NEW ISO INITIATIVES
RELATED TO MARITIME
& SUPPLY CHAIN SECURITY
UN/ECE 68th INLAND TRANSPORT COMMITTEE
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EVENTS THAT CHANGED THE WORLD

- ETA’s planned bomb attack of Spanish car ferry
- October 12th 2000 Attack on USS Cole
- September 11th 2001 Attacks of WTC and Pentagon
- October 6th 2002 Attack on Limburg
THE “NEW” WORLD

- “Vacation” from war is over
- New kind of enemy --- suicidal with no return address
- New kind of warfare --- traditional warfare no longer effective
- Critical strategy requires preemption
- New war NOT fought on a battlefield only with uniformed armies
- New war requires “citizen soldiers; disrupting the enemy at its origin
- How do we do that?
- Voluntary security standards … a new weapon for the new enemy
But what about the rest?
THE SUPPLY CHAIN

Factory → Packing station → Rail → Sea passage

Warehouse ← Road ← Freight Yard ← Port Facility

The ISPS Code
SUPPLY CHAIN
A VULNERABLE TARGET

- Complex series of events and actions ... in a myriad of places, involving all products and systems
- All players are interrelated
- Need urgent to “recognize” all upstream and downstream players as “secure”
- How do players assure others are secure?
SECURING ALL CARGO
IN ALL MODES OF TRANSPORT

- Cargo types – containers; break-bulk-palletized; car carriers; bulk-LNG, petroleum; hazmat - in series of events and actions ... in a myriad of places, involving all products and systems
- All modes – air; sea; truck; rail
- Intermodal short sea shipping – rail, truck, sea- cargo carriers; passenger carriers; ferries
- Inland waterways – cross borders; tug/barge; inland vessels
A COORDINATED ISO APPROACH

THE KEY PLAYERS (Partial List):

- ISOTC8; ISOTC67; ISO TC104; ISO TC104/122 JWG;
  ISO TC154; ISO TC204; ISO/IEC JTC1 SC17, SC31, & SC37

- GOVERNMENT COORDINATION/PARTICIPATION: IMO; ILO; WCO;

- INTERNATIONAL NGO’s: IAPH; ICS; IACS;

- MAJOR INDUSTRY LIAISONS/MOUs: SCST; ITN; BIMCO; WSC;

- REGIONAL BODIES: EU; PIANC; CEN; EC-DGET; APEC; EMSA;
WHAT IS ISO/PAS 28000?

- An overarching “tool”
- A major initiative - industry and governmental cooperation
- Provides requirements for establishing, implementing, maintaining and improving a management system for security
- Applicable to a broad range of organizations
- Risk based, follows 14001, an environmental management system standard
OTHER DEVELOPMENTS

- **ISO / PAS 20858**
  - Published; Uniform industry implementation of ISPS Code

- **ISO / PAS 28001**
  - In final draft, will be consistent with WCO Framework of Standards
  - Assist industry in Best practices for custody in supply chain

- **ISO 28004**
  - Guidance for 28000, also Refers to 19011 & 17021

- **ISO 28005**
  - Under development; Electronic Port Clearance (EPC)
  - Computer –to - Computer data transmission

- **OTHER LOWER TIER - subsystem, components standards**
A MORE SECURE SUPPLY CHAIN
INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
WHAT ABOUT ISO?

- World’s dominant standards writing organization

- Founded in 1946 ... private sector industry network of standards bodies

- Traditional role:
  - Develop international standards for products, services, processes, materials and systems
  - Develop standards for conformity assessment, managerial and organizational practice
  - Help ensure quality, ecology, safety, economy, reliability, compatibility, interoperability, efficiency, effectiveness and other vital characteristics, including the facilitation of trade and dissemination of technology
WHY STANDARDS FOR SECURITY?

- Need for security urgent – not evolving
- Other initiatives not enough … ISPS Code etc.
- Terrorism, fraud and piracy are not national problems – national solutions and unilateral government actions will not work
- Easy to understand why standards now entering security ‘arena” as “new weapon” in “new war”
  - Drafted by international “experts” who achieve consensus …does not favor an industry or a country
  - Voluntary
  - Honor no nationality or border
  - A pragmatic approach
WHAT IS ISO/PAS 28000?

- The specification for security management systems for the supply chain
- First of a series of security standards
- Drafted by TC8 in collaboration with other technical committees responsible for specific nodes of the supply chain
- 14 countries participated...and many international bodies- both Government & NGOs
- Completed in 8 months – Standards CAN meet ‘on time’ needs