



**Daily Drilling and Scientific Report for IODP Expedition 325,
Great Barrier Reef Environmental Change**

21st March 2010 (0000-2400, local time)

1. Location

RIB_02A Hole 4

Time zone: Brisbane Australia Time, UTC +10

Position at midnight (Ribbon Reef 3):

Latitude: 15° 28.3425 S

Longitude: 145° 49.42185 E

2. Activity summary

Trials on the DP system continued until 16:45 when the Maya moved back onto site. Following deployment of the seabed transponder and a downhole camera survey, coring operations began.

3. Science report

The surface of Core 1X was covered by algal crust, with sand containing forams and Halimeda.

4. Core recovery details

Hole	M0049A
LAT water depth	97.48m
Cores recovered	1
Drilled length	2m
Recovered length	0.5m
Recovery	25%
Depth at midnight	2mbsf

5. Weather

Sea state: slight (3) to moderate (4) with a swell of <2.5m; wind direction SE swinging to N and ENE by midnight force 6 (22-28 knots) decreasing to 3 (7-10 knots) by mid morning; partly cloudy; 30°C.

Next 24 hrs: Sea state slight with swell of 1.2m in open waters; wind direction SE/NE 10 – 15 knots; scattered showers.