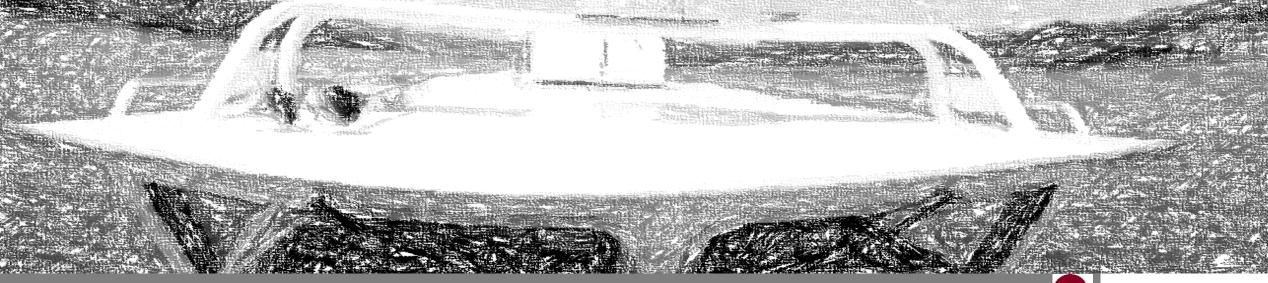
## **Progress Review 1**

By:

Team B - AutoPirates

Date: 21<sup>th</sup> Oct 2015





Part	Done	In Progress
Perception	<ol> <li>Visualized the Radar data using the OpenCPN library with BR24 Radar plugin.</li> <li>Compiled the source code of OpenCPN and BR24 Radar plugin.</li> </ol>	Publish radar data to ROS nodes so that we can get raw data of the radar.
Path Planning	<ol> <li>Subscribed to ROS topic sending IMU/GPS data on onboard computer.</li> <li>Logged IMU/GPS data.</li> <li>Playback feature for IMU/GPS data</li> </ol>	Study state of the art path planning algorithms.

Demo 1: Visualize Radar data in OpenCPN

Demo 2: Playback IMU data

## Plan for 2<sup>nd</sup> progress review

## 1. Perception:

Publish Radar data to ROS nodes and log Radar data.

## 2. Path Planning:

Based on research on path planning algorithms, decide one path planning algorithm to implement.