

Space is limited. Register now:

- Return the enclosed registration form to CCDoTT, 6300 State University Drive, Suite 220, Long Beach, California 90815-4675, or fax to: (562) 985-2583
- Download a registration form from the CCDoTT website: www.ccdott.org
- Phone: (562) 985-7395
- Email: info@ccdott.org

No registration fee.

A parking charge will be assessed by the hotel.

Hotel:

Rooms are available at the historic Hotel Queen Mary in Long Beach Harbor. **Ask for** the CCDoTT conference rate or government per diem rate (with proof) at (562) 435-3511.

www.queenmary.com



California State University, Long Beach
6300 State University Drive, Suite 220
Long Beach, California 90815-4675
562.985.7395
562.985.2583 Fax
www.ccdott.org

A Sampling of CCDoTT Accomplishments

- Strategic Mobility 21 - A new, comprehensive logistics approach to military cargo movement
- Final conceptual design of a large high-speed trimaran
- Validation of concept of high-power axial flow thruster, providing the extraordinarily dense power needed for narrow hulls to achieve super-high speeds
- Development of TransViz, the TransCom backbone decision-support tool
- Development of advanced neural network Computational Fluid Dynamics, design optimization for hull design
- Final candidate concept for Maglev system for freight containers

"We take it from concept to reality."

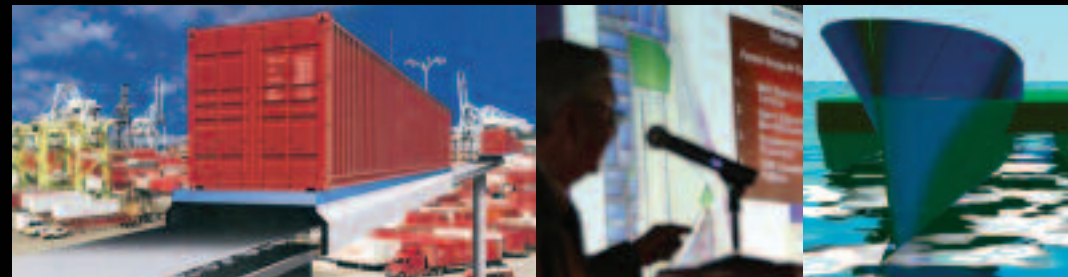
Stan Wheatley
CCDoTT Principal Investigator



Innovative Maritime Partnerships Advancing Cargo Transport

IMPACT 2008

Transforming Today's Maritime Transport For Tomorrow



Keynote Speaker John Vickerman

Founding Principal, TranSystems

JANUARY 16, 2008

RMS QUEEN MARY LONG BEACH, CALIFORNIA



Presented By CCDoTT, California State University, Long Beach and Office of Naval Research

- **LEARN** How CCDoTT's Agile Port Project May Transform Port Design and Operations
- **HEAR** How Magnetic Levitation Can Revolutionize Freight Traffic in Southern California
- **DISCOVER** CCDoTT's Innovative Program of Integrated Maritime Research
- **MARVEL** at the CCDoTT-Developed Design Tools for Transforming Ship Design
- **EXPLORE** the Implications of the CCDoTT Heavy Air Lift Seabasing Ship

IMPACT 2008

RMS QUEEN MARY
LONG BEACH, CALIFORNIA

AGENDA* WEDNESDAY, JANUARY 16, 2008

7:30 a.m. Registration and Continental Breakfast

8:00 a.m. **Opening and Overview**
Stan Wheatley, CCDoTT

Introduction to CCDoTT
Steve Hinds, CCDoTT

Multi-Disciplinary Design Optimization Tools for Large Multihull Ships
(Applying Aerospace Design Tools to Ships)
Dr. Hamid Hefazi, California State University, Long Beach

HALSS—Heavy Air-Lift Seabasing Ship
(Modeling Technologies for Adding C-130J Fixed-Wing Aircraft to HALSS)
Dr. Igor Mizine, CSC

ECCO System - Electrodynamic Container Conveyor (Bringing a Magnetic Levitation Freight Corridor to Reality)
Dr. Ken James, California State University, Long Beach

Agile Port System Demonstration
(Demonstrating the Dramatic Efficiencies of New Technologies)
Blair Garcia, TranSystems

10:30 a.m. BREAK

Seabase Logistics Optimization
(Improving Seabasing Operational Efficiency)
John Strott, Logistics Management Institute

Simulated Port Access and Performance Assessment (Proof of Concept for Use of Seabasing in Ports With Constrained Access)
Presenter TBD

12:00 p.m. Luncheon Keynote Address
"Delivering the Goods: Meeting Tomorrow's Challenges for Military & Civilian Logistics"
John Vickerman, Founding Principal, TranSystems

Technology Transition (Adapting CCDoTT's Research to User Requirements and Producer Needs)
Rick Thorpe, Herbert Engineering Corporation

WHAT IS CCDoTT?

CCDoTT is a California State University, Long Beach, sponsored, government approved and supported research and development center dealing with maritime related transportation issues on behalf of both commercial and military interests. Established in 1995, CCDoTT sponsors projects addressing dual-use in High-Speed Ships, Agile Port Systems, Rapid Deployment, Decision Support Tools, Port and Cargo Security, and emerging Seabasing support systems.

Stan Wheatley, Principal Investigator
Anastasios Chassiakos, Technical Coordinator
Carrie Scoville, Program Coordinator

Mahyar Amouzegar, Director
Steve Hinds, Program Administrator
Tina Tranilla, Fiscal Coordinator



Port Disruption Model
(Identifying Impacts of Port Disruption from Any Source)
Blair Garcia, TranSystems

Operational Development of Short Sea Shipping to Serve the Pacific Coast
(Door-to-Door Supply Chain Perspective, Covering Entire West Coast)
Bill Kruse, TraSystems

Waterjet Inlet Design and Hull Integration Optimization (Improved Performance Efficiency of an Advanced Waterjet)
David Lavis, CDI Marine

3:30 p.m. BREAK

Route/Mission Dependent Prediction Program for Rational Structural Dynamic Loads for High-Speed Sealift Applications (Ship Motion and Load Calculation Programs Predicting Structural Loads Of High-Speed Ships)
David Lavis, CDI Marine

Strategic Mobility 21 (A Full Integration of Agile Ports and Strategic Port Power Projection Platforms)
Dr. Lawrence G. Mallon, California State University, Long Beach

Final Comments, Evaluations and Adjournment
Stan Wheatley, CCDoTT

*Times may be adjusted as necessary

WHO SHOULD ATTEND IMPACT 2008?

Anyone involved in marine transportation and marine policy: Logistics and transportation planners, shippers, legislators, port executives and operational staff, marine terminal operators, logistics providers, military transportation providers, economic development staff, transportation researchers, public policy researchers, city planning staff, and environmental planners.

