

# COUNCIL FOR DREDGING AND MARINE CONSTRUCTION SAFETY

[WWW.CDMCS.ORG](http://WWW.CDMCS.ORG)



# FOUNDING MEMBERS

Dredging Contractors of America

Associated General Contractors

US Army Corps of Engineers

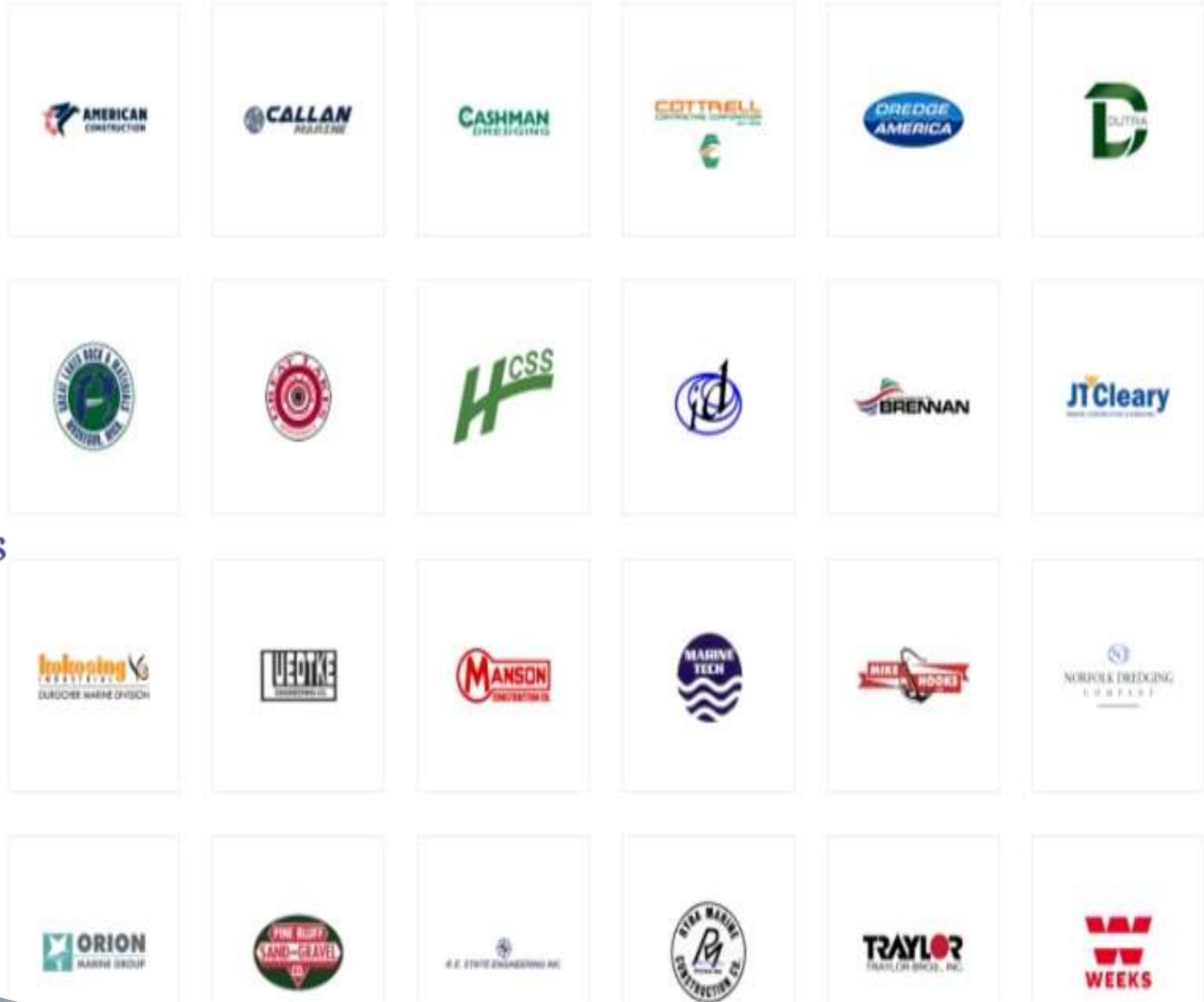


Dredging  
Contractors  
of America



US Army Corps  
of Engineers®

## CDMCS MEMBERS



# VISION & MISSION

**OUR VISION: Creating a 100% injury free workplace for the dredging and marine construction industry.**

**OUR MISSION: Raise the industry standard on safety, in collaboration with our USACE partners, to protect our workers, resolve safety disputes, and build a safety-first culture.**





