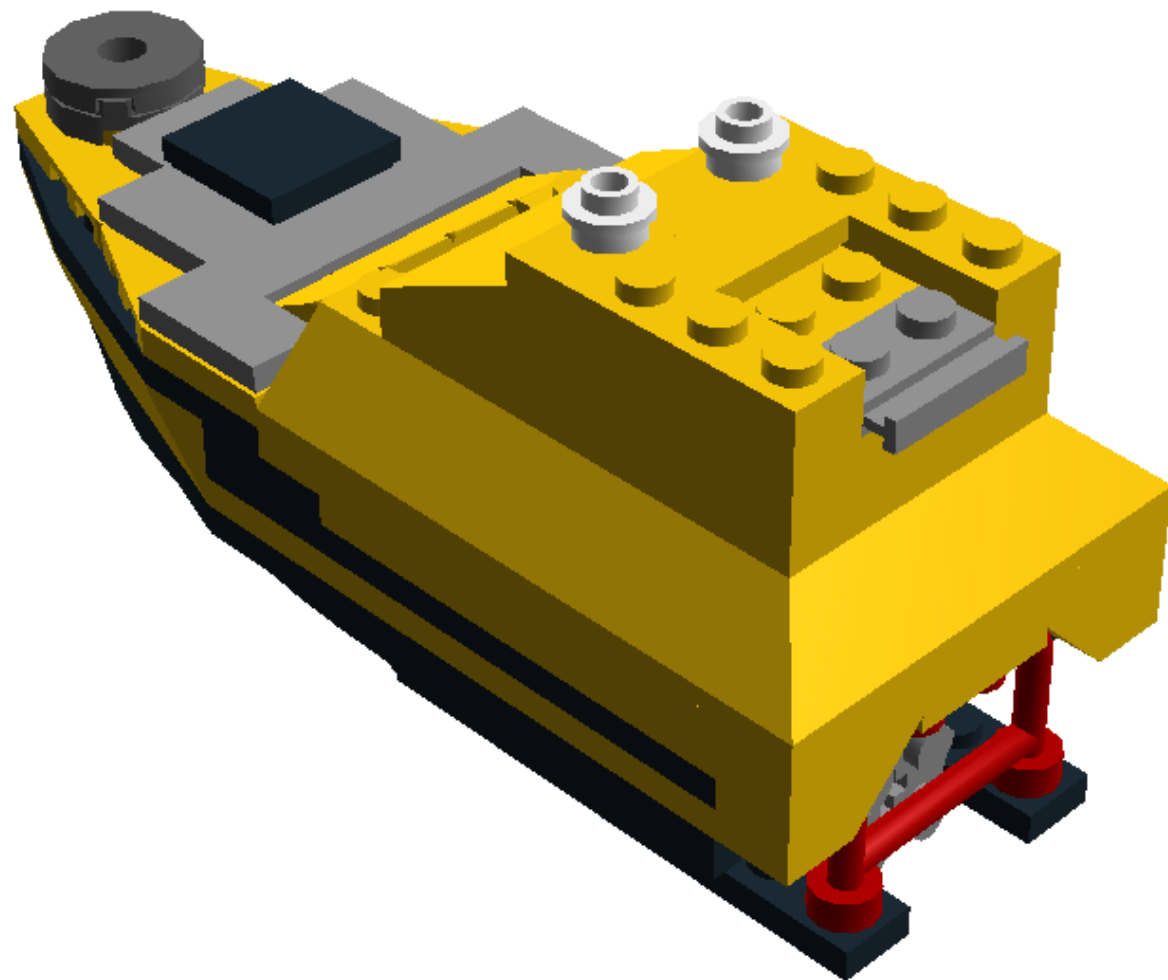
1 x



1 x



1 x

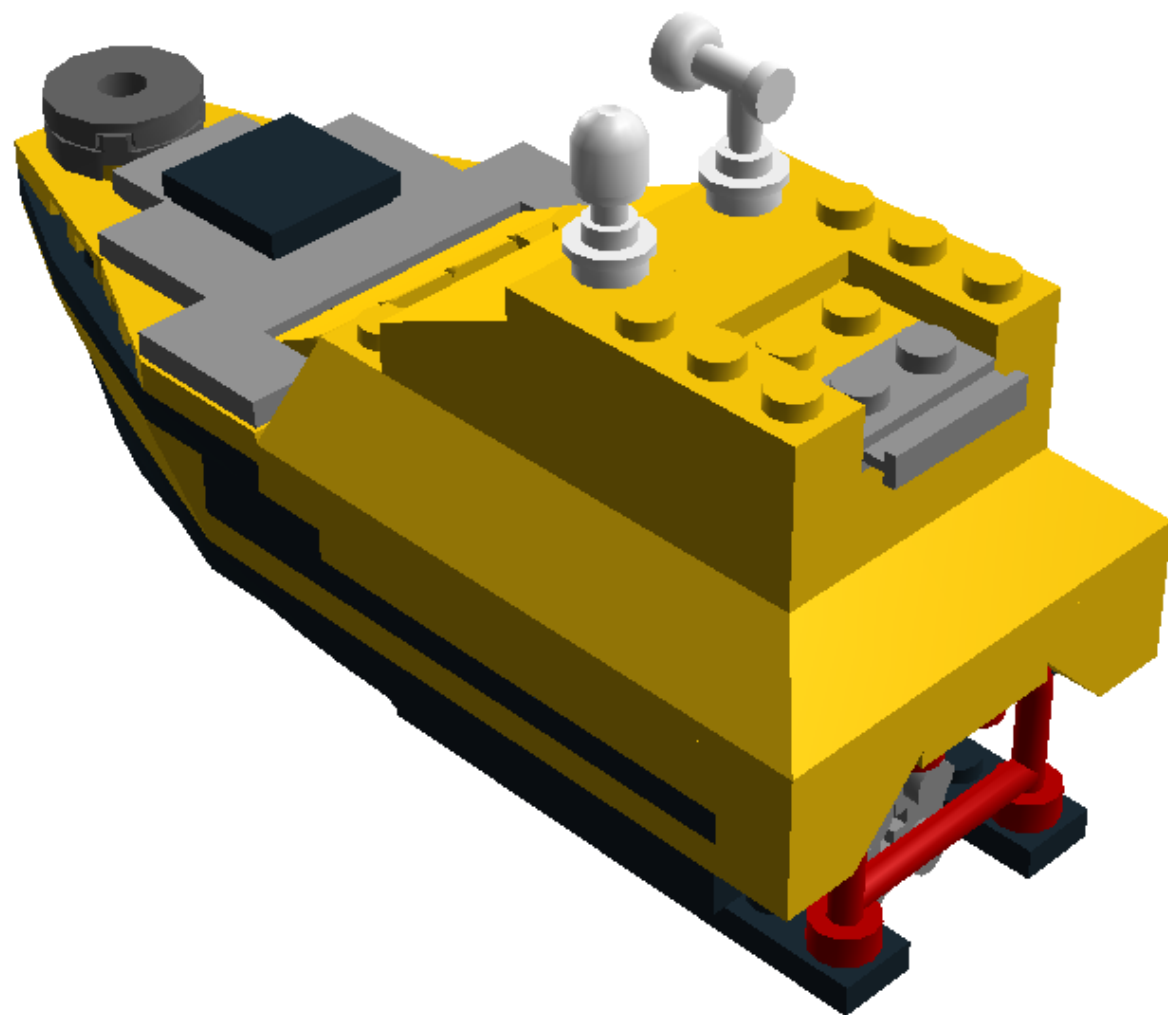


Step 30 of 36

1 x



1 x



Step 31 of 36

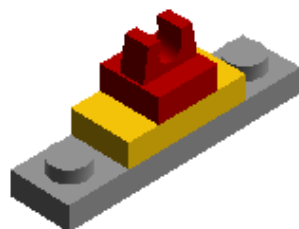
1 x



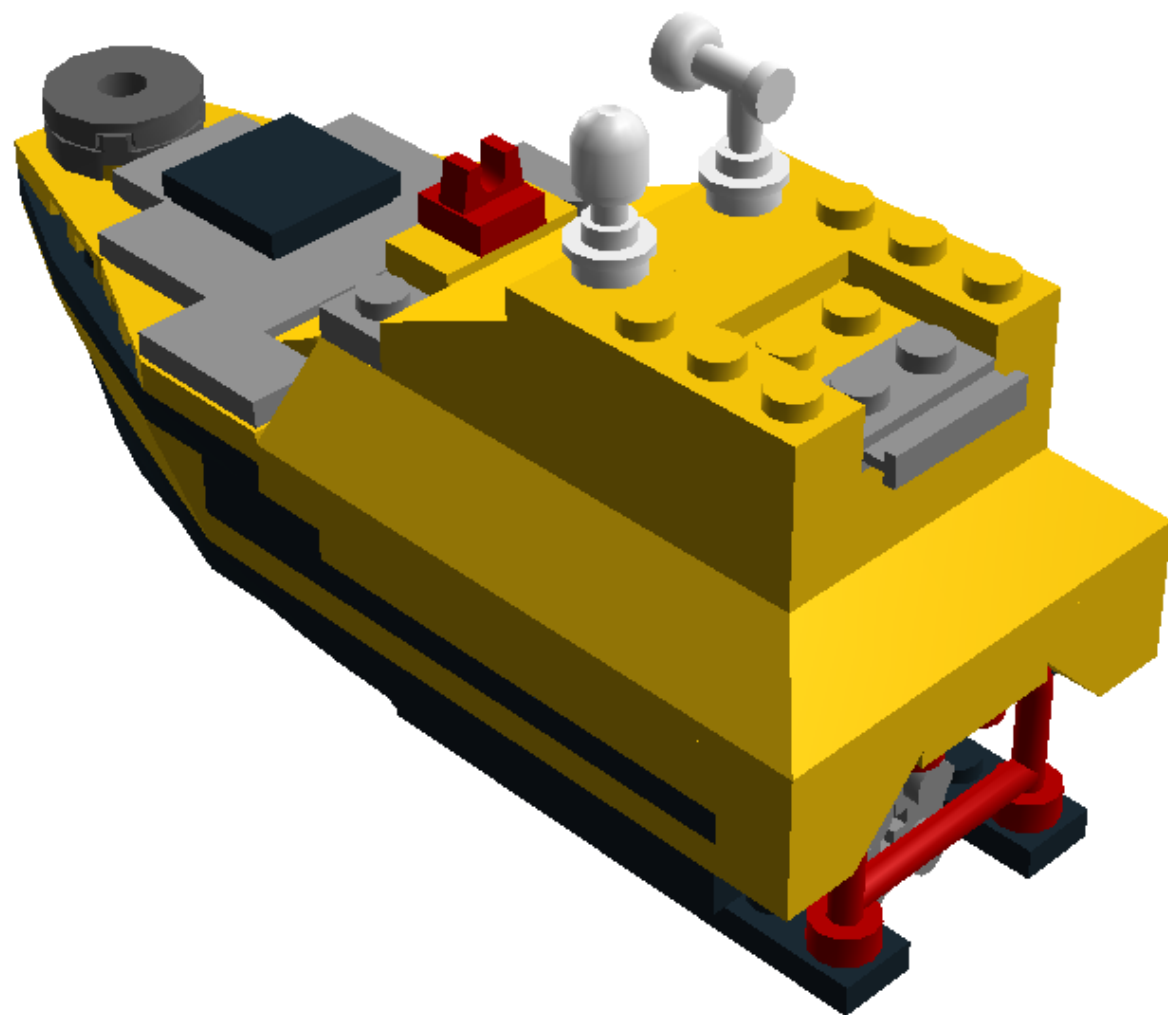
1 x



1 x





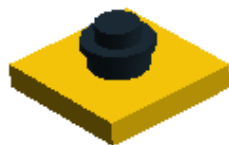


Step 33 of 36

1 x



1 x



Step 34 of 36

1 x



1 x



1 x



Step 35 of 36

1 x

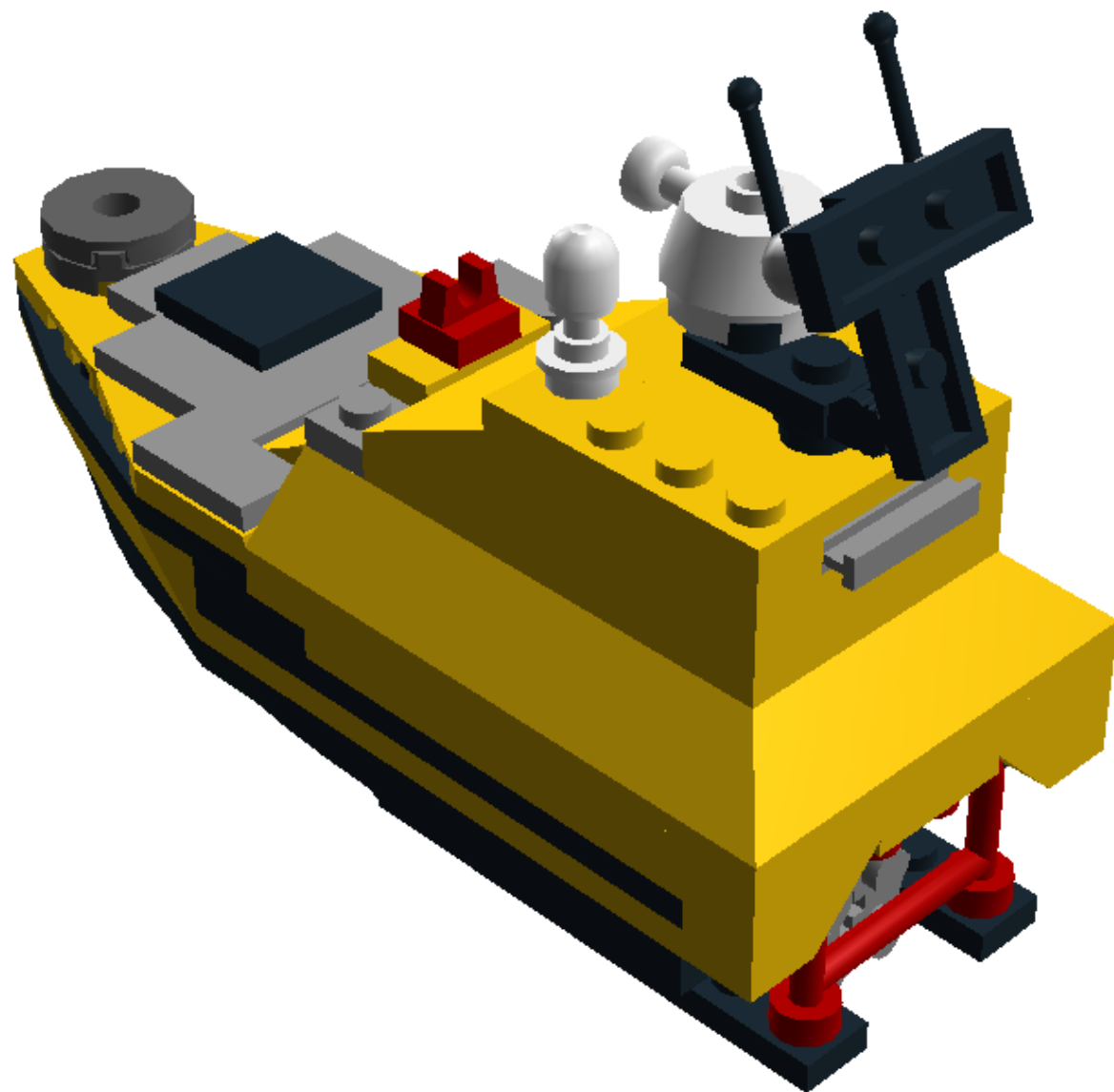



1 x





2 x






1 x  300426 BRICK 1X2 - Black

1 x  300224 BRICK 2X3 - Bright Yellow

2 x  300124 BRICK 2X4 - Bright Yellow


1 x  4649167 2X2 ROUND,SLOPE BRICK W. KNOB - White


