



British Columbia's Offshore Resources: Update and Outlook

**Presented to
the Maritime Awards Society of Canada
by Patrick O'Rourke
Assistant Deputy Minister**

**BRITISH COLUMBIA
OFFSHORE
OIL AND GAS**

March 25, 2006

Outline

- History
- Context
- Recent Events
- Connections
- Conclusions



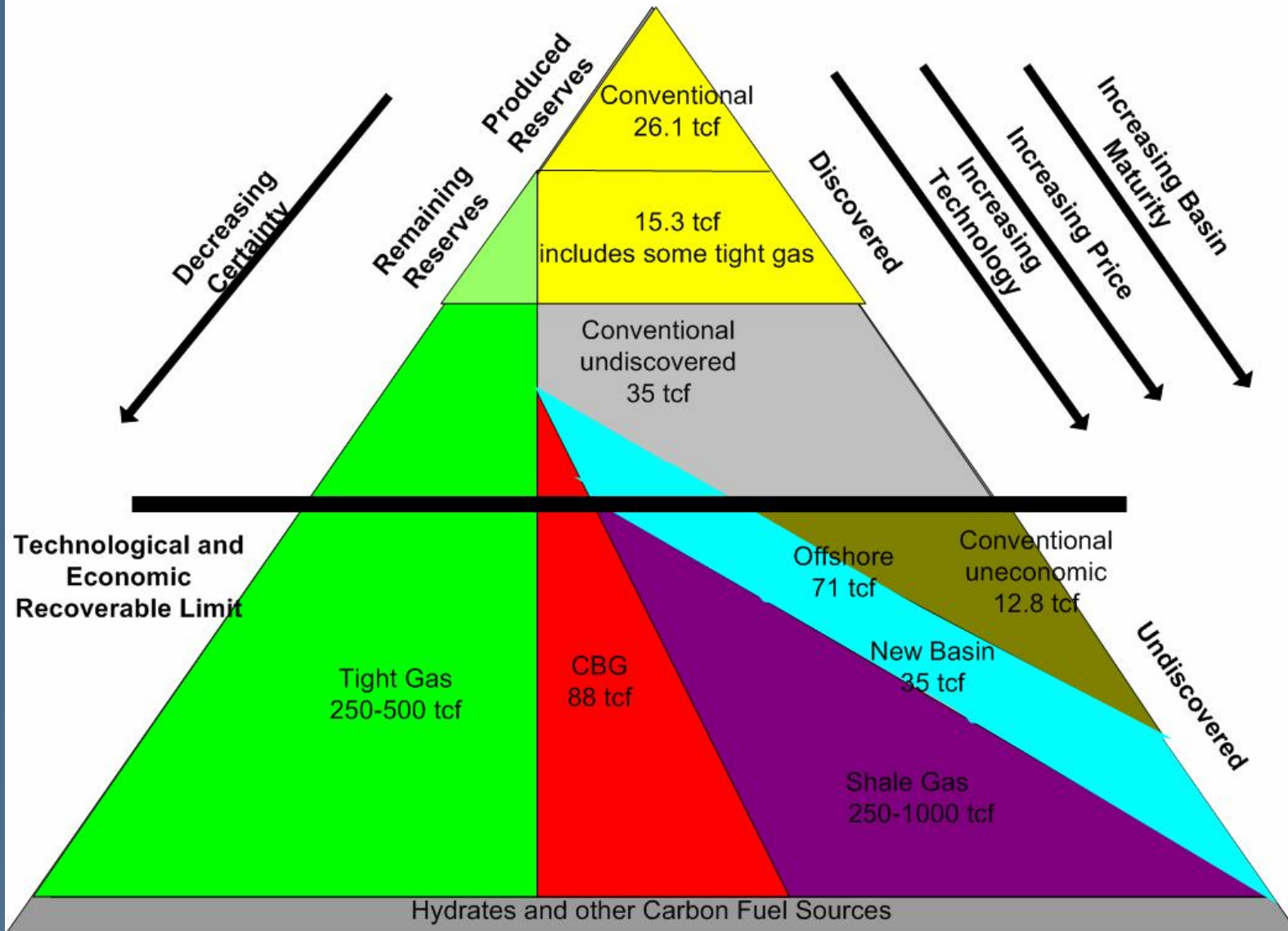
