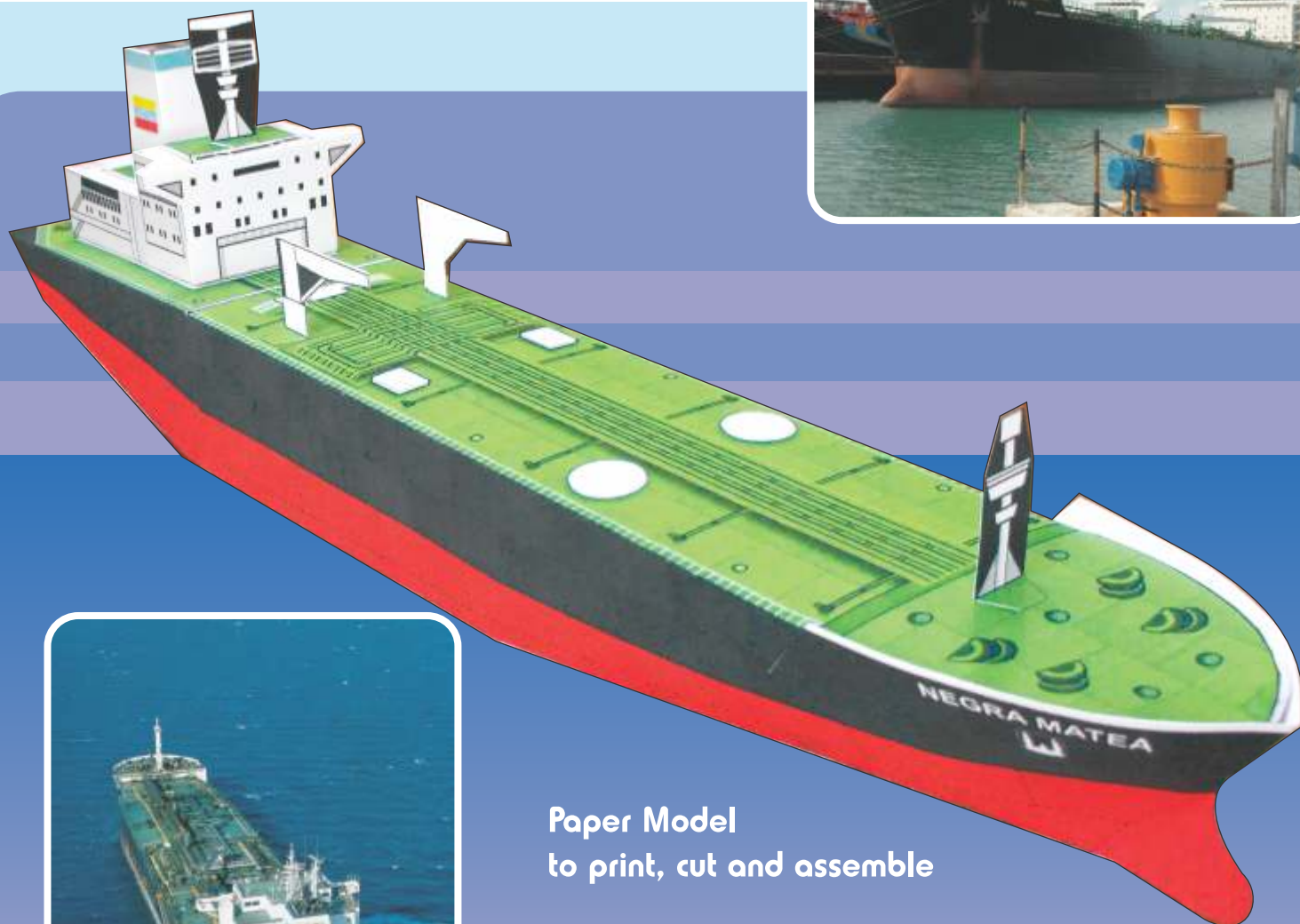


# ⑤ The Oil Tanker



Paper Model  
to print, cut and assemble

**We, at the People's Ministry of Petroleum and Mining and PDVSA, have undertaken the task of educating Venezuelans, aware of the reasonable and sovereign use of oil, convinced of its strategic value to fight poverty and join peoples.**

**We are positive that getting on the activities carried out by PDVSA to turn oil and gas into gasoline, computer items, toys and a wide array of useful goods will make us more careful and watchful of whatever is said and done in our oil industry.**

