



Sino-U.S. Maritime Oil Spill and Emergency Response Management Seminar and Expo

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INTERNATIONAL
TRADE
ADMINISTRATION



China Maritime Industry Overview



- China is one of the world's largest maritime markets with a coastline of 32,000 kilometers and over 1,400 harbors.
- From North to South along China's east coastline, there are five coastal port groups established:
 - Bohai Bay Rim Port Cluster
 - Yangtze River Delta Port Cluster
 - South East Coast Port Cluster
 - Pearl River Delta Port Cluster
 - Southwest Coast Port Cluster



12th Five-Year Plan and Marine Industry

In the 12th Five-Year Plan, the Chinese government announced that it will spend over \$450 billion USD on maritime environmental protection and oil spill response.

Goal of the 12th Five-Year Development Plan of Transportation Safety and Emergency :

By 2015, China expects to make significant advancement in the areas of regulations and emergency plans, equipment and facilities, information technology, workforce quality and infrastructure safety capabilities.



Opportunities in China Maritime Industry

- Communication and supervision system
- Flight supervision and rescue
- Large-and-mid-sized vessels and bases for supervision and rescue
- Capability for marine oil spill emergency response
- Equipment for emergency rescue and salvage
- Navigation mapping system
- Equipment for waterway maintenance and public security control and prevention





About Foreign Commercial Services

The U.S. Commercial Service is the trade promotion arm of the U.S. Department of Commerce's International Trade Administration. Located across the United States and in U.S. Embassies and Consulates in nearly 80 countries.

Business Matchmaking

- **Gold Key Matchmaking**
- **Business Facilitation Service**

Trade Promotion Events

- **Catalog Exhibitions**
- **International Buyers Program**
- **Trade Missions / U.S. Pavilions**

Market Intelligence

- **Country and Industry Report**
- **Customized Market Research**
- **International Company Profile**

Tailored Programs

- **Commercial Diplomacy**
- **Trade Advocacy**
- **Single Company Promotion**



About Foreign Commercial Services

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U.S. Commercial Service—Guangzhou

