

# 2022 SeaPerch Challenge ROV Compliance Checklist



Inspector's Name: \_\_\_\_\_ Initials: \_\_\_\_\_

Place team label here

No parts or attachments (except buoyancy material) may be removed or added after the compliance check but attachments may be repositioned.

Design must follow Competition Classes and Design Rules.

## Design compliance

### Stock and Open Classes

- Requires only one standard power source for propulsion. Battery limited to one 12VDC, 9Ah max battery no larger than standard SeaPerch battery.
- Uses no more than one additional external battery of 12VDC, 9Ah max no larger than standard SeaPerch battery for auxiliary equipment
- Uses only standard SeaPerch kit motors or exact replacement for propulsion

### Stock Class Specific

- Maximum of 3 standard motors for propulsion
- ROV meets maximum \$25 (value) budget limit for modifications

## Safety

- No exposed live wires on controllers, SeaPerch ROV or tether cable
- No sharp edges or potentially hazardous parts
- Motors are sealed (waterproofed)
- Power cable has insulated covers on alligator clips or terminals

## Construction

- No loose parts that could potentially fall off during competition
- Tether cable is secured to ROV

As team captain I agree to assure that the students will not make modifications to the ROV system after the compliance check.

Team Captain or Coach's Name: \_\_\_\_\_

Signature: \_\_\_\_\_