

Teams:

Team A: Continent: Urandir Oliveira, Tatiana Maciel and Alex Oliveira

Team B: Island: Alessandro Oliveira, Vanessa Oliveira, Eliane do Canto

Coordinates:

Team A: Caraguatatuba Microregion - Porto Novo Beach

23°40'55.02"S 45°25'51.48"W

Team B: Beach of the Armação in Ilhabela

23°44'16.74"S 45°20'40.38"W

Distance: 10.78 Km

Equipment:

Team A:

1 Xenon Light Cannon with 2 Spot

2 Halogen Headlights 75W

1 Laser beam 3000mW

1 Laser beam 10W

1 20 Switching Power Supply Laser beam Amps

1 Inverter 12Volts-110Volts 500W

1 VHF Radio Base

1 Dual band VHF / UHF directional Omni antenna

1 Radio HT UHF

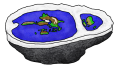
1 Sealed Battery 12 Volts 45 Amperes

1 HD camcorder with infrared nightshot

2 Tripod and Positioners

1 GPS Garmin e-Trex

1 Notebook with GPS and positioning software



- 1 Spot for lighting
- 1 Lensatic Engineer Compass

Team B:

- 1 Laser beam 3000mW
- 1 Xenon Light with 4 Spots
- 1 Laser beam 10W
- 2 Halogen Headlights 75W
- 1 VHF Radio Base
- 1 Dual band VHF / UHF directional Omni antenna
- 1 Radio HT UHF
- 1 Sealed Battery 12 Volts 45 Amperes
- 1 HD camcorder with infrared nightshot
- 1 Tripod and Positioner
- 1 GPS Garmin e-Trex
- 1 Notebook with GPS and positioning software
- 1 Spot for lighting
- 1 Lensatic Engineer Compass

OBS:

- 1- The laser equipments was positioned at 1.5 meters from the water level.
- 2- To replicate this experiment, you must take into account the climatic condition. Give preference to perform on days with low air humidity and days with little or no wind, which decreases the formation of waves.