

# VESSEL TYPE

	HOVER-CRAFT	CATAMARAN	MONO-HULL
<b>01.</b>	<b>STABILITY</b>		
	The stability of a hovercraft depends largely on the air cushion used underneath.	Very stable compared to a mono-hull thanks to its width and also since it gains buoyancy through chambers at its extremities.	Relatively unstable as compared to a catamaran or hovercraft.
<b>02.</b>	<b>COMFORT</b>		
	The comfort level on a hovercraft is high due to its use of air cushion which would be least affected by swells. However, vibrations due to mechanisms abound the craft.	Catamarans are acclaimed for their comfort thanks to the least surface area being in touch with water-conditions, and counterbalancing moving characteristics that are integral to its design.	Mono-hulls are largely affected by swells and water movement – at times restricting their use during extreme water conditions for passenger movement.
<b>03.</b>	<b>LOAD CARRYING CAPACITY</b>		
	Hovercrafts can carry limited pay-load and their designs restrict them from having multiple decks.	Catamarans can carry heavy pay-loads and can be of multi-deck design allowing them to carry heavy pay-loads comfortably.	Mono-hulls carry lesser pay-load as compared to hover-crafts or catamarans.
<b>04.</b>	<b>VOLUME (SPACE AVAILABLE)</b>		
	Good availability due to design.	Maximum space available per foot of length.	Constrained space available due to design.
<b>05.</b>	<b>WEIGHT</b>		
	Hovercrafts are most heavy in terms of weight, as they have heavy mechanisms.	Due to simple design and construction, the weight is minimal.	Mono-hulls are relatively bulky in terms of their length.
<b>06.</b>	<b>SPEED</b>		
	Speed is attained at the compromise of efficiency.	Very efficient, and high-speed vessels.	Speed is restricted.
<b>07.</b>	<b>MANEUVERABILITY</b>		
	Hard to maneuver	Easy to maneuver as they have power-units on both their hulls.	Relatively harder than Catamaran to maneuver.
<b>08.</b>	<b>MAINTENANCE</b>		
	High maintenance as it involves usage of complicated mechanisms.	Simple and easy to maintain.	Equally simple and easy to maintain as catamarans.
<b>09.</b>	<b>COST</b>		
	High Cost of procurement, and maintenance. Also requires high-skilled and expensive equipment for maintenance.	Most cost-effective, value for money proposition.	Lesser volume for similar costs to Catamarans.



# COMMUTER CRAFT

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