



# GeoGathering 2010

GIS Solutions for Oil and Gas Gathering

August 26, 2010  
The Woodlands, TX

## Survey Results: Challenges Facing Gathering Operators

Ron Brush

President

New Century Software

# During this Presentation



## Web Survey

## Live Surveys

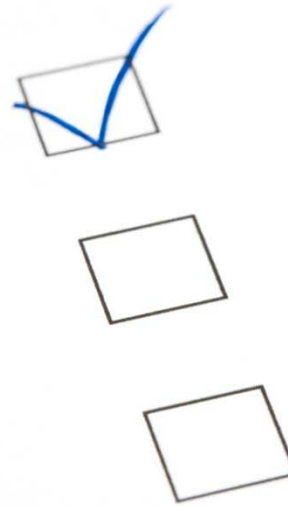


# Live Survey



# Survey Notes

- Multiple people from a company could submit answers
- Three surveys sent out
- All questions were voluntary



# Survey Responders



- Survey emailed to about 3,000 people
- 115 Operators responded
- Average of 82 answered questions on challenges (others skipped question)

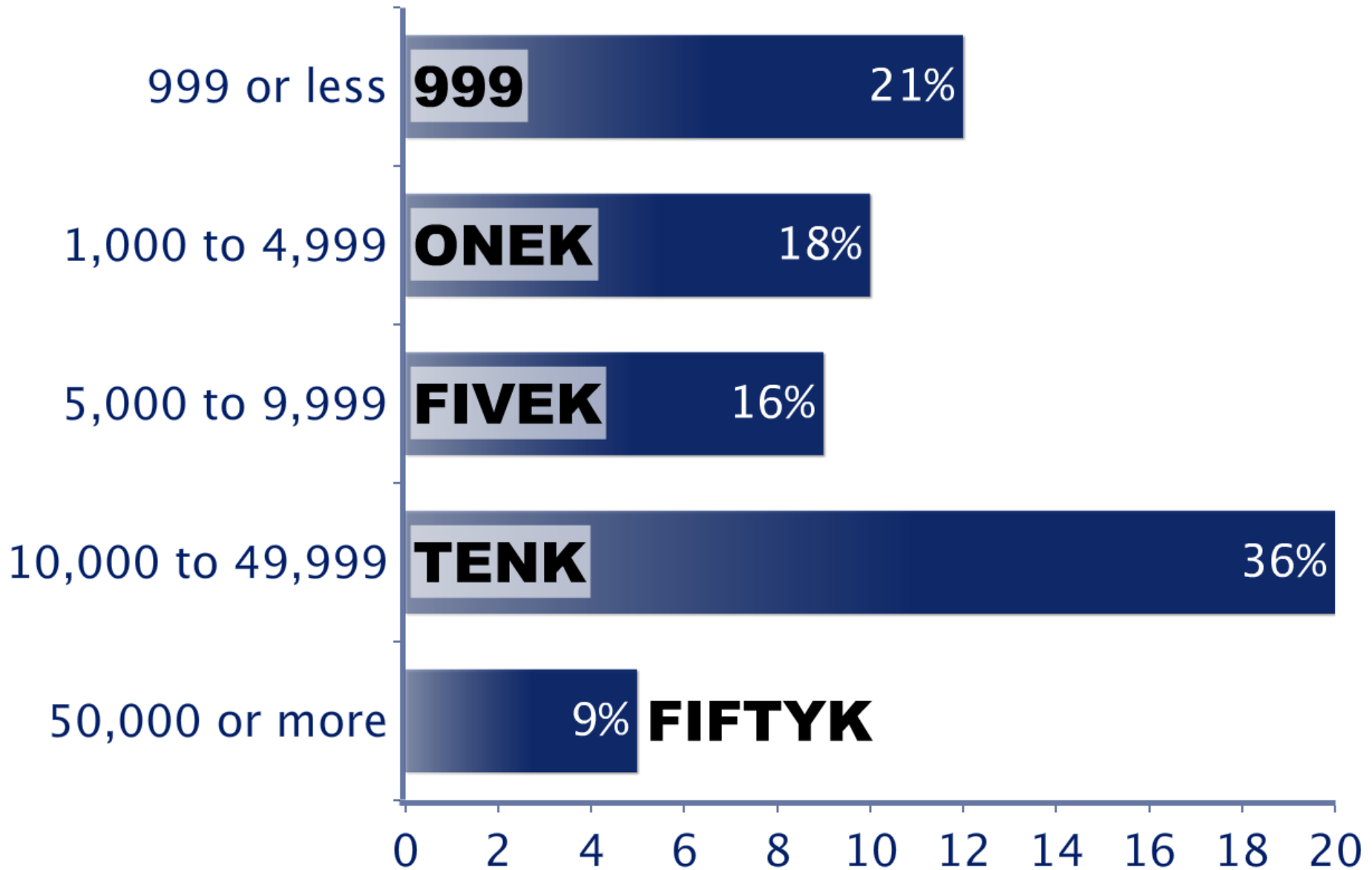
# Total Mileage of Gathering Pipeline



Text a **KEYWORD** to **22333**

