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**CANADA-NOVA SCOTIA  
OFFSHORE PETROLEUM BOARD**

**GEOLOGICAL & GEOPHYSICAL  
INFORMATION AVAILABLE  
ON  
CALL FOR BIDS NS11-01**

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**June 2011**

## **BOARD INFORMATION**

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**Table of Contents**

<b>Introduction</b> .....	<b>5</b>
A. <i>Disclosure of Technical Data</i> .....	5
B. <i>Explanation of Program Numbers for Geological and Geophysical Programs</i>	5
<b>1. Call For Bids NS11-01</b> .....	<b>9</b>
<i>Parcel 1</i> .....	9
<i>Parcel 2</i> .....	9
<i>Parcel 3</i> .....	10
<i>Parcel 4</i> .....	10
<i>Parcel 5</i> .....	11
<i>Parcel 6</i> .....	11
<i>Parcel 7</i> .....	12
<i>Parcel 8</i> .....	12
<b>2. Well Summaries</b> .....	<b>14</b>
Acadia K-62.....	14
Albatross B-13.....	16
Evangeline H-98.....	17
Bonnet P-23 .....	19
Glooscap C-63 .....	21
Mohawk B-93 .....	22
Moheida P-15.....	24
Mohican I-100 .....	25
Montagnais I-94 .....	27
Newburn H-23 .....	28
Oneida O-25.....	31
Shelburne G-29 .....	33
Shubenacadie H-100.....	34
Torbrook C-15 .....	36
<b>3. NS11-01 Geophysical Data - Report Descriptions</b> .....	<b>38</b>
<b>4. Program Location Maps</b> .....	<b>41</b>
Figure 01: Location Map for 8620-C020-001E, 002E .....	42
Figure 02: Location Map for 8620-G005-004P .....	43
Figure 03: Location Map for 8620-M003-016E .....	44
Figure 04: Location Map for 8620-S006-009E .....	45
Figure 05: Location Map for 8620-S014-006E .....	46
Figure 06: Location Map for 8624-S024-001P .....	47
Figure 07: Location Map for 8624-C015-002P,003P,004P.....	48
Figure 08: Location Map for 8624-C033-001E,002E .....	49
Figure 09: Location Map for 8624-P028-001E .....	50
Figure 10: Location Map for 8624-P028-002E .....	51
Figure 11: Location Map for 8624-P028-034E,051E .....	52
Figure 12: Location Map for 8624-P028-049E .....	53
Figure 13: Location Map for 8624-P028-050E .....	54
Figure 14: Location Map for 8624-P028-060E .....	55
Figure 15: Location Map for 8624-P028-069E .....	56
Figure 16: Location Map for 8624-S006-005E,006E .....	57

Figure 17: Location Map for 8624-S006-008E .....	58
Figure 18: Location Map for 8624-S006-012E .....	59
Figure 19: Location Map for 8624-S006-025E,026E .....	60
Figure 20: Location Map for 8624-S006-028E, 031E .....	61
Figure 21: Location Map for 8624-S006-032E .....	62
Figure 22: Location Map for 8624-S006-033E .....	63
Figure 23: Location Map for 8624-S006-036E .....	64
Figure 24: Location Map for 8624-S006-042E .....	65
Figure 25: Location Map for 8624-T021-006E.....	66
Figure 26: Location Map for 8624-T021-008E.....	67
Figure 27: Location Map for 8624-W013-001P .....	68
Figure 28: Location Map for 8624-W013-005P .....	69
Figure 29: Location Map for NS24-G005-001P .....	70
Figure 30: Location Map for NS24-G005-002P .....	71
Figure 31: Location Map for NS24-G005-008P (Confidential).....	72
Figure 32: Location Map for NS24-G026-001P,G065-001P.....	73
Figure 33: Location Map for NS24-G075-003P (Confidential).....	74
Figure 34: Location Map for NS24-P003-002E .....	75
Figure 35: Location Map for NS24-P003-004E .....	76
Figure 36: Location Map for NS24-S006-001E, 002E .....	77
Figure 37: Location map for NS24-T063-004P (Confidential) .....	78
Figure 38: Location map for NS24-W013-001P .....	79
Figure 39: Location Map for NS24-W013-002P,003P .....	80
Figure 40: Location Map for BGR 1979.....	81
Figure 41: Location Map for LITHOPROBE 1988 .....	82
<b>4. Seismic Spec Company Contacts .....</b>	<b>83</b>

## **Introduction**

This publication contains lists of released geological and geophysical reports available from the Canada-Nova Scotia Offshore Petroleum Board (“CNSOPB” or the “Board”) for the Call for Bids NS11-1 area (see Figure 1a) in the Nova Scotia offshore.

Additional information may be obtained from the CNSOPB’s “Information on Well Data, Geologic Data, Geophysical Data and Land Rights”, January 2011.

### **A. *Disclosure of Technical Data***

Sections 122 and 121 respectively of the federal and provincial legislation deal with the confidentiality and disclosure of information provided for purposes of the legislation.

Information or documentation in respect of an exploratory well is held confidential for 2 years following the well termination date. The following confidentiality period for delineation well is 2 years following the termination date of the discovery well on the same prospect, or 90 days following the well termination date of the delineation well, whichever is longer. For a development well, the confidentiality period is 2 years following the termination date of the discovery well on the same prospect, or 60 days following the termination date of the development well, whichever is longer. General information on a well, including its name, operator, classification, location, identity of the drilling unit, depth, and operation status of the drilling program may be obtained from the Board on a current basis.

Information or documentation in respect to non-exclusive geophysical work is held confidential for at least 10 years following the completion date of the work. The geophysical regulations define a non-exclusive survey as a geophysical operation that is conducted to acquire data for the purpose of sale, in whole or in part, to the public.

Information and documentation in respect to exclusive geological or exclusive geophysical work is held confidential for a period of 5 years following the completion date of the work. The date of completion is considered to occur 6 months after the field program is terminated. Operators are required to submit comprehensive reports on each program in the offshore area. These reports, together with associated items such as interpretative maps, seismic sections, well logs, cores, cuttings, fluid samples and paleontological materials derived from such programs are held confidential for the requisite period, and then released for public examination.

**The completeness and quality of reports vary depending on operator and the program vintage.**

### **B. *Explanation of Program Numbers for Geological and Geophysical Programs***

Released geological, geophysical and related reports are listed alphabetically by program number and company code. Upon approval of an application to conduct a geophysical or geological program, a unique program number is assigned to the project by the regulator. For programs completed prior to January 1990 this number was assigned by the federal Department of Energy, Mines and Resources (EMR). The number is coded to contain;

- the geographic region to which the program relates;
- the type of geophysical or geological work proposed;

- the company operating the program; and
- the sequential number of that type of program operated by that company.

