The Company

- Founded in 1972
- Engineering Disciplines:
  - Mechanical
  - Civil
  - Materials
  - Chemical
  - Electrical
  - Marine
  - Subsea
  - Testing
  - Pipeline
- Staff
  - Total 190
  - Engineers 124 (avg. tenure 9 yrs, 2/3 advanced degree)
  - Average Experience of Over 15 Years
    - avg. Turnover of Engineers is approx. 2% /yr.
- Annual Sales $40 Million

Clients

700+ in 2003
All major oil companies, refineries, chemical plants, consumer products, manufacturing, pipelines

Services Organized in Practice Areas
All Projects Interdisciplinary
Major Practices

1. Floating Systems
2. Fitness for Service
3. Test Labs
4. Measurements and Controls
5. Consumer & Medical Products
6. Litigation Support

We can do it profitably. We like it. “Passion” is the sweet spot for successful practices. From “Good to Great.”

Test Frames

Sample in bending with tension

Finite Element Analysis (FEA)

- Computer-Based Simulation Tool Which Can Model and Predict Static, Dynamic, and Thermal Stresses on Structures and Equipment
REMOTE DATA ACQUISITION SYSTEMS

- Intrinsically Safe with Barriers and Purging
- Cellular Phone
- Data Logger
- Battery
- Long Term

Failure Analysis

32oz. All Sport Results
Validation of simulation with test

Top load test

Success Factors For Company

1. Technical excellence
2. Client Service
3. “Right stuff on time”

Success Factors For New Engineers

1. Technical competence
2. Spirit of service
3. Personal relationship
4. Communication ability
Consider Graduate School!

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**Figure 1**

- **THE BIG ROLLOVER**
- *oil buyer's market* → *seller's market*

*Annual Oil Production (Billions of Barrels)*

**World Energy Demand**

- By region
- By fuel

*World Energy Demand for 1950-2060*