Queen Charlotte Basin Oil and Gas Wells

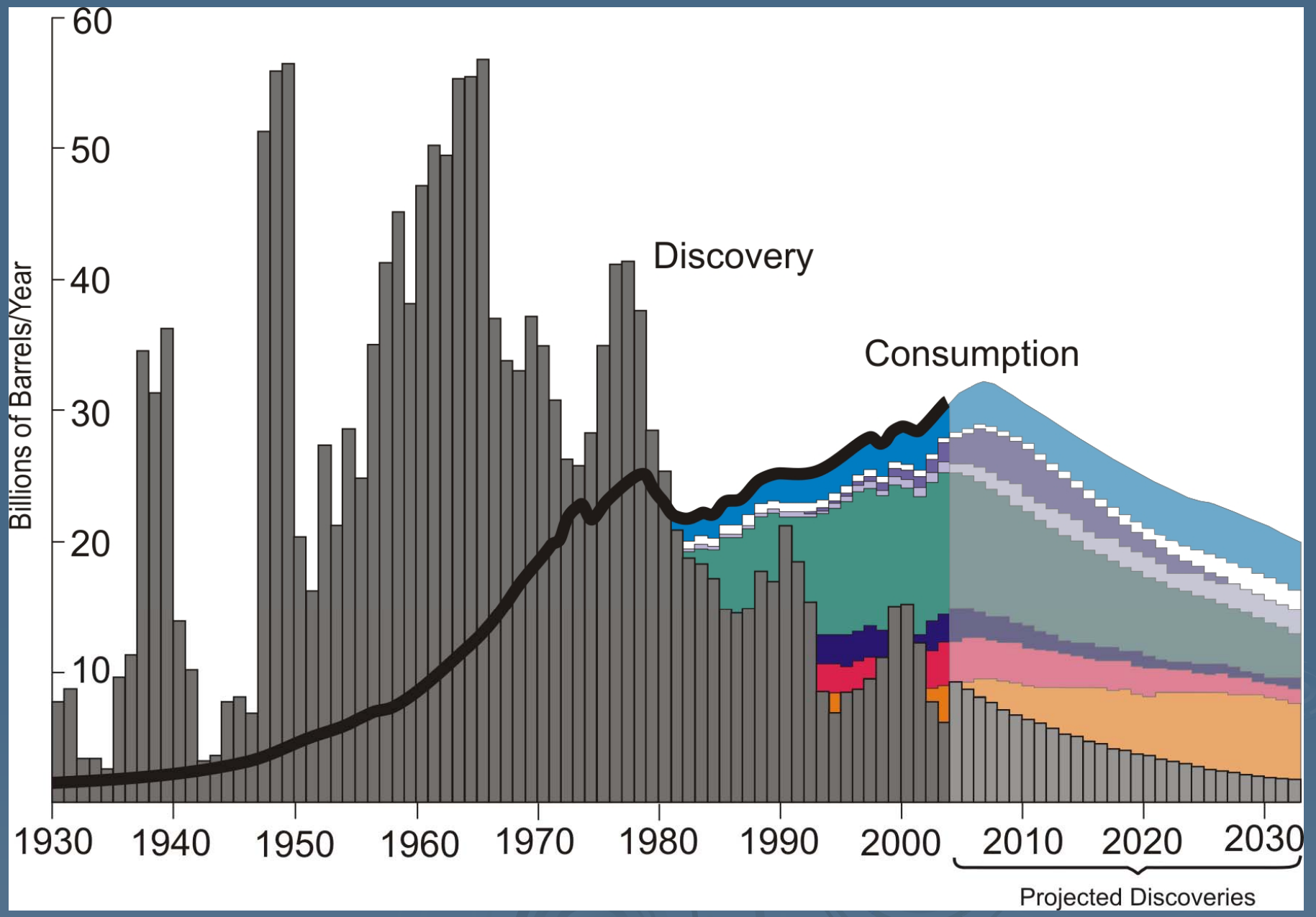


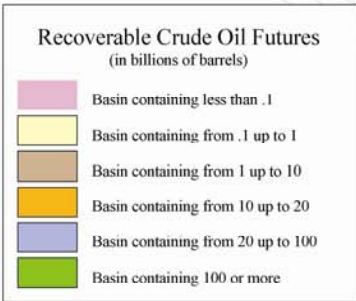
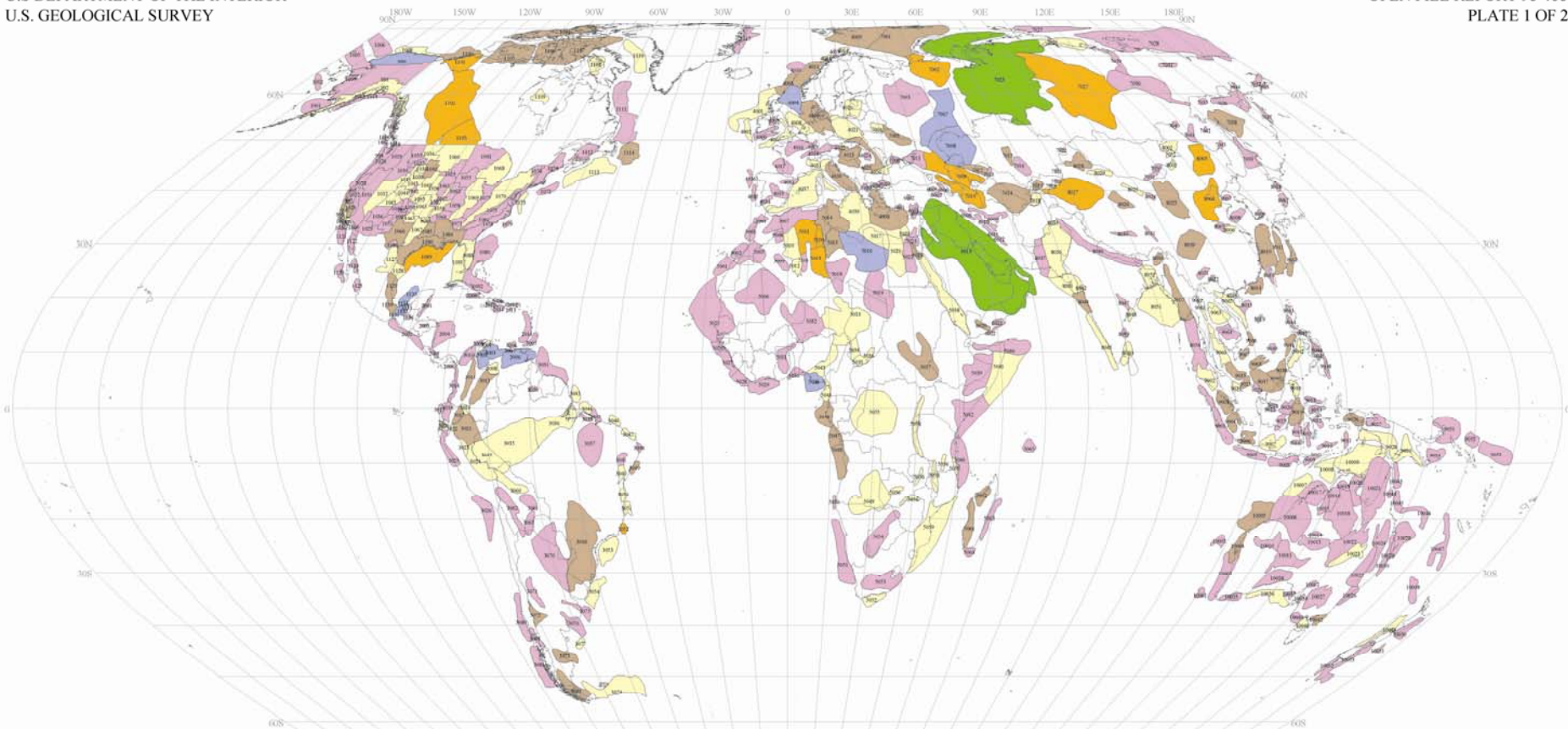
History