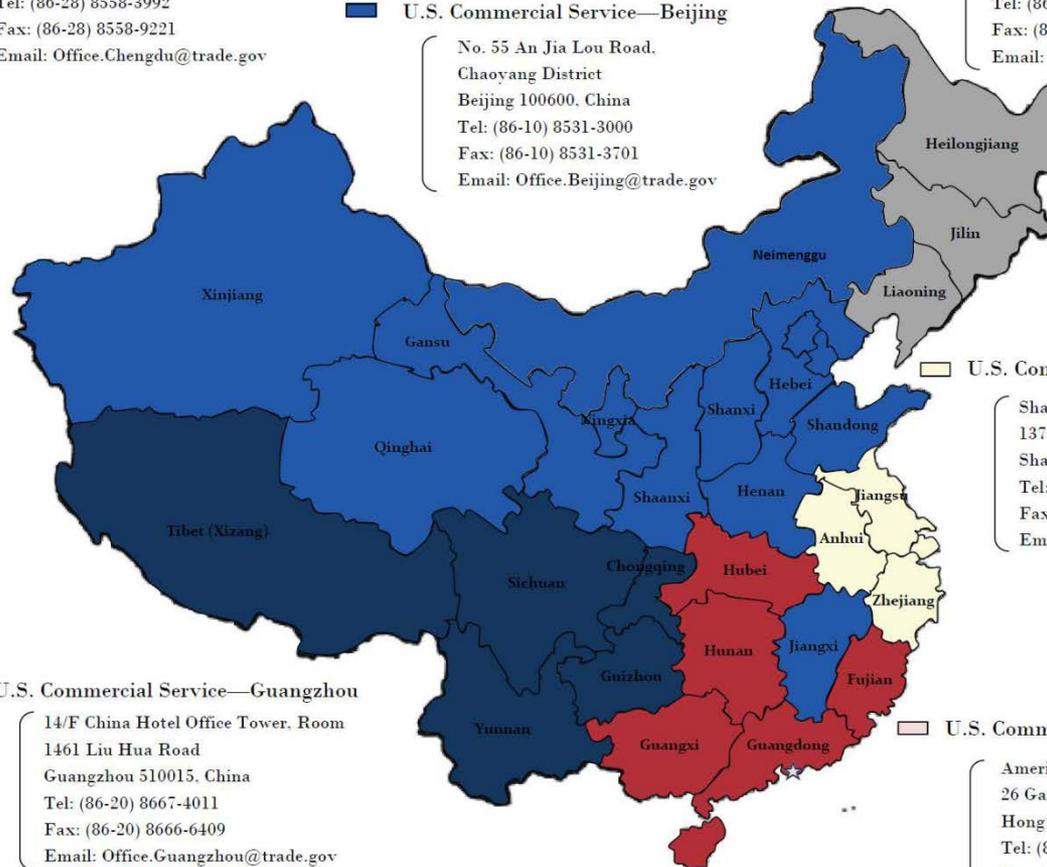
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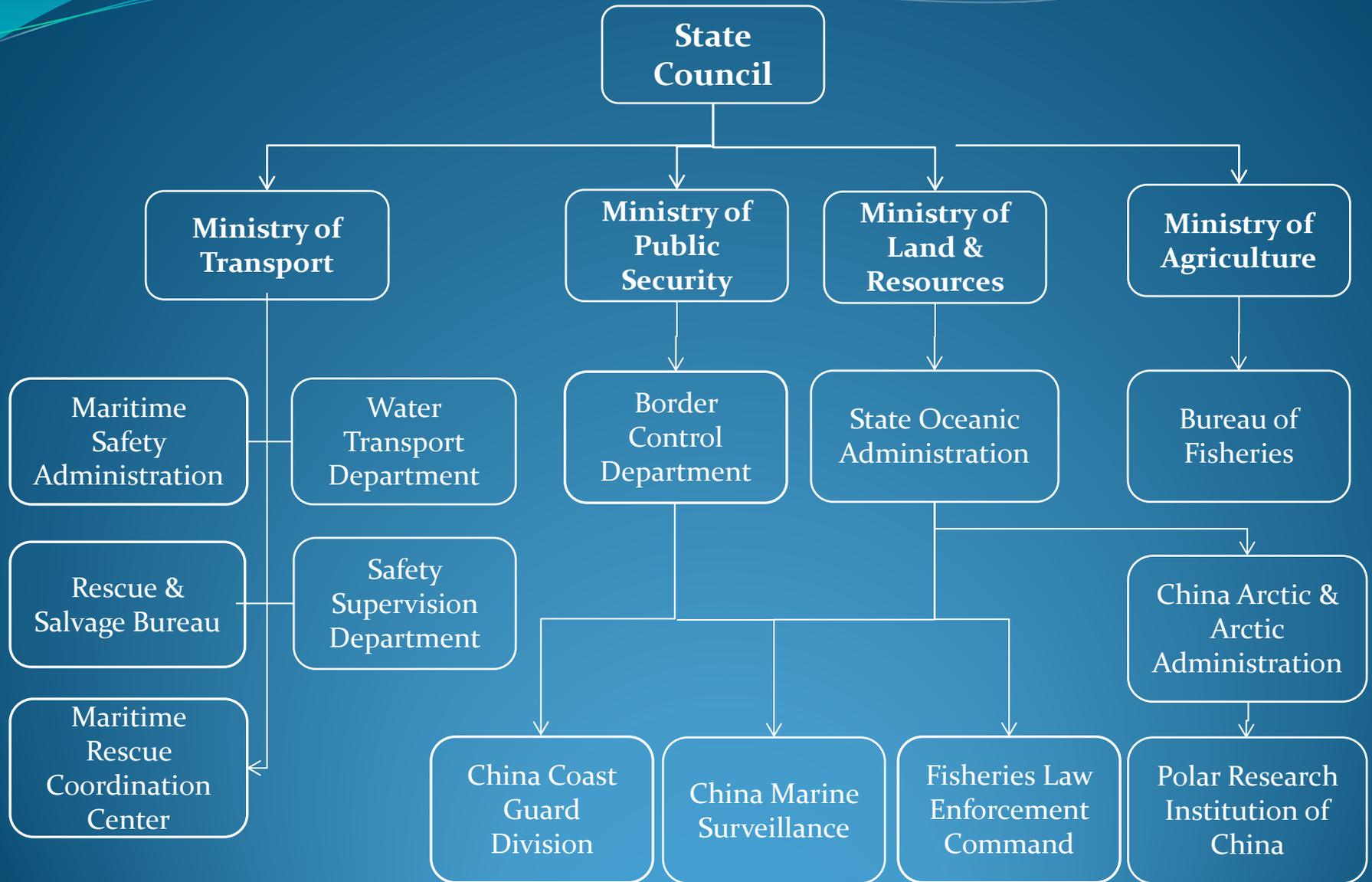
China's Maritime Pollution Regulations and Potential for Enhanced Cooperation