For example, a typical program number for offshore Nova Scotia could be 8624-M003-044E. It follows the format ABCD-EFGH-IJKL, each sequence of letters corresponding to an alphanumeric code:

- **AB** (86 in example) identifies an east coast offshore exploration program approved prior to 1990. **NS** identifies an offshore Nova Scotia program completed after January, 1990 and approved by the Canada-Nova Scotia Offshore Petroleum Board.
- **CD** (24 in the example) identifies the type of geological/geophysical work where:
  - 20-combined geophysical Survey
  - 21-aeromagnetic survey
  - 23-seafloor gravity survey
  - 24-seismic reflection survey
  - 25-seismic refraction survey
  - 26-shallow seismic, seabed survey
  - 27-(re)processing, (re)interpretation
  - 28-geophysical (other)
  - 30-combined geological program etc
  - 31-offshore geological program
  - 32-paleontological/palynological study
  - 33-geochemical study
  - 34-petrography
  - 35-purchase of geological studies
  - 36-isotope age dating
  - 37-in-house geological studies
  - 39-onshore geological surveys
  - 40-research program/environmental
  - 41-environmental data
  - 42-chemistry & toxicity
  - 43-aesthetic environmental
  - 44-basis of design
  - 45-pipeline geophysical survey
  - 46-\*geotechnical

\*note: prior to 2004 geotechnical programs were classified with 26-shallow seismic, seabed

**EFGH** (M003 in the example) identifies the operator or company code where:

- A004 Amoco
- A012 Austin Exploration
- A014 Aqua Terra
- A024 Amoco Production Co.
- B003 B. P. O. P
- B004 Banner Petroleum Ltd.
- B011 Bow Valley
- C002 Canadian Export Oil & Gas
- C004 Chevron Canada
- C012 Canadian Reserve Oil & Gas

C015 Caravel/Catalina Exploration  
C020 Canadian Superior  
C033 Canadian Ashland Exploration  
C034 Central Del-Rio Oils  
C039 Cavalier Energy Inc.  
C055 Canterra  
C146 Canadian Superior Energy Inc.  
D001 Digicon Exploration  
D003 Dome Petroleum  
D004 Delta Exploration  
D009 Dome Canada  
D015 Dalhousie University  
E006 Exxon  
E040 ExxonMobil Canada Properties  
E043 EnCana Corporation  
G001 Gulf Canada Resources  
G005 Geophysical Service Inc.  
G011 Geophoto services  
G014 Great Plains Development  
G020 Gebco (US) Inc.  
G026 Geco Geophysical Canada Ltd.  
G041 Government of Canada  
G065 Geco-Prakla  
G075 GX Technology  
H005 Home Oil  
H006 Husky Oil Operations Ltd.  
H007 Hudson's Bay Oil & Gas  
I003 Imperial Oil Resources Limited  
J001 Esso Resources  
J008 ICG Resources  
J013 Jebco Surveys  
L023 LASMO Nova Scotia Limited  
K006 Kerr, J. William & Associates  
M003 Mobil Oil Canada  
M006 Murphy Oil  
M013 McDermott, J. R  
M055 Marathon Canada Limited  
N005 Norcen Energy Resources  
N011 Nova Scotia Resources Limited  
O011 Onaping Resources Limited  
P003 PanCanadian Petroleum Ltd.  
P011 Pacific Petroleums  
P028 Petro-Canada  
R005 Robertson Research - N. America  
S001 Seibens Oil & Gas  
S003 Shenandoah Oil  
S006 Shell Canada Resources  
S008 Sun Oil  
S009 Scurry-Rainbow Oil  
S014 SOQUIP  
S016 Sultan Exploration

S024 Seiscan Delta  
S047 Simin Expl. Consultants Ltd.  
S092 St. Mary's University  
T007 Texaco Canada  
T013 Transalta Oil & Gas  
T021 Texaco Canada Resources  
T036 Teknica Resource Development Ltd.  
T063 TGS-NOPEC Geophysical Company  
U003 Union Oil  
V001 Voyager Petroleums  
V003 Veritas Seismic  
W006 Western Decalta  
W013 Western Geophysical  
W030 Western-Geo Canada

- **IJK (044E in the example) is the program type where:**
  - E - exclusive program
  - P - participation or speculative program
  - DT - data trade
  - DA - data acquisition

Therefore, the program number 8624-M003-044E indicates the 44th seismic reflection survey in the East Coast Offshore Region conducted exclusively for Mobil, and carried out prior to January, 1990.

### **C. Explanation Concerning Interpretation of Geologic Tops:**

For all wells drilled prior to 1988 (D#1-124 inclusive), the geologic tops are sourced from the following publication: MacLean, B.C., and Wade, J.A., 1993: *Seismic Markers and Stratigraphic Picks in the Scotian Basin Wells*. East Coast Basin Atlas Series, Geological Survey of Canada, 276p. Tops data for all subsequent wells (D#125 onwards) are sourced from the respective companies' well history and related reports that are identified below each table.

Detailed information on all Scotian Basin stratigraphic units can be found in the following publication: Williams, G.L., Fyffe, L. R., Wardle, R. J., Colman-Sadd, S.P., and Boehner, R. C., 1985: *Lexicon of Canadian Stratigraphy Volume VI - Atlantic Region*. Canadian Society of Petroleum Geologists, Calgary, 572p.



**1. Call For Bids NS11-01**

**Parcel 1** (Search Co-ordinates)

N. Latitude	42.33	E. Longitude	-64.00
S. Latitude	41.83	W. Longitude	-64.75

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-G005-008P	2003	Figure 31
NS24-T063-004P	2003	Figure 37
<b>Off-Confidential Programs</b>		
8620-G005-004P	1972	Figure 02
8620-S006-009E	1972	Figure 04
8620-S024-001P	1972	Figure 06
8624-C015-002P,003P,004P	1970	Figure 07
8624-P028-002E	1978	Figure 10
8624-P028-034E,051E	1982	Figure 11
8624-P028-060E	1983	Figure 14
8624-S006-005E,006E	1970	Figure 16
8624-S006-008E	1971	Figure 17
8624-S006-012E	1973	Figure 18
8624-S006-025E,026E	1981	Figure 19
8624-S006-032E	1982	Figure 21
8624-S006-036E	1983	Figure 23
8624-S006-042E	1984	Figure 24
8624-T021-006E	1983	Figure 25
8624-W013-001P	1983	Figure 27
8624-W013-005P	1985	Figure 28
NS24-G005-001P	1998	Figure 29
NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-P003-004E	2001	Figure 35
NS24-W013-002P,003P	1999	Figure 39
BGR 1979	1979	Figure 40

**Parcel 2** (Search Co-ordinates)

N. Latitude	42.33	E. Latitude	-63.25
S. Longitude	41.83	W. Longitude	-64.00

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-T063-004P	2003	Figure 37
NS24-G005-008P	2003	Figure 31
<b>Off-confidential Programs</b>		
8620-S006-009E	1972	Figure 04
8620-S024-001P	1972	Figure 06
8624-S006-012E	1973	Figure 18
8624-S006-032E	1982	Figure 21
8624-S006-033E	1982	Figure 22
8624-W013-001P	1983	Figure 27
8624-W013-005P	1985	Figure 28
NS24-G005-001P	1998	Figure 29

NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-W013-001P	1998	Figure 38
NS24-W013-002P,003P	1999	Figure 39
BGR 1979	1979	Figure 40

**Parcel 3** (Search Co-ordinates)

N. Latitude	42.33	E. Longitude	-62.50
S. Latitude	41.83	W. Longitude	-63.15

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-T063-004P	2003	Figure 37
NS24-G005-008P	2003	Figure 31
<b>Off-confidential Programs</b>		
8620-G005-004P	1972	Figure 02
8620-S006-009E	1972	Figure 04
8620-S024-001P	1972	Figure 06
8624-S006-012E	1973	Figure 18
8624-S006-032E	1982	Figure 21
8624-W013-001P	1983	Figure 27
8624-W013-005P	1985	Figure 28
NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-W013-001P	1998	Figure 38
NS24-W013-002P,003P	1999	Figure 39
BGR 1979	1979	Figure 40

