

Company Spec Sheet: *The Mechanics*



Team members from left to right:

Alexander Nehmzow (17, Chief Communications Officer), Caitlin Fischer (17, Design Engineer), Edwin Fong (17, Chief Electrical Engineer), Christina Zau (17, Artist/ Communications Officer), Fergus Wong (16, Design Engineer), Arthur Wong (17, Chief Executive Officer)

School: German Swiss International School, Hong Kong

Home: Hong Kong

Distance travelled to the international competition: 10439 km

History: First time participating in the international competition, all members are returning

Range of grade levels: All members are in high school, Year 12

Our ROV

ROV name: 'Lawmaker Murphy'

Total estimated cost: HKD \$2858 (USD \$368)

Value of donations: HKD \$650 (USD \$84)

Primary material(s) used in construction: PVC

Approximate dimensions in metric units: 0.34m W x 0.36m L x 0.18m H

Total mass in air in kilograms: ~3kg (approximate)

Safety features: Fuses, wiring insulation, cautionary red paint, warning tape, PVC motor covers

Special features: Claw/arm, temperature sensor, underwater cameras, plastic mesh, flotation devices