

Appendix C: ROV Compliance Checklist

2024 International SeaPerch Challenge

<https://seaperch.org/>

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 NUMBER <i>(if used)</i>	_____
TEAM	_____
ORG./SCHOOL	_____
CLASS/DIVISION	_____
JUDGE	_____

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/coach, I agree to assure that my team will not make modifications to the ROV system after the compliance check.

Team Captain or Coach's Name: _____

Signature: _____