**COUNCIL FOR DREDGING  
MARINE CONSTRUCTION  
SAFETY**



**CDMCS**



# USACE Safety Briefings

## USACE BRIEFING TO CDMCS WORKING GROUP

HQUSACE Safety  
May 2017

*"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."*

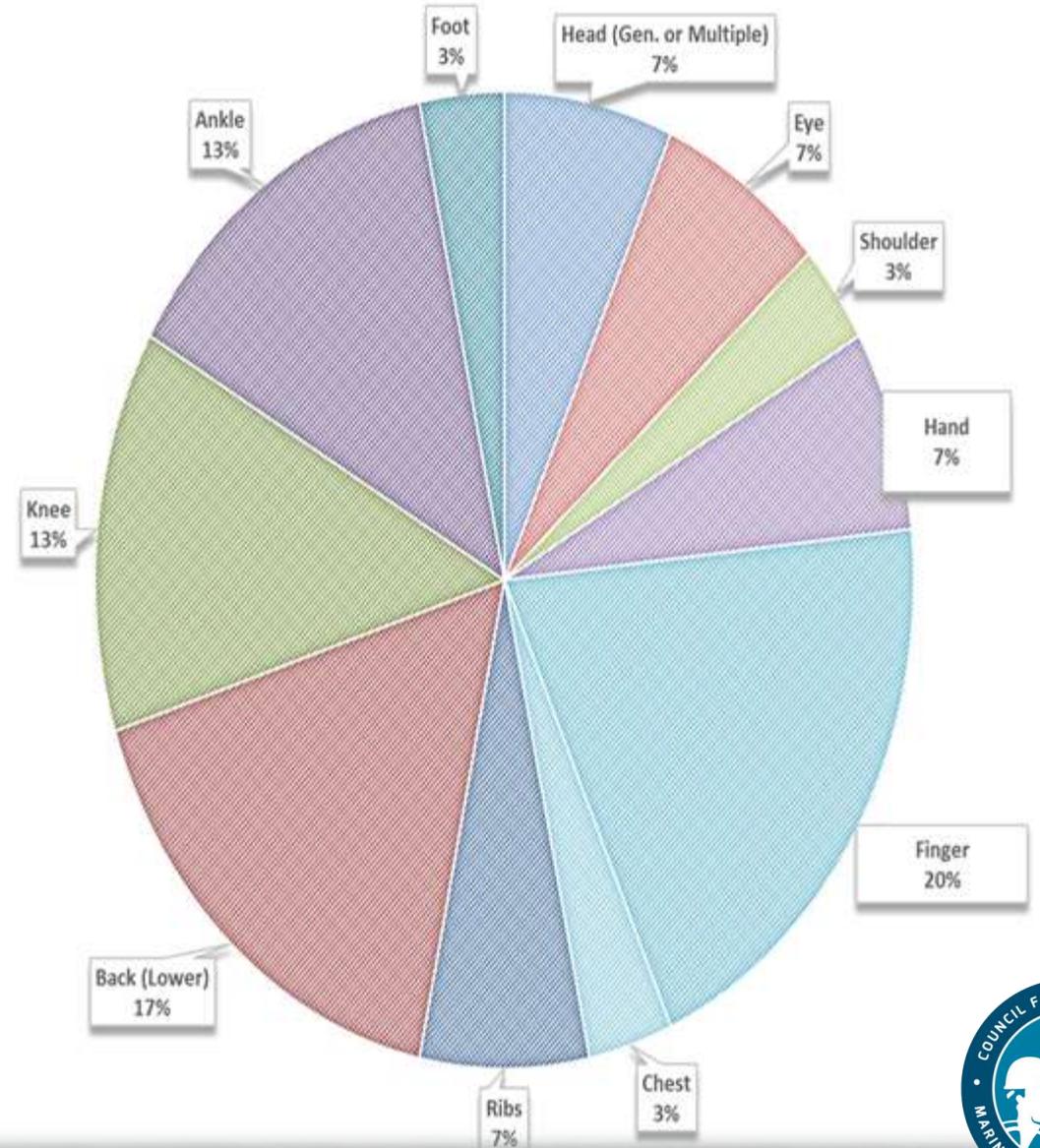


**ANALYTICS REPORT**

CDMCS.ORG  
Prepared by: Gray Street Solutions, LLC

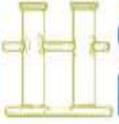
# Industry Safety Statistics

2017 1ST QTR BODY PART





COUNCIL FOR DREDGING &  
MARINE CONSTRUCTION  
SAFETY

**SAFETY**  
**BI**  **S**

**LOCKOUT / TAGOUT PROGRAM**



Prior to performing maintenance, repairs or modifications to any machinery every energy source must be deactivated, residual (stored) energy must be dissipated, energy supplying controls must be in the “off” position, and a positive locking and warning system must be in place.

- Over 50 Toolbox meetings now available online
- PowerPoint Safety Meetings
- Safety Posters





Wellness2000, Inc.

**MOVIE**  
M E D I A

# Airgas

GASES, WELDING & SAFETY PRODUCTS



*Substitutions*  
**GRAY STREET**

# CATERPILLAR®



In-cab/External Alarm when tagged person or object is in detection zone

External Alarm

In-cab Alarm

RFID safety vest and/or hard hat identifies workers

RFID tag attached to objects to identify hazards

PL/VL Integration\* with telematics for near-miss alerts and notifications

\*PL/VL Integration  
Current SCAN-LINK Version: Custom integration of digital switch inputs on ICM  