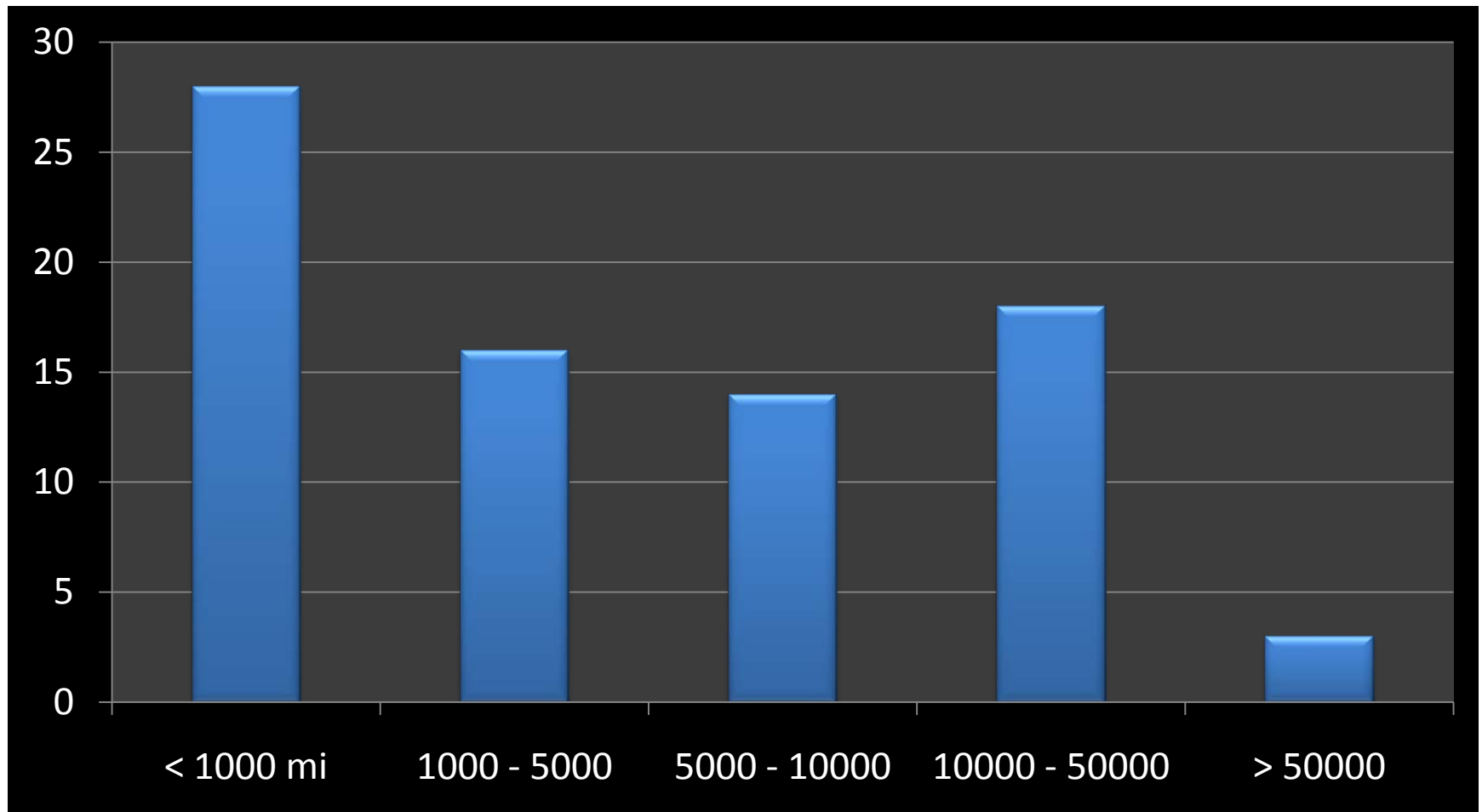


Submit a **KEYWORD** to <http://poll4.com>

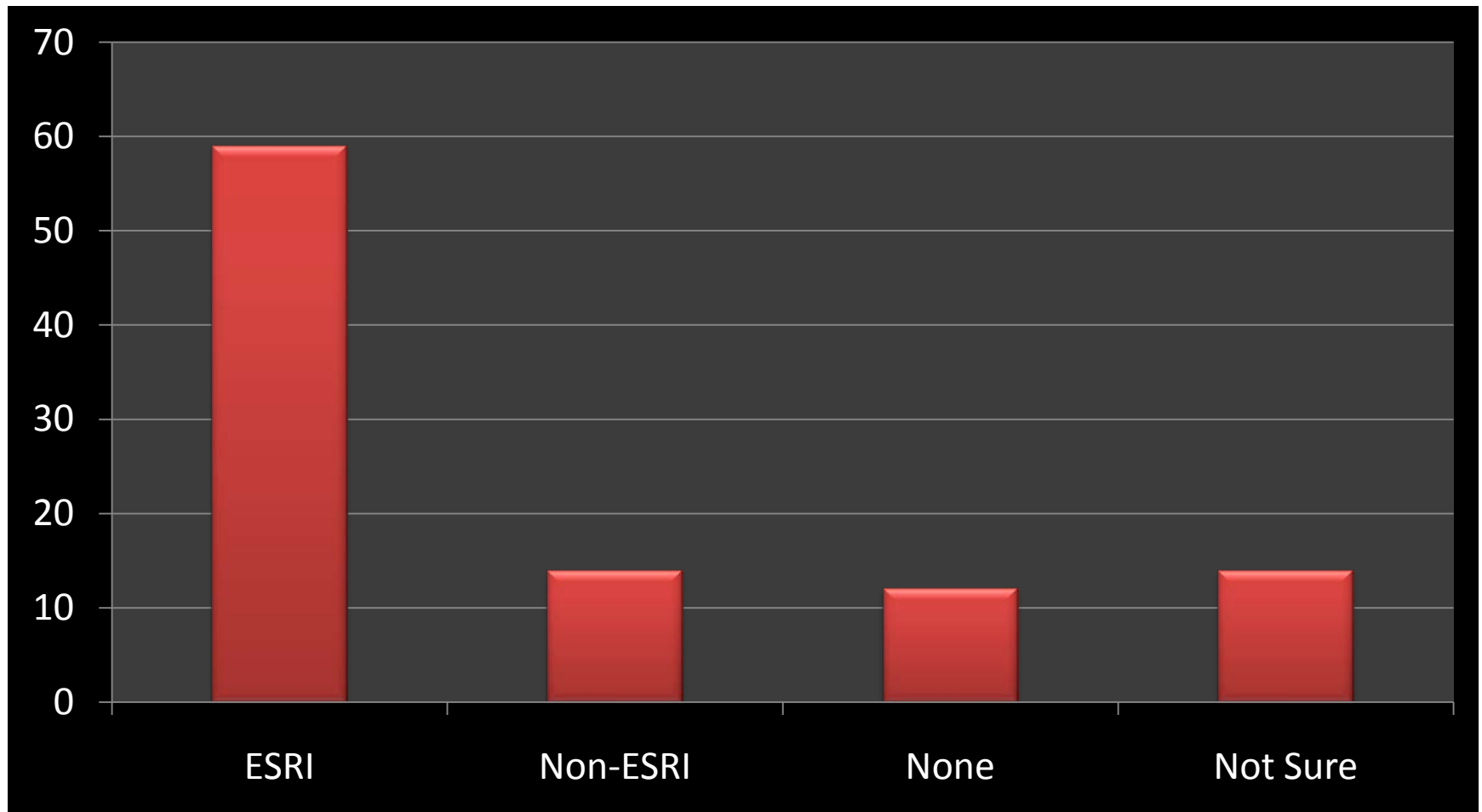


Total Results: 56

# Gathering Mileage

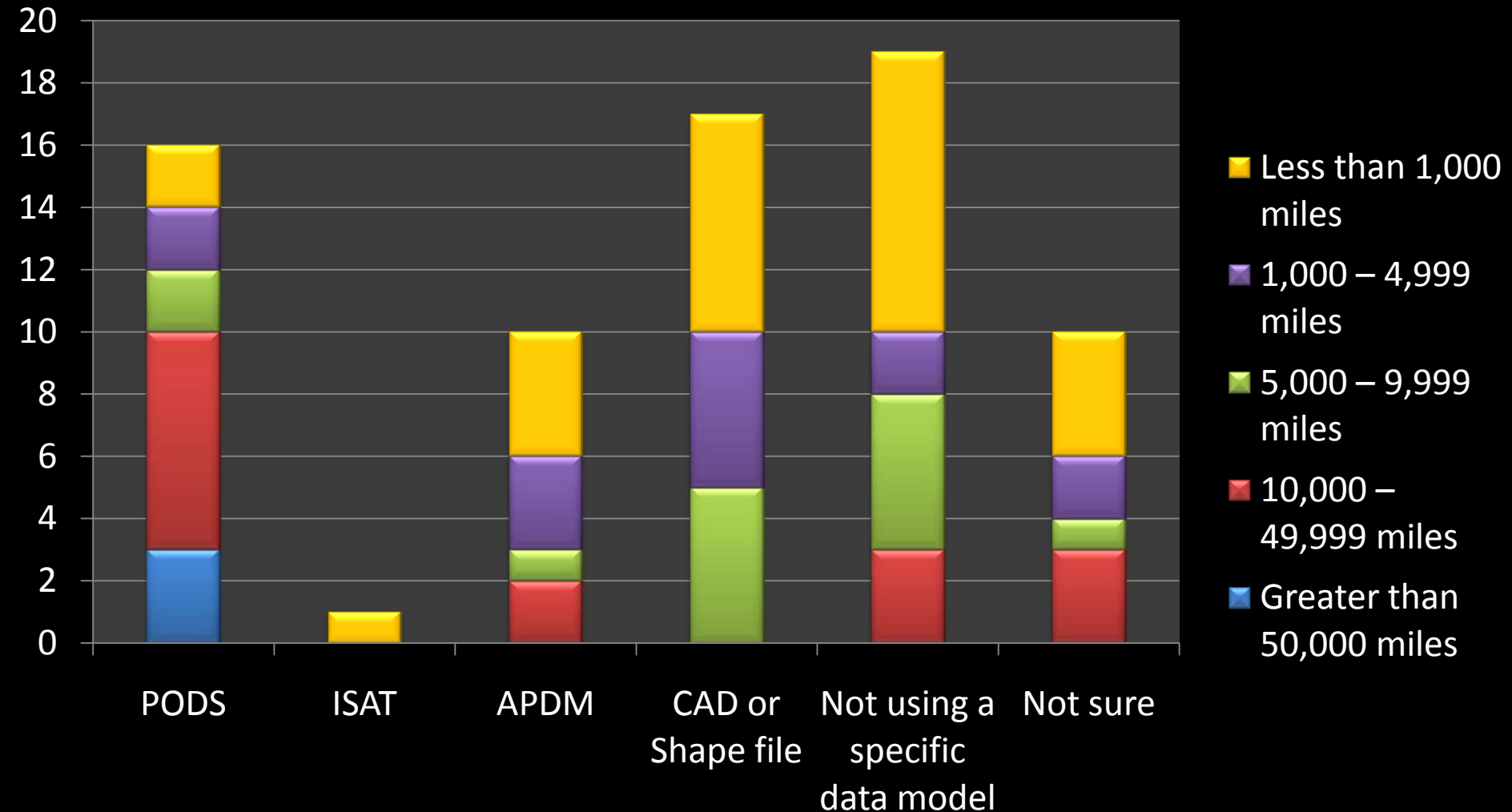


# GIS Platform





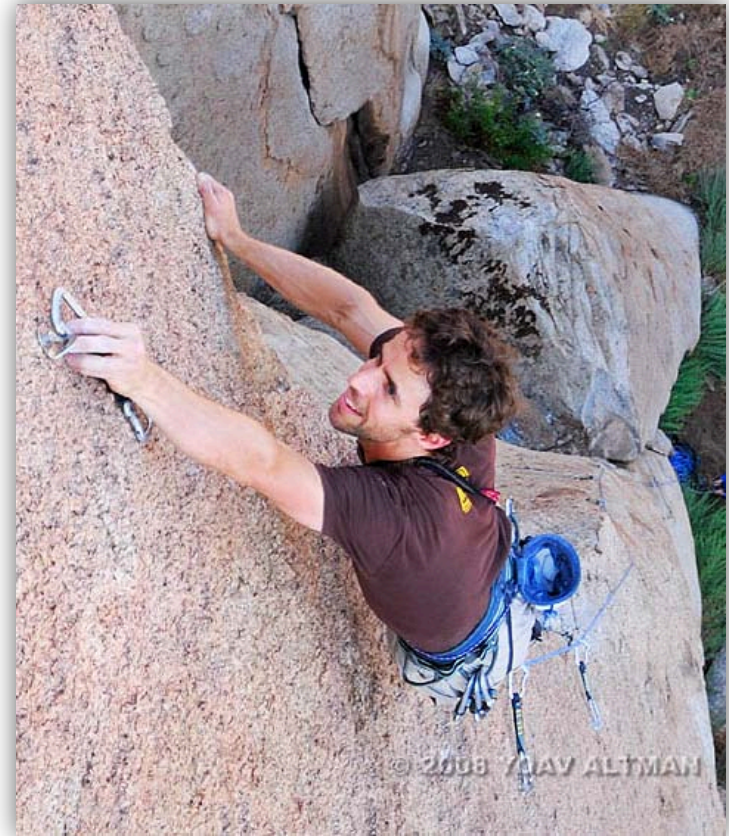
