

CARIS Capacity Building Activities

Charles de Jongh

IHO Capacity Building Stakeholders' Seminar

5-6 March 2014, IHB, Monaco

Overview of CARIS IHO Capacity Building (CB) related activities in the last 5 years.

Hydrography is CARIS' core business.

A CARIS Training is always building capacity

Overview of CARIS CB Courses 2009-2014

What	Where	When	Participating Countries
SWAtHC ENC production workshop	Niteroi, Brazil	2009	Argentina, Brazil, Chile, Peru, Cuba, Ecuador & Uruguay.
Coast Map Indian Ocean Training – Bathymetric Processing Techniques	Bangkok, Thailand	2009	Mozambique, Myanmar, Sri Lanka & Thailand
EAHC Database Design & Management MSDI Course	Bangkok, Thailand	2011	China, Indonesia, Japan, Malaysia, Philippines, South Korea, Singapore, Thailand & Vietnam
MACHC Hydrographic Surveying and Nautical Charting Training Course in the Caribbean	St John's, Antigua & Barbuda	2011	Antigua and Barbuda, Barbados, British Virgin Islands, Dominica, El Salvador, Grenada, St Kitts and Nevis, St Lucia, St Vincent and the Grenadines
INAHINA TopoBathy DataBASE implementation	Maputo, Mozambique	2012	Mozambique
NIOHC & SAIHC Database Design & Management MSDI Course	Colombo, Sri Lanka	2012	Bangladesh, Comoros, Kenya, Malawi, Namibia, Oman, South Africa, Saudi Arabia, Sri Lanka, Tanzania
EAHC Database Design & Management MSDI Course.	Incheon, South Korea	2012	Hong Kong, Indonesia, Japan, Korea, Malaysia, Philippines & Thailand
SwAtHC Database Design & Management MSDI Course	Niteroi, Brazil	2012	Argentina, Brazil, Chile, Guatemala, Uruguay.
SWPHC & SEAHC Database Procedures Capacity Building Course	Lima, Peru	2013	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Panama, Paraguay, Peru, Uruguay
S-100 workshop	Guayaquil, Ecuador	2013	Chile, Colombia, Ecuador, Peru
Nautical Chart Production	Colombo, Sri Lanka	2013	Sri Lanka
Multibeam data acquisition and processing workshop	Montevideo, Uruguay	2013	Argentina, Ecuador, Panama, Peru, Venezuela & Uruguay
ENC Production Workshop	Yangon, Myanmar	2014	Myanmar
ENC Production Workshop	Banladesh	2014	Banladesh

Countries involved in CARIS Capacity Building Activities in the period 2009-2014



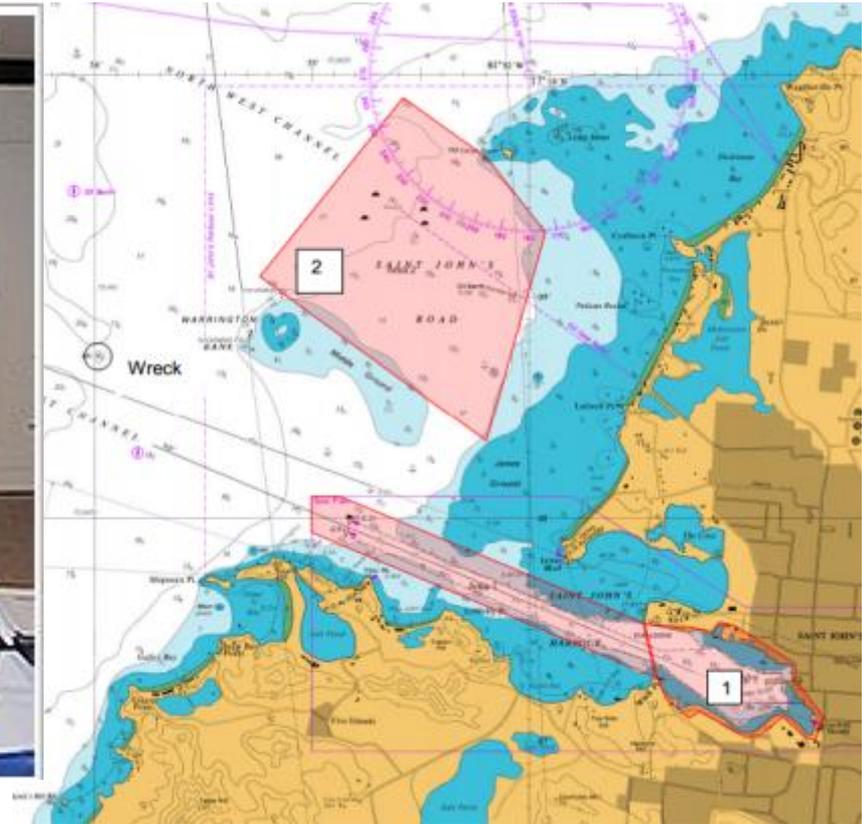
Meso American & Caribbean Sea HC Hydrographic Surveying and Nautical Charting Training Course St. John's – Antigua & Barbuda, 2011



