

Just how stable is she?



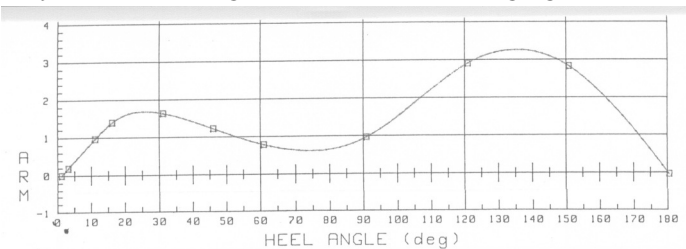
The simple and short answer is **very!** Let me explain.

Getting this question is common when showing a Coaster to people. As the designer, I find it interesting that they would happily cross an ocean aboard a cruise ship (see top left photo) that has about the same stability as our design. Yet, up close and personal, aboard a Coaster that is stiff and solid, they feel the need to ask the question....

The primary thing to remember about stability is that it changes relative to waterline beam cubed. That third power exponent makes small increases in beam become large increases in transverse stability. For example, going from a 16' to 18' waterline beam lends a 42.4% increase in stability. Coasters are much beamier than typical cruisers their size and this means they are much more stable. Look at the above photo of the 3,300 pound Jeep® being offloaded from the first 50' Coaster – she's heeling only about three degrees with this load hanging overboard.



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And then there's the point about stability at higher angles of heel. Here's the stability curve from one Coaster. Note that she has positive stability all the way to being completely upside down. How many other boats can say this?...

Give us a call and arrange to get aboard a Coaster and see what is the truth and the reality. And, of course, you'll experience the room and comfort of Coaster living.



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