**For such purposes, we are handing in you the Series "Learning about oil," composed of simple, ready-to-assemble models of oil operations.**

**This time, we are providing you with The Oil Tanker. We are certain that as soon as you finish off, you will have discovered, along with us, one of the so many wonderful worlds of the oil industry.**

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### **How to use this material.**

- **Print the cover, the text information and the instructions to assemble the model, on bond paper.**
- **On a printer that accepts cardboard, print the parts of the model and its base. Use letter-size bristol cardboard.**

## THE OIL TANKER

It is a vessel designed for maritime transportation of oil and byproducts. Some are so huge, that their surface makes room for five football pitches, and as long as a 100-storeyed building. Every day, oil tankers ply the seas around the world, taking from one to another country, oil, diesel, gasoline, asphalt, gas, petrochemicals and other byproducts.

## HOW IS IT FRAMED?

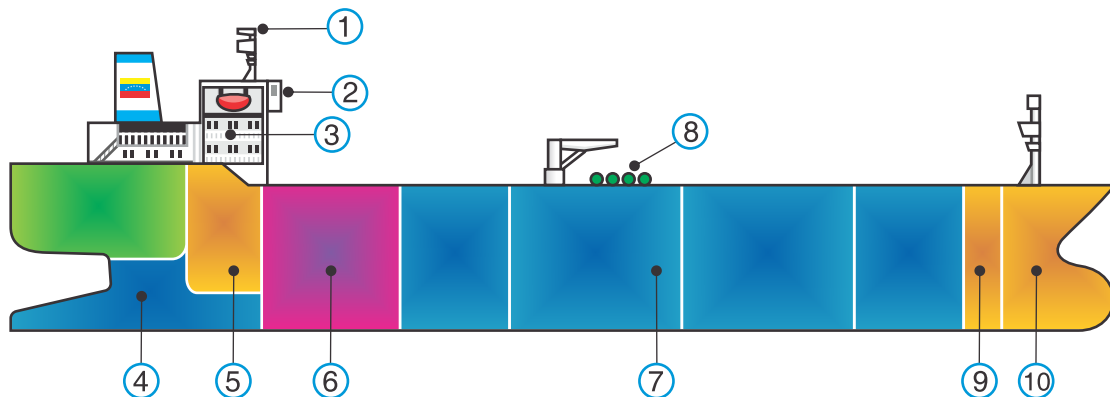
Inside the oil tanker there are several storage units called tanks, namely: slop tanks (crude oil, asphalt, naphtha); cargo tanks; ballast tanks, and oil fuel bunker tanks.



## WHO IS RESPONSIBLE FOR ITS MANAGEMENT?

PDV Marina is a PDVSA subsidiary responsible for distribution and maritime transportation of oil and byproducts. Honoring women's involvement in the fight for freedom, independence and sovereignty of Venezuela, four tankers were named after main figures in our history: Luisa Cáceres de Arismendi, Negra Hipólita, Negra Matea and Manuela Saénz.

### Oil tanker frame



- 1 RADAR.
- 2 BRIDGE.
- 3 ACCOMMODATION SPACES.
- 4 BOILER AND MACHINES.
- 5 FUEL OIL BUNKER TANKS.

- 6 SLOP TANKS.
- 7 CARGO TANKS.
- 8 HOSES FOR LOADING AND UNLOADING.
- 9 BALLAST TANKS.
- 10 BUNKER FUEL.

## HOW TO ASSEMBLE THE OIL TANKER



**DOTTED LINES**  
Show the area that needs to be **folded**.



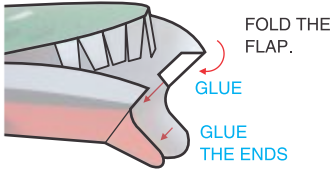
**SOLID LINES**  
Show the area that needs to be **cut out**.

- Before cutting the pieces out, go over all the fold lines with the tip of an exhausted ballpoint pen and a rule. This will help you fold the pieces.
- Cut out every piece; arrange them in your workplace in alphabetical order (each piece has an identity letter).
- Fold each piece.

