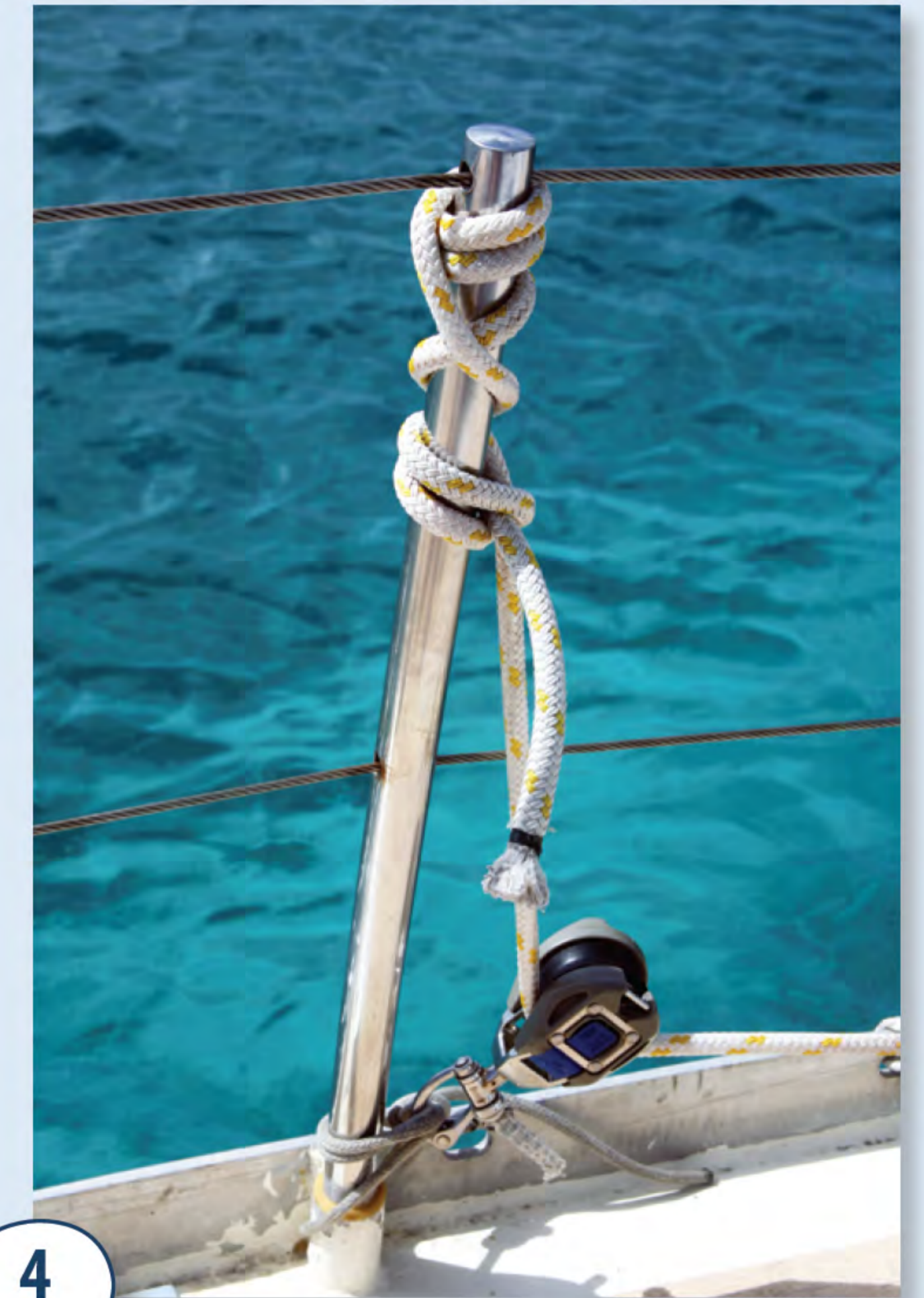


Greased Pole and Slippery Line Test Gripper Knots



Testers employed a variety of line types and a greased stainless stanchion to challenge the knots' holding power under load. **1.** The sailor's hitch held on the greased stainless-steel tube when tied with small-diameter line. **2.** But it did not hold on the greased stainless when tied with large-diameter line; this is evidenced by the distance it has slipped below

the lifeline at the top of the stanchion. **3.** The icicle hitch also held on the greased stainless steel when tied with the small-diameter line. **4.** When tied with large-diameter line onto the slippery stainless and put under load, the icicle hitch pulled apart. However, it did not slip: The top of the knot is still against the wire at the top of the stanchion.