

Research Vessel Parke D. Snavely

November, 2007

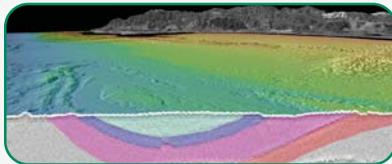
The USGS *R/V Snavely* is a 34-foot catamaran purchased in November 2007. The boat is named after Parke D. Snavely, Jr. (1919 – 2003), a pioneer of marine geology research at USGS.

R/V Snavely has two high-resolution seafloor mapping sonars, two seafloor cross-section sonars, an ocean current sonar, a towed camera sled, and a deck-mounted LIDAR laser scanner. *R/V Snavely* operates in water as shallow as 5 feet, running all these instruments at the same time, for an integrated view of the ocean and the coastline.

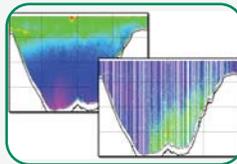


R/V Snavely in Santa Cruz Harbor

We use *R/V Snavely* for research offshore of California, Oregon, and Washington. Data collected with *R/V Snavely* will help other government agencies make wise decisions about the ocean.



Seafloor map with a seafloor cross-section



Ocean current sonar



Seafloor photo



Coastline LIDAR



Location of USGS Pacific Science Center

R/V Snavely Team

Jon Childs, Geophysicist
 Sam Johnson, Geologist
 Dave Hogg, Electronics Tech
 Larry Kooker, Electronics Tech
 Kevin O'Toole, Engineering Tech
 Mike Boyle, Marine Electronics Tech
 Jamie Grover, Marine Tech/Boat Captain
 Pete Dal Ferro, Engineering Tech/Boat Captain
 David Finlayson, Geologist
 Hank Chezar, Photo Technologist



Parke D. Snavely, Jr.

More information on the web: <http://walrus.wr.usgs.gov/posters>