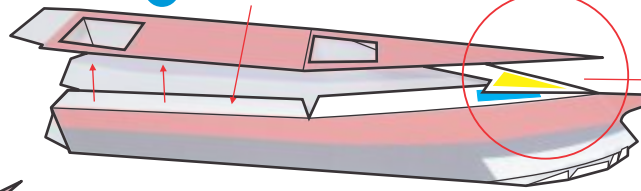
- Carefully read the directions before starting.
- Take your time to assemble each piece, following the steps.
- Once the model is over, glue it on its base; the base is overleaf.
- You can glue the base on a piece of cardboard, polyethylene, or MDF, of 23 x 30 cm to make it steadier.

### VESSEL BODY: BOW, "A" PIECE.

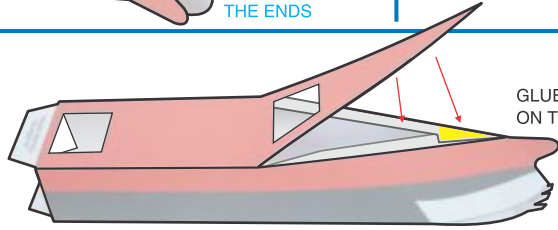
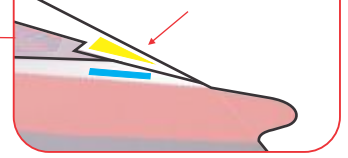
**1** GLUE THE TIP OF THE PIECE.



**2** GLUE THIS FLAP.

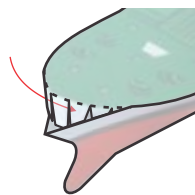


**3** GLUE THE FLAP WITH THE YELLOW MARK ON THE BLUE MARK.



**4** GLUE THE BASE ON THE FLAPS.

**5** FOLD THE FLAPS AND GLUE THEM INSIDE THE TIP OF THE PIECE.



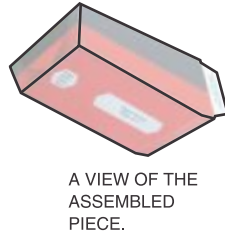
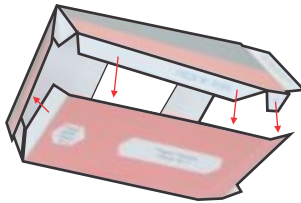
**6** "A-1" Piece. FOLD BOTH SIDES OF THE PIECE.



### VESSEL BODY: STERN, "B" PIECE.

**7**

FOLD AND GLUE THE FLAPS UNTIL ASSEMBLING THE PIECE.



**8** "B-1" Piece.

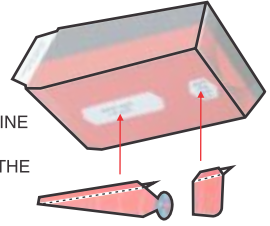
GLUE  
FOLD THE FLAPS OUTWARD.

**9** "B-2" Piece.

GLUE

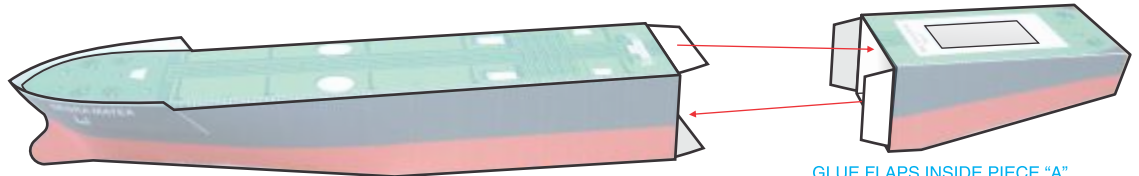
**10**

GLUE THE ENGINE AND THE FLAP UNDERNEATH THE PIECE.



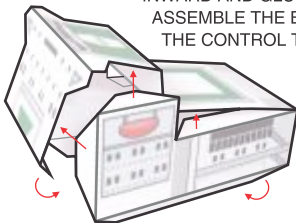
GLUE FLAPS INSIDE PIECE "B"

**11** ASSEMBLE THE TANKER BODY BY JOINING THE "A" AND "B" PIECES, THE BOW AND THE STERN.



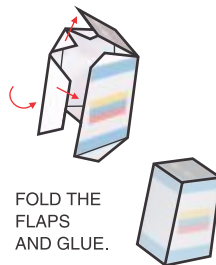
### 12 CONTROL TOWER. "C" PIECE.

FOLD THE FLAPS INWARD AND GLUE TO ASSEMBLE THE BASE OF THE CONTROL TOWER.