Captain Barry Compagnoni, USCG
USCG Liaison to China
US Embassy Beijing

China - Influential Maritime Nation

- **Internationally, Regionally, Bilaterally**
 - Signatory to UNCLOS
 - World's 2nd Largest Economy; #1 Maritime Trading Partner with US
 - IMO Group A member; APEC, ARF, APHoMSA
 - Strategic & Economic Dialogue, Transportation Forum
- **Maritime System of Facilities, Ports, Vessels**
 - 8K nautical mile coastline
 - 6 of the Top 10 Ports in the World; 82K vessels calls in 2010
 - Shanghai world's busiest port (2010; 29M TEU)
 - 3rd largest Fleet of Commercial Flag State Vessels (PRC & HK)
 - #1 Shipbuilding Nation in the World (by tonnage)
 - 289,000 Motorized Fishing Vessels; 1,500 operate internationally

China Civil Maritime Organization



Progress & Interest in Disaster Response

- Historically focused on Government policy role
 - 1983 pollution regulations
 - Northwest Pacific Regional Contingency Plan
 - MSA/SOA visits to US
 - Limitations on training and assistance
- Ministry of Transport Reverse Trade Mission
 - Coordinated with US-China Transportation Forum
 - Widened connection to US industry
 - Future focus on cooperation with US response community

New MOT Pollution Regulations

- Common with US
 - Local integrated planning
 - Creation of Pollution Fund
 - Classified Oil Spill Response Organizations
- Areas of departure with US
 - Vague performance standards, incident command system
 - No FOSC-equivalent individual
 - Much of details of planning process, training, and pollution fund still need to be developed
- Pollution from off-shore facilities not included
 - Except in case of major spill

Sino-U.S. Maritime Oil Spill and Emergency Response Management Seminar and Expo

- 4 June: Welcoming dinner – Hosted by MOT, MSA and Port of Qingdao
- 5 June: Seminar & Expo of U.S. response industry capabilities
- 6 June: China's outlook and Qingdao port tour

0900: Session One

- Conoco Phillips
 - Review of 2011 Bohai Spill Event
 - Organizing for Incident Management and Command
 - Applying Command Structure to Bohai Bay Incident
- US Department of Transportation
 - US National Contingency Plan
 - Incident Command System
- US Coast Guard & Maritime Safety Administration
 - Introduction to Scenario

1100: Session Two

- Command, led by Witt O'Brien's
 - Best Response Principles
 - Contingency Planning
 - Unified Command Roles & Responsibilities
 - Objectives, Priorities, and Key Decision setting process
 - Operational Period
 - Joint Information Center and Public Relations
 - Role of Liaison Officers

1300: Session Three

- Planning & Assessments, led by Gallagher Marine
 - Planning Section Responsibilities
 - Situational Awareness
 - Oil Fingerprinting and Investigation
 - Trajectory Modeling
 - Aerial Assessments
 - Natural Resource Damage Assessment Process

1500: Session Four

- Operations, led by T&T Salvage
 - Operations Section Roles & Responsibilities
 - Search & Rescue, Salvage Operations
 - Containment & Protection strategies
 - Dispersant use
 - Waste disposal

Areas of Future cooperation and focus

- Support training and classification process
- Support pollution response operational plan, standards of performance, contingency planning (Tiers One, Two, and Three)
- Support pollution fund organization and operation
- Enhance technical capabilities
 - Incident management, containment, removal, spill identification, assessment, exercise program
- Enhance resource damage assessment process
- Enhance understanding of MOT and SOA responsibilities

Sino-U.S. Maritime Oil Spill and Emergency Response Management Seminar and Expo



INTERNATIONAL
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- ✓ USD \$650 includes two delegates from each company (\$300 each additional)
- ✓ Participation in Seminar and Expo
- ✓ Speaking role in Seminar (Space limited)
- ✓ Participation in networking lunch and dinner
- ✓ Inclusion in Expo Brochure
- ✓ One trade expo table per company
- ✓ Tour of the Port of Qingdao

