

## SPECIAL REPORT



A fall gale swept across western Long Island Sound in 2006, driving these boats ashore.

**1.** This Alden 44's lead-ballast keel absorbed much of the pounding, but its shallow draft allowed the rudder to also make contact with the rock jetty.

**2.** The junction between the hull and keel (note the keel bolts, inset) was the focal point for loads when this Beneteau fetched up on a rocky outcropping.

**3.** Attached rudder designs, like this one on an Island Packet 44, aren't immune to damage during a severe grounding episode.