

# *Popping Rocks 2018*

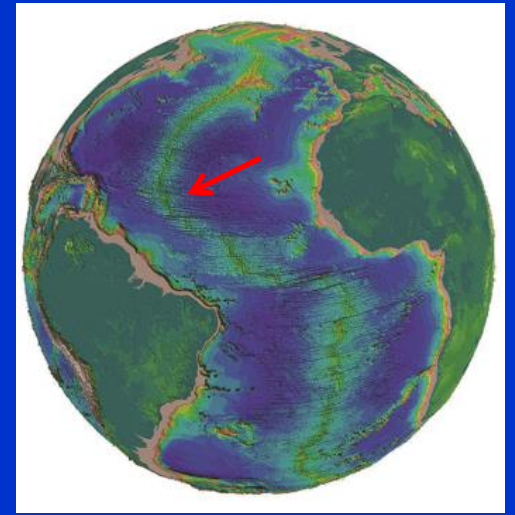
*Goal: to constrain the origin of gas rich basalts*

**Mid Atlantic Ridge near 14° N**  
**R/V Atlantis (AT40-02), Sentry, Alvin**  
**Bermuda (May 11 to June 10, 2018)**

AT33-03: 2-7-16 Bridgetown (4 days transit)  
 4-2-16 Charleston SC (13 days transit)

Mark Kurz, WHOI (Chief Sci.)  
 Eric Mittelstaedt, Idaho (Co-Chief)  
 Dorsey Wanless, Boise State  
 Adam Soule, WHOI  
 Josh Curtice, WHOI  
 \*Meghan Jones, MIT/WHOI  
 \*Darrin Schwartz, Boise State  
 \*Emma McCully, Boise State  
 \*Kristen Fauria, WHOI  
 5 Undergrads (Idaho, Boise State, Northeastern)

Marathon Fracture Zone



Maris Wicks: [poppingrocks.whoi.edu](http://poppingrocks.whoi.edu)

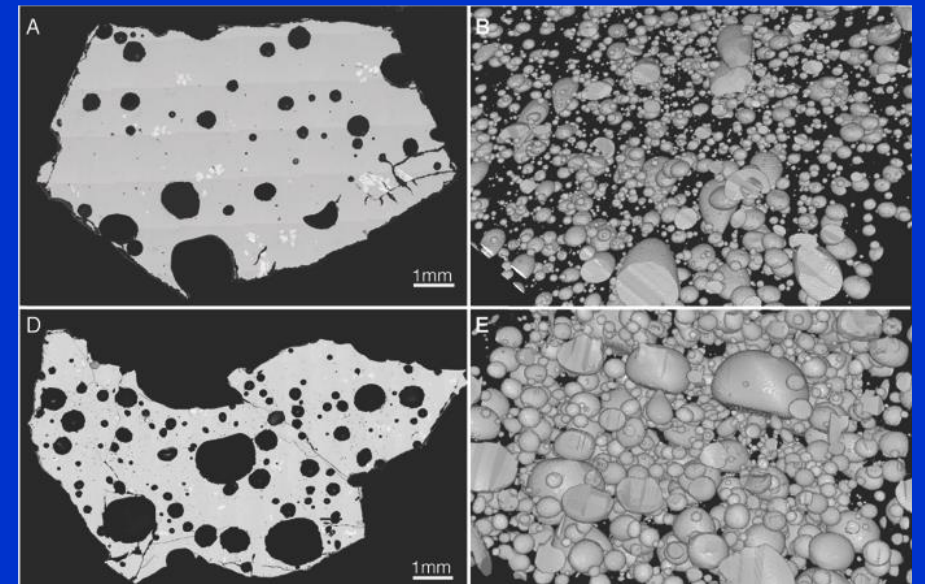
Thanks to Atlantis, Alvin, Sentry, NSF!