**Parcel 4** (Search Co-ordinates)

N. Latitude	42.50	E. Longitude	-61.75
S. Latitude	42.00	W. Longitude	-62.50

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Off-confidential Programs</b>		
8620-G005-004P	1972	Figure 02
8620-S006-009E	1972	Figure 04
8620-S014-006E	1983	Figure 05
8620-S024-001P	1972	Figure 06
8624-S006-012E	1973	Figure 18
8624-S006-032E	1982	Figure 21
8624-S006-036E	1983	Figure 23
8624-W013-001P	1983	Figure 27
8624-W013-005P	1985	Figure 28
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-P003-002E	2000	Figure 34
NS24-W013-001P	1998	Figure 38

**Parcel 5** (Search Co-ordinates)

N. Latitude	42.50	E. Longitude	-61.00
S. Latitude	42.00	W. Longitude	-61.75

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-T063-004P	2003	Figure 37
<b>Off-confidential Programs</b>		
8620-S006-009E	1972	Figure 04
8624-S006-032E	1982	Figure 21
BGR 1979	1979	Figure 40
LITHOPROBE 1988	1988	Figure 41
NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-S006-001E/002E	2000	Figure 36

**Parcel 6** (Search Co-ordinates)

N. Latitude	43.00	E. Longitude	-61.00
S. Latitude	42.50	W. Longitude	-61.75

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-T063-004P	2003	Figure 37
NS24-G075-003P	2003	Figure 33
<b>Off-confidential Programs</b>		
8620-G005-004P	1972	Figure 02
8620-M003-016E	1973	Figure 03
8620-S006-009E	1972	Figure 04
8620-S014-006E	1983	Figure 05
8624-P028-002E	1978	Figure 10
8624-P028-049E	1982	Figure 12
8624-S006-012E	1973	Figure 18
8624-S006-025E,26E	1981	Figure 19
8624-S006-028E,31E	1981	Figure 20
8624-S006-032E	1982	Figure 21
8624-S006-036E	1983	Figure 23
8624-W013-001P	1983	Figure 27
8624-W013-005P	1985	Figure 28
BGR 1979	1979	Figure 40
LITHOPROBE 1988	1988	Figure 41
NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-S006-001E/002E	2001	Figure 36

**Parcel 7** (Search Co-ordinates)

N. Latitude	42.75	E. Longitude	-62.50
S. Latitude	42.33	W. Longitude	-63.50

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-G005-008P	2003	Figure 31
NS24-G075-003P	2003	Figure 33
<b>Off-confidential Programs</b>		
8620-S006-009E	1972	Figure 04
8620-S014-006E	1983	Figure 05
8624-C033-001E,002E	1973	Figure 08
8624-P028-002E	1978	Figure 10
8624-P028-034E,051E	1982	Figure 11
8624-P028-049E	1982	Figure 12
8624-P028-050E	1982	Figure 13
8624-P028-069E	1984	Figure 15
8624-S006-012E	1973	Figure 18
8624-S006-032E	1982	Figure 21
8624-S006-033E	1982	Figure 22
8624-T021-006E	1980	Figure 25
8624-T021-008E	1981	Figure 26
8624-W013-001P	1983	Figure 27
8624-W013-005P	1984	Figure 28
NS24-G005-002P	1999	Figure 30
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-P003-002E	2001	Figure 34
NS24-W013-002P,003P	1999	Figure 39

**Parcel 8** (Search Co-ordinates)

N. Latitude	42.66	E. Longitude	-63.50
S. Latitude	42.33	W. Longitude	-64.50

<b>Program Number</b>	<b>Year</b>	<b>Location Map</b>
<b>Confidential Programs</b>		
NS24-G005-008P	2003	Figure 31
NS24-G075-003P	2003	Figure 33
NS24-T063-004P	2003	Figure 37
<b>Off Confidential Programs</b>		
8620-C020-001E,002E	1971	Figure 01
8620-S006-009E	1972	Figure 04
8620-S014-006E	1983	Figure 05
8624-P028-001E	1977	Figure 09
8624-P028-002E	1978	Figure 10
8624-P028-034E,051E	1982	Figure 11
8624-P028-060E	1983	Figure 14
8624-P028-069E	1984	Figure 15
8624-S006-005E,006E	1970	Figure 16
8624-S006-008E	1971	Figure 17
8624-S006-012E	1973	Figure 18
8624-S006-025E,026E	1981	Figure 19
8624-S006-032E	1982	Figure 21
8624-T021-008E	1981	Figure 26

8624-W013-001P	1983	Figure 27
8624-W013-005P	1984	Figure 28
NS24-G026-001P,G065-001P	1998	Figure 32
NS24-P003-004E	2001	Figure 35
NS24-W013-002P,003P	1999	Figure 39
BGR 1979	1979	Figure 40

## 2. Well Summaries

### Acadia K-62

#### WELL SUMMARY

##### GENERAL INFORMATION

<b>D #</b>	171
<b>Company</b>	Chevron-PEX Shell
<b>Location</b>	42°51'43.54" N 61°55'02.08" W
<b>UWI</b>	300K624300061450
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	April 11, 1978
<b>Well Term. Date</b>	August 2, 1978
<b>Drilling Rig</b>	Ben Ocean Lancer
<b>Total Depth (m)</b>	5,287
<b>Water Depth (m)</b>	866.2
<b>Rotary Table (m)</b>	12.8
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

##### CASING:

<b>Casing Size x Depth (metric)</b>	<b>Casing Size x Depth (imperial)</b>
762 mm x 928 m	30" x 3,044.6'
508 mm x 1,182.9 m	20" x 3,880.9'
399.7 mm x 1,785.2 m	13 <sup>3/8</sup> " x 5,856.9'
244.5 mm x 2,786.3 m	9 <sup>5/8</sup> " x 9,141.4'
177.8 mm x 4,881m (liner)	7" x 16,013.7' (liner)

##### WELL TEST SUMMARY

<b>Type /Test #</b>	<b>Interval (m)</b>	<b>Recovery</b>	<b>Amt. Recovered</b>
DST # 1	2,786.2 – 2,822.9	water cushion muddy water slightly muddy water	152 m 475 m 2,149 m
DST # 2	4,821.9 – 4,837.8m	water cushion very muddy water slightly muddy water formation salt water	11.0m <sup>3</sup> 3.0 m <sup>3</sup> 1.5 m <sup>3</sup> 18.0 m <sup>3</sup>
DST #3	3,023.01 – 4,755.49	water cushion rat hole mud formation water mud	2 m <sup>3</sup> 1.5 m <sup>3</sup> 24.0 m <sup>3</sup> 1.5 m <sup>3</sup>

##### GEOLOGIC TOPS:

	<b>Depth (m)</b>
Banquereau Fm	2,593.4 bottom
Wyandot Fm	2,593.4

Dawson Canyon Fm	2,620.1
Petrel Mb	2,714.4
(unconformity)	2,778.0
Roseway Equivalent	2,778.0
Abenaki Fm	3,306.0
Baccaro Mb	3,306.0
Misaine Mb	4,086.0
Scatarie Mb	4,304.0
Mohican Equivalent	4,950.0

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Borehole Compensated Sonic Log, Run 1-5  
 Core Analysis Results  
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4  
 High Resolution Thermometer, Run 1  
 Chemical analysis of Core Sample  
 Special Data Analysis  
 Graphical Summary Weather and Sea Conditions Vessel Response  
 Geochemical Analysis  
 Simultaneous Compensated Neutron Formation Density, Run 1-3  
 Geochemical Well Site Log  
 Palynology & Micropaleontological Report  
 Seismic Reference Service, Run 1-5  
 Well Test Report  
 Well History Log (Crystal-Particle Size, Porosity etc.)  
 Directional Survey/Dipmeter Cluster Calculation Listing  
 Cement Bond Log, Run 2  
 Directional Log (Computed), Run 1-4  
 Dual Induction Laterolog, Run 1-5  
 Core Photos (photocopied)