1 x  6015344 BRICK 1X2 W. 2 KNOBS - Medium Stone Grey


4 x  4283095 ROOF TILE 1X1X2/3, PC - Bright Yellow

2 x  366524 ROOF TILE 1X2 INV. - Bright Yellow

7 x  303924 ROOF TILE 2X2/45° - Bright Yellow

2 x  304524 CORNER BRICK 2X2/45° OUTSIDE - Bright Yellow

2 x  367626 ROOF TILE CORN. INVERT.2X2/45° - Black

1 x  4260862 INVERTED ROOF TILE 6X1X1 - Black


1 x  329724 ROOF TILE 3X4/25° - Bright Yellow


2 x  302424 PLATE 1X1 - Bright Yellow


7 x  4211414 FLAT TILE 1X2 - Medium Stone Grey

1 x  306924 FLAT TILE 1X2 - Bright Yellow


1 x  302324 PLATE 1X2 - Bright Yellow


3 x  379424 PLATE 1X2 W. 1 KNOB - Bright Yellow

1 x  306826 FLAT TILE 2X2 - Black

1 x  362326 PLATE 1X3 - Black


2 x  362324 PLATE 1X3 - Bright Yellow

3 x  302226 PLATE 2X2 - Black

1 x  4211094 PLATE 2X2 - Dark Stone Grey


1 x  4211397 PLATE 2X2 - Medium Stone Grey

3 x  302224 PLATE 2X2 - Bright Yellow


3 x  371026 PLATE 1X4 - Black


1 x  4211445 PLATE 1X4 - Medium Stone Grey


2 x  371024 PLATE 1X4 - Bright Yellow


1 x  4565386 PLATE 2X2 W 1 KNOB - Bright Yellow


1 x  302124 PLATE 2X3 - Bright Yellow


2 x  366626 PLATE 1X6 - Black

4 x  366624 PLATE 1X6 - Bright Yellow

1 x  302026 PLATE 2X4 - Black


