

Maritime Security

Building the Information Infrastructure

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泛太平洋海运
会议亚洲年会

Introduction



Potential for
Disruption



Security
creating the
infrastructure



The Shipping
Community

Disruption



- Japan 24 Hour Rule goes into effect on March 1, 2014
- Both VOCC and NVOCC must file
- No “Carrier Option”
- No AFR Filing – No Cargo Discharge
- Filing must be against vessel calling Japan

Europe / Asia Trans-shipment



1

Hamburg to Busan
HBL / Shipment Data Entered

2

Busan to Tokyo
(Requires AFR)

3

Track cargo and confirm feeder
connection and vessel information



Accelerating the Supply Chain

Security requirements are creating an information super highway

- Consistent Data
- Consistent Processes

Consistent Data



Japan	USA	Canada
Shipper Name, Address	Shipper Name, Address	Shipper Name, Address
Consignee Name, Address	Consignee Name	Consignee Name, Address
Notify Name, Address	Notify Name, Address	Notify Name, Address
Master Bill of Lading Number	Master Bill of Lading Number	Master Bill of Lading Number
Vessel Code (call sign) and Voyage Number	Vessel Code (call sign) and Voyage Number	Vessel Code (call sign) and Voyage Number
Place of Receipt, Port of Loading, Port of Discharge, Destination	Place of Receipt, Port of Loading, Port of Discharge, Destination	Place of Receipt, Port of Loading, Port of Discharge, Destination
Carrier Code	Carrier Code	Carrier Code
Container Number and Size	Container Number and Size	Container Number and Size
Harmonized System Code (HTS) 6 digits	Harmonized System Code (HTS) 6 digits	Harmonized System Code (HTS) 6 digits
IMDG Class Number –container level	IMDG Class Number –container level	IMDG Class Number –container level

Consistent Processes



- 24 Hour Rule
 - Requires data collection before cargo loaded on board the vessel
- Fines and penalties for non-compliance
 - US
 - \$5000 or up to the value of the cargo
 - Japan
 - ¥500,000 or up to one year in jail with hard labor
 - Cargo can not be off-loaded from the vessel

Why is this happening?

- Deter international terrorism
- Facilitate international trade
- Improve revenue collection



Security Around the World



2002: USA AMS

2005: Canadian ACI

2006: Mexico AMS

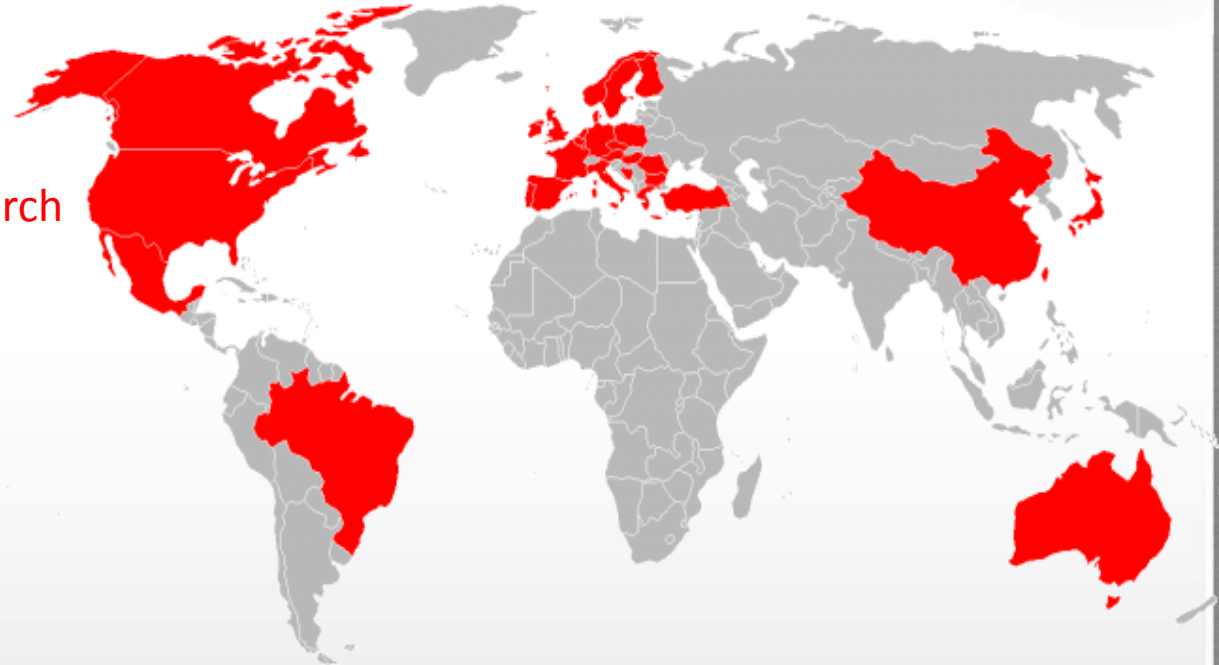
2009: USA 10+2 / ISF

2011: EU ENS

2013: Canada e-Manifest March

2014: Japan AFR

2014: Canada e-Manifest
Expansion June



Coming:

China – port by port

Taiwan

Brazil

Australia

Israel

Bangladesh



Searching for Visibility

- Cargo only moves as fast as the data
- You can't manage what you can't see
- Is visibility enough?



The Trading Community



- All parties working together
- Paperless interaction
- Real time collaboration
- Meaningful metrics

Trading Communities – Fantasy or Forecast?

Global Banking is already
a reality

- Global access to cash
via ATM
- On-line Banking





Thank You

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