



# Company Specs:



**Company and school:** Sea Storm, Stansbury High School

**Home state:** Utah, United States

**Distance required to travel to the international competition:** 1,900 miles to Kingsport Tennessee

**History of MATE ROV competition participation:** No Previous experience

**Mentor:** Mrs. Grossman



(From left to right, then bottom)

**Hannah Bastow (10th grade):**

Safety manager

**Ailsa Mensinger (10th grade):**

grade):

Team resource investigator

**Bella Colovich (10th grade):**

Head document editor/creator

**Emma Wilson (10th grade):**

Safety manager, structural engineer

**Kendrik Craig (11th grade):**

Secondary pilot, structural engineer

**Autumn Zierenberg (10th grade):**

grade):

CFO

**Gavin Norman (10th grade):**

Electrical engineer, Pilot

**Tan Sungkhapong (12th grade):**

CEO

**Dyson Smith (9th grade):**

Second electrical engineer

## ROV Specs:

**ROV name:** Cheese Bag.

**Total cost:** About 376\$.

**Size and weight measurements:** 10 kg, 71 cm diameter.

**Total student-hours to design and build:** 472 Hours.

**Safety features:**

- Wire mesh to shroud propellers
- parachute cord for tether strain relief
- every sharp piece has been hot glued
- every connection is waterproof.

**Special features:**

- non-programed
- Simple design
- variable weighting for buoyancy
- variable cup drop hold strength.