- **1949** – Drilling for oil in the Queen Charlotte region
- **1967-1968** – Shell Canada drills 14 wells in the offshore in the region from Barkley Sound north through Queen Charlotte Sound and Hecate Strait.
- **1971** – The British Columbia legislature passes a resolution opposing tanker traffic off the west coast.
- **1972** – The Federal Government announces a moratorium on tanker traffic and offshore exploration and development.
- **1984-1986** – Federal-Provincial Environmental Review Panel assesses potential environmental and socio-economic effects of offshore oil and gas exploration. Final report recommends exploration could proceed subject to 92 specific recommendations.
- **1986-1989** – British Columbia and Canada conduct negotiations on management of offshore oil and gas exploration and development (the Pacific Accord).
- **1989** - British Columbia announces there will be no drilling offshore for at least five years (the provincial moratorium). Canada announces it will not consider any development in the offshore until requested by British Columbia.
- **2001** – Provincial Election.

Estimated Oil and Gas In Place (OGIP)







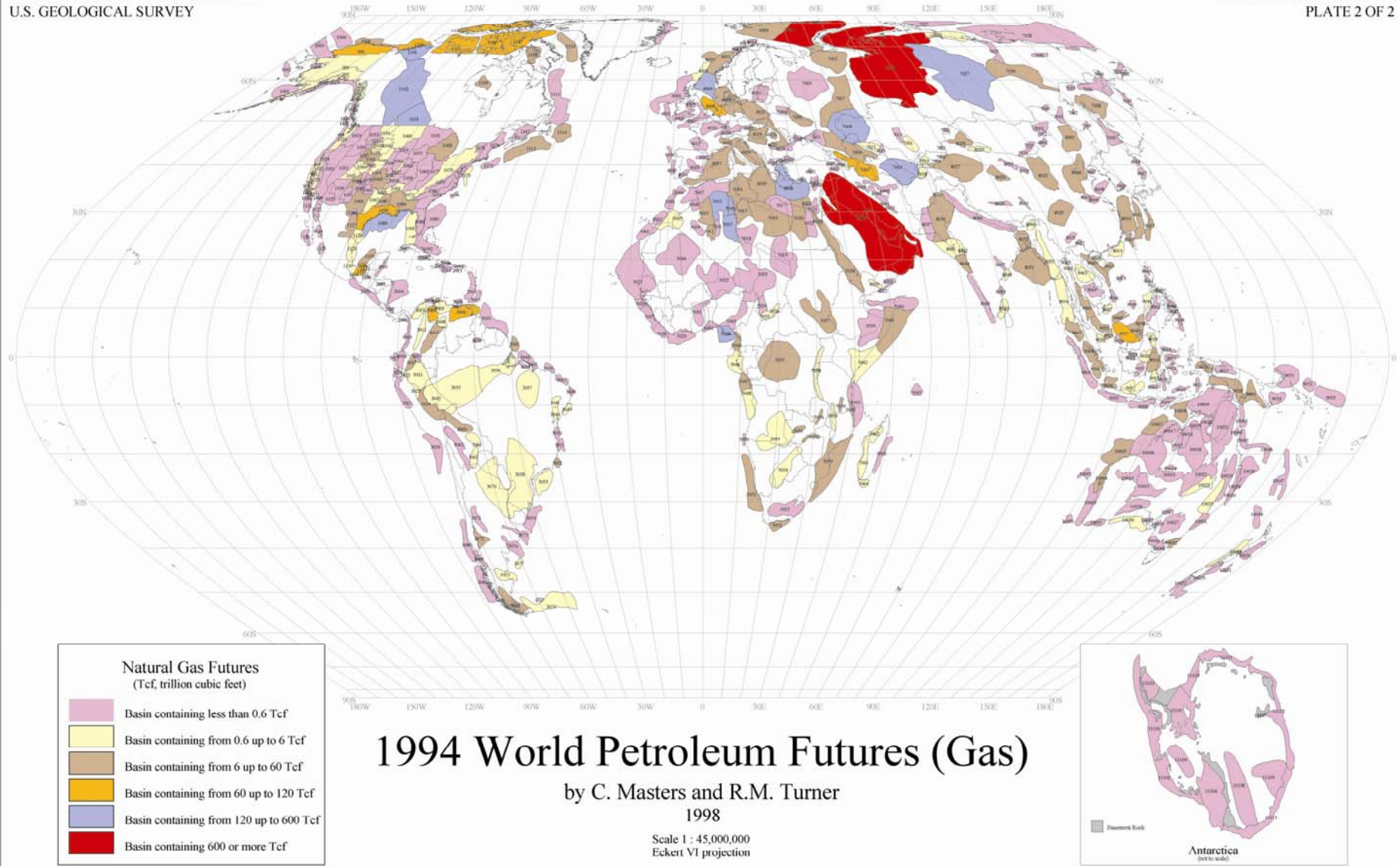
1994 World Petroleum Futures (Oil)