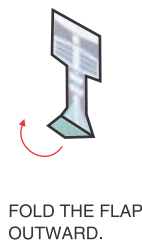


FOLD THE BASE FLAPS INWARD.

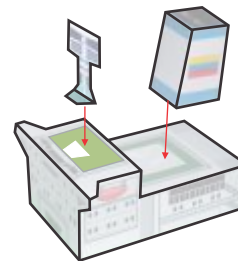
**13** "C-1" Piece.



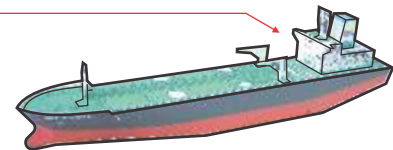
**14** "C-2" Piece.



**15** GLUE THE RADAR AND THE CHIMNEY ON THE MARKED SPOTS ON THE CONTROL TOWER.



GLUE THE CONTROL TOWER ON THE TANKER, ON THE MARKED SPOT.



**16** "D" Piece. TOWER.

FOLD THE FLAP OUTWARD.



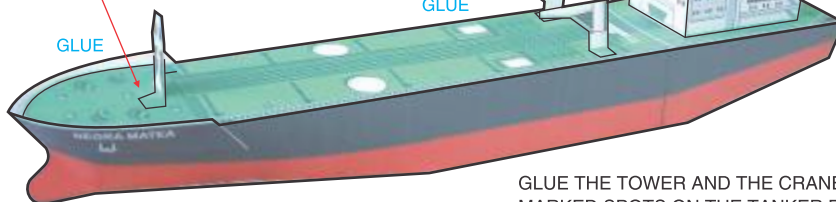
GLUE

**17** "E" Piece. CRANES.

FOLD THE FLAP OUTWARD.

