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## **Site Surveys**

To facilitate the selection of drill sites for Leg 138, a site survey program was conducted on board the Scripps Institution of Oceanography's research vessel Thomas Washington (Cruise Venture 1). During this cruise, which departed San Diego on 30 August 1989 and arrived in Manzanillo, Mexico, on 4 October 1989, more than 11,800 km of SeaBeam bathymetry, 8800 km of single-channel digital seismic data, and more than 200 m of sediment cores were collected. In addition to aiding in the selection of Leg 138 drill sites, the data collected during Venture Leg 1, in its own right, will provide important information about the response of the equatorial Pacific to global changes in climate. The site survey cruise, like the drilling program, concentrated its efforts on two north-south transects across the major eastern equatorial oceanic boundaries. In addition, during the cruise, scientists collected SeaBeam and seismic data between the two transects and conducted several ancillary programs. In this chapter, we briefly describe the data collected during this site survey cruise; SeaBeam bathymetry and seismic profiles for each drill site are presented in the individual site chapters.