# Cruise AT40-02 (May-June 2018)

## Popping Rocks II

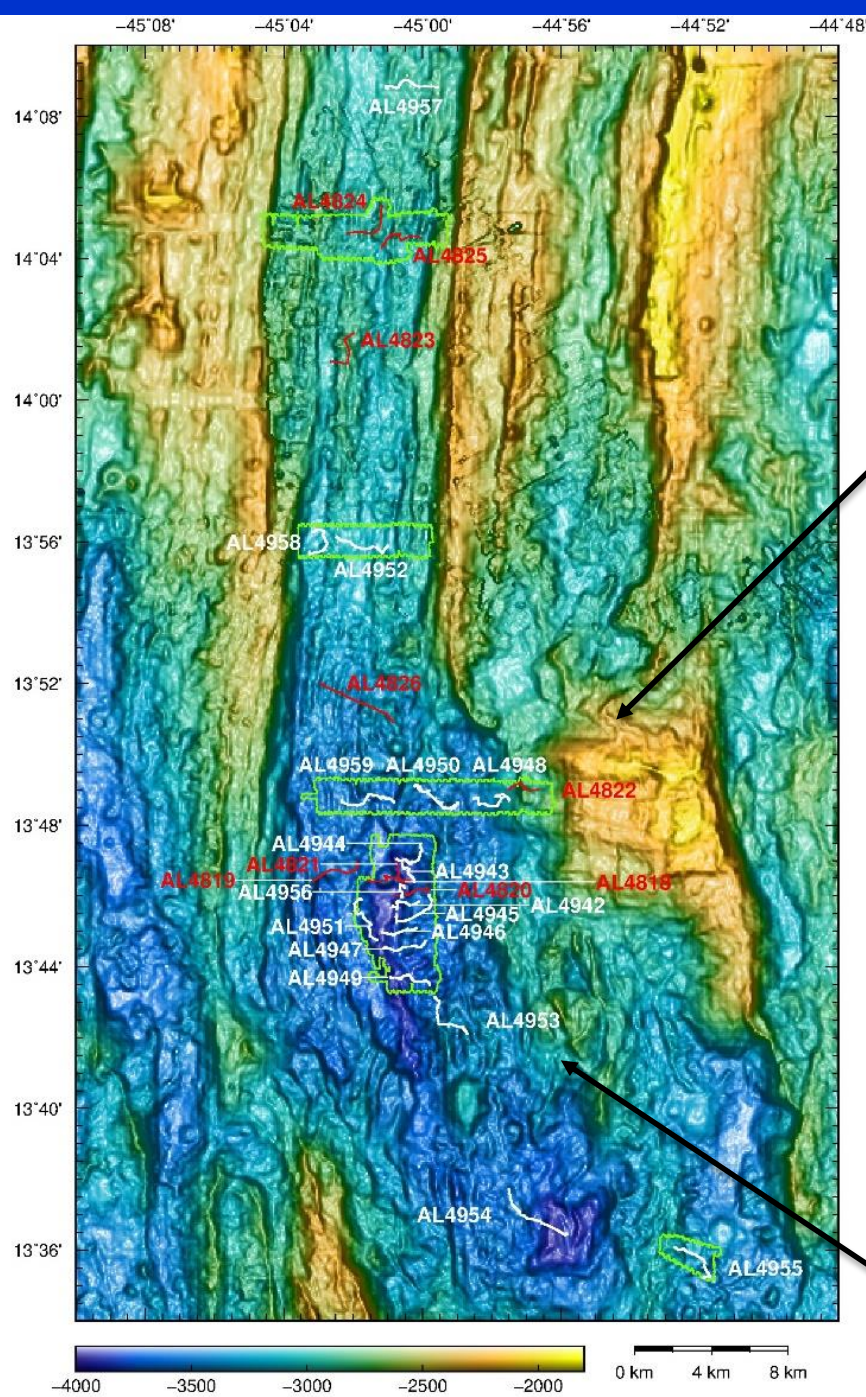


Kurz et al. - Wednesday 9:45 - 10:00

Mittelstaedt et al. - Friday 11:35 - 11:50

Lucia, Schweitzer, McCully, King- Wednesday PM





18 science days (12 transit):  
 18 Alvin science dives (4942-4959)  
 17+ Sentry dives (473-489)  
 1<sup>st</sup> concurrent Alvin/Sentry dives!



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