2 x  346026 PLATE 1X8 - Black

2 x  346024 PLATE 1X8 - Bright Yellow

1 x  379526 PLATE 2X6 - Black


2 x  379524 PLATE 2X6 - Bright Yellow

2 x  303424 PLATE 2X8 - Bright Yellow

1 x  303226 PLATE 4X6 - Black


1 x  395824 PLATE 6X6 - Bright Yellow

2 x  614126 PLATE 1X1 ROUND - Black


2 x  4547649 PL.ROUND 1X1 W. THROUGHG. HOLE - White


1 x  403226 PLATE 2X2 ROUND - Black


1 x  4211042 PLATE 2X2 ROUND - Dark Stone Grey


1 x  4211475 PLATE 2X2 ROUND - Medium Stone Grey


1 x  6055313 FLAT TILE 2x2 ROUND W. HOLE Ø4.85 - Dark Stone Grey

1 x  4531412 PLATE 2X4X18° - Black

1 x  4649050 PLATE 3X4 W/ANGLES - Bright Yellow


1 x  4141035 PLATE 4X6 26 DEGREES - Bright Yellow


2 x  262526 STEM PLATE 7X6 - Black

1 x  4114518 STEM BRICK 6X6 - Bright Yellow


1 x  255521 PLATE 1X1 W. UP RIGHT HOLDER - Bright Red


1 x  4183060 PLATE 1X2 W/FORK/VERTICAL/END - Black


1 x  4211568 PLATE 1X2 WITH SLIDE - Medium Stone Grey


1 x  4183028 PLATE 1X3 W/STUB/ALONG/U.P. - Black

2 x  4221775 MINI ANTENNA - Black, Medium Stone Grey

1 x  459901 TAP Ø4.9/6.4 - White

1 x  408321 HANGER 1X4X2 W. 2 CORED KNOBS - Bright Red

1 x  4603189 Inverted r.t. 6x10 w.doubl.bow - Black

1 x  4623199 GLOBE W. 3.2 STICK - White