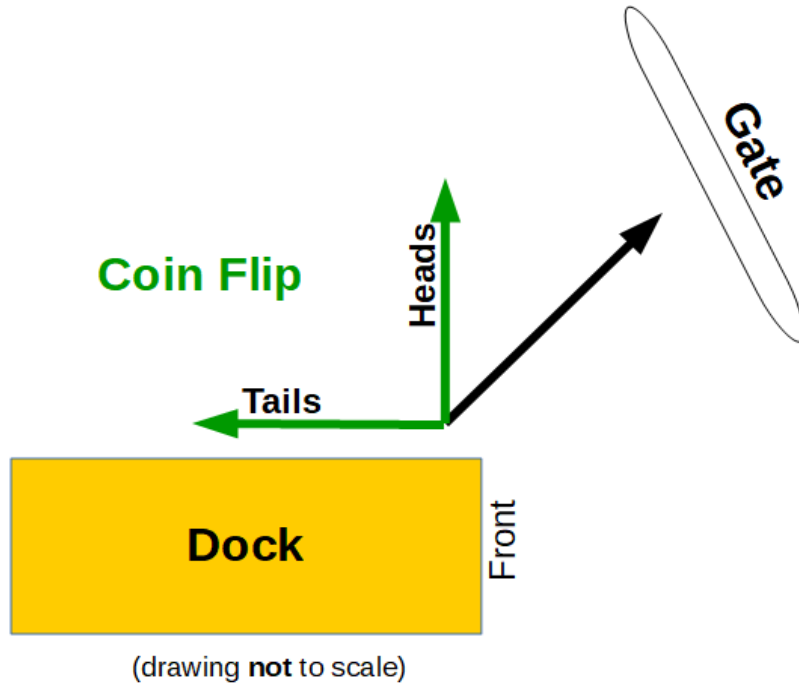


26th Annual
RoboSub 2023
Task Ideas

Whirlpool
X-treme



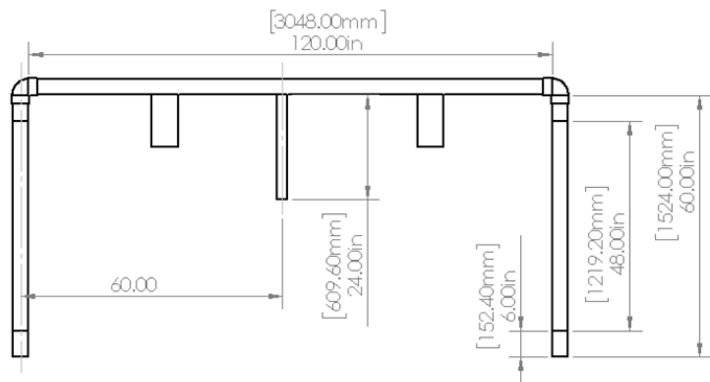
Oh for crying out loud | Coin Flip



- Random orientation
 - 90° or 180° from dock



Destination | Gate



Abydos



Earth

Choose your destination

- Abydos
- Earth

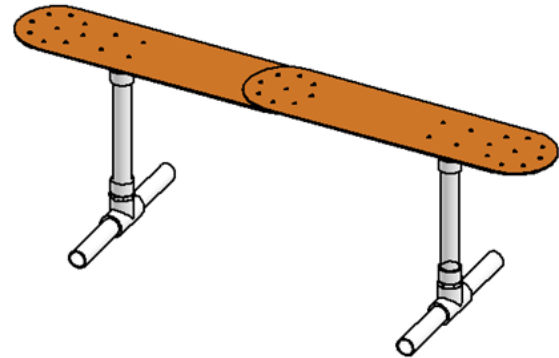
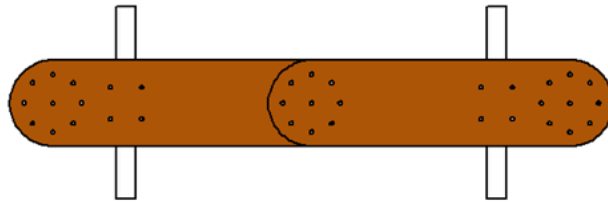
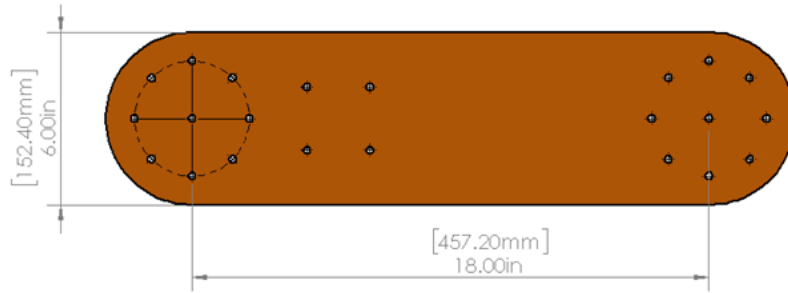
Extra points for staying with your destination for the remainder of the tasks