Antigua and Barbuda, Barbados, British Virgin Islands,
Dominica, El Salvador, Grenada, St Kitts and Nevis,
St Lucia, St Vincent and the Grenadines

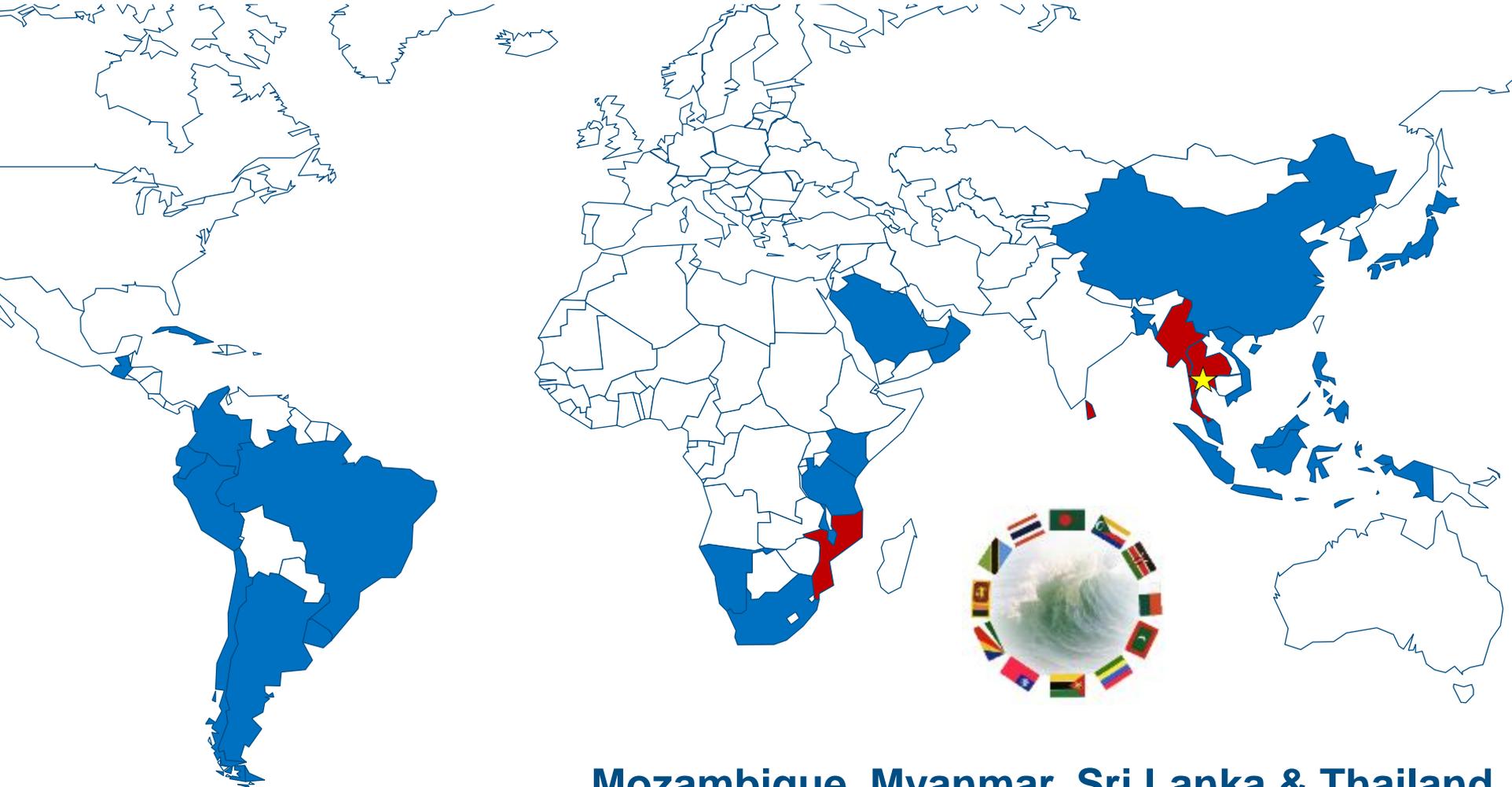
Hydrographic Surveying and Nautical Charting Training Course in the Caribbean.

