

## MBARA Reef Survey Worksheet – version 1.0

**Reef Site Name :** Big Bend Saltwater Classic Reef **Depth :** 144 ft.

**Survey Date :** 04/28/2007 **Survey Time:** 10:30 AM ET

**Weather conditions and sea state:** 2ft. seas, partly cloudy

**Boat Name:** High Interest **Boat Captain:** Keith Neel

**Dive Leader :** Keith Neel

**Dive Team :** Eddy Henry

### Position Readings

**Loran Manufacturer & model:** Raytheon RayNav 570

**TD 1 :** 13851.8 **TD 2:** 46782.6

**GPS Manufacturer & model:** N/A

**N Lat. :** **W Lon. :**

**Differential GPS Manufacturer & model:** Garmin GPSMAP-182 w/ GBR-21 DBR

**N Lat. :** 29 37.991 **W Lon. :** 85 58.967

### In-Water Readings

**Water Temp** - **surface :** 64.3 deg. F **bottom:** 66.0 deg. F

**Visibility** - **surface :** 100 ft. **bottom:** 5 ft.

**Specific Gravity** - **surface:** none taken **bottom:** none taken

**Current** - **direction:** n/a **speed :** 0.0 kt.

**Thermocline Depth:** no thermocline detected.

**Bottom Composition :** sand

**Reef Materials & Quantity :** 25 Florida Special pyramid reef modules w/ rock panels.

**Reef Height (average):** 10 ft.

**Reef Physical Condition :** excellent, no damage

**Biological Growth:** algae (looks like pale colored moss).

**Fish Count :** 1 rock fish, < 500 cigar minnows)

**Other Comments :** Great visibility until 8 ft. from the bottom, then 5 ft. visibility