



Pennsylvania
Pipeline Safety Seminar
October 2009
State College, Pennsylvania



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U.S. DOT/PHMSA T&Q



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YOUR INSTRUCTOR



WELCOME

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PHMSA

Pipeline and Hazardous Materials
Safety Administration

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CODE CAN BE FUN!  **2009**
EDITION

PART 192
FOR
FOR

NEWBIES

REGULATIONS
FOR THOSE
WHO
OPERATE
PIPELINES!

KEEP A COPY
BY THE BED
FOR SLEEPLESS
NIGHTS!





Alphabet Soup of the Day

PHMSA = Pipelines and Hazardous
Materials Safety
Administration

OPS = Office of Pipeline Safety

TQ = Training and Qualifications



DOT Reorganization

NTSB

DOT

FMCSA

FRA

MARAD

FAA

NHTSA

RITA

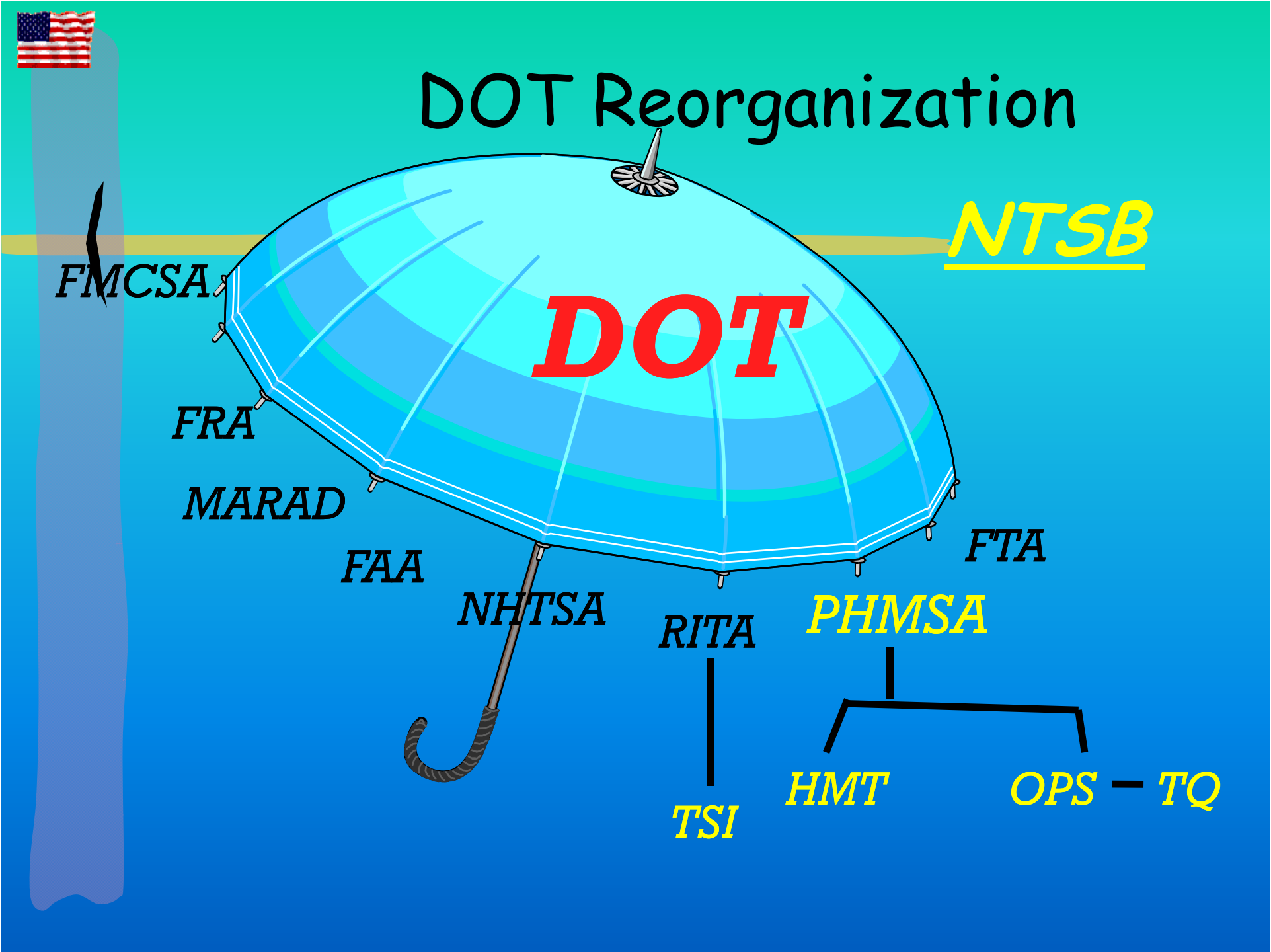
PHMSA

FTA

TSI

HMT

OPS - TQ





PHMSA's Mission Statement

To ensure the **safe, reliable,**
and **environmentally sound**
operation of the nation's
pipeline transportation
system.



