



STOLEN BOATS CANADA

(Public Service- Non Profit)

BOATING SAFETY

When thinking about what speed you are traveling in your vessel, think in **“FEET PER SECOND”**. Build into this calculation the **“Perception Response Sequence”(PRS)** which is the time to **(1) Detect a Hazard, (2) Identify the Hazard, (3) Decision on Action and (4) Reaction**. Studies have shown that this sequence takes 0.5 to 0.6 seconds under clinical conditions and doesn't include the amount of time for the vessel to respond to the operator's actions.

Speed	Distance Travelled	Add PRS	Distance Travelled Prior to Reaction
10 mph	14.666 feet/second	0.5 seconds	21.999 feet
15 mph	21.999 feet/second	0.5 seconds	32.998 feet
20 mph	29.320 feet/second	0.5 seconds	43.980 feet
30 mph	43.990 feet/second	0.5 seconds	65.985 feet
40 mph	58.664 feet/second	0.5 seconds	87.996 feet

As the operator, you are responsible for the safety of your passengers. If a passenger seated on your bow was to fall into the water, could you disengage your propellers in time? What damage would your hull do to your passenger?
Always travel at a Safe Speed, always Keep a Watch and ensure your passengers are seated within the vessel.

