

**ASSOCIATION OF CANADA LANDS SURVEYORS  
BOARD OF EXAMINERS**

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**SCHEDULE III / ITEM 2  
PROPERTY RIGHTS SYSTEMS ON CANADA LANDS**

**October 2004**

This examination consists of 11 questions on 2 pages plus one chart for Question 11

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u>	
		<u>Value</u>	<u>Earned</u>
1.	List 5 types of federal lands and their managing department/agencies	5	
2.	There is significant talk of a potential Mackenzie Valley gas pipeline to bring northern Canada's gas to southern markets. a) Describe the oil and gas administration regime in the Northwest Territories b) Describe briefly the role of the National Energy Board, if any, for such a project.	15	
3.	What is the purpose and nature of a surrender of land under the Indian Act?	7	
4.	Describe the land registration system(s) for Indian lands and the organization responsible for it (them).	8	
5.	Name the various types of land in the Yukon Territory and the legislation governing each.	10	
6.	How may Canada Lands be alienated in Yukon and the Northwest Territories?	5	
7.	In essay form (i.e., not point-form), describe the progress of the laws of maritime jurisdiction starting in the 1400s and ending at the present time. Marks for technical content Marks for style	7 3	
8.	The Canadian claim for the offshore USA - Canada boundary north of Alaska and Yukon in the Beaufort Sea is the 141° West meridian based on an 1825 treaty between Russia and Great Britain. a) As a surveyor, provide a technical interpretation of this claim. b) As a surveyor, describe the determination of this boundary at sea (or on sea-ice).	4 3	
9.	According to Article 76 of the United Nations Convention on the Law of the Sea, the outer limit of the juridical continental shelf is to be determined by parameters relevant to the Territorial Sea baselines, the geological shelf, slope and rise, bathymetry, and the thickness of the sedimentary rocks. Draw as many profiles as necessary of the ocean floor seaward from the shore that utilize <u>each</u> of the conditions for the maximum claim to the juridical continental shelf. Your profiles must be drawn to scale (with vertical exaggeration, please) <u>or</u> labeled with depths and distances at all appropriate points.	15	

10.	<p>What role, if any, do the following government bodies have in determining and/or managing Canada Lands offshore?</p> <ul style="list-style-type: none"> <li>a) Dept. of Foreign Affairs and International Trade</li> <li>b) Royal Canadian Mounted Police (RCMP)</li> <li>c) Canadian Hydrographic Service (CHS)</li> <li>d) Canadian Coast Guard (CCG)</li> <li>e) Dept. of Fisheries &amp; Oceans (other than CHS &amp; CCG)</li> <li>f) Legal Surveys Division, Dept. of Natural Resources, (Canada)</li> <li>g) Geological Survey of Canada, Dept. of Natural Resources, (Canada)</li> <li>h) Dept. of National Defense</li> <li>i) Dept. of Justice</li> <li>j) Dept. of Indian Affairs and Northern Development</li> </ul>	10	
11.	<ul style="list-style-type: none"> <li>a) On the attached chart, locate both the equidistance line and the thalweg between the banks of the river.</li> <li>b) State that you are a citizen of either Country “A” or Country “B” and provide reasons why the equidistance line or thalweg would be a better choice for a boundary for the country that you picked.</li> </ul> <p>(Map scale is 1:10,000. Depths are feet and subscripts are 0.1 feet.)</p>	4	
	<b>Total Marks:</b>	100	