PHMSA Office of Training and Qualifications

Providing Training For:

- ◆ State and Federal Pipeline Inspectors (Courses in OKC)
- ◆ Industry Personnel via Seminars





DEPARTMENT OF TRANSPORTATION
Pipeline and Hazardous Materials Safety Administration
www.dhs.gov/PHMSA



A Department of Transportation
Pipeline and Hazardous Materials
Safety Administration

PIPELINE SAFETY REGULATIONS

PART 191

Design, Materials, Fabrication, Testing, and
Quality Assurance Control System
Requirements

PART 192

Regulation of Pipeline, Gas and Liquid Pipeline,
Manufacturing, Safety Standards
(Including 49 CFR

192.101-192.103
192.105-192.107
192.109-192.111

April 2007



Waivers

Section 60118 of

Law

Operator can be Waived
from Compliance with a Safety
Standard



Intrastate - Petition to State

Interstate - Petition to Regional
Office




Waiver Concerns

- ◆ Not a way to "skirt" the law
- ◆ Not always timely
- ◆ Inconsistencies among states, states/PHMSA, and PHMSA
- ◆ No central database
- ◆ PHMSA has not always stated reasons for acceptance/rejection
- ◆ Not widely used by industry

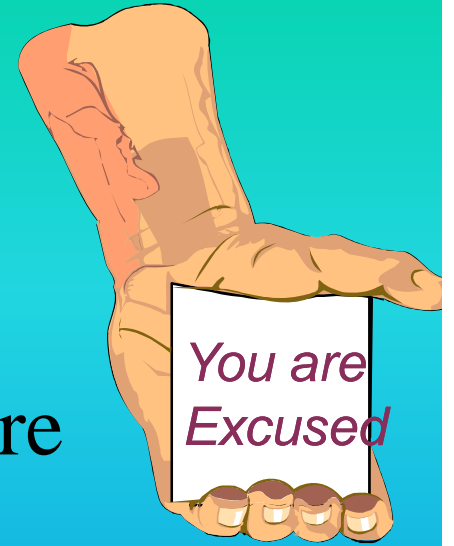




Special Permit

 Federal Register (72 FR 6042) – notice informed the public that we were changing what we will call a decision granting such a request to a special permit.

- # Will not reduce safety.
- # Commonly add safety conditions to decisions





Grant of Special Permit



February 12, 2008 (Volume 73, No. 29)



Grant Key West Pipeline Company (KWPC) a special permit waiving compliance from the Federal pipeline safety regulations that require a hazardous liquid pipeline operator to place a marker over the center of an exposed underwater pipeline segment





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Types of Regulatory Language in 192



No Smoking

Specification

VS.

Performance



Specification Regulations

Advantages:

- ◆ Easy to Determine Compliance
- ◆ Easy to Determine a Course of Action
- ◆ Uniformity of Means of Compliance



Specification Regulations

Disadvantages



- ◆ Do Not Specify Level of Safety
- ◆ Do Not Allow for Variations in Environment, Operating, or Physical Characteristics
- ◆ May Require Unnecessary Cost
- ◆ Do Not Encourage Technology



Performance Regulations

Advantages

- ◆ Allow for Adaptation to an Individual Situation
- ◆ Encourage Development of New Equipment
- ◆ Allow Economical Solutions to Achieve the Desired Level of Safety
- ◆ Promote Safety and Not the Letter of the Law



Performance Regulations

Disadvantages

- ◆ Difficult to Determine Compliance
- ◆ Some operators may not understand exactly what is required, and attempts to comply may result in problems that could jeopardize safety





“Process” Regulations

New Initiative ~ IM, OQ, PA

“Common Threads”

- ◆ Formal Written Program
- ◆ Management Commitment & Support
- ◆ Defined Roles & Responsibilities
- ◆ Use of Industry Standards
- ◆ Long-term vs. Short-term
- ◆ Monitoring Progress
- ◆ Periodic Formal Evaluation & Review
- ◆ Management of Change
- ◆ Continuous Improvement



Alert Notices & Advisory Bulletins

- Alert Notices, a notice of a situation of immediate safety concern
- Advisory Bulletins, an advisory not of immediate safety concern.



Alert Notices & Advisory Bulletins

- # PHMSA uses Advisory Bulletins to inform affected pipeline operators and all Federal and state pipeline safety personnel of matters that have the potential of becoming safety and/or environmental risks.



Information Available from PHMSA

- ◆ Latest News
- ◆ Training Calendar
- ◆ Joint Industry Training
- ◆ Operator Qualification
- ◆ Resource Links
- Regulatory Information
- Codes
- Pipeline Safety Laws
- Federal Regulatory Information



PHMSA Information Websites

PHMSA Training and Qualification

<http://www.phmsa.dot.gov/pipeline/TQ>

PHMSA Pipeline Safety Regulations

**[http://www.phmsa.dot.gov/pipeline/TQ/
Regulations](http://www.phmsa.dot.gov/pipeline/TQ/Regulations)**

PHMSA Rulemaking

**[http://www.phmsa.dot.gov/pipeline/regs
/rulemaking](http://www.phmsa.dot.gov/pipeline/regs/rulemaking)**



*Remember,
We're with the Government
And We're Here to Help!*



Lane
Miller

John
West

Wayne
St. Germain

Wally
McGaughey



Dewitt
Burdeaux



Pipeline Safety Websites

ops.dot.gov

primis.phmsa.dot.gov