

Technology Transition and Outreach



Actions Taken and Future Directions
IMPACT 2008

Technology Transition in 2008

- Taking a more active approach this year
 - Actively seek out new R&D needs
 - Actively seek out new providers of R&D
 - Actively promulgate CCDoTT results
- Goal: Ensure CCDoTT serves a real need
- Action provided by Chris McKesson and Rick Thorpe

Planned Steps

- Define technical needs
- Find partner 'customers'
- Execute targeted projects
- Actively promulgate project results
- Solicit new projects from successfully-served 'customers'
- Solicit endorsements from successfully-served 'customers'
- Solicit new 'customers' from the network

Initial TTP Focus Areas

- Focus is East Coast & Navy/Commercial
- West Coast has focused on Agile Port Systems
Freight Corridor and SST related efforts
- HR6 Energy Law SST R&D Nationwide
(commercial)
- High performance ships for military logistics
- Military Dual Use Capability of SST Ships

New Cooperative SST Outreach

- **MarAd SCOOP & Ship Operators Concept Design Working Group**
- **Advance Technology Institute**
- **Coastwise Coalition – Best industry wide group**
- **Northeastern Port Authority Association**
- **Westar outreach to CARB**

The HR6 Energy Law/Section 1121 SST Initiative

- CCDoTT Advisor planning meetings: Spring through Fall 07
- Dec 14, 07 HR3221 (Predecessor Bill) Solicitation
- Abstracts and broad based ideas have been submitted to CCDoTT
- R&D plan outlined (Balance of restructuring governments top to bottom to eliminate impediments and incentivize SST as well as technology development)
- Overall scope and ROM R&D costs on next slide
- Meetings in DC during next three weeks
- Follow up actions in Congress and the Executive branch (DoT/MarAd, EPA, OPNAV 42)

First Cut HR6 R&D Program

- Overall Planning & Government Accessments
(at all levels including comprehensive analysis of total landside costs)
 - Actual proposed projects - \$3.5 M
 - Extended to four coasts and with public sector oversight - \$10 M
- SST Route Analysis including Technical Evaluation
 - Actual proposed projects - \$4,500 K
 - Extended to four coasts and with public sector oversight - \$20 M
- Articulated 'Sea Train' Systems (three) - \$5,350 K
- Other Specific SST Vessel System Tech and Operational Demos - \$15 M

The Big R&D Picture

- HR3221 Authorization = \$25M/year X 4 years
= \$100 million
- CCDoTT's first rough cut at National R&D program to support HR6 = \$50 million over two to three years
- Needs refinement to support a companion appropriation Bill
- Needs heavy lobbying effort to implement

Agile Port Spin-off Opportunities

- Applicable to many urban ports:
 - ECCO
 - PNW Agile Port
- Foundational to HR6 Program
 - Pacific Coast SSS

Summary Conclusions

- Initiating a SST R&D program is a real CCDoTT opportunity
- It will be challenging, but the payoff is significant and synergistic to CCDoTT's Agile Port work
- There are opportunities in expanding CCDoTT's high speed ship technology
- There are Agile Port and Command and Control Sector TTP opportunities

Technology Transition Project Re-cap

- Enhance CCDoTT project results to fulfill a real need
- Facilitate CCDoTT delivery of those results
- Expand the CCDoTT talent pool
- Promote dynamism within the CCDoTT existing and expanded talent pool

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Thank you