

ROV Compliance Checklist – Stock Class

2027 SeaPerch Seasonwww.seaperch.org

Inspector's Name: _____

Initials: _____

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.

Team #: _____

Team Name: _____

Class/Division: _____

Compliance Time: _____

Pool Check-In Time: _____

Design compliance

- ☐ 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 for auxiliary equipment. Not larger than 8" long x 4" wide x 7" high. 12 VDC maximum with a 12-amp hour maximum rating.
- ☐ Uses only standard SeaPerch kit motors or exact replacement for propulsion
- ☐ 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: _____