

Protecting Our Ports & Waterways



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US Port Entry Statistics

- 95% of commerce and foreign oil arrive via commercial ships
- 6 Million cruise ship passengers begin or end their voyages at a US port
- More than 42 million Ferry Passengers a year
- More than 500 Commercial Ships enter or leave US ports daily
- More than 40,000,000 TEU's* enter yearly



*TEU's= Twenty foot long containers

Security Issues

- No Centralized Port Authority
- Publicly, privately or collaboratively owned
- International inspections vary from country to country
- Lack of enforcement of standards



Staffing Short Falls



- Very limited number of qualified dive teams (Quantity)
- Limited dive time and or number of dives (Endurance)
- Limited gear capabilities (i.e. camera or video)

Enter ROV's & Their Accessories

- Ease of Maintenance
- Minimal Footprint
- Minimal Staffing
- Multi-beam Sonar
- Video Enhancement
- Positioning System
- Simple to Setup and Deploy



Basic Training



- ROV Set Up
- Basic Sonar Use
- Basic Positioning System use
- Video Enhancement
- Basic Maintenance

The Need for Advanced Training

- To keep pace with constantly changing threats
- Constantly changing ROV modifications and their accessories
- Standardize TTP's between local, state and federal agencies



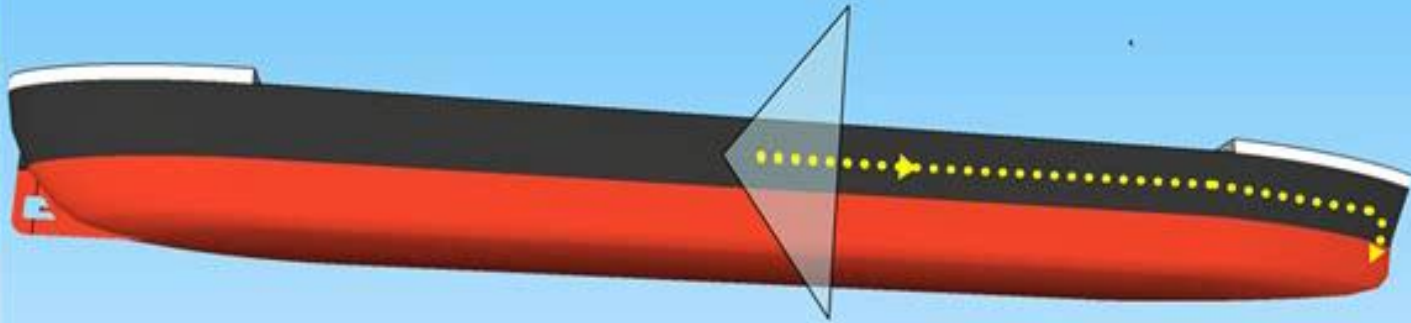
Sonar Training



- Multi-beam Theory
- Image Interpretation
- Navigation via Sonar
- Data Export

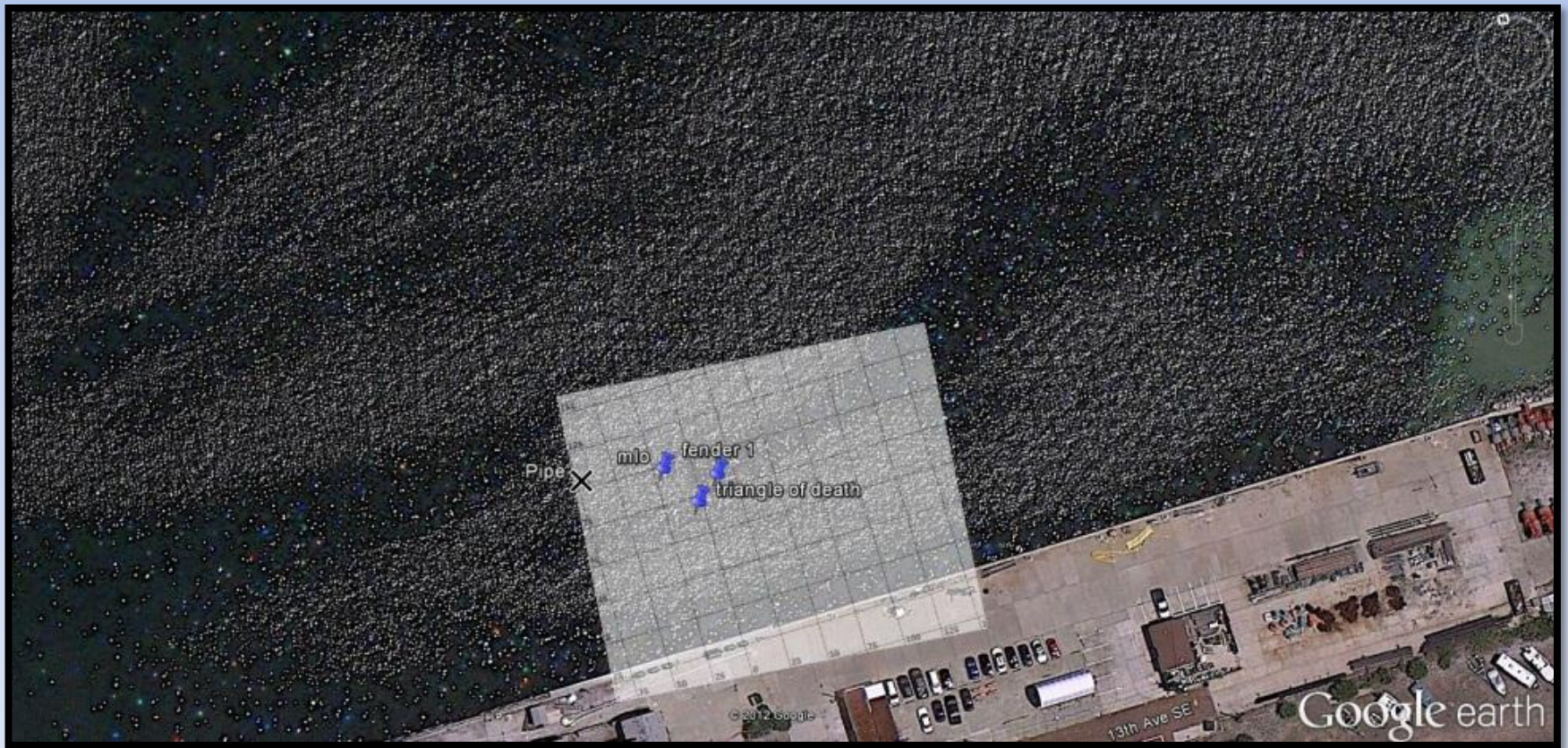
Ship Hull Inspections

BlueView P900-130 Imagery on USCG Shiphull
Collected from VideoRay Crawler During Training



BlueView™
TECHNOLOGIES

Area Search With Positioning System



Anchored Mine Like Object





Remotely Operated Vehicle Underwater Hazardous Device Search Course

DHS-0124-RESP

Course Overview:

- Search, identify, mark, report and assist in mitigation of UHD's.
- Learn in water ROV techniques under the most realistic conditions and scenarios possible
- Make follow-on recommendations
- ROV Underwater emergency response and planning
- Post-blast and evidence collection
- ROV underwater search techniques



Remotely Operated Vehicle Underwater Hazardous Device Search Course

DHS-0124-RESP

Course Benefits:

- On site training with your gear in your environment
- Confidence that searches can be conducted by ROV Teams safely and effectively
- Contract allows for the purchase of equipment with the training
- Multiple agencies can be trained at once
- ROV Teams can work effectively with all agencies
- The only nationally recognized certification by DHS