St. John's – Antigua & Barbuda, 2011





Coast Map IO Training Bathymetric Processing Techniques. Bangkok – Thailand, 2009.



Mozambique, Myanmar, Sri Lanka & Thailand



Coast Map IO Training Bathymetric Processing Techniques. Bangkok – Thailand, 2009.



Mozambique, Myanmar, Sri Lanka & Thailand

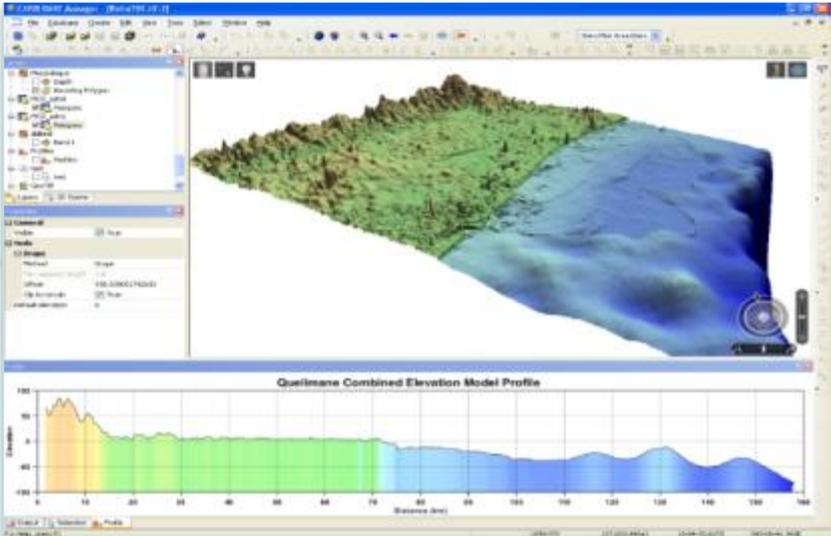
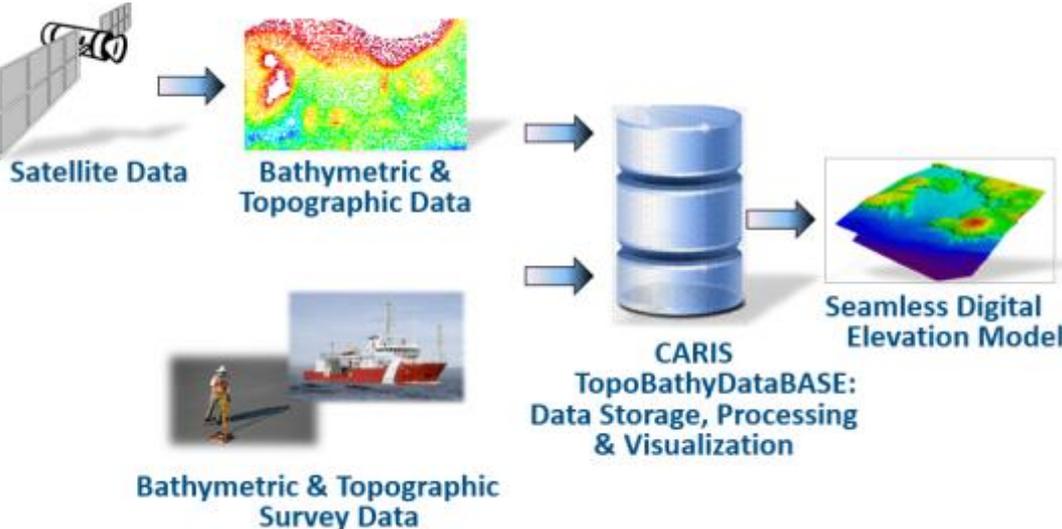
Coast Map IO