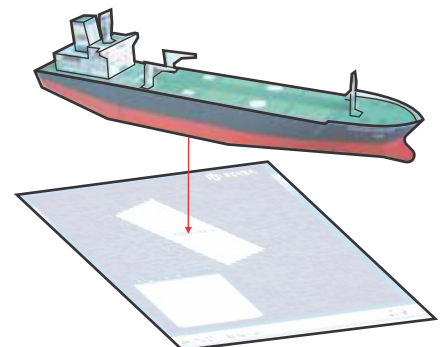


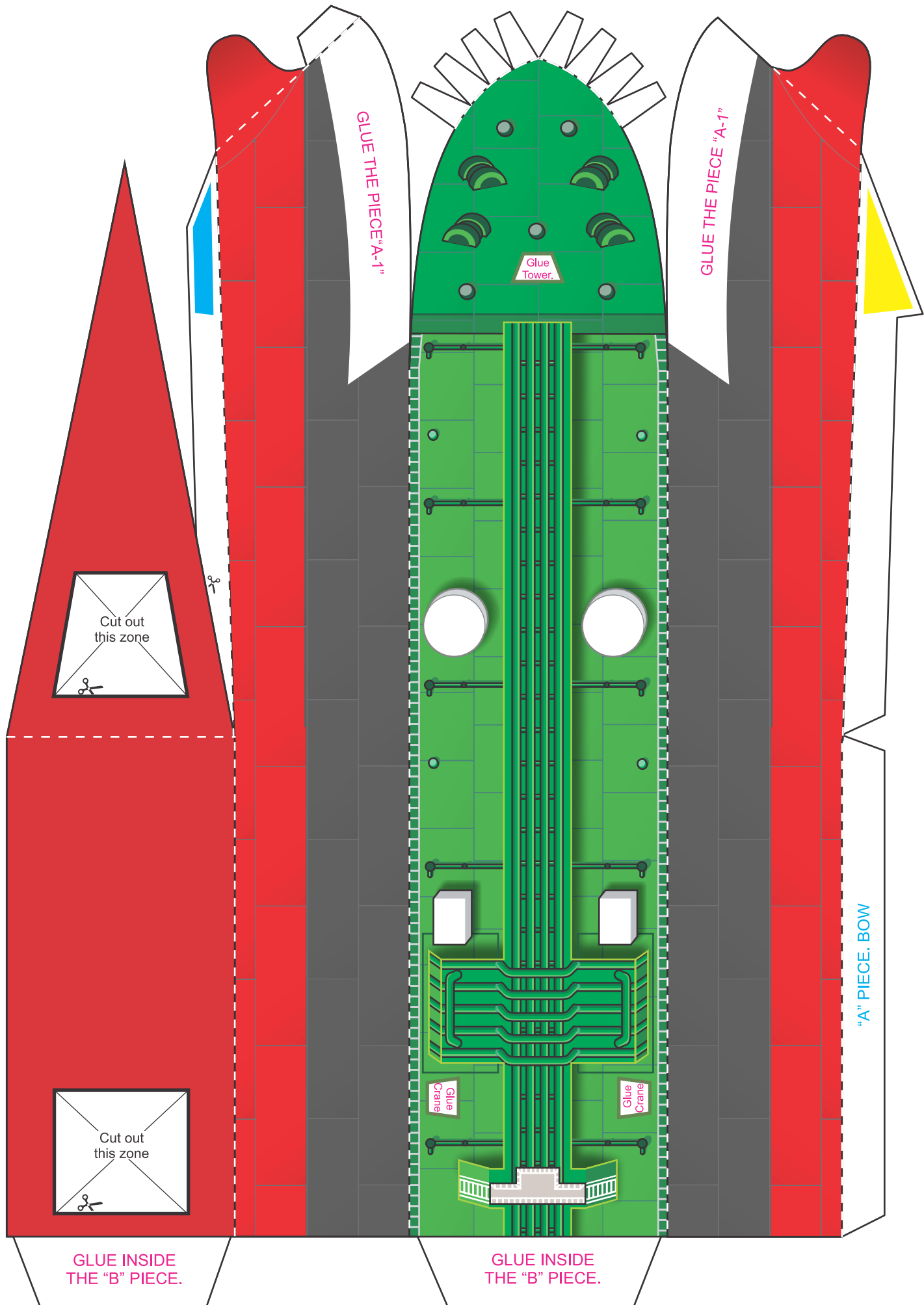
GLUE



GLUE THE TOWER AND THE CRANES ON THE MARKED SPOTS ON THE TANKER BOW, AS SHOWN IN THE IMAGE.

**18** GLUE THE MODEL ON ITS BASE. THE BASE IS OVERLEAF.





Cut out this zone

Cut out this zone

GLUE THE PIECE "A-1"

GLUE THE PIECE "A-1"

GLUE INSIDE THE "B" PIECE.

