DISTANCE TRAVELED: 2335 km - Buford GA → Longmont CO
COMPANY HISTORY: Founded: 2020, Regional Engineering Award: 2021, World Championship Qualification: 2022
COMPANY MEMBERS: 9th-11th Grade

- **Makenna Reilly**: CEO, CFO, Lead Mechanical Engineer, Lead Electrical Engineer, Lead Programmer
- **Violet Brockmann**: Lead Manufacturer, Lead Tether Manager, Mechanical Engineer
- **Eliss Palacios**: Lead Prop Manager, Mechanical Engineer, Pilot
- **Sarah Redstrom**: Lead Graphic Designer, Mechanical Engineer, Assistant Tether Manager
- **Ciana Lee**: Programmer, Mechanical Engineer, Copilot
- **Dr. Mick West**: Mentor
- **Michael Reilly**: Mentor

From left to right: Makenna, Ciana, Sarah, Eliss, Violet

**ROV SPECIFICATIONS**

- **ROV NAME**: LegenDairy Cow
- **ROV COST**: ~$2,900
- **WEIGHT**: 8.2 kg without tools, 9.6 kg with tools
- **SIZE**: 25 cm x 39 cm x 52 cm
- **TOTAL STUDENT HOURS**: 1,000+
- **SAFETY FEATURES**: topside control box acrylic cover, one shutoff switch, smoothed edges on frame, thruster guards, pressure relief valve, pressure regulator
- **SPECIAL FEATURES**: pitching camera, pneumatic claw, vectored thrusters, side-mounted manipulators, photogrammetry capabilities