# Data Model By Mileage



# Managing Data

## Top Challenges:

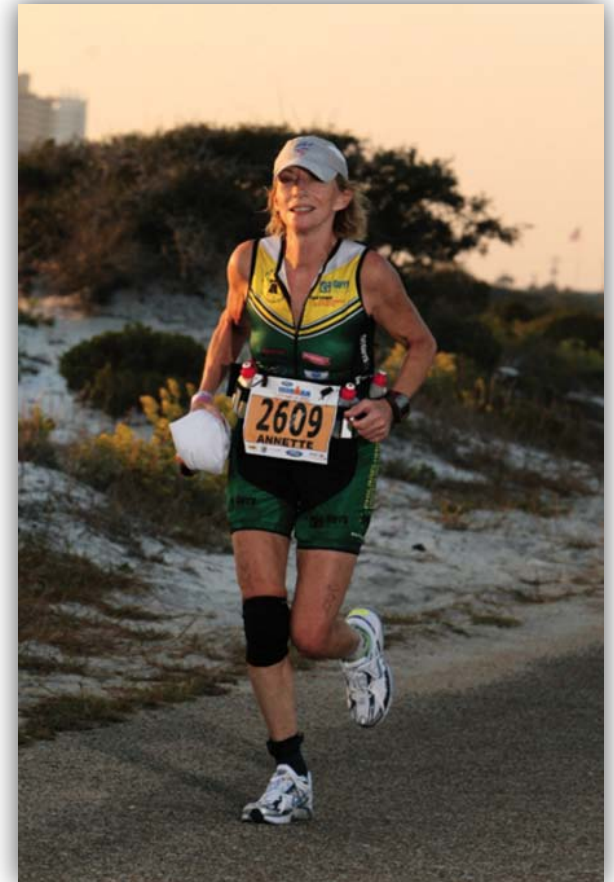
- Data Accessibility for Field Personnel
- Improved Centerline Accuracy
- Clean-up existing data
- Integrating GPS data



