

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