

**BREVET DE TECHNICIEN SUPÉRIEUR****ANGLAIS****✧ GROUPE 14 ✧**

<i>Spécialités</i>	<i>Durée</i>	<i>Coefficient</i>
<i>Chimiste</i>	<i>2 heures</i>	<i>1</i>
<i>Techniques physiques pour l'industrie et le laboratoire</i>	<i>2 heures</i>	<i>2</i>

**DICTIONNAIRE BILINGUE AUTORISÉ.**

**L'USAGE DE LA CALCULATRICE EST INTERDIT.**

**Tout autre matériel est interdit.**

***Avant de composer, le candidat s'assurera que le sujet comporte bien  
3 pages numérotées de 1/3 à 3/3.***

**I – COMPRÉHENSION**

**(10 points)**

- 1) Faire un compte-rendu du texte en français.  
(Entre 100 et 120 mots) (7 points)
  
- 2) Traduire en français de la ligne 33 : "The first shipment, ..." à la  
ligne 38 : "... *unpredictable weather patterns.*" (3 points)

**II – EXPRESSION**

**(10 points)**

- 1) Write a paragraph to give the advantages and drawbacks  
linked to this new trade route (those in the text and others  
you can think of).  
(80 words) (4 points)
  
  - 2) Do you think there are enough initiatives to save the  
Earth ? Justify your answer.  
(120 words) (6 points)
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## Canada, Russia Eye 'Bridge' Over Melting Ice Cap

Vancouver BC Canada (AFP) Jan 26, 2005

Global warming may augur future environmental misery for some, but it is good news for entrepreneurs poised to cash in on the melting polar ice cap to forge a new Canada-Russia trade route.

5 Russian crude oil destined for the gas guzzling United States could soon be shipped through a passage between Churchill, 1,000 kilometres (620 miles) north of the US-Canada border and Murmansk in Russia's far north on the Barents Sea.

10 Churchill, on the western shore of the Hudson Bay, is cut off from Murmansk by a vast tract of ice which blocks off routes between chains of islands for much of the year, but warming temperatures on the roof of the world are allowing ships to navigate for longer periods annually.

Last year, the city's port, an isolated spot braved by only polar bears and about 1,000 residents, and tourists drawn by the haunting beauty of the aurora borealis, was open from July to November.

15 By mid-century, scientists predict waterways could remain ice-free year round, cutting more than 2,000 kilometres (1,240 miles) off trips to northern Europe or Russia.

A delegation is currently in Russia to discuss plans for the new trade route, led by Denver, Colorado-based Omnitrax, which owns the port in Churchill, to meet private and public sector officials.

20 "We're very excited. There is great potential for increasing trade between North America and the Russian sphere," said Mike Ogborn, who is spearheading the port's ambitious expansion plan.

Currently, only a small amount of Canadian grain is shipped through Churchill.

25 Most traffic goes instead through the ports of Vancouver in western Canada and Montreal in the east, where larger populations wield more clout and shipping routes are clear.

The US group Omnitrax, hoping to welcome ships of over 40,000 tonnes, has dredged the harbor in Churchill and reinforced the connecting rail bed to support heavier loads.

30 Soon, it hopes to more than double the volume and variety of commodities shipped through the port including phosphates, ores, petroleum products, fertilizer and agricultural machinery.

The first shipment, if negotiations go well, will set sail later this year. (...)

35 A fleet of 10 Russian icebreakers and ice-resistant cargo ships could be deployed to keep the route open an extra month, the ambassador has suggested. (...)

But, there is a downside for Canada too. Northern aboriginal populations have reported adverse effects on traditional hunting in an increasingly unfamiliar landscape with unpredictable weather patterns.

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