MARINE COMPONENTS OF SDI
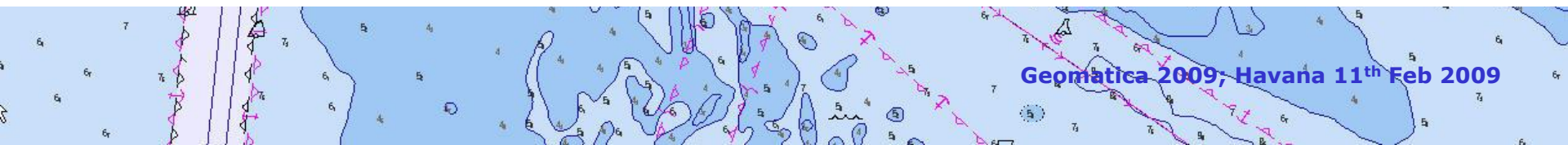
Panel Discussion

Objective

To improve knowledge of, access to and dissemination of Marine Data as a key component of Caribbean and Latin American Regional SDI development

What is SDI?

A framework which provides for the integrated management of digital spatial data and information at the Local, National, or Regional level that includes a marine [maritime] component and covers:

- technology
- policy
- standards
- data
- people
- organisations

So what is a Marine SDI?

That element of the NSDI that covers all aspects of Marine GI including:

- Hydrography
- Geology
- Coast Line
- Littoral land mapping
- Environmental
- Ecosystems
- Conservation
- Leisure and tourism

- Fisheries
- Shoreline constructions
- Oceanographic
- Geographical names
- Maritime boundaries
- Wind farms; oil and gas installations
- Coordinate Reference Systems (Vertical)

Are you involved in developing MSDI?

If so what are the opportunities and benefits?

Opportunities of SDI

- Realises inherent value in information through
  - Stimulating wider use of digital data and information
  - The development of new products and services
- Creates efficiencies in organisational processes
- Creates efficiencies in data collection and management by
  - Reducing duplication
  - Encouraging coordination
- Allows improved decision making
- Prestige of being part of the SDI "Club"

Benefits of SDI

- Stimulates access to additional resources and funding

- Improves data management practises

- Increases market exposure for information

- Generates new revenue

- Allows better use of public funds

- Eliminates organisational isolation

- Enables co-operation and working together

- Improves security and reduces risk

- Brings cost savings

Key barriers to overcome…

- Funding – why should I support this?

- Lack of trust across stakeholders - how to gain this?

- Knowledge and Training - what skills do we need?

- Challenging what you do now - how can we do things more effectively in the future?

- Working together - adopting a partnership approach

- Culture - winning over sceptics (at individual and organisation level)

- Policy - develop new joint policy approach

Getting Involved

- Champion and stakeholders (internal and external)

- Engage, respond, communicate

- Allowing others to get involved with you

- Regional initiatives/legislation

- Role of IHO Regional Hydrographic Commissions

- Sell the benefits and opportunities

Planning your involvement in SDI

- Identifying your "champion"

- Prepare white paper for discussion

- Scope, depth and timescale (Business Case)

- Engagement through cooperation (ALL marine/ terrestrial data providers)

- Get stakeholder buy-in (customers; enablers)

Thank You

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