

Sea Knees Trial 2/15/2016

27 ft. Center Console - Seas 3 to 5 Ft. with Short Duration

G Forces

Earth's natural G force is one.

At a G Force of less than 1, weightlessness is experienced.

At a G force of 2, your weight is doubled
At 3 it's tripled, Etc.

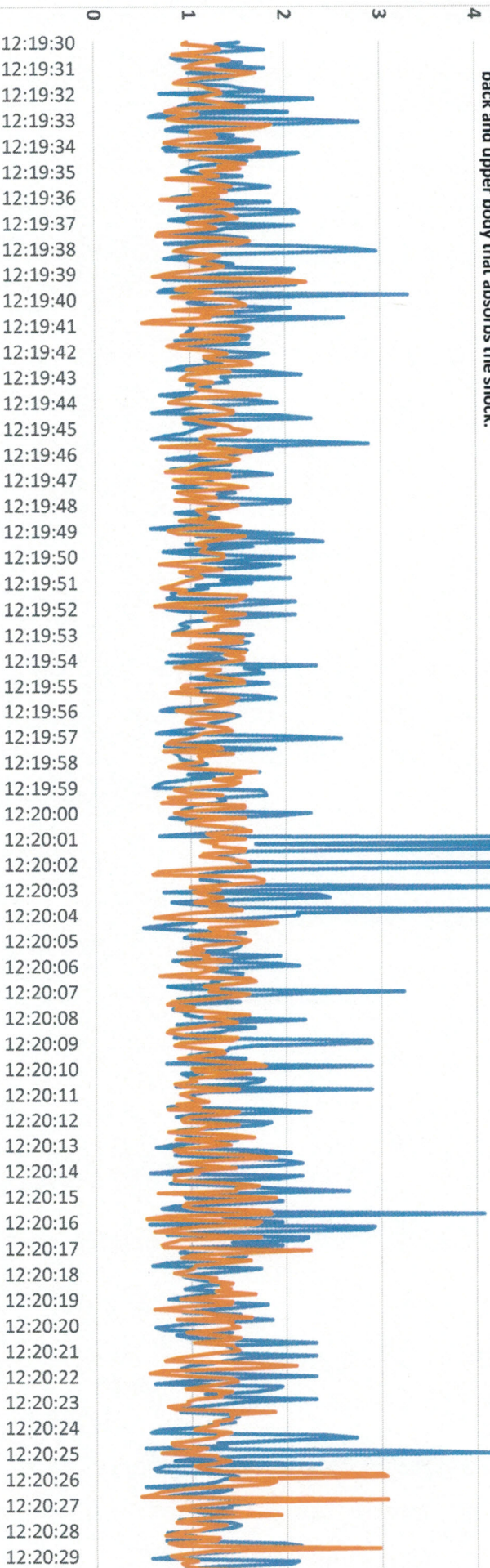
If you weigh 200 lbs, at a G Force of 0.25 your effective weight increases by 50 lbs.

Example, think of picking up a 50 lb. weight and jumping up and down.

Both the **Captian** and the **Mate** were equipped with 3 Axis G Force measurement devices.

In the chart below, compare the G Forces, the **Captain**, who is standing on **Sea Knees** (Lines in Red) is experiencing to the G Forces the **Mate** who is standing on the deck (Lines in Blue) is experiencing.

When Standing, the legs and Knees absorb this shock, when sitting it's the back and upper body that absorbs the shock.



VS Values for Mate and Captian (Note - The Mate is on Deck and the Captian is on Sea Knees)

Blue = Mate - Red = Captian

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G Forces

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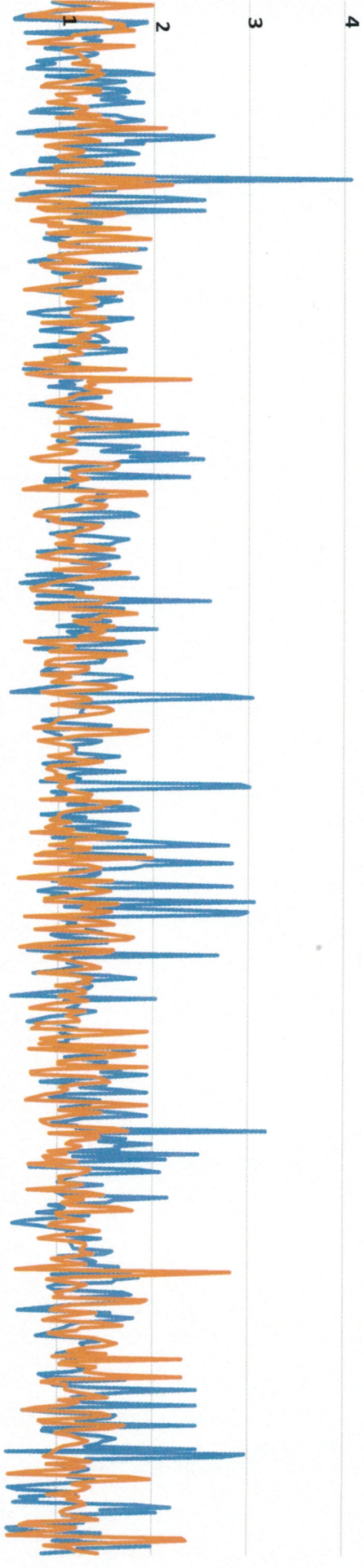
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VS Values for Mate and Captain (Note - The Mate is on Deck and the Captain is on Sea Knees)

Blue = Mate - Red = Captain