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Remarks</u>
Washed Cuttings	1,200.0 – 5,287.0	1,040	
Unwashed Cuttings	1,200.0 – 5,287.0	1,022	
Sidewall Core	1,881.0 – 4,887.2	90	
Canned Cuttings	1,200.0 – 5,272.0	208	

<u>Slides:</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source:</u>
Micropaleo	1,200.0 – 5,287.0	134	cuttings
Micropaleo	2,430.0 - 5,257.0	127	cuttings
Palynology	1,200.0 – 5,287.0	131	cuttings
Palynology	1,951.0 – 4,297.7	19	sidewall core
Palynology	1,828.8 – 2,270.2	11	sidewall core

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	2,811.4 – 2,813.0	1.5
Core #2	2,813.0 – 2,816.0	0.5
Core #3	2,816.0 – 2,822.9	6.8
Core #4	3,380.6 – 3,399.2	17.4
Core #5	3,736.8 – 3,752.4	15.5
Core #6	4,842.0 – 4,854.0	9.6

**Albatross B-13****WELL SUMMARY****GENERAL INFORMATION**

<b>D #</b>	268
<b>Company</b>	Petro-Can-Texaco et al
<b>Location</b>	42°42'10.68" 63°02'11.83"
<b>UWI</b>	300B134250063000
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	December 12, 1984
<b>Well Term. Date</b>	March 28, 1985
<b>Drilling Rig</b>	Sedco 710
<b>Total Depth(m)</b>	4,046
<b>Water Depth (m)</b>	1,341
<b>Rotary Table (m)</b>	24
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
762 mm x 1,415 m	30" x 4,642'
508 mm x 1,862 m	20" x 6,109'
340 mm x 2,484 m	13 3/8" x 8,149'

**GEOLOGIC TOPS (m):**

Banquereau Fm	2,468.5
(unconformity)	2,468.5
Roseway/Artimon equiv.	2,468.5
Abenaki Fm	3,014.5
Baccaro Mb	3,014.5
(Fault)	3,815.0
Misaine Mb	3,958.4

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Compensated Densilog/Neutron, Run 1 & 2  
 Dual Laterolog, Run 1 & 2  
 Prolog Field Analysis, Well site Complex Reservoir Analysis  
 Computed Four-Arm Diplog, Run 2  
 BHC Acoustilog, Run 1 & 2  
 Formation Multi-Tester Log, Run 2  
 Directional Survey, Run 2  
 Corgun, Run 2  
 Minilog, Run 1 & 2



Composite Log  
 Four-Arm Diplog, Run 2  
 Core Photo's (Whole Diameter), Core 1  
 Core Analysis Results  
 Subsurface Masterlog  
 Plan & Field Notes  
 Formation Dip Listing, Run 1  
 Borehole Seismic Log, Final Report  
 Dual Laterolog (Reduced Mylar)  
 Carbonate Petrographic Study-Final Report  
 Composite Log  
 Synthetic Seismogram April 1, 1985  
 Synthetic Seismogram April 2, 1985  
 Continuous Velocity Data  
 Biostratigraphy-Final Report  
 Addendum to Albatross B-13 Biostratigraphy Report  
 Geochemical Evaluation  
 Borehole Seismic Log-Final Report  
 Well History Summary (Mud Report)  
 Mud/Gas Log  
 Velocity Data  
 Continuous Velocity Data

**SAMPLES**

<b>Sample Type</b>	<b>Interval (m)</b>	<b># of Samples</b>
Washed Cuttings	1,880 – 4,044	434
Unwashed Cuttings	1,880 – 4,044	434
Canned Cuttings (dried)	1,855 – 4,044	217

**Slides**

			<b>Sample Source</b>
Micropaleo	1,875 – 4,044	83	cuttings
Palynology	1,875 – 4,044	70	cuttings
Thin Section	2,511.5	1	core

**Core:**

		<b>Recovery (m)</b>
Core #1	2,511.5 – 2,517.0	5

**Evangeline H-98**

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**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	251
<b>Location</b>	43°17'26.27" N 60°58'48.40" W
<b>Company</b>	Husky / Bow Valley
<b>UWI</b>	300H984320060450
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	March 27, 1984
<b>Well Term. Date</b>	June 16, 1984
<b>Drilling Rig</b>	Bow Drill II

**Water Depth (m)** 174  
**Rotary Table (m)** 23.5  
**Total Depth MD (m)** 3,365  
**Well Type** Exploration  
**Well Status** P&A  
**Info. Release Date** Released

**WELL RE-ENTERED**

**GENERAL INFORMATION**

**D #** 251  
**Location** 43°17'26.85" N  
 60°58'50.60" W  
**Company** Husky / Bow Valley  
**UWI** As above  
**Spud Date** August 8, 1984  
**Well Term. Date** November 1, 1984  
**Drilling Rig** Bow Drill II  
**Water Depth (m)** 174  
**Rotary Table (m)** 20.1  
**Total Depth MD (m)** 5,044  
**Well Type** Exploration  
**Well Status** P&A  
**Info. Release Date** Released

**CASING:**

<b>Casing Size x Depth (metric)</b>	<b>Casing Size x Depth (imperial)</b>
762 mm x 456.6 m	30" x 1,498.0'
508 mm x 982.4 m	20" x 3,223.0'
340 mm x 3,141.6 m	13 <sup>3/8</sup> " x 10,307.1'

**GEOLOGIC TOPS :**

	<b>MD (m)</b>
Banquereau Fm	In casing
Wyandot Fm	1,8556.0
Dawson Canyon Fm	2,041.5
Petrel Mb	2,351.1, 2,371.0
Shortland Shale	2,824.0
(Fault)	4,023.0
(Top OP)	~4,023.0
(Fault)	4,649.0

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Sidewall Cores, Run 1 & 2  
 Repeat Formation Tester, Run 1  
 Waveform Long Spacing Sonic Log, Run 1  
 Dual Induction-SFL, Run 1-3  
 Simultaneous Compensated Neutron-Litho Density, Run 1 & 2  
 Dual Laterolog Micro SFL, Run 1  
 Long Spacing Sonic-Gamma Ray, Run 1-4  
 Cement Bond-Variable Density Log, Run 1

Cyberdip (Field Print), Run 4  
 Hydrocarbon Source Facies Analysis  
 Biostratigraphy Report-Final Report  
 Well Seismic Report  
 Well Seismic Results (Field Print), Run 4  
 Seismic Reference Survey, Run 2  
 Dual Induction-SFL (Reduced Mylar)  
 Composite Geological Well Data Log  
 Formation Evaluation Log  
 Wireline Data Pressure Log  
 Drilling Data Pressure Log  
 Pressure Evaluation Log  
 Pressure Parameters Plot  
 Stratigraphy  
 Cost Plot  
 Temperature Data Log  
 Mud Resistivity Log

## **Bonnet P-23**

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### **WELL SUMMARY**

#### **GENERAL INFORMATION**

<b>D #</b>	244
<b>Company</b>	Petro-Canada et al
<b>Location</b>	42°22'48.64" N 65°03'01.89" W
<b>UWI</b>	300P234230065000
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	January 14, 1984
<b>Well Term. Date</b>	April 4, 1984
<b>Rig Release Date</b>	Petro-Canada et al
<b>Drilling Rig</b>	Bow Drill 1
<b>Total Depth(m)</b>	4,336.2
<b>Water Depth (m)</b>	133
<b>Rotary Table (m)</b>	25
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

#### **CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
762 mm x 230.32 m	30" x 2,500'
508 mm x 425 m	20" x 1,394'
340 mm x 1,170.7 m	13 3/8" x 3840'
245 mm x 3,177.8 m	9 5/8" x 10,426'

