2018

www.chc-nsc2018.ca

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Land and Sea Shaping the World Terre et Mer Façonnant le Monde

THE RAPID HARBOR SEARCH AND RESCUE BY MAPPING AND DETECTING THE SEAFLOOR WITH ACOUSTIC INSTRUMENTS

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Naval Meteorological and Oceanographic Office, R.O.C.
March-29-2018





REVIEWS

No Oceanos Mills

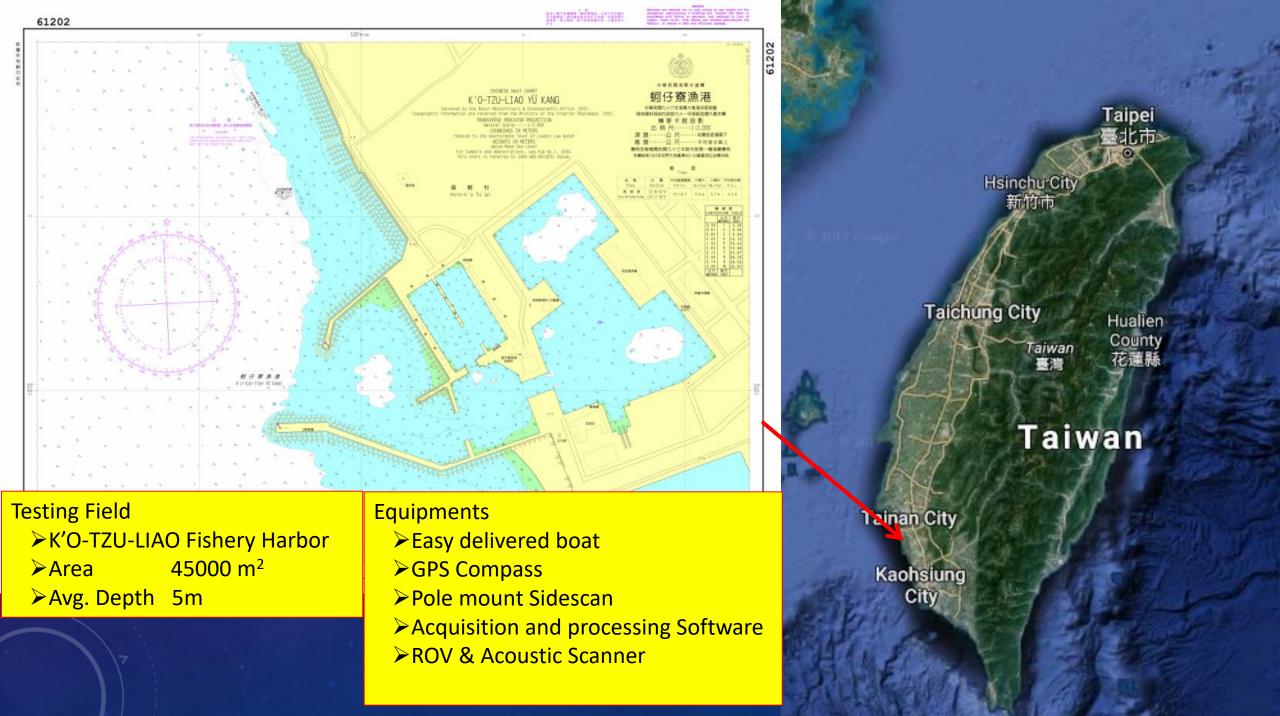
- Shallow water
- Narrow harbor boundary
- Wrong procedure
- Unsuitable equipment
- Unstable sea state
- Low visibility of underwater











The Rapid Harbor Assessment Procedure (I)