With Style

- 10 ft/3 m before/after gate
- Extra points
 - Every 90° change in orientation
 - Yaw: +100
 - Roll/Pitch: +200
 - Up to 800 points

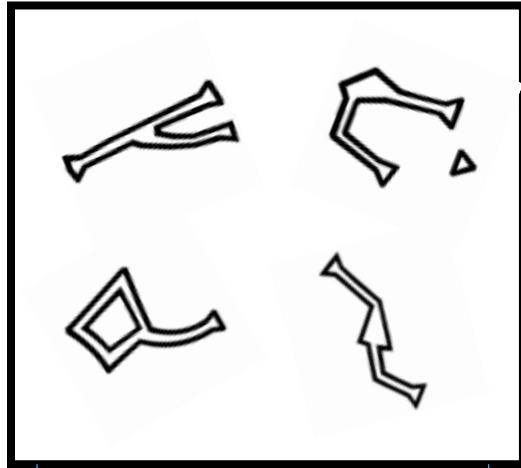


Path



Start Dialing | Buoy

🚤 Buoy is two sided

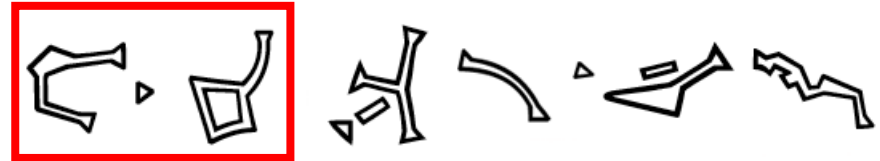


Floor

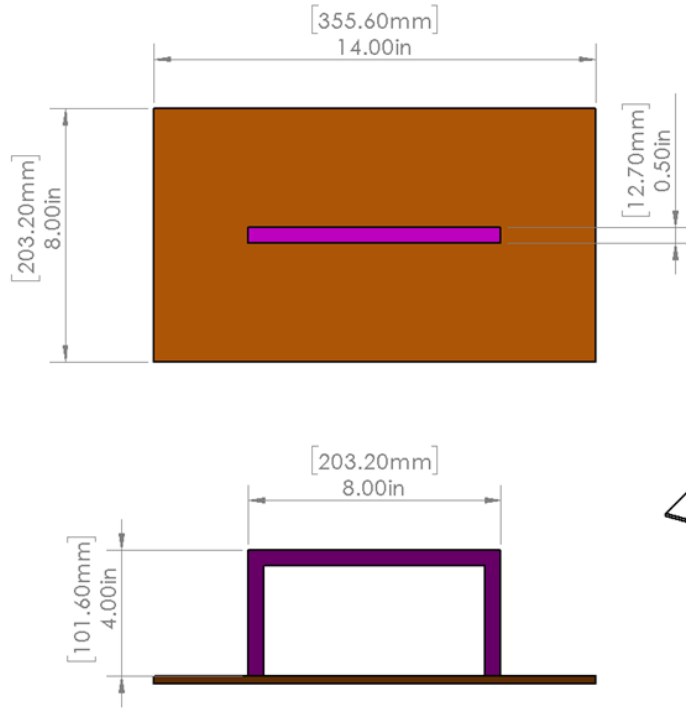
Abydos



Earth



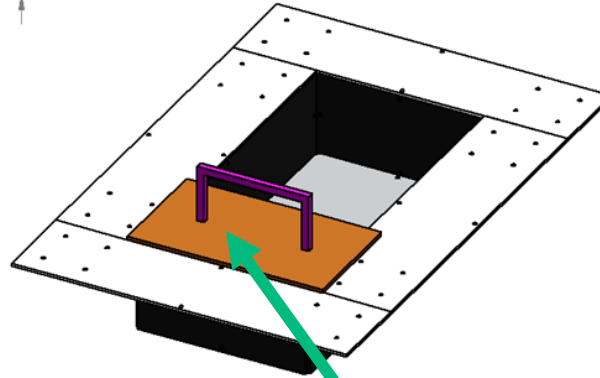
Location | Bins



🚢 1/3 of each bin is covered

- Lift off cover

🚢 Place marker in correct bin for your destination



Vote on the color of the cover and handle



Location | Bins



Abydos



Earth

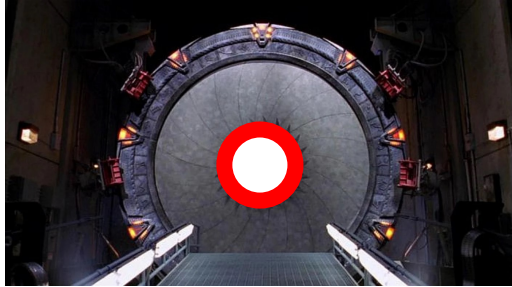
🚢 1/3 of each bin is covered

- Cover can be anywhere
