



Field Report

Client::	NOAA	Project::	Job #4113 – USBL ROV Positioning
Vessel:	M/V Ronald Brown	Location:	Madison-Swanson area
Date:	September 14, 2003	Task:	Biomedical Specimen collection
Report No:	004	Dive No:	Dive #11 & #12 with Innovator ROV

The following biomedical research collection sites were taken while positioning the Innovator ROV. The area we are in is called Madison-Swanson area by the scientists and is in AP 753 & 797. These locations are considered field ties and are subject to further review by C&C technologies.

Research Sites

Twin Ridges Site MS #1

Northing	3230263.86 m	Easting	629029.30 m
Latitude:	N 29° 11.52''	Longitude:	W 85° 40.3700

Twin Ridges Site MS #2

Northing	3229984.09	Easting	628789.35
Latitude:	N 29° 11.52	Longitude:	85° 40.52'' m

Twin Ridges Site MS #3

Northing	3229388.54 m	Easting	628390.85 m
Latitude:	N 29° 11.20''	Longitude:	W 85° 40.7700''

Twin Ridges Site MS #4

Northing	3229202.95 m	Easting	628311.90 m
Latitude:	N 29° 11.10''	Longitude:	W 85° 40.82''

Twin Ridges Site MS #5

Northing	3228735.25 m	Easting	6287782.25 m
Latitude:	N 29° 10.85''	Longitude:	W 85° 41.15''



Twin Ridges Site MS #6

Northing 3227891.18 m

Easting 626624.53 m

Latitude: N 29° 10.40''

Longitude: W 85° 41.87''

Note: All Coordinates are in:

World Geodetic System 1984

Universal Traverse Mercator, Zone 16 N

Central Meridian 87° 00' 00" West

Units are US survey feet

Geoffrey D. Ellett

Survey Party Chief

C&C Technologies Inc.

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