Gen 3 Cat version - Optional ProductLink integration module (available 02/19)



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# Looking Ahead

- Additional Video Productions
- Continued outreach with safety associations – AGC, ANSI, AWO, NSC
  - CDMCS meetings in different district locations
    - Revision of Fatigue Management Plan
  - Managing the Opioid Crisis within the industry
  - CDMCS safety recognition award / Safety Day
    - Continued membership drive



# MODERNIZING SAFETY CULTURE: COTTRELL CONTRACTING'S BIG SHIFT

SAFETY CULTURE

**COTTRELL**  
CONTRACTING CORPORATION  
EST 1928



# Safety Culture, what is it ?

Safety culture is a part of organizational culture, and has been described by the phrase “the way we do things around here.”

Studies have found that workplace related disasters are a result of a breakdown in an organization’s policies and procedures that were established to deal with safety, and that the breakdown flows from inadequate attention being paid to safety issues.

A good safety culture can be promoted by senior management commitment to safety, realistic practices for handling hazards, continuous organizational learning, and care and concern for hazards shared across the workforce



# The Cottrell Safety Journey

- The company “buy in”
  - Stop work authority
- Improving Company Safety Policies
  - Upgrade of Safety Gear
  - “Hands On” Training
- Having a open channel to senior management
  - Site visits