by C. Masters and R.M. Turner
1998

Scale 1 : 45,000,000
Eckert VI projection

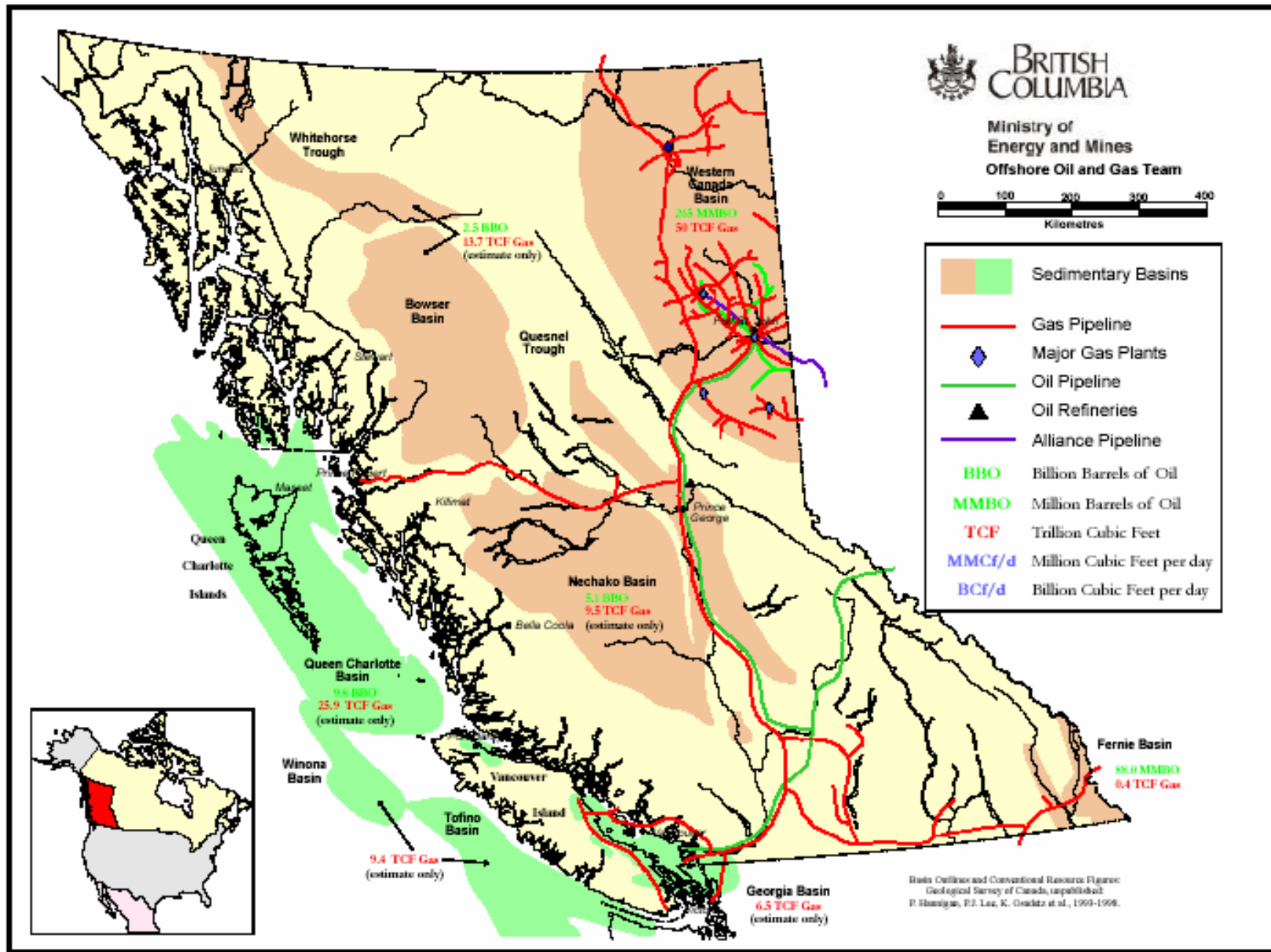


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Offshore Petroleum Potential in British Columbia



Recent Events

- **2001** – Offshore Oil and Gas Technology Update
- **2002** – British Columbia Offshore Hydrocarbon Development: Report of the Scientific Review Panel
- **2004** – Report of the Expert Panel on Science Issues Related to Oil and Gas Activities, Offshore British Columbia
- **2004** – Report of the Public Review Panel on the Government of Canada's Moratorium on Offshore Oil and Gas Activities in the Queen Charlotte Region, British Columbia
- **2004** – Rights, Risks and Respect: A First Nations Perspective on the Lifting of the Federal Moratorium on Offshore Oil & Gas Exploration in the Queen Charlotte Basin of British Columbia

One company's assessment

Technical		Prospectively highly uncertain, technology exists, environmental must be addressed (appears doable)
Economic		Costs and economics uncertain
Commercial		Market outlook very favourable
Organizational		Industry capability exists, limited current capacity for West Coast Offshore
Political/societal		Jurisdiction, fiscal, regulatory framework are undefined, meaningful First Nations engagement required...mixed stakeholder messages