# Utilizing the Data

## Top Challenges

- Risk Assessment
- One Call Ticket Response
- Class Location Analysis
- HCA Threat Identification



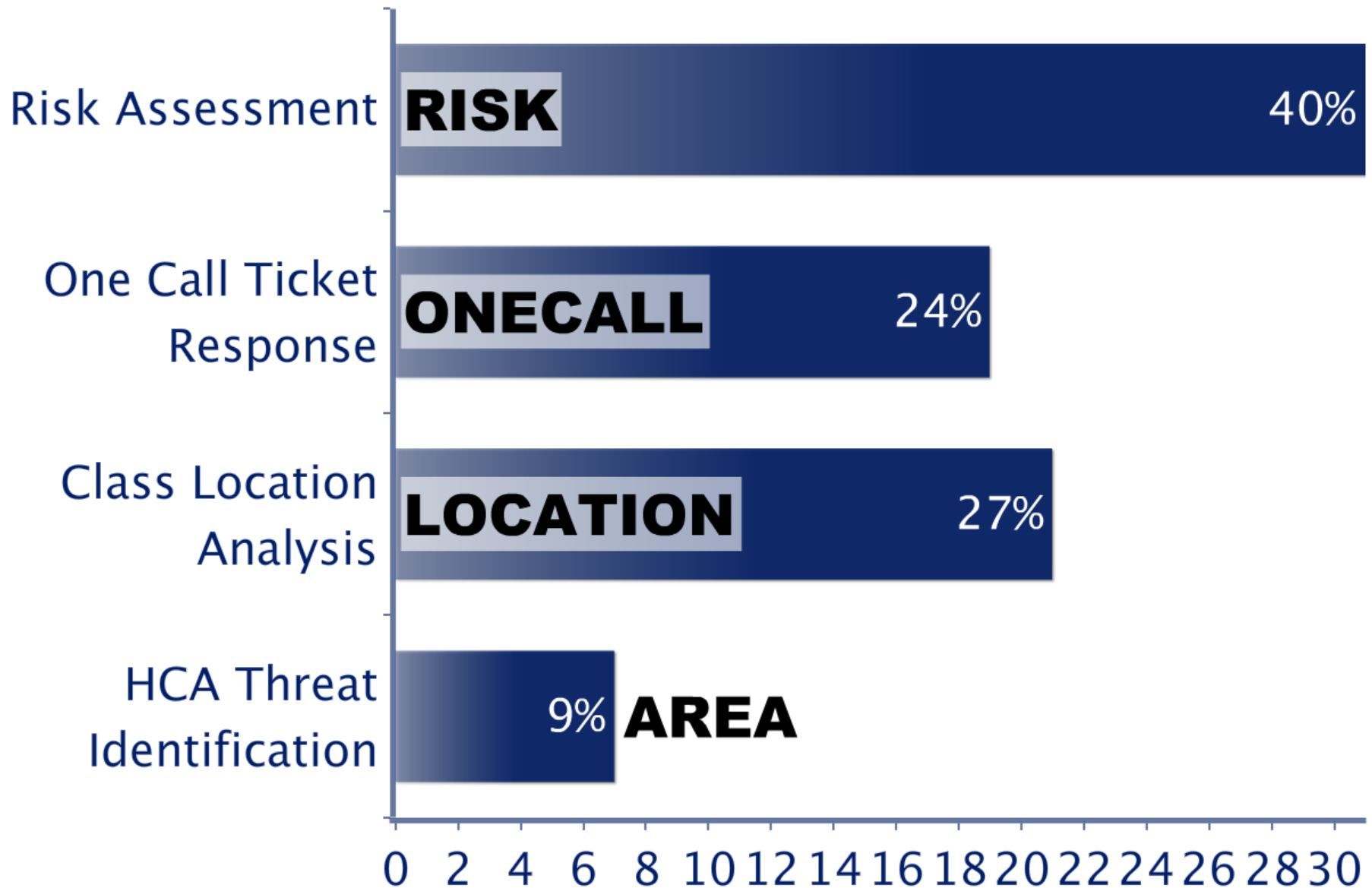
# What is the top Challenge for Utilizing Data?