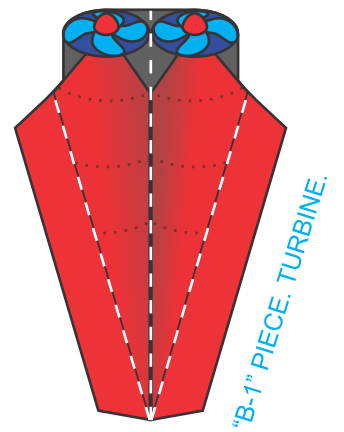
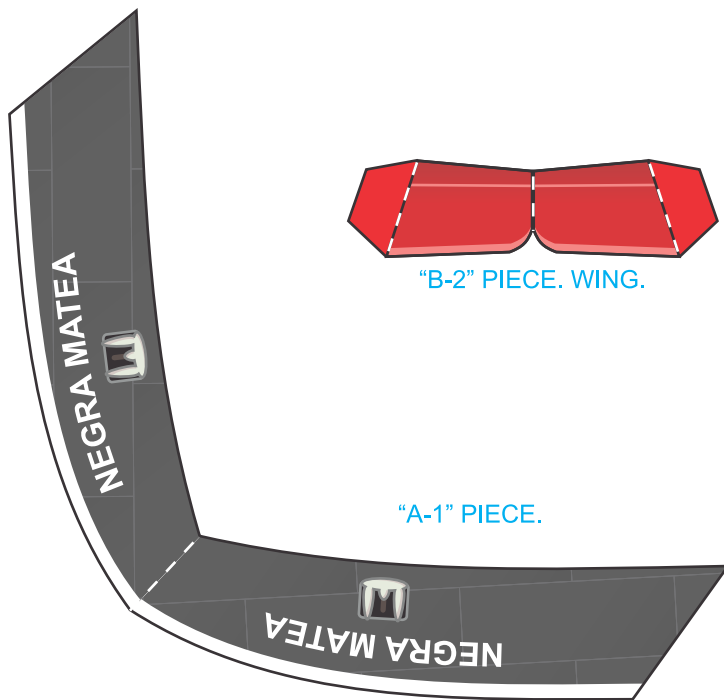
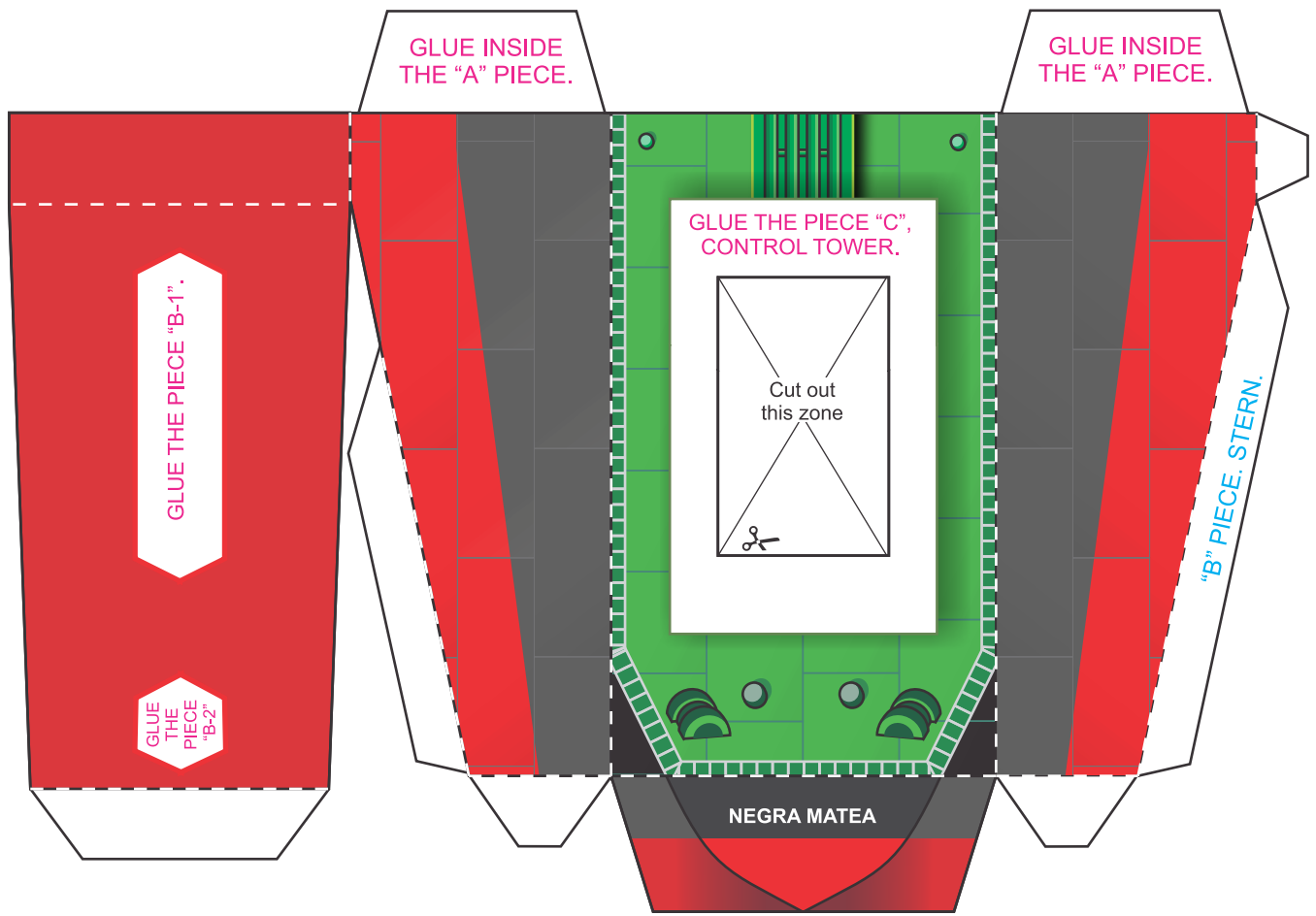
GLUE INSIDE THE "B" PIECE.

