

## Mobility Demonstration Requirements

January 19, 2011

For this mobility demonstration, there will be 25 points for basic mobility (figure eight on the floor), and 25 points for traversing each of the three full-sized (6'x10') terrains (water, sand, and rock), for a total of 100 points.

### Maneuverability Bonus (+10 points per terrain, up to +30 points)

In addition to the points for stopping and crossing each terrain, bonus points will be awarded for demonstration of ability to drive in a controlled manner on each terrain. One can will be placed on each of the three terrains, and 10 bonus points will be awarded to teams for each can their vehicle touches, so long as the terrain is fully crossed in that same attempt. In addition to touching the can, a vehicle must also come to a complete stop on the terrain, and then continue on and finish in order to receive the bonus points.