Implementation of TopoBathy DataBASE. Maputo - Mozambique, 2012.



Coast Map IO

Implementation of TopoBathy DataBase. Maputo - Mozambique, 2012.





Database Design & Management MSDI Courses Thailand, South Korea, Sri Lanka & Brazil (all 2012)



Argentina, Bangladesh, Brazil, Chile, China, Comoros, Guatemala, Hong Kong, Indonesia, Japan, Kenya, Malawi, Malaysia, Namibia, Oman, Philippines, Saudi Arabia, South Africa, South Korea, Singapore, Tanzania, Thailand, Uruguay & Vietnam

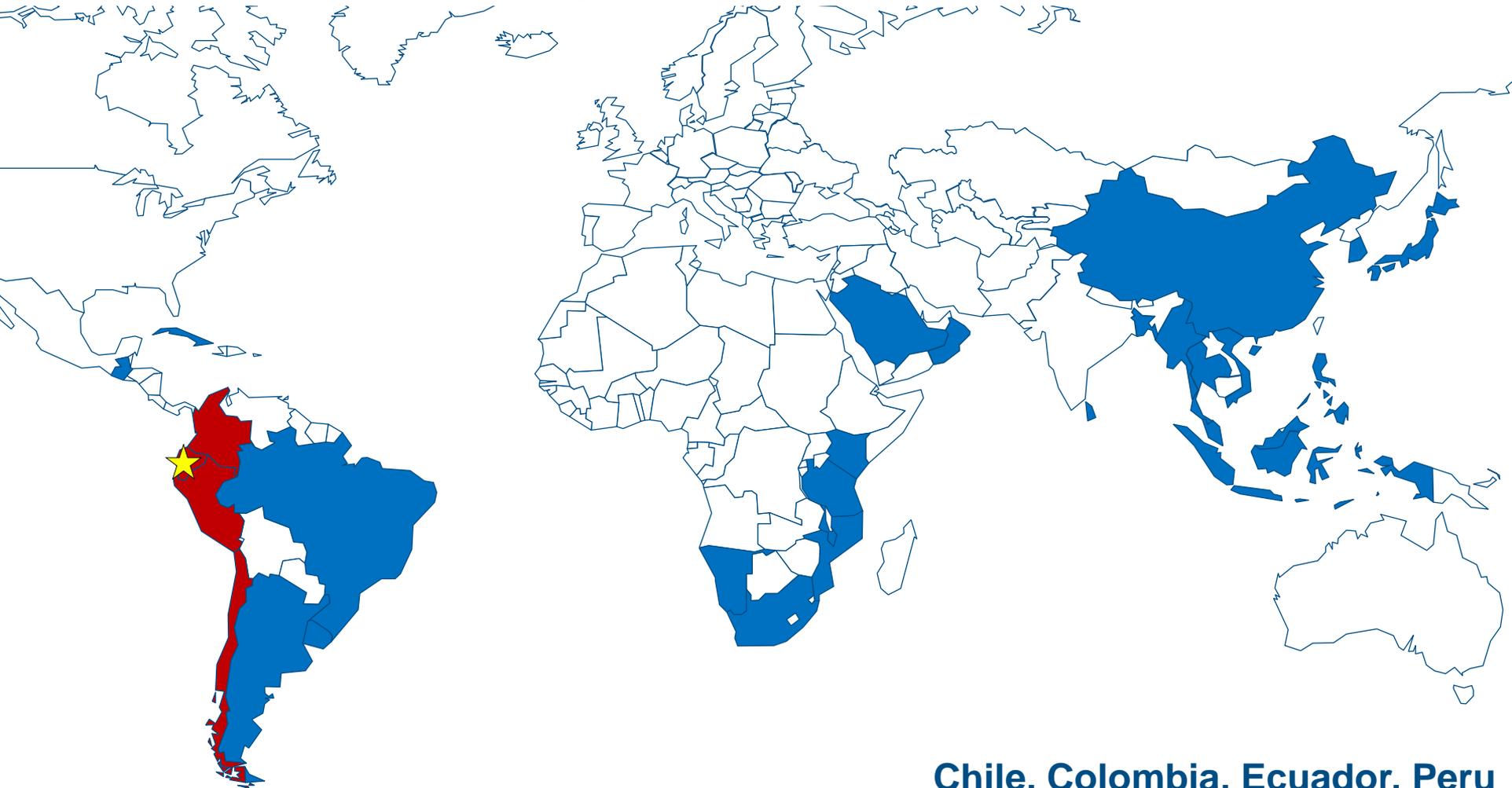


Database Design & Management MSDI Courses Thailand, South Korea, Sri Lanka & Brazil (all 2012)