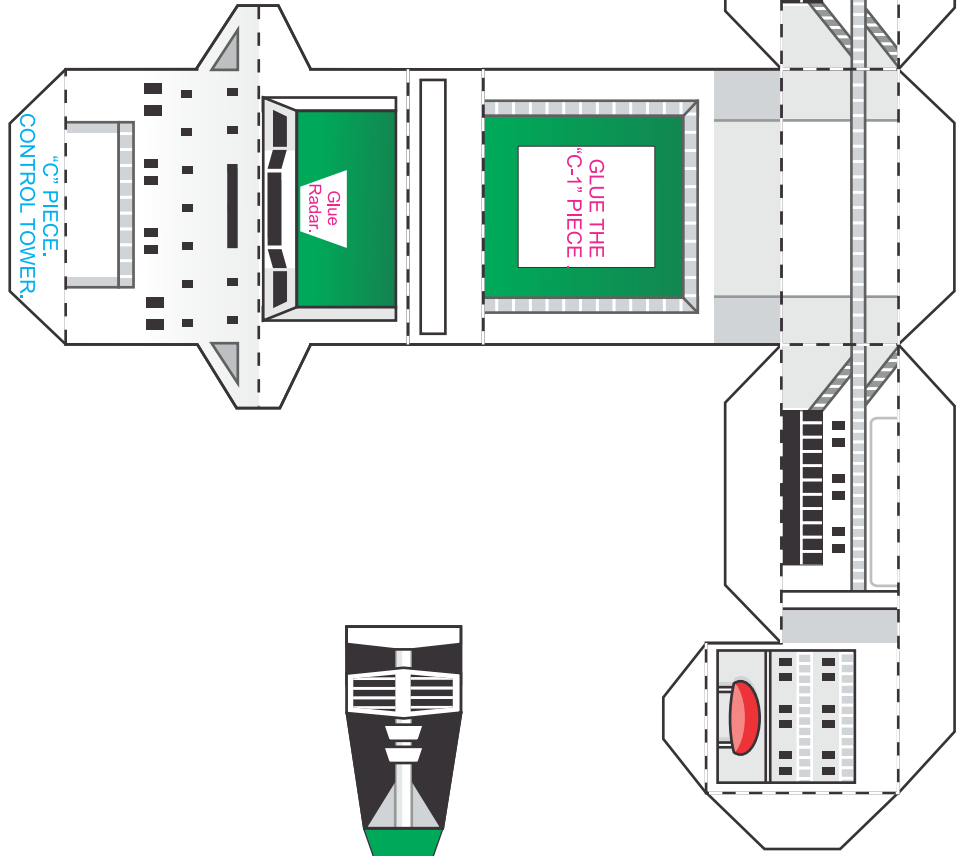
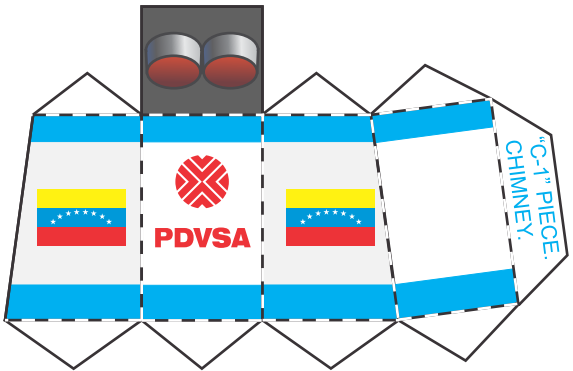
"A" PIECE. BOW

Glue Tower.

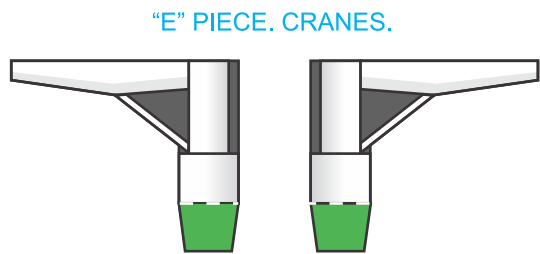
Glue Crane

Glue Crane





"C-2" PIECE.  
RADAR.



"D" PIECE.  
TOWER.

AREA TO PLACE  
THE THE OIL TANKER

## The Oil Tanker

It is a vessel designed for maritime transportation of oil and byproducts. Some are so huge, that their surface makes room for five football pitches, and as long as a 100-storeyed building. Every day, oil tankers ply the seas around the world, taking from one to another country, oil, diesel, gasoline, asphalt, gas, petrochemicals and other byproducts.