

COMPANY SPEC SHEET

COMPANY SPECS

1. Company and school, club, or organization name
-We are **DARK BLUE** from **Beijing New Talent Academy**.
2. Home state and/or country
-Beijing, **Chi na**.
3. Distance traveled to the competition
-Around **11248km**.
4. History of MATE competition participation (new or returning)
-**Returning**, but there are some new team members had joined.
5. Company photo and caption with team members' names and roles



DARK BLUE

- Mia:** the CEO, also manages Government and Regulatory Affairs.
Hilbert: the COO, also responsible for fund-raising & marketing.
Daniel: the "diplomat", communicating with other participants.
Leo: responsible for media outreach
Steve: responsible for system engineering & testing, and he is also the operator of our ROV.
Liam: the associate designer of all non-ROV devices
Steven: the helper for Steve and Emon
Jason: "tactical planner"
Emon: the CTO of our company, response for research and development & design.
FCX: the designer of all non-ROV devices

our product: recent ROV "dolphi n"
previous ROV "YUANXI "
new float

potential client:

- marine scientific researchers
- teaching & secondary innovation
- "Ocean Farmer"--e.g. for fish farming, kelp cultivation, etc.
- environmental protector

6. Range of grade/college levels represented by team members
-Our members are all from **grades 9 to 11**.

ROV SPECS

1. ROV name (if applicable)
-**"Dolphi n"**
2. Total cost
-Around **620 USD**
3. Size and weight measurements
-The length of our ROV' body is about **48cm**(If a robotic arm is included, it is around **70cm** long), with the width of around **33cm**. The maximum height is approximately **29cm**. The weight of our ROV is **less than 10kg**.
4. Total student-hours to design and build
-Around **100 hours**.
5. Safety features
-There are **propeller guards & security signs**
6. Special features
-**Modular design & thrust-to-weight ratio high**
7. Photo of the vehicle