Large Area Survey

- Aluminum boat 320CT
- Sidescan
 - Tritech Starfish 452F- Pole Mount





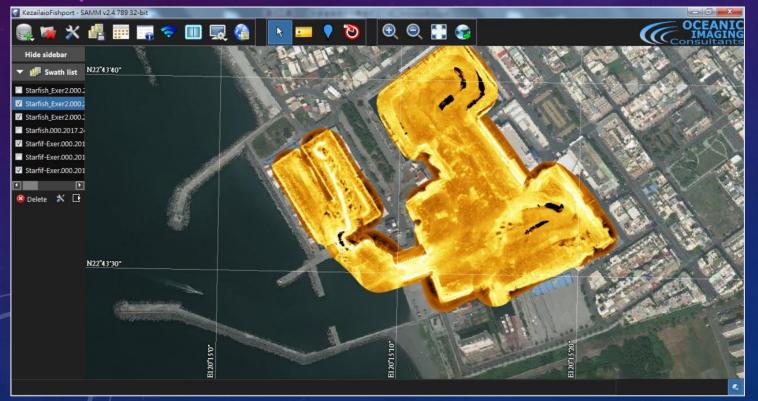


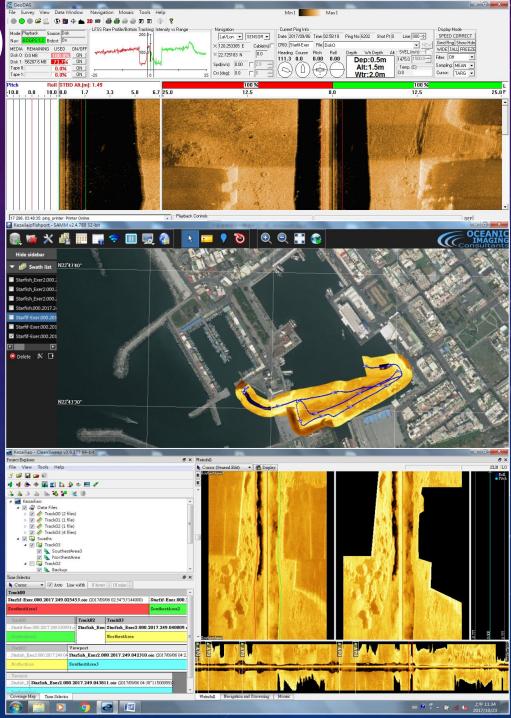


The Rapid Harbor Assessment Procedure(II)

Rapid Target Identify

- OIC GeoDAS- Waterfall Images
- OIC SAMM- Mosaic Images
- OIC CLEANSWEEP- Post-Processing



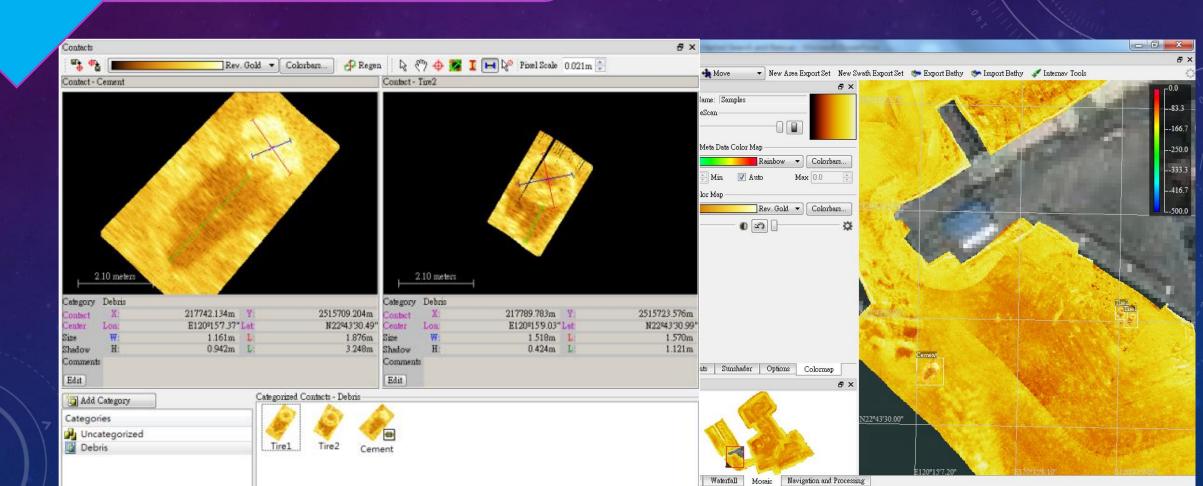


The Rapid Harbor Assessment Procedure(III)

The Accumum of the Cocamon of the Co

Hot Spots Mark

- Size
- Shape
- Location



The Rapid Harbor Assessment Procedure(IV)



Fixed-point Search

- Visual
 - VideoRay Scout ROV
- Acoustic Scanner
 - Teledyne Blueview BV5000