#### **GEOLOGIC TOPS (m):**

Banquereau Fm	1,762.5 (bottom)
(Unconformity)	1,762.5
Logan Canyon Fm?	1762.5
Naskapi Mb	1,762.5

Roseway Unit?	1,796.0
Abenaki Fm	2,091.5
Baccaro Mb	2 091.5
Misaine Mb	3,178.6
Scatarie Mb	3,346.5
Iroquois Fm	3,525.0

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Dual Induction-SFL, Run 1-4  
 Completion Record, Run 1  
 Directional Log computed, Run 1  
 Core Sample Taker Results, Run 1 & 2  
 Cement Bond-Variable Density Log, Run 1  
 Depth Derived Borehole Compensated Sonic Log, Run 1-4  
 Four-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2  
 Borehole Geometry Survey & Cement Volume Log, Run 1 & 2  
 Simultaneous Compensated Neutron Formation Density, Run 1-3  
 Dual Laterolog Micro SFL, Run 1 & 2  
 Repeat Formation Tester, Run 1  
 Cyberlook (Reduced Mylar Only)  
 Well Seismic Report  
 Composite Log  
 Subsurface Master Log  
 Dual Induction-SFL (Reduced Mylar)  
 Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)  
 Simultaneous Compensated Neutron-Formation Density (Reduced Mylar)  
 Dual Laterolog Micro SFL (Reduced Mylar)  
 Final Well Report (Mud Report)  
 Drilling Data Pressure Log  
 Formation Evaluation Log  
 Temperature Data Log  
 Pressure Evaluation Log  
 Bit Cost Per Meter Plot  
 Drill Rate Plot  
 Resistivity Log  
 Wireline Log  
 Core Photo's (Whole Core), Core 1  
 Directional Survey, Run 1-3  
 High Resolution Dipmeter Cluster Listing, Run 2  
 Well Seismic Report  
 Petrology of the Iroquois Formation-Core 1  
 Biostratigraphy Report  
 Geochemical Evaluation-Final Report

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	445 – 3,945	595
Unwashed Cuttings	445 – 3,945	600
Canned Cuttings (dried)	445 – 3,945	294

<u>Slides</u>			<u>Sample Source</u>
Micropaleo	440 – 3,950	110	cuttings
Palynology	440 – 3,945	109	cuttings

<b>Core:</b>		<b>Recovery (m)</b>
Core #1	4,325.2 – 4,336.2	8.3

## Glooscap C-63

### WELL SUMMARY

#### GENERAL INFORMATION

<b>D #</b>	D231
<b>Company</b>	Husky Bow Valley et al
<b>Location</b>	43°12'09.83" 62°09'56.75"
<b>UWI</b>	300C634320062000
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	August 7, 1983
<b>Well Term. Date</b>	January 3, 1984
<b>Drilling Rig</b>	Bow Drill II
<b>Total Depth (m)</b>	4,542
<b>Water Depth (m)</b>	99
<b>Rotary Table (m)</b>	22.9
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

#### CASING:

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
762 mm x 309.7 m	30" x 1,016.0'
508 mm x 847.6 m	20" x 2,780.8'
340 mm x 2,653 m	13 <sup>3/8</sup> " x 8,704.0'

#### GEOLOGIC TOPS:

	<b>Depth (m)</b>
Banquereau Fm	957.0 (bottom)
Wyandot Fm	957.0
Dawson Canyon Fm	1,107.5
Petrel Mb	1,322.9
Shortland Shale	1,383.0
Missisauga Fm	2,211.5
Roseway Artimon Equiv.	2,501.1
Abenaki Fm	2,696.0
Baccaro Mb	2,696.0
Misaine Mb	3,258.0
Scatarie Mb	3,345.0
Mohican Fm	3,475.5
(Glooscap Volcanics)	3,894.0
Argo Fm	4,045.5

#### **ADDITIONAL REPORTS AND LOGS:**

Well History Report

Simultaneous Compensated Neutron-Litho Density, Run 1  
 Depth Derived Borehole Compensated Sonic Log, Run 1-4  
 Simultaneous Compensated Neutron-Litho Density (Corrected Copy), Run 1  
 Natural Gamma Ray Spectroscopy Log, Run 1  
 Dual Laterolog Micro SFL, Run 1 & 2  
 Dual Induction-SFL, Run 1-3  
 Final Well Report  
 Temperature Data Log  
 Drilling Data Pressure Log  
 Wireline Data Pressure Log  
 Pressure Evaluation Log  
 Bit Record  
 Drill Rate  
 Formation Evaluation Log (Mud Log)  
 Delta Resistivity/Flow Line Resistivity  
 Costs Cumulative Plot (1:3000)  
 Composite Geological Well Data Log  
 Well Seismic Report  
 Micropaleontology Report  
 Dual Laterolog Micro-SFL (Reduced Mylar)

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	320 – 4,540	740
Unwashed Cuttings	320 – 4,540	745
Canned Cuttings (dried)	320 – 4,540	423

**Slides**

			<u>Sample Source</u>
Micropaleo	320 – 4,540	126	co. cuttings
Micropaleo	320 – 4,450	122	cuttings
Palynology	2,692 – 4,540	96	co. sidewall core
Palynology	320 – 4,450	396	company cuttings
Palynology	320 – 4,450	120	cuttings
Thin Section	3,880 – 4,040	21	cuttings
Thin Section	670 - 610	4	core

**Mohawk B-93**

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**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	5
<b>Company</b>	Shell
<b>Location</b>	42°42'10.52" N 64°43'53.50" W
<b>UWI</b>	300B934250064300
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	May 3, 1970
<b>Well Term. Date</b>	May 23, 1970
<b>Drilling Rig</b>	Sedco H
<b>Total Depth(m)</b>	2,126

<b>Water Depth (m)</b>	117
<b>Rotary Table (m)</b>	31.4
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
406 mm x 349.9 m	16" x 1,148'
244 mm x 1,063.0 m	9 5/8" x 3,488'

**GEOLOGIC TOPS:**

	<b>Depth (ft)</b>	<b>Depth (m)</b>
Banquereau Fm	2,012	613.3 (bottom)
(Unconformity)	2,012	613.3
Dawson Canyon Fm	2,012	613.3
Petrel Mb	3,406	1,038
Shortland Shale	3,702	1,128.4
(unconformity)	4,325	1,318.3
Naskapi Mb	4,325	1,318.3
Roseway Unit	4,396	1,339.9
Mohawk Fm	5,280	1,609.3
(granite basement)	6,930	2,112.3

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Biostratigraphic Log  
 Biostratigraphy of Shell Mohawk B-93  
 Borehole Compensated Sonic Log, Run 1-2  
 Compensated Formation Density Log, Run 1  
 Dual Induction-Laterlog, Run 1-2  
 Geochemical Evaluation (x-ref. 8623-R5-1P)  
 Source Rock Summary Chart  
 Vitrinite Reflectivity Data Summary Chart  
 Geochemical Data  
 Micropaleontological/Palynological Report Appendix E  
 Micropaleontology, Palynology, & Stratigraphy ( x-ref. 8639-C20-1E)  
 Velocity Survey

**SAMPLES**

<b><u>Sample Type</u></b>	<b><u>Interval (m)</u></b>	<b><u># of Samples</u></b>
Washed Cuttings	362.7 – 2,126.0	339
Unwashed Cuttings	362.7 – 2,126.0	341
Sidewall Core	472.4 – 2,112.3	121
Canned Cuttings (dried)	362.7 – 2,126.0	35