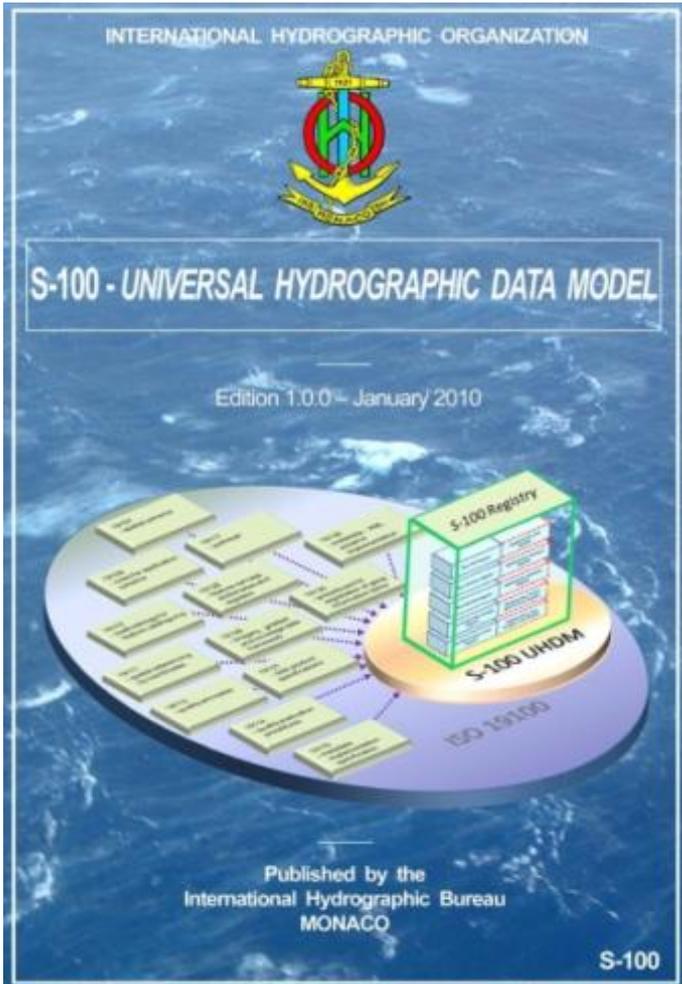
South East Pacific HC S-100 Workshop Guayaquil – Ecuador, 2013



Chile, Colombia, Ecuador, Peru



S-100 Workshop Guayaquil – Ecuador, 2013



Chile, Colombia, Ecuador, Peru

**Nautical Chart & ENC Production Workshops
Colombo, Sri Lanka (2013). Yangon, Myanmar (2014).
Dhaka, Bangladesh (2014).**



Sri Lanka, Myanmar, Bangladesh

CARIS has been involved in a lot of CB related courses and workshops

CARIS has tools and knowledge to help building capacity

CARIS plans to continue being involved in CB



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