**Respect & Accountability**



Respect...has to be earned

Listening to what the crew  
has to say- taking  
suggestions

Don't ask someone to do  
something you wouldn't do

Share safety experiences



# Connecting with the crew during Safety / Toolbox Meetings

Don't Read the "Toolbox talk" verbatim

Some people are visual learners

Use different methods and ways to teach

Hands on training

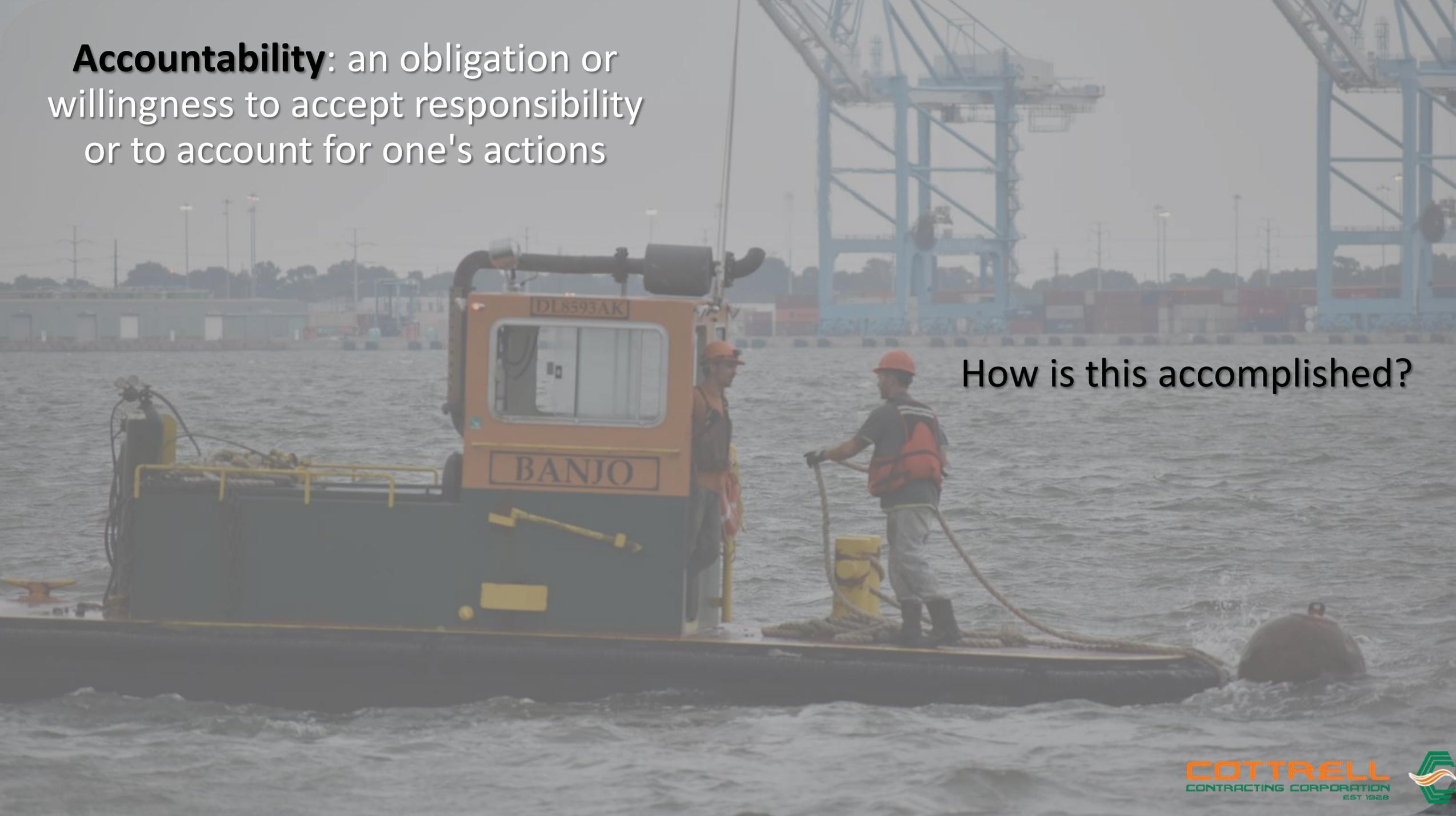
Notice the ones that are making the difference,  
use positive reinforcement





**Accountability:** an obligation or willingness to accept responsibility or to account for one's actions

How is this accomplished?



# Monitoring

- Drone Surveillance
- Onboard Camera Systems
- Visual Inspections
- Night / Weekend Visits







**It's not about spying, it's about safety. It's about holding people accountable for their actions.**

**An average American citizen can be caught on camera more than 75 times a day.**



## Results

Injuries down 70%

Incidents down 50%

Dramatic increase in near miss reporting

No lost time or serious injuries to 3<sup>rd</sup> quarter 2017







Questions?

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