



AUTONOMOUS LIFEBOAT CONCEPT





APPLICATIONS

- ◇ LifeBoats in ships
- ◇ Floods for rescuing
- ◇ Regular rescue parties
and surveillance in seas
and oceans





Features:

1. Detect people stranded in sea navigate towards them.
2. Lower the ramp for people to get up
3. Navigate to the nearest land/ship using GPS.
4. Detect floods and water entering ships using water sensor and take necessary actions
5. Send SOS alerts to nearby receivers

Person Detection Methods:

- Using Computer Vision camera feed

Future Prospect:

- Using Thermal Camera feed to detect body heat signatures, which are more discernible in oceans
- APIs to detect a person underwater

