Heritage Collegiate TEAM SPECS

School name: Heritage Collegiate
Home state: Newfoundland and Labrador
Distance traveled to the international competition: 9305 km
First-time MATE ROV competition participant?: Heritage Collegiate has participated in five Regional MATE ROV Competitions and this is our fifth International MATE ROV Competition.
Range of grade levels represented by your team: Grades 11 and 12

Team photo and caption indicating team member name and role:

Co-pilot: Dillon Harris; Pilot: Jonathon Young
Technician: Jordan Harris; Electrician: Sherrell Penney
Research: Katie Strong; Graphic Design: Andrea Matthews; Project Coordinator: Jodine Chaulk
Fundraising Coordinator: Vanessa Skiffington; Safety Coordinator: Deanna Skiffington; Science Coordinator: Olivia Brown
Heritage Collegiate: ROV SPECS

ROV name if applicable: Alignak

Total cost: See table →

Primary material(s): Polycarbonate Fiber (Lexan)

Approximate dimensions: 0.40m x 0.20m x 0.30m

Total weight in AIR in kg: 5 kg

Safety features: 27 Point Safety Checklist!! Ask us about it!!

Special features: Homemade Piezo Crystal Hydrophone!
Grub Vac
Pneumatic ‘Ager Sucker’

Photo of the vehicle:

<table>
<thead>
<tr>
<th>Construction of Alignak</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ticket Sales on a Load of Firewood</td>
<td>$1,160.00</td>
</tr>
<tr>
<td>Total Income</td>
<td>$1,160.00</td>
</tr>
<tr>
<td>Lexan</td>
<td>-$418.01</td>
</tr>
<tr>
<td>Hardware</td>
<td>-$203.93</td>
</tr>
<tr>
<td>Fasteners</td>
<td>-$208.58</td>
</tr>
<tr>
<td>Electrical</td>
<td>-$324.08</td>
</tr>
<tr>
<td>Propellers</td>
<td>-$235.92</td>
</tr>
<tr>
<td>Total Costs</td>
<td>-$1,390.52</td>
</tr>
</tbody>
</table>

Balance | -$230.52 |

Travel to MATE International ROV Competitions in Hilo, Hawaii

Donations (Local Businesses and Individuals) | $10,900.00 |
Parent Contributions | $5,000.00 |
Government Contributions | $5,000.00 |
Funding Provided by Marine Institute of NL | $10,000.00 |
Fundraising (Ticket sales and Soup Supper etc.) | $8,200.00 |
Total Projected Income | $39,100.00 |

Airline Tickets | -$17,770.00 |
Extra Shipping Cost for ROV | -$200.00 |
Travel Insurance | -$1,814.00 |
Hotel Accommodations in Hawaii | -$6,468.00 |
Hotel Accommodations in St. John’s | -$1,746.00 |
Ground Travel (Taxis & Busses) | -$1,500.00 |
Rented Vehicles, gas and parking in Hilo, Hawaii | -$2,000.00 |
Meals | -$7,200.00 |
Total Projected Costs | -$38,698.00 |

Balance | $402.00 |