**Slides**

			<b><u>Sample Source</u></b>
Micropaleo	502 – 2,094.0	31	sidewall core
Micropaleo	472.4 – 2,104.0	73	sidewall core
Micropaleo	362.7 – 2,118.3	97	cuttings
Palynology	362.7 – 2,114.1	105	cuttings
Palynology	472.4 – 1,857.4	60	sidewall core
Palynology	699.5 – 1,919.6	8	sidewall core

**Moheida P-15**

**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	168
<b>Company</b>	Petro Canada et al
<b>Location</b>	43°04'56.32" N 62°16'44.33" W
<b>UWI</b>	300P154310062150
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	November 18, 1976
<b>Well Term. Date</b>	February 15, 1977
<b>Drilling Rig</b>	Sedco H
<b>Total Depth(m)</b>	4,298
<b>Water Depth (m)</b>	111.9
<b>Rotary Table (m)</b>	29.9
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
406 mm x 323.4 m	16" x 1,060.97'
340 mm x 905.3 m	13 3/8" x 2,970.2'
244 mm x 939.7 m	9 5/8" x 6,364.0'

<b><u>GEOLOGIC TOPS (m):</u></b>	<b>Depth ft</b>	<b>Depth m</b>
Banquereau Fm	3618 (bottom)	1,102.8 (bottom)
(Unconformity)	3,618	1,102.8
Wyandot Fm	3,618	1,102.8
Dawson Canyon Fm	3,812	1,161.9
Petrel Mb	4,518	1,377.1
Logan Canyon Equiv	4,738	1,444.1
Missisauga Equiv	7,252	2,210.4
Roseway/Artimon?	8,312	2,533.5
Abenaki Fm	8,895	2,711.2
Baccaro Mb	8,895	2,711.2
Misaine Mb	11,040	3,365.0
Scatarie Mb	11,289	3,440.9
Mohican Fm	11,738	3,577.7
Iroquois Facies	12,230	3,727.7
(Breakup Unconformity)	13,265	4,043.2
Eurydice Fm? (Triassic)	13,265	4,043.2

**ADDITIONAL REPORTS AND LOGS:**

Final Well Report  
 Borehole Compensated Sonic Log, Run 1-4  
 Plan of Survey of Offshore Exploratory Well Location  
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4



Long Spacing Sonic Log, Run 1-3  
 Dipmeter Cluster Calculation Listing  
 Micropaleontological Report & Palynology Summary  
 Velocity Survey Plot  
 Velocity Analysis  
 Dual Induction Laterolog, Run 1-4  
 Simultaneous Compensated Neutron Formation Density, Run 1-4  
 Dual Induction Laterolog (Field Print), Run 4  
 Borehole Compensated Sonic Log (Field Print), Run 4  
 4-Arm High Resolution Continuous Dipmeter, Run 1-4  
 Simultaneous Compensated Neutron Formation Density, Run 3  
 Weather and Vessel Performance Summary  
 Composite Well Log (Gamma Ray, Resistivity, etc.)  
 Master Log (Gas in Cuttings, Drilling Rate etc.)

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	3,41.4 – 4,297.6	1,064
Unwashed Cuttings	3,41.4 – 4,297.6	1,064
Sidewall Core	3,65.8 – 4,261.1	209
Canned Cuttings (dried)	3,41.4 – 4,297.7	411

<u>Slides</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo	448.1 – 1,935.5	61	sidewall core
Micropaleo	2,538.9 – 4,297.7	59	cuttings
Palynology	4,297.7 – 4,261.1	113	cuttings
Palynology	448.0 – 4,261.1	149	sidewall core
Palynology	3,305.8	1	core
Thin Sections	2,561.8 – 3,769.2	5	core

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	2,452.1 – 2,567.3	2.44
Core #2	3,305.5 – 3,323.8	4.87
Core #3	3,743.8 – 3,763.1	16.09

**Mohican I-100**

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**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	74
<b>Company</b>	Shell
<b>Location</b>	42°59'39.04" 62°28'51.32"
<b>UWI</b>	300I004300062150
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	December 27, 1971
<b>Well Term. Date</b>	March 10, 1972
<b>Drilling Rig</b>	Sedco H
<b>Total Depth (m)</b>	4,393
<b>Water Depth (m)</b>	153.3

**Rotary Table (m)** 29.9  
**Well Status** P&A  
**Type of Well** Exploratory  
**Info. Release Date** Released

**CASING:**

<b>Size x Depth (imperial)</b>	<b>Size x Depth (metric)</b>
16" x 1,189'	406 mm x 362.4 m
13 <sup>3/8</sup> " x 3,231'	340 mm x 984.8 m
9 <sup>5/8</sup> " x 6,621'	244.5 mm x 2,018.4 m

**GEOLOGIC TOPS:**

	<b>depth (ft)</b>	<b>depth (m)</b>
Laurentian Fm	4,734	1,442.9
(unconformity)	4,734	1,442.9
Banquereau Fm	4,734	1,442.9
(unconformity)	5,616	1,711.7
Logan Canyon Equiv	5,616	1,711.7
Missisauga Equiv	7,212	2,198.2
Roseway/Artimon Equiv	8,248	2,513.9
Abenaki Fm	8,897	2,711.8
Baccaro Mb	8,897	2,711.8
Misaine Mb	10,920	3,328.4
Scatarie Mb	11,290	3,441.1
Mohican Fm	11,888	3,623.4
Iroquois Fm	12,426	3,787.4
(breakup unconformity)	14,064	4,286.7
Eurydice Fm	14,064	4,286.7
Argo Fm	14,322	4,365.3

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Borehole Compensated Sonic Log, Run 1-4  
 Compensated Formation Density and Neutron Log, Run 1 & 2  
 4-Arm High Resolution Continuous Dipmeter, Run 1-3  
 Dual Induction-Laterlog, Run 1-4  
 Micropaleontology, Palynology, Geochem, & Source Rock Analysis  
 Directional Log, Run 1-3  
 Velocity Survey (2 parts)  
 Velocity Analysis  
 Geochemical Evaluation (x-ref 8623-R5-1P)  
 Compensated Formation Density Log, Run 1  
 Geochem Analysis  
 Micropaleontology & Palynology Summary  
 Micropaleontology , Palynology & Stratigraphy

**SAMPLES**

<b>Sample Type</b>	<b>Interval (m)</b>	<b># of Samples</b>
Washed Cuttings	393.2 – 4370.8	940
Unwashed Cuttings	393.2 – 4370.8	923
Sidewall Core	388.9 – 4,390.6	239

<u>Slides</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo slides	386.2 – 4,353.7	156	sidewall core
Micropaleo slides	386.2 – 4,236.7	162	cuttings
Micropaleo slides	2,540.8 – 2,844.7	14	core
Micropaleo slides	2,838.9 – 2,845.3	9	core
Palynology slides	388.9 – 2,164.1	100	sidewall core
Palynology slides	7,150 – 4,364.7	64	sidewall core
Palynology slides	386.2 – 3,602.7	124	cuttings
Palynology slides	987.5 – 1,786.1	7	cuttings
Palynology slides	3,627.1 – 4,236.7	24	cuttings
Palynology slides	1,798.3 – 4,364.7	25	cuttings
Palynology slides	2,524.6 – 4,099.6	68	core
Palynology slides	2,532.9 – 4,145.3	29	co. core
Palynology slides	2,536.5	1	cuttings
Thin Section slides	2,541.6 – 3,982.5	3	core/cuttings
Thin Section slides	2,541.7 – 4,334.6	10	cuttings
Nannofossil slides	335.3 – 4,236.7	7	cuttings

