

ASSOCIATION OF CANADA LANDS SURVEYORS

BOARD OF EXAMINERS

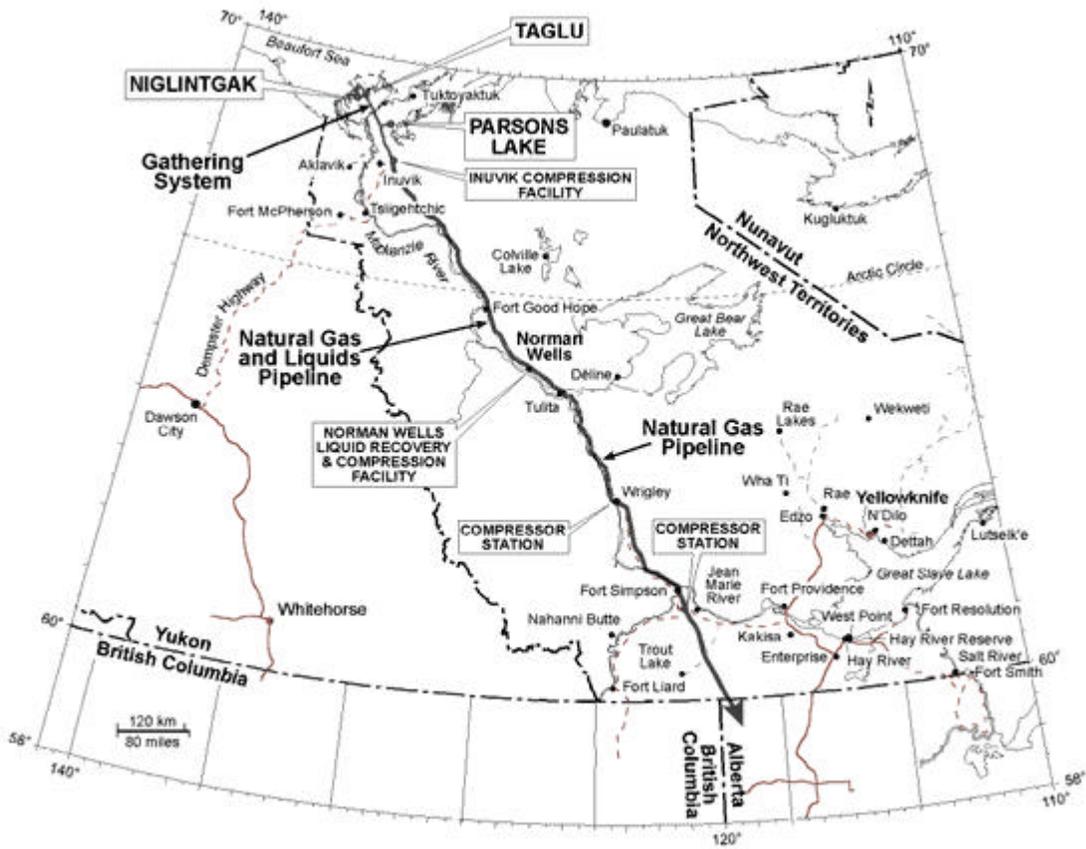
SCHEDULE III / ITEM 2 PROPERTY RIGHTS SYSTEMS ON CANADA LANDS

March 2002
(March 18, 1999 Regulations)

This examination consists of 11 questions on 2 pages plus two maps and a diagram. The maps and diagram must be turned in with the examination paper.

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u> <u>Value Earned</u>	
1	a) Describe the main attributes of lands in the Northwest Territories under: i. certificate of title ii. lease under the Territorial Lands Act iii. agreement for sale under the Territorial Lands Act b) What is the effect of an outstanding Comprehensive Claim on each of them?	6	
2	There is significant talk of a potential Mackenzie Valley gas pipeline to bring northern Canada's gas to southern markets. a) What are the various property rights systems for surface interests that such a project would have to deal with, assuming the pipeline follows the route shown on the attached map? b) Describe briefly the role of the National Energy Board, if any, for such a project.	20	
3	Describe the following as to type of lands and legislation: a) National Park b) National Wildlife Area	6	
4	Describe the land registration system(s) for Indian lands and its organization(s).	8	
5	Name the various types of land in the Yukon Territory and the legislation governing each.	10	
6	For any four (4) of the seven that follow, what role do (did) the following people or organizations have with maritime boundaries: a) Pope Alexander VI b) John Seldon c) Harry S. Truman d) Ambassador Pardo e) International Court of Justice f) UN Commission on the Limits of the Continental Shelf g) Legal Surveys Division, NRCan	8	

7	<p>For <u>one</u> of the following court cases, describe the advancement in knowledge in legal principles gained from its decision:</p> <p>a) 1969 North Sea cases b) 1984 Gulf of Maine case c) 1992 St. Pierre and Miquelon case</p>	5	
8	<p>Briefly describe (50 words or less) the survey procedure of positioning at sea and the accuracy expected by one survey system in each of the following categories:</p> <p>a) celestial determination, b) visual fixing with respect to shore, c) terrestrial radio propagation, d) satellite.</p> <p>Additionally, for each system, describe the level of knowledge of geodesy required.</p>	6 4	
9	<p>The accompanying map is a part of CHS Field Sheet of an important river in Canada drawn at the scale of 1:10,000. On the map, draw the thalweg and the equidistance line.</p> <p>Discuss the merits of both lines as an international boundary line in light of your findings.</p>	6 4	
10	<p>Compare the federal – provincial arrangement of management of the offshore resources between Nova Scotia and Newfoundland & Labrador.</p>	5	
11	<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>	12	
	Total Marks:	100	0



Map for Question 2

