

ASSOCIATION OF CANADA LANDS SURVEYORS
BOARD OF EXAMINERS

SCHEDULE III / ITEM 2
PROPERTY RIGHTS SYSTEMS ON CANADA LANDS

September 2002
(March 18, 1999 Regulations)

This examination consists of 11 questions on 2 pages

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u>	<u>Value Earned</u>																								
1.	What are the fundamental components of a property rights system in Canada?	10																									
2.	What is a land registration system and what are the basic land registration systems in Canada?	6																									
3.	Describe the prime purpose of a legal survey in Canada.	6																									
4.	How may Canada Lands be alienated in the Territories?	8																									
5.	Describe the oil and gas registration system on Indian lands.	10																									
6.	List 5 types of federal lands and their managing agencies.	10																									
7.	<p>Match, if possible, the date in column "A", with the person in column "B", with the maritime area in column "C" addressed by that person.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;">Column "A"</td> <td style="width: 33%; border: none;">Column "B"</td> <td style="width: 33%; border: none;">Column "C"</td> </tr> <tr> <td style="border: none;">1601</td> <td style="border: none;">Truman</td> <td style="border: none;">High Seas</td> </tr> <tr> <td style="border: none;">1945</td> <td style="border: none;">Seldon</td> <td style="border: none;">The Area</td> </tr> <tr> <td style="border: none;">1494</td> <td style="border: none;">de Groot</td> <td style="border: none;">Continental Shelf</td> </tr> <tr> <td style="border: none;">1639</td> <td style="border: none;">Pardo</td> <td style="border: none;">Closed Sea</td> </tr> <tr> <td style="border: none;">1901</td> <td style="border: none;">Hale</td> <td style="border: none;">Fore Shore</td> </tr> <tr> <td style="border: none;">1967</td> <td style="border: none;">Henry VIII</td> <td style="border: none;">All oceans</td> </tr> <tr> <td style="border: none;">1509</td> <td style="border: none;">Alexander VI</td> <td style="border: none;">Territorial Sea</td> </tr> </table>	Column "A"	Column "B"	Column "C"	1601	Truman	High Seas	1945	Seldon	The Area	1494	de Groot	Continental Shelf	1639	Pardo	Closed Sea	1901	Hale	Fore Shore	1967	Henry VIII	All oceans	1509	Alexander VI	Territorial Sea	5	
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8.	<p>On the attached diagram of a coastal profile, determine the following locations:</p> <p>a) the territorial sea limit b) Exclusive Economic Zone limit c) the foot of the slope d) 60 n.m. from the foot of the slope e) point where the sedimentary thickness is 1% of the distance from the foot of the continental slope f) 2500 metre isobath g) 100 n.m. from the 2500 metre isobath h) 350 n.m. from the coast</p> <p>Indicate by a heavy vertical line the location of the outer limit of the Continental Shelf under Article 76 of the Law of the Sea Convention.</p>	18																									

9.	<p>Contrast and compare the Federal-provincial offshore resources agreements signed by Newfoundland and Labrador and that signed by Nova Scotia.</p> <p>Or</p> <p>What was the source of the recent [1972 – 2002] Newfoundland and Labrador versus Nova Scotia disagreement over offshore resources? How was this resolved? Include geometric parameters.</p>	10	
10.	<p>An incident occurred near the 12 n.m. Territorial Sea limit at a defined location known in NAD 83. Describe the computation process to determine the exact distance from the appropriate straight baseline of the Territorial Sea of Canada, defined by the charted position of each end of the baseline.</p>	10	
11.	<p>Describe the geometric properties of:</p> <ul style="list-style-type: none"> a) thalweg b) equidistance line c) rhumb line d) geodesic e) half effect line f) straight baseline g) normal baseline 	7	
Total Marks:		100	0