Register no later than Friday April 19th

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SINO-U.S OIL SPILL & EMERGENCY RESPONSE MANAGEMENT SEMINAR & EXPO



**QINGDAO, SHANDONG – CHINA
JUNE 4-6, 2013**

Welcome from the U.S. Embassy - China

The U.S. Commercial Service is pleased to invite you to attend a Maritime Oil Spill and Emergency Response Management Seminar and Expo in Qingdao, the coastal city of Shandong Province, June 4-6.

China is one of the world's largest maritime markets with a coastline of 32,000 kilometers and over 1,400 harbors. In the 12th Five-Year Plan, the Chinese government announced that it will spend over \$450 billion USD on maritime environmental protection and oil spill response.

The Sino-U.S. Maritime Oil Spill and Emergency Response Management Seminar and Expo is an excellent opportunity for U.S. firms to meet influential leaders and business contacts while broadening their understanding of the maritime safety management market in China. The U.S. Commercial Service and the U.S. Trade and Development Agency, together with the U.S. Department of Transportation and the U.S. Coast Guard, is partnering with the China Ministry of Transport (MOT), China Maritime Safety Administration (MSA) and the Port of Qingdao to arrange this unique event.

Opportunities

- Expand your understanding of this fast growing industry in China
- Network with key national & provincial government officials & industry leaders
- Understand China's future training & equipment needs
- Participate in maritime safety market briefings
- Profile your products & services with trade booths

Please RSVP to Ms. Vivian Tian at Hengyan.Tian@trade.gov by **March 31, 2013**.

Additional information, contact: Joshua.Halpern@trade.gov

We look forward to your participation!

U.S. Commercial Service, U.S. Embassy Beijing, China

Itinerary (tentative)

June 4

- Arrive Qingdao in the morning
- U.S. maritime delegation to meet with China Ministry of Transport in the afternoon
- Welcome dinner

June 5 - 6

- U.S. - China Maritime Oil Spill and Emergency Response Management Seminar and Expo
- Networking lunch
- Tour of the Port of Qingdao

Cost

- USD \$650 includes two delegates from each company (\$300 each additional)
- Participation in Seminar and Expo
- Speaking role in Seminar (Space limited)
- Participation in networking lunch and dinner
- Inclusion in Expo Brochure
- One trade expo table per company

Seminar Focus

- Public Information and Warning System
- Maritime Incident Command System and Communication Technology
- Oil Spill Response, Environmental Protection, Health and Safety
- Marine Salvage and Firefighting



SINO-U.S OIL SPILL & EMERGENCY RESPONSE MANAGEMENT SEMINAR & EXPO



**QINGDAO, SHANDONG – CHINA
JUNE 4-6, 2013**

Registration Form

Company Name				
Address				
Website				
Delegates Name	Position	Phone	Fax	E-mail

Company Information

Does your product/service contain 51% U.S. content?	
Number of Employees	
Year Established	
Circle your area of focus? (You can choose more than one) A. Public Information and Warning System B. Maritime Incident Command System and Communication Technology C. Oil Spill Response, Environmental Protection, Health and Safety D. Marine Salvage and Firefighting	Participation: (A)Presenter (B)Exhibitor (C)Both (D)Only attend
Please describe your product/service briefly below:	

Registration Fee

USD \$650 includes two delegates from each company (\$300 each additional)	
<input checked="" type="checkbox"/> Participation in Seminar and Expo <input checked="" type="checkbox"/> Speaking role in Seminar (Space limited) <input checked="" type="checkbox"/> Participation in networking lunch and dinner	<input checked="" type="checkbox"/> Inclusion in Expo Brochure <input checked="" type="checkbox"/> One trade expo table per company
Notes: 1. The cost of travel and accommodation is not included in the event fee. 2. After sending the registration form, we will send you further information on payment details.	

Please send this Registration Form to Ms. Vivian Tian at: Hengyan.Tian@trade.gov or by fax: +86-10-85314343 before **April 19, 2013**. Thank you very much.

U.S. Commercial Service, U.S. Embassy Beijing, China