



# Area-based Management for Shipping and Indigenous Peoples' Involvement on Three Coasts

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# Understanding area-based management

UNCLOS Article 192, Article 194 (1) and Article 211(6a): states obligation of “establishing defined areas with special mandatory measures”

Convention on Biological Diversity (CBD) Article 8 “in-situ approaches” (*conserving all the living species within in their natural habitats and environment*).

CBD Aichi Biodiversity Target 11 and Sustainable Development Goal 14 Target 14.5: conserve **at least 10%** of world’s coastal and marine areas by 2020.



**THE LAW  
OF THE SEA**

**TARGET 14.5**



**CONSERVE COASTAL  
AND MARINE AREAS**

Source: [globalgoals.org](http://globalgoals.org)

## Canada's framework of combination of area-based measures and policies

	Definition
<b>MPAs and other Large-scale measures</b>	<ul style="list-style-type: none"><li>• MPA network and MSP framework</li><li>• LOMAs (have been replaced by DFO's bioregional planning areas) and</li><li>• NMCA's (by Parks Canada)</li></ul>
<b>Specific measures and seasonal restrictions</b>	<ul style="list-style-type: none"><li>• No-fish/no-take zones and no-dumping zones</li><li>• areas to be avoided (ATBAs),</li><li>• buffer zones and</li><li>• traffic separation scheme</li></ul>

**Comprehensive =**  
policies + measures + collaborative planning + stakeholder engagement

# Case studies

	Comprehensive Planning	Community Engagement	Area-based measures/framework for shipping
Atlantic coast	ESSIM	OPP initiatives	Bay of Fundy TSS
Pacific coast	PNCIMA	MaPP	Voluntary Protection Zone for Shipping, West Coast Haida Gwaii
Arctic coast	BSIMPI	OPP initiatives	Low Impact Shipping Corridors initiative

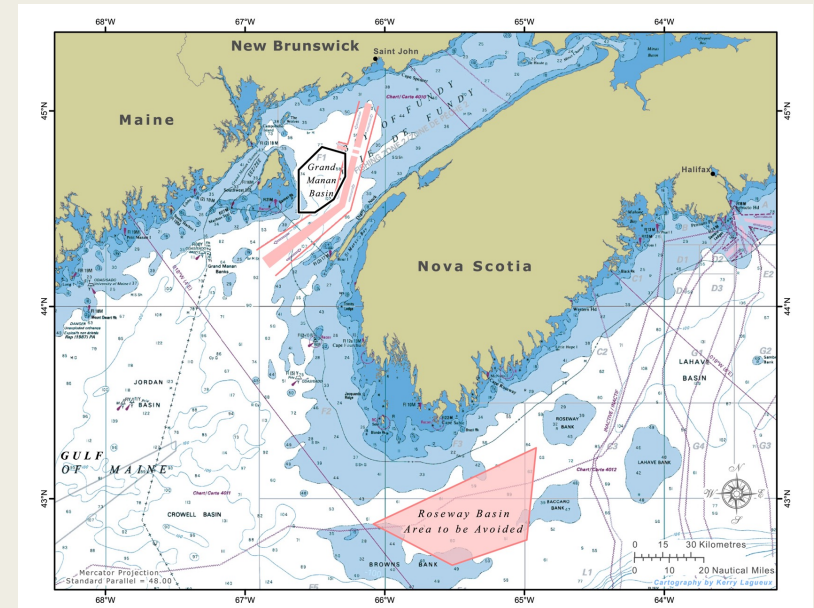
# Atlantic coast

Bay of Fundy traffic separation scheme (TSS): area-based measures to manage marine traffic and protect the endangered North-Atlantic Right Whales.

Eastern Scotian Shelf Integrated Management (ESSIM) Initiative: Governing marine traffic and other activities with collaborative planning among different departments

DFO: Scotian Shelf-Bay of Fundy bioregion

TC: engaging First Nations in Oceans Protection Plan initiatives



Sources:

Canadian Whale Institute

<https://www.canadianwhaleinstitute.ca/>

Government of Canada, "Roseway Basin "Area To Be Avoided" for Protection of Right Whales Now In Effect," available online <<https://www.canada.ca/en/news/archive/2008/06/roseway-basin-area-avoided-protection-right-whales-now-effect.html>>

# Pacific coast

Types	Examples
<b>Comprehensive planning initiative</b>	Pacific North Coast Integrated Management Area ( <b>PNCIMA</b> ) <ul style="list-style-type: none"> <li>• strategic framework</li> </ul>
<b>First Nations co-lead initiative</b>	Marine Plan Partnership for the North Pacific Coast ( <b>MaPP</b> ) <ul style="list-style-type: none"> <li>• Community-based planning</li> <li>• Interactive spatial analysis and planning tools</li> </ul>
<b>Restrictions</b>	Seasonal slowdown areas (SSA)
<b>Community-based measures</b>	14-month trial Voluntary Protection Zone for Shipping ( <b>VPZ</b> ) in Haida Gwaii



Source:  
 Diggon, et al., "The Marine Plan Partnership for the North Pacific Coast—MaPP: A collaborative and co-led marine planning process in British Columbia." *Marine Policy* (2020): 104065, pp. 1-14.

<http://haidagwaii-vpz.ca/>

# Arctic coast

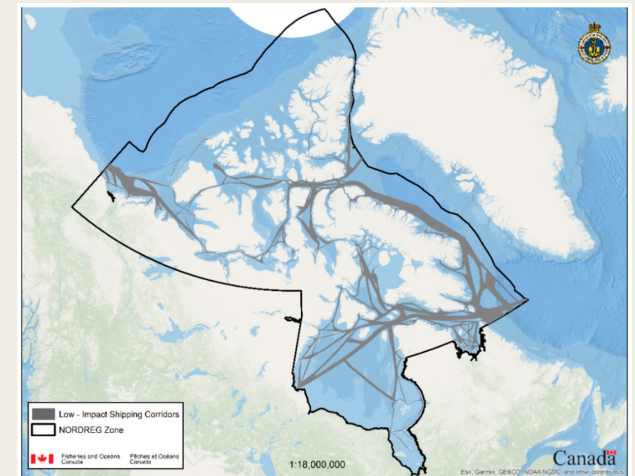
1) Manage marine traffic and other human activities through large-scale and comprehensive planning initiatives, such as the [Beaufort Sea Integrated Management Planning Initiative \(BSIMPI\)](#)

Geographically remote with relatively limited resource and capacity

2) Involve Arctic indigenous peoples in a meaningful way

Reconciliation; implement UNDRIP Act

[Northern Low Impact Shipping Corridors](#)



Source: Chénier et al., 2020



# Looking forward

- Governing shipping activities within integrated and comprehensive spatial planning
  
- Inter-departmental collaboration and whole-of-government approach
  
- To achieve reconciliation and continue to implement the UNDRIP Act
  - ❖ Decolonizing lens
  - ❖ Knowledge co-production
  - ❖ Government's partner
  - ❖ Rightsholders
  - ❖ Decision makers



Source: <https://www.youthco.org/undriplegislationbc2019>

# Thank you

More information from the Maritime Governance Project entitled  
**“Demystifying Maritime Governance: Analysis of the frameworks  
and emerging issues for the governance of shipping in Canada”**

This research is based on one task of the overall project. This  
research focuses on marine spatial planning and its influence on  
shipping governance in Canada.



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