

**FREE
EVENING**
of
discovering
the . . .



Solitary Islands Marine Park

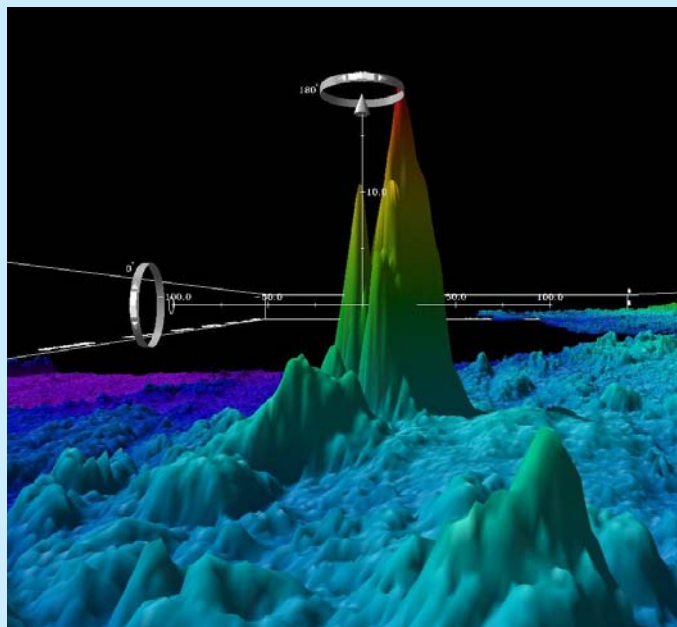
Photo by Hamish Malcolm

Marine Discovery Series

WHEN: 7:00pm – 8:30pm
Tuesday 16th June 2009

WHERE: The National Marine Science Centre
Charlesworth Bay
(entry via main foyer, ground floor)

GUEST SPEAKER: Dr Alan Jordan – *Sea floor habitat mapping*



Exaggerated 3-D swath image of Pimpernel Rock.
HABMAP, DECC NSW, 2008

Over the past couple of years researchers have been using swath echosounders to develop detailed maps of the sea floor along the north coast of NSW.

The mapping involves sending acoustic sonar beams to the sea floor to form a high resolution picture of the depth and hardness of the bottom. This is used together with more traditional aerial photographs and underwater video footage to improve our understanding of the extent and structure of seabed habitats and biodiversity.

The mapping methods will be described and results presented from several areas along the north coast using 3-D images, underwater video footage and maps of the sea floor.

Attendance is FREE and no booking is required, Refreshments will be provided
For more information please call 6652 0911 or 6648 3900