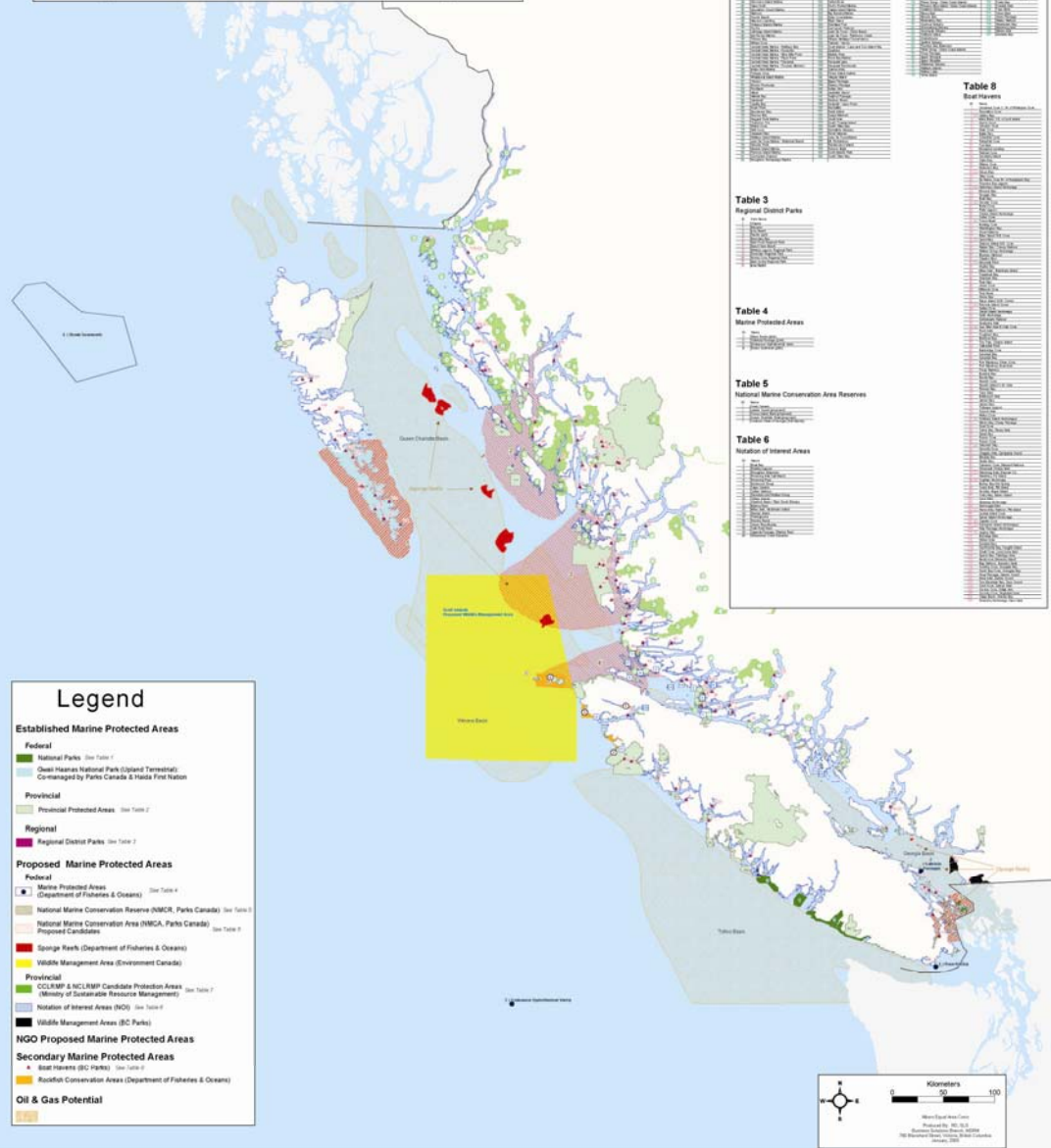
Provincial Approach

- **Work with First Nations, coastal communities and stakeholders**
- **Refine Options for Management Regulatory Regime**
- **Continue to support research and science related to offshore**



Existing & Proposed Marine Protected Areas Inventory

Ministry of Sustainable Resource Management



Legend

Established Marine Protected Areas

Federal

- National Parks (See Table 1)
- Great Bear Rainforest National Park (Open Terrestrial)
- Conserved by Parks Canada & First Nations

Provincial

- Provincial Protected Areas (See Table 2)

Regional

- Regional District Parks (See Table 3)

Proposed Marine Protected Areas

Federal

- Marine Protected Areas (Department of Fisheries & Oceans) (See Table 4)
- National Marine Conservation Reserve (NMCRA, Parks Canada) (See Table 5)
- National Marine Conservation Area (NMCA, Parks Canada) Proposed Candidates (See Table 6)
- Sponge Reefs (Department of Fisheries & Oceans)
- Wildlife Management Area (Environment Canada)

Provincial

- OCLINP & MCLINP Candidate Protection Areas (Ministry of Sustainable Resource Management)
- Notation of Interest Areas (NOI) (See Table 8)
- Wildlife Management Areas (BC Parks)

NGO Proposed Marine Protected Areas

Secondary Marine Protected Areas

- Boat Harbors (BC Parks) (See Table 7)
- Reefnet Conservation Areas (Department of Fisheries & Oceans)

Oil & Gas Potential

- Oil & Gas Potential

Name	Province	Year	Area (km ²)
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Name	Province	Year	Area (km ²)
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Protected and Proposed Protected Areas in the Queen Charlotte Basin

