The Investment Costs

250 Ton Lift
- Dock: $500,000
- Lift: $1,000,000
- Service Life: 25 years*
- Cost/Year: $60,000

50 Ton Lift
- Dock: $300,000
- Lift: $175,000
- Service Life: 25 years*
- Cost/Year: $19,000
The Investment Costs

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- Dock: $300,000
- Lift: $175,000
- Service Life: 25 years*
- Cost/Year: $19,000
## Overhead Costs

### 250 Ton Lift
- **Wages, Benefits**
  - $22,000
- **Ops & Maintenance**
  - $282,500
- **Training & Certification**
  - Required every 5 years
- **Cost/Year**
  - $304,000
- **Total**
  - $364,500

### 50 Ton Lift
- **Wages, Benefits**
  - $33,500
- **Ops & Maintenance**
  - $108,500
- **Training & Certification**
  - Required every 5 years
- **Cost/Year**
  - $19,000
- **Total**
  - $161,000
Overhead Costs

**250 Ton Lift**
- Wages, Benefits
  - $22,000
- Ops & Maintenance
  - $282,500
- Training & Certification
  - Required every 5 years
- Cost/Year
  - $304,500
- Total
  - $364,500

**50 Ton Lift**
- Wages, Benefits
  - $33,500
- Ops & Maintenance
  - $108,500
- Training & Certification
  - Required every 5 years
- Cost/Year
  - $19,000
- Total
  - $161,000
Basic Assumptions

• 25 year service life (closer to 20…)

• No catastrophic incidents

• 300 lift hours per year

• $200 per hour is the “Threshold of Pain”
The Basic Numbers

**250 Ton Lift**
- $364,500 fixed costs/year
- 300 hours/year operation
- $1215 per lift hour

**50 Ton Lift**
- $161,000 fixed costs/year
- 300 hours/year operation
- $537 per lift hour
The Basic Numbers

250 Ton Lift

• $364,500 fixed costs/year
• 300 hours/year operation
• $1215 per lift hour

50 Ton Lift

• $161,000 fixed costs/year
• 300 hours/year operation
• $537 per lift hour
Other Considerations

- **Environmental Impact**
  - Where do you take them?
  - What do they do or expect to do when they get there?

- **Blocking**
  - You or them?
  - Your responsibilities

- **Management Philosophy and Controls**
  - Risk Management
  - Waste stream controls
  - Best Management Practices
  - Standard Operating Procedures
Other Considerations

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Other Considerations

Impact on Current Operations

• **Personnel**
  - Requires 2
  - Requires certification and training
  - Maintenance schedules

• **Hours of Operation**
  - 24/7 or other?
  - Holidays
  - Emergencies and “Emergencies”
    - “I gotta go now”

• **Scheduling**
  - Weather and tides
  - No shows
  - Priorities
  - Conflict Resolution
Other Considerations

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People You Will Get to Know (or should…)

- AKOSHA
- EPA
- ADEC
- Insurance Agent
- Claims Adjusters
- Risk Manager
- Your Attorney
People You Will Get to Know
(or should...)

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• ADEC
• Insurance Agent
• Claims Adjusters
• Risk Manager
• Your Attorney
A TraveLift Will Significantly Complicate Your Life as a Harbormaster

(I personally guarantee it)