- Lift off cover

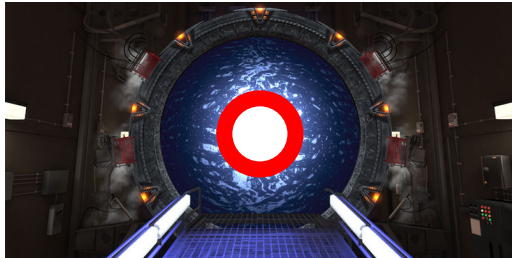
🚢 Place marker in correct bin for your destination



Goa'uld Attack | Torpedoes



Closed



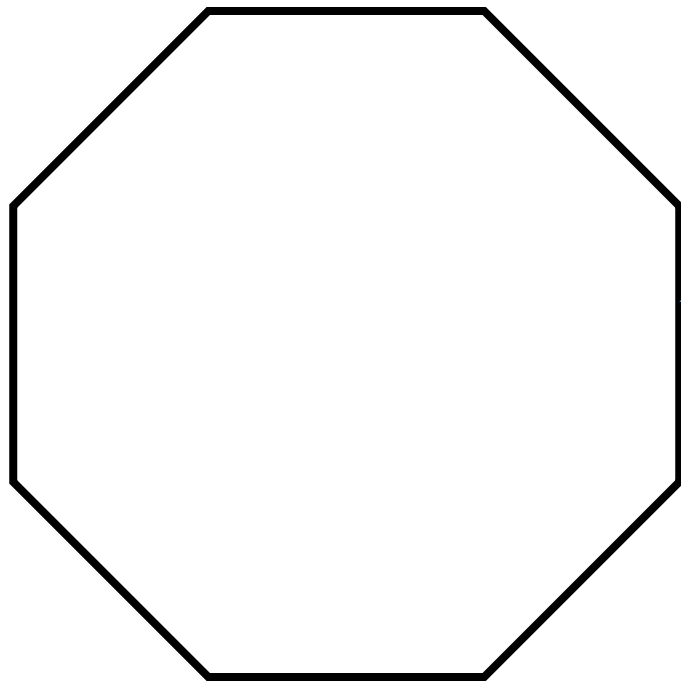
Open

🚢 The panel has two different openings

- Close the Iris to stop the attack.
- One torpedo through the open gate
- One torpedo through the closed iris



Engaging Chevrons | Octagon



- 🚤 “Ring” floating on the surface
- 🚤 4 “chevrons” in the center of the DHD.
 - Use the 4 to finish the dialing sequence
- 🚤 One Pinger located at the center of the octagon

Octagon

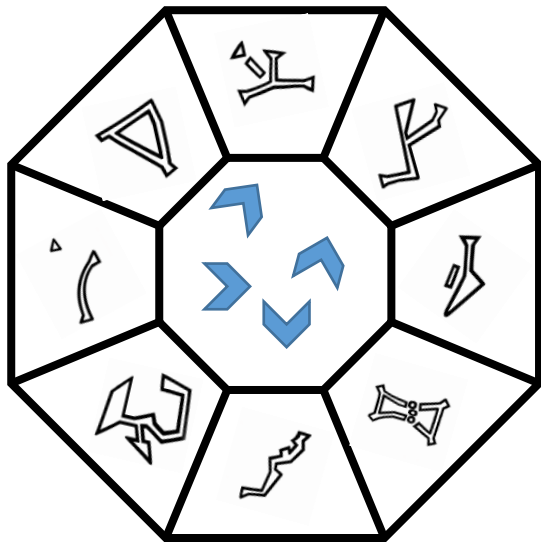


DHD



Floor





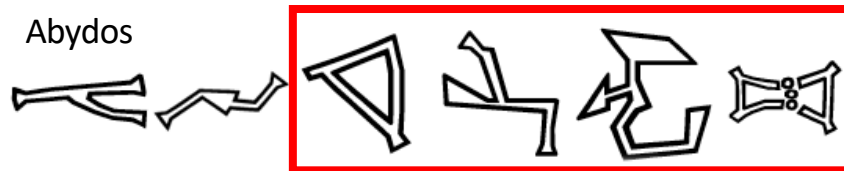
4 “chevrons” in the center.

