

Some Implications

- Fixed Platforms
- Observations for Floaters
- Issues?

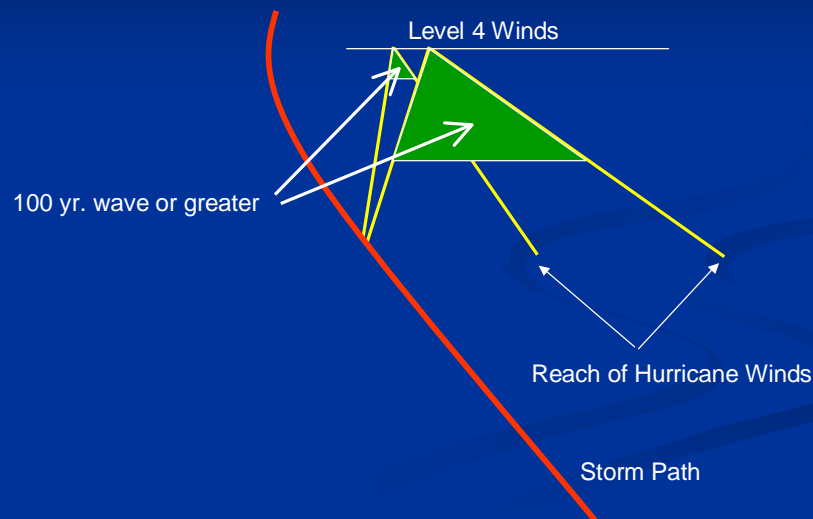
Design

- Provide a series of loads and conditions that will result in a structure that will adequately perform – support loads – during the lifetime use of the facility.
- Often establish envelopes of combinations knowing that none will exactly match actual conditions

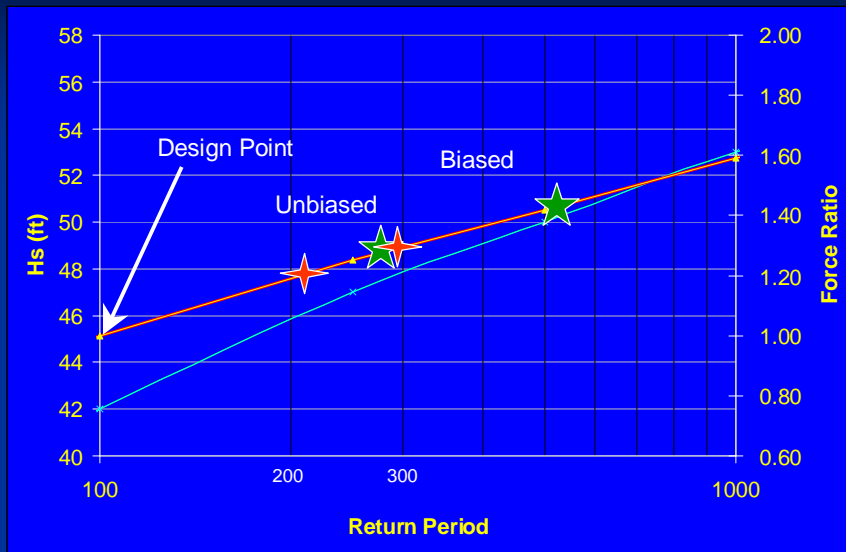
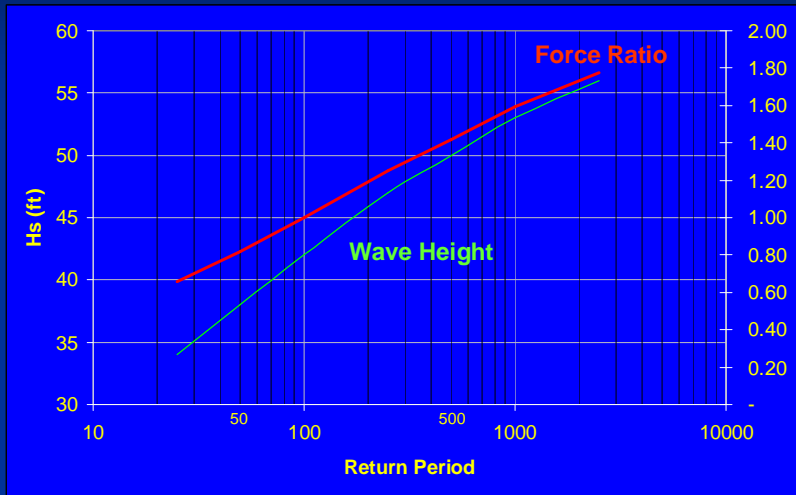
Underlying Assumptions

