

**Santa Rosa Island
Trancion Canyon
Site #23**

Code Name: SRTC

Date Established: 2005

Latitude: 33° 54.513 N

Longitude: 120° 09.330 W

Transect Orientation: East to West (90° - 270)

<u>Stake</u>	<u>Meter</u>	<u>Bearing to next stake</u>	<u>Depth (ft)</u>
0	0	270	32
1	10.8	270	39
2	20	270	42
3	29.9	270	42
4	40	270	42
5	49.1	270	40
6	60.3	270	44
7	69.5	270	47
8	80.4	270	45
9	89.3	270	46
10	100	270	45

Description of surface location: East of Cluster Point and west of Chickasaw. It is offshore from Trancion Canyon and there is a shoal rock pile in between the site and the shore line.

Description of bottom topography: A very rugose site with many high ridges and rocks, but mainly composed of bedrock. Just past the east end of the reef, there is a large 10 ft drop off to ~45 ft. There is a large rock that comes up to 20 feet of water on the offshore side at approximately the 85 meter mark.

Location of temperature unit: 0 m mark at the east end, ~1-2 meters off, depth 30 feet.