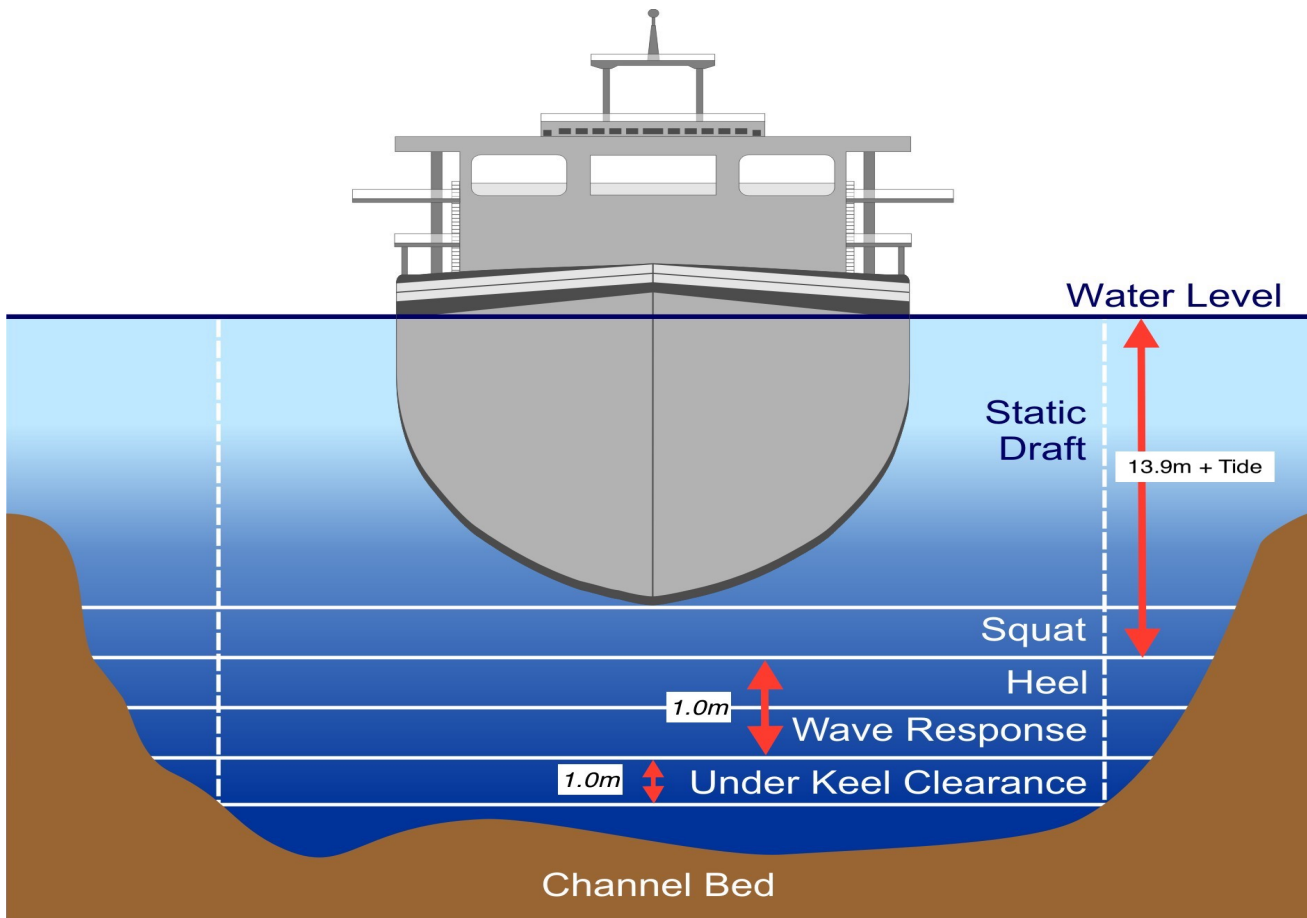


PortMiami Deep Draft Policy



Static Draft + Squat (at 12 knots) + Heel & Wave Response + Net UKC < Chart Datum (15.9m) + Tide

- Adequacy of assumptions below are to be confirmed by the shipping line and provided to the Biscayne Bay Pilots.
- Squat to be provided by the vessel operator but may be corroborated independently by the Biscayne Bay Pilots.
- Due to the Gulf Stream, a minimum entry speed of 12 knots is required.
- The ICORELS formula has been found to be the closest representation of squat during a limited study at the Port.
- Heel & Wave Response typically combine for less than 1.0m but may vary based on conditions expected during transit, and the Biscayne Bay Pilots reserve the right to increase this factor under certain circumstances.
- Minimum Net UKC = 1.0m (or greater if required by shipping line)
- Minimum allowance for heel and waves = 1.0m (or greater if required by shipping line or conditions)

This leads to a general condition of:

$$\text{Static Draft} + \text{Squat (at 12 knots)} + 1.0 \text{ m} + 1.0 \text{ m} < 15.9 \text{ m} + \text{Tide}$$

$$\text{or equivalently, } \textit{Static Draft} + \textit{Squat (at 12 knots)} < 13.9 \text{ m} + \textit{Tide}$$

This is general guidance. Since the tidal range, tidal currents, the Gulf Stream current, and wind and wave conditions are variable and can impact the transit of the vessel, the Biscayne Bay Pilots reserve the right to restrict vessel entries until it deems that conditions are suitable to allow safe entry. Vessel operation managers are encouraged to coordinate with the Biscayne Bay Pilots as soon as possible to plan arrivals.