- Place them in the correct bins to finish the sequence

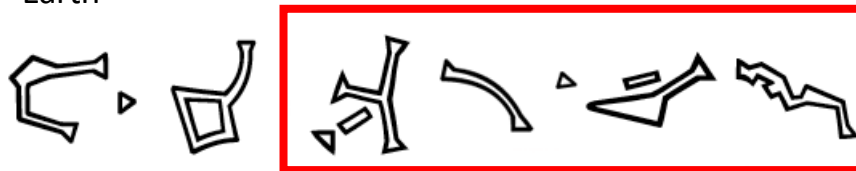


- Abydos
- Earth

Abydos



Earth



Finding the tasks

Path

- One from Gate to Start dialing (Buoy)

Pinger

- One located at the center of the octagon

Vote on the location of the second pinger

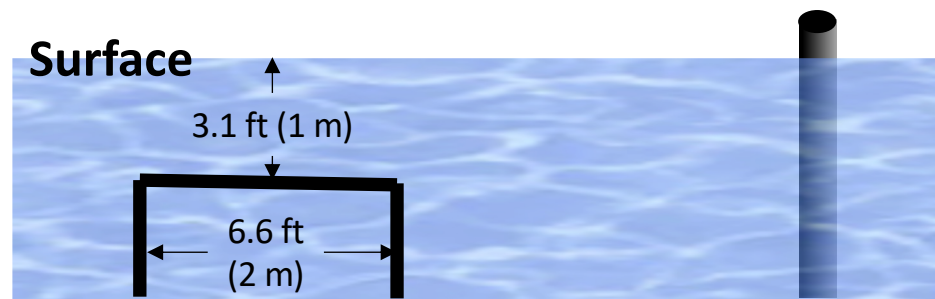
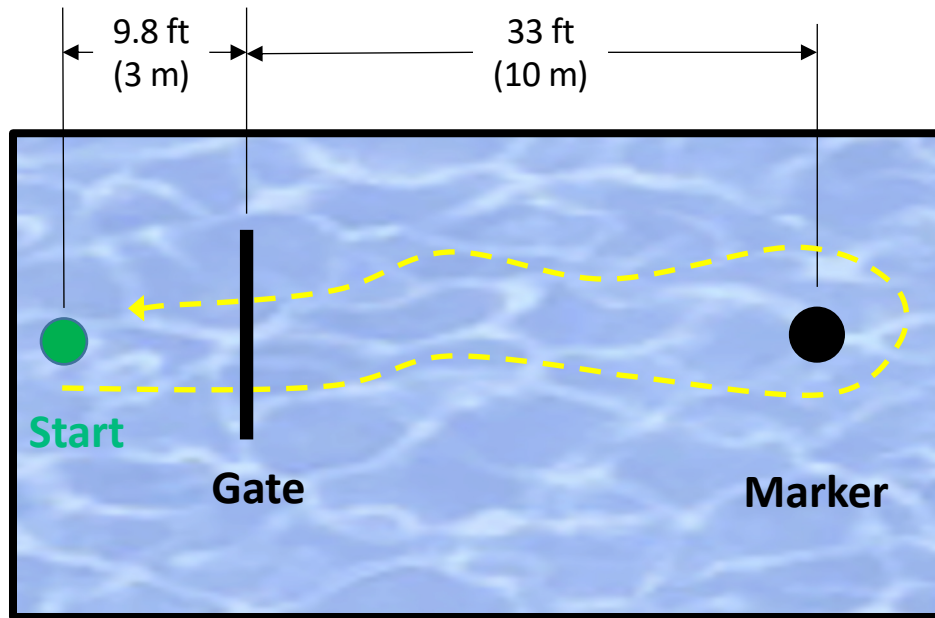
- Location (Bins)
- Goa'uld Attack (Torpedoes)

Second path will point toward the other task



Pre-qualification

- Optional
- Must be submitted before being on-site at competition
- Directions on how to do this will be available in the Team Handbook



(drawing **not** to scale)