The Port of San Diego
A Port as a City

Malcolm Meikle – GIS Supervisor
Pet Peeves

- GIS System

- This is Malcolm, He’s in charge of making our maps.

- The new business system is up and running… let’s integrate with the GIS.
Port of San Diego

- Established in 1962
  - Tideland Trust Doctrine
- Five member cities:
  - Chula Vista
  - Coronado
  - Imperial Beach
  - National City
  - San Diego
- Area Covered – 5998 Acres (2427 Hectares)
  - Land area - 2464 Acres (997 Hectares)
  - Water area - 3534 Acres (1430 Hectares)
- 550+ Employees
- Approximately private sector 23,627 jobs located on the tidelands
GIS Background

- Established in 1998
- Challenged with the organizing disparate tabular and spatial data into a central repository from multiple departments.
- Acquired SDE in 2006
- Implemented web viewers in 2008
- Established a internal GIS portal in 2010 for a true enterprise experience
GIS Current State

- GIS serves six different departments directly
  - Environmental
  - Engineering
  - General Services
  - Harbor Police
  - Real Estate
  - Planning
- Currently one fulltime GIS staff member and six power users
- Standard viewers are a hybrid between Flex and Portal
- Custom Applications
- Indirect connection with other existing business systems.
- Geoevent Server
GIS Intro Page
One stop spatial shopping
Document Retrieval
Asset and Facilities
Lessons learned and observations

• The Port is not an island nor is each discipline within the Port
• Department specific data is not always a singular need
• The truth is out there – external resources
• Guidance of expectations
• Be at the front of the line
The Road Ahead

- 10.6 implementation
- Move remaining Flex applications to Portal.
- External web site
- Full SAP integration
- Field applications
- ArcGIS Pro
Thank you

Special Achievement in GIS
2018 Award Winner

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