Sea-Tech 4H Club’s Team Orca from Mt Vernon Washington
Traveled 2600 miles to the competition
This is Team Orca’s second time competing at the Regional MATE ROV
Competition and first time competing at the International MATE ROV Competition

(From left) William Babcock (Manipulator operator), Michael Janicki (Pilot),
Sierra McNeil (Team captain), Madeline Anderson (Mission specialist), and
Michael Thomas (Tether tender)
Seventh to Ninth grade

ROV Orca
Total cost (of improvements): $398.57
Donations: $119
Primary building materials: PVC pipe and Aluminum plate
Approximate dimensions: 1.42 meters long, 71.1 centimeters wide and 33 centimeters high
Weight: 40 kilograms
Safety features: Motor shrouds, twenty-five amp fuses and a control power switch on the
control box for when working with the motors
Special features: Four reversible thrusters, two wide-angle cameras, a three-axis arm, a
thermocouple and a hydrophone