<u>Core:</u>	<u>Interval (m)</u>	<u>Recovery (m)</u>
Core #1	2,524.6 – 2,532.5	7.8
Core #2	2,532.5 – 2,541.7	8.8
Core #3	2,838.9 – 2,848.1	8.9
Core #4	3,220.2 – 3,229.4	9.1
Core #5	3,462.5 – 3,470.5	7.0
Core #6	3,691.1 – 3,700.3	9.0
Core #7	3,700.3 – 3,968.5	6.8
Core #8	4,091.9 – 4,101.1	7.6
Core #9	4,331.0 – 4,340.0	7.7

## Montagnais I-94

### WELL SUMMARY

#### GENERAL INFORMATION

<b>D #</b>	140
<b>Company</b>	Union et al
<b>Location</b>	42°53'40.71"N 64°13'46.51"W
<b>UWI</b>	3001944300064000
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	September 12, 1974
<b>Well Term. Date</b>	September 29, 1974
<b>Drilling Rig</b>	Sedco H
<b>Total Depth (m)</b>	1,945.9 m
<b>Water Depth (m)</b>	112.8 m
<b>Rotary Table (m)</b>	29.9 m
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

Size x Depth (imperial)	Size x Depth (metric)
16" x 1,087'	406 mm x 331.3 m
13 3/8" x 2,961	340 mm x 902.5 m

**GEOLOGIC TOPS :**

	Depth (ft)	Depth (m)
Banquereau Fm	2,322 (bottom)	707.7 (bottom)
(volcanics)	2,140	652.3
(base tertiary unconformity)	2,322	652.3
(Logan Canyon Equiv.?)	2,322	652.3
(volcanics or volcanoclastics?)	3,128	953.4
	3,511	1,070.2
(meguma GP basement)	3,954	1,205.2

**ADDITIONAL REPORTS AND LOGS:**

Well History Log  
 Borehole Compensated Sonic Log, Run 1 & 2  
 4-Arm High Resolution Continuous Dipmeter, Run 1 & 2  
 4-Arm High Resolution Continuous Dipmeter (Computed), Run 1 & 2  
 Dual Induction Laterolog, Run 1 & 2  
 Simultaneous Compensated Neutron Formation Density, Run 1  
 Velocity Survey  
 Gas Log  
 Borehole Compensated Sonic Log, Run 1 & 2  
 Report on the Drilling and Abandonment

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Remarks</u>
Washed Cuttings	350.5 – 1,636.7	336	vials
Unwashed Cuttings	350.5 – 1,636.7	335	bags
Sidewall Core	472.4 - 1,583.4	44	vials
Canned Cuttings (dried)	923.5 – 1,636.7	130	bags

<u>Slides</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo	579 – 755.9	84	cuttings
Palynology	341 - 771	24	cuttings
Palynology	472.4 – 1,583.4	33	sidewall core

<u>Core:</u>		<u>Recovery (m)</u>
Core #1	1,608.4 – 1,611.4	3.1

**Newburn H-23**

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**WELL SUMMARY**

**GENERAL INFORMATION**

**D #** 377

<b>Location</b>	43 <sup>0</sup> 12'16.43" N 60 <sup>0</sup> 48'21.20" W
<b>Company</b>	Chevron Canada
<b>UWI</b>	300H234320060450
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	May 22, 2002
<b>Well Term. Date</b>	August 21, 2002
<b>Drilling Rig</b>	Deepwater Millennium
<b>Water Depth (m)</b>	977
<b>Rotary Table (m)</b>	24
<b>Total Depth MD (m)</b>	6,070 m
<b>Total Depth TVD (m)</b>	5,983 m
<b>Well Type</b>	Exploration
<b>Classification</b>	Gas Show
<b>Well Status</b>	P&A
<b>Info. Release Date</b>	Released

**CASING:**

<b>Casing Size x Depth (metric)</b>	<b>Casing Size x Depth (imperial)</b>
914.4 mm x 1,093 m	36" x 3,586'
508 mm x 1,902 m	20" x 6,240'
346 mm x 3,502 m	13 <sup>5</sup> / <sub>8</sub> " x 11,489'
251 mm x 4,402 m	9 <sup>7</sup> / <sub>8</sub> " x 14,442'
197 mm x 5,403 m	7 <sup>3</sup> / <sub>4</sub> " x 17,726'

<b>GEOLOGIC TOPS :</b>	<b>mMD</b>	<b>m TVD</b>
(Base Pliocene)	1,636	1,636
(Oligocene Unconformity)	2,519	2,519
(Eocene Chalk)	2,786	2,789
Dawson Canyon Fm	2,979	2,979
Logan Canyon Fm (Albian Marker)	3,570	3,570
Logan Canyon Fm (Prodelta Marker)	3,910	3,910
Naskapi Mb (Equivalent)	4,450	4,448
Verrill Canyon Fm	4,825	4,795

**Note: Geologic tops as interpreted by Chevron Canada**

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Drilling Performance Log 2in/1hr 6.5 in. Section Composite Log Final Print Runs 9-12  
 Impulse-Phase Resistivity TVD 6.5 in. Section Composite Log Final Print Runs 9-12  
 Impulse-Phase Resistivity MD 6.5 in. Section Composite Log, Final Print Runs 9-12  
 Drilling Performance Log 2in/1hr 8.5 in. Section Composite Log Final Print Runs 6-8  
 Vision Services-ISONIC MD 8.5 in. Section Composite Log Final Print Runs 6-8  
 Vision Resistivity-Phase TVD 8.5 in. Section Composite Log Final Print Runs 6-8  
 Vision Resistivity-Phase MD 8.5 in. Section Composite Log Final Print Runs 6-8  
 Drilling Performance Log 2in/1hr 12.25 in. Section Composite Log, Final Print Run 4  
 Vision Services-ISONIC MD 12.25 in. Section Composite Log Run 4  
 Vision Resistivity-Phase MD 12.25 in. Section Composite Log Final Print Run 4  
 Drilling Performance Log 2in/1hr 17 in. Section Composite Log Final Print Run 3  
 Vision Resistivity-Phase Shift MD 17 in. Section Composite Log Final Print Run 3

