COASTAL DATA EXCHANGE
HOSTED BY
DBEDT, OFFICE OF PLANNING
MAY 30TH AT EAST WEST CENTER

DOT HARBORS MASTER PLANS

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Data Demand Discussion

• Our planning toolbox
  ArcGIS for Desktop.

• Why we use this planning tool?
  To access complex and diverse data all in one place. Quick references of Utilities, Other Projects in the Area, Environmental Documents, SMA, Zoning, Tenants and Harbor Facilities.

• How we use this tool?
  Research and communicate relevant planning data for Harbor’s Master Plans and Development Plans.

• We changed the status quo because...
  Too much data to manage, time consuming to research data on hardcopy and archived files, etc.

• Data we are developing right now

• Data we wish we had
  LIDAR topography, High Resolution Aerials.

• At the end of day we need data that are...
  Accurate, easy to read and understand, easy to access.

• What we would like the world to look like in 10 years
  Cleaner, safer, more efficient, more environmentally responsible harbors and harbor operations.
Harbors GIS
Harbors GIS – Master Plans
Our Planning Toolbox

- General Plans
- Master Plans
- Conservation District Use Permits
- Setbacks
- Shoreline Certification
- Shoreline Permits
- Building Permits
- Special Area Management Permits
- Flood Zones

Today’s Focus: Master Plans
We use this planning tool to...

- Protect the public trust
- Protect public safety
- Manage growth in a sustainable manner
- Coordinate decisions
- Regulate shoreline activities
- Provide direction for future decisions
- Administer regulations pertaining to statute/code
Our Master Plans

- Recent planning efforts include sea level rise analysis.
- Kalaeloa Harbor 2040 Master Plan (ongoing).
- www.hidot.hawaii.gov/harbors
Sea Level Rise

- Interconnecting roadways an issue.
- Possible issues with breakwaters.
Our Developments

• Increased elevation from 8.25 feet above MLLW to 9.8 feet above MLLW.