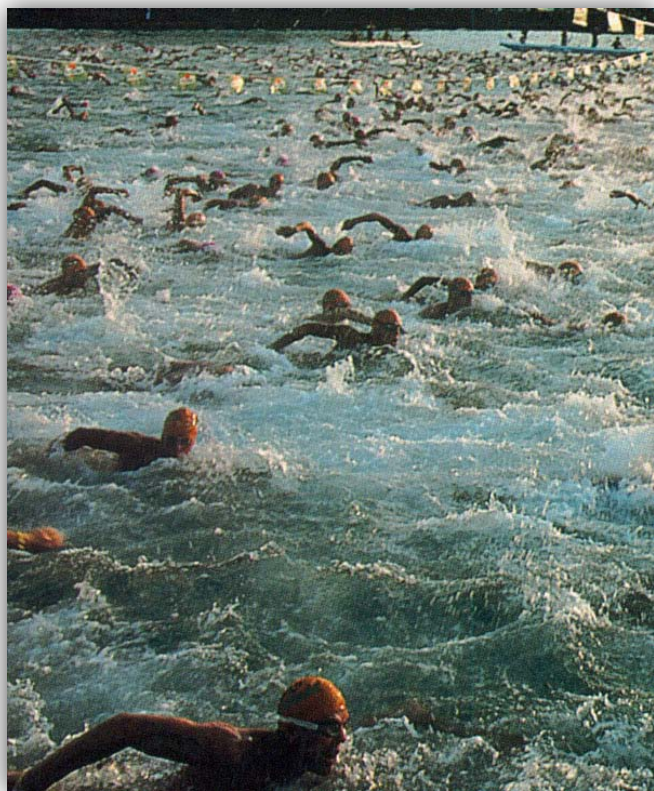
Text a **KEYWORD** to **22333**



Submit a **KEYWORD** to <http://poll4.com>



# Organizational



## Top Challenges

- Increased support/funding from management
- Support from IT or other internal systems
- Integration with other enterprise systems

# A Few Observations

- Significant number of operators using CAD or Shape files, or no specific data model
- The more mileage, the greater the challenges of cleaning-up existing data
- The more mileage, the greater the importance of integrating GPS data from the field
- Data accessibility for field personnel is same importance regardless of pipeline mileage
- Cleaning up existing data was much higher priority for ESRI users



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