- Performance for individual structures
- Spatiality inherent with % of fleet impacted
- Patterned after land code strategies
- Generally more stringent than land codes
 - industry choice based on risk
- Levels introduced – cost/risk driven

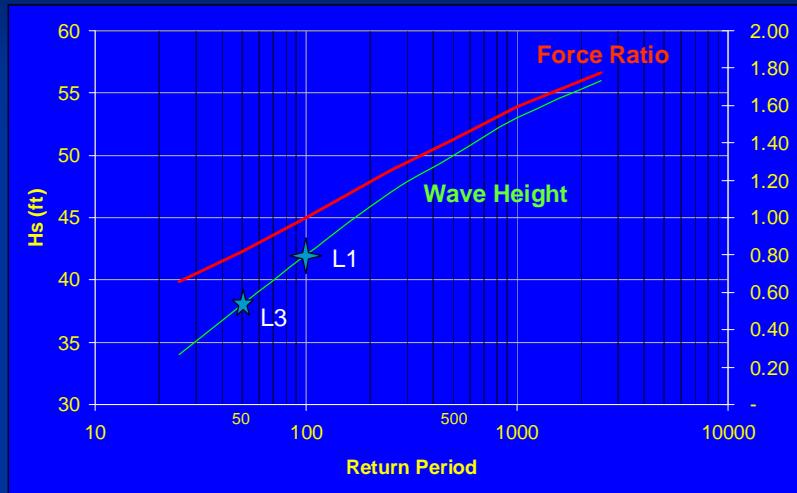
Storms & Facilities



Height vs. Force



Height vs. Force



Implications

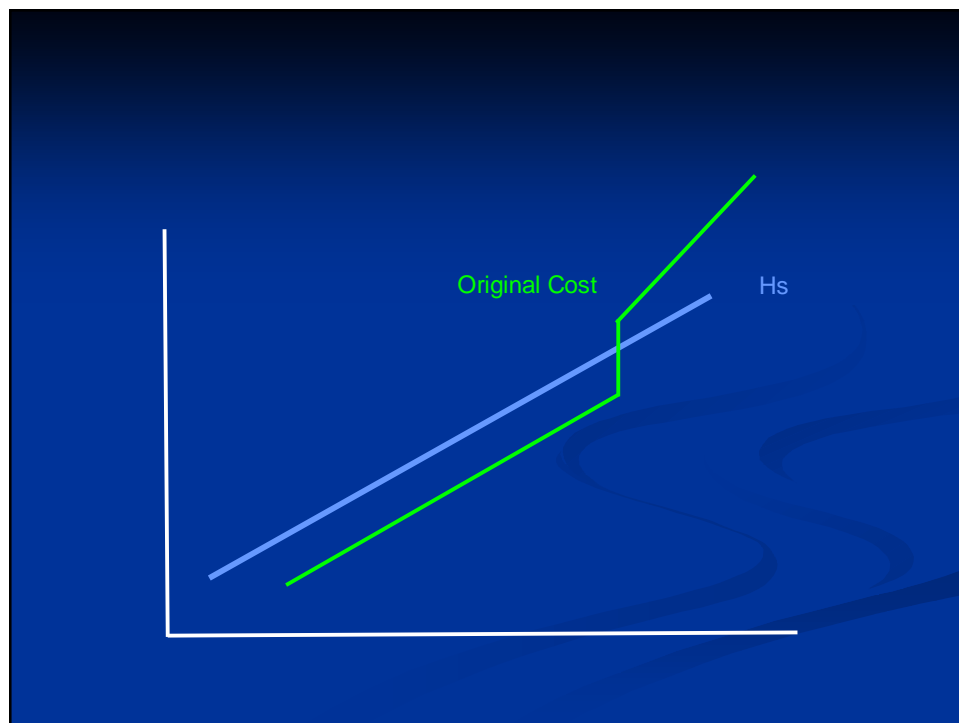
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- Generally direct relationship between level and production
- Life safety and environment are drivers
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Role of Code

Safe, fit-for-performance facilities, meeting safety objectives while economically viable



Issue

- There will always be a load greater than the design point/capacity of a structure
- Where is the correct balance of design point to risk?
- Structural?
- Non-Structural?