Drilling Performance Log 2in/1hr 26 in. Section Composite Log Final Print Run 2  
Vision Resistivity-Phase Shift MD 26 in. Section Composite Log Final Print Run 2  
Compensated Neutron Litho Density (HLT) Final Print Run 1  
Mechanical Sidewall Coring Tool Final Print Run 1  
Borehole Geometry-Temperature Log, Final Print Run 1  
Dipole Sonic Imager Upper and Lower Dipole P&S Modes Final Print Run 1  
Dipole Shear Sonic Imager MD Relabeled Final Run 1  
Dipole Shear Sonic Imager MD Relabeled Final Run 2  
Dipole Shear Sonic Imager MD Relabeled Final Run 4  
Borehole Geometry Log, Final Print Run 2  
Oil Base Micro Imager Tool, Final Print Run 2  
Dipole Sonic Log Cement Top Pass, Final Print Run 2  
Array Induction Log, Final Print Run 2  
Mechanical Sidewall Coring Tool, Final Print Run 2  
Modular Dynamics Formation Tester (PS-HY-PO-LFA-SC-MS-PC), Final Print Run 2  
Compensated Neutron Litho Density High Resolution, Final Print Run 2  
Natural Gamma Ray Spectrometry Log, Final Print Run 2  
Dipole Sonic Upper & Lower Dipole P&S Modes, Final Print Run 2  
Combinable Magnetic Resonance Log (CMR+), Recalibrated Run 3A  
Natural Gamma Ray Spectrometry Log (HNGS), Final Print Run 3A  
Compensated Neutron Litho Density High Resolution, Final Print Run 3A  
Oil Base Imager Log, Final Print Run 3A  
Compensated Neutron Litho Density High Resolution, Final Print Run 3B  
Mechanical Sidewall Core Tool, Final Print Run 3B  
Compensated Neutron Litho Density, Final Print Run 4  
Array Induction Log, Final Print Run 4  
Mechanical Sidewall Coring Tool, Final Print Run 4  
Environmental Measurement Log 6-Arm Caliper and Temperature, Final Print Run 4  
Dipole Sonic Log Upper & Lower Dipoles and P&S Modes, Run 4  
Cement Retainer Setting Record, Final Print Run 5  
OBMI Image Plot Final Print  
Tadpole Plot Stereonet View Final Print  
Tadpole Plot With Structural Dip Removed (6@195), Run 2  
Tadpole Plot With Structural Dip Removed, Run 3  
Wellsite Geologist Log 1:600 MD  
Wellsite Geologist Log 1:600 TVD  
Final Mudlog Report  
Drill Log (From Mudlog Report)  
Pressure Log (From Mudlog Report)  
Mud Log 1:240 (From Mudlog Report)  
Mud Log 1:600 (From Mudlog Report)  
Combinable Magnetic Resonance Log (CMR+), Final Print Run 3A  
Multi-Run Composite Log  
Array Induction, Run 1  
Well Seismic Report  
Wave Data Report  
Current Data Report  
Meteorological Summary Report/2002 End of Well Forecast Verification Report  
Vitrinite Reflectance and Visual Kerogen Analysis of Selected Source Rock Samples  
Assessment of Seal Capacity  
Geochemical Evaluation of Sidewall Core and Cuttings Samples from Newburn H-23  
Petrographic Analysis of Sidewall Cores  
Vitrinite Reflectance and Visual Kerogen Analysis of Selected Source Rock Samples from  
Chevron Canada Resources et al Newburn H-23, Scotian Basin, Offshore Eastern Canada  
Biostratigraphy of the Chevron et al Well Newburn H-23, Offshore Nova Scotia  
Chronostratigraphic Summary Fig 1

Biostratigraphic Summary Encl 1  
 Nannofossil Distribution 1890-2900m Encl 2  
 Nannofossil Distribution 2900-3905m Encl 3  
 Nannofossil Distribution 3900-4900m Encl 4  
 Nannofossil Distribution 4900-6070m Encl 5  
 Palynomorph Distribution 1880-2900m Encl 6  
 Palynomorph Distribution 2900-3900m Encl 7  
 Palynomorph Distribution 3900-4900m Encl 8  
 Palynomorph Distribution 4900-6100m Encl 9  
 CSAT-CSAT-CSAT-GR Zero Offset VSP Log  
 Triple CSI-VSP Monitor Log  
 Vertical Seismic Profile - Acoustic Impedance 1-D Inversion  
 Vertical Seismic Profile - Composite Display  
 Vertical Seismic Profile - Z-Axis Processing Step  
 Corridor Stack from Combination of Both VSP Runs  
 Borehole Geophysical Report  
 Appendix V Biostratigraphic Analysis

**Samples**

<b>SAMPLE TYPE</b>	<b>Interval (m)</b>	<b># of Samples</b>	<b>Remarks</b>
Washed Cuttings	1,920 – 6,070	699	
Unwashed Cuttings	1,920 – 6,070	699	
Sidewall Core	1,944.0 – 5,962.8	75	

**Oneida O-25**

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**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	3
<b>Company</b>	Shell
<b>Location</b>	43°14'57.36" 61°33'36.49"
<b>UWI</b>	300O254320061300
<b>Area</b>	Scotian Shelf
<b>Spud Date</b>	September 1, 1969
<b>Well Term. Date</b>	November 16, 1969
<b>Drilling Rig</b>	Sedneth 1
<b>Total Depth(m)</b>	4,120
<b>Water Depth (m)</b>	82.3
<b>Rotary Table (m)</b>	25.9
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
508 mm x 241.1 m	20" x 791'
340 mm x 738.2 m	13 3/8" x 2,422'
244 mm x 2,083.6 m	9 5/8" x 6,836'

<b><u>GEOLOGIC TOPS:</u></b>	<b>Depth (ft)</b>	<b>Depth (m)</b>
Banquereau Fm	4,000 (bottom)	1,219.2 (bottom)
Wyandot Fm	4,000	1,219.2
Dawson Canyon Fm	4,063	1,238.4
Petrel Mb	4,604	1,403.3
Logan Canyon Equiv	4,782	1,441.1
Naskapi Mb	7,325	2,232.6
Missisauga Equiv	8,098	2,468.2
Verrill Canyon Fm	8,264	2,518.9
Abenaki Fm	9,456	2,822.2
Baccaro Mb	9,456	2,822.2
Misaine Mb	12,030	3,666.7
Scatarie Mb	12,276	3,714.7
Mohican Fm	12,680	3,864.9

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 3-Arm Focused Continuous Dipmeter (computed), Run 1-3  
 Biostratigraphic Log  
 Biostratigraphy of Shell Oneida O-25  
 Biostratigraphy/Palynological Analysis  
 Borehole Compensated Sonic Log, Run 1-4  
 Compensated Formation Density Log, Run 1  
 Dip Frequency  
 Directional Log (Computed), Run 1-3  
 Dual Induction-Laterlog, Run 1-4  
 Geochemical Evaluation ( x-ref. 8623-R5-1P)  
 Microlog Caliper, Run 1  
 Micropaleontological Report  
 Micropaleontological/Source Rock Analysis Report  
 Micropaleontology, Palynology, & Stratigraphy ( x-ref. 8639-C20-1E)  
 Sidewall Neutron Porosity Log, Run 1  
 Velocity Survey (3 pieces)

**SAMPLES**

<b><u>Sample Type</u></b>	<b><u>Interval (m)</u></b>	<b><u># of Samples</u></b>	<b><u>Remarks</u></b>
Washed Cuttings	274.3 – 3,834.8	984	
Unwashed Cuttings	274.3 – 4,109.9	1,013	
Sidewall Core	288.9 – 4,096.5	248	

<b><u>Slides</u></b>	<b><u>Interval (m)</u></b>	<b><u># of Samples</u></b>	<b><u>Sample Source</u></b>
Micropaleo	4,087.3 – 4,096.5	3	sidewall core
Micropaleo	2,083.6 – 2,095.5	37	soil samples
Micropaleo	274.3 – 4,108.7	378	cuttings
Micropaleo	288.9 – 4,074.5	200	sidewall core
Palynology	448.1 – 4,105.7	139	sidewall core
Palynology	498.3 – 4,187.9	100	sidewall core
Palynology	3,636.3 – 3,767.3	8	cuttings
Palynology	1,371.6 – 4,108.7	32	cuttings
Palynology	2,083.6 – 2,096.5	6	soil samples
Palynology	2,157.9 – 2,877.3	6	co. core



Palynology	2,900.2 – 4,020.9	17	sidewall core
Palynology	274.3 – 3,880.1	130	cuttings
Nannofossil	362.4 – 4,096.5	22	sidewall core
Nannofossil	393.2 – 1,423.4	44	cuttings
Nannofossil	274.3 – 4,108.7	134	cuttings

## **Shelburne G-29**

### **WELL SUMMARY**

#### **GENERAL INFORMATION**

<b>D #</b>	280
<b>Company</b>	Pex et al
<b>Location</b>	42°38'26.87" 63°33'33.46"
<b>UWI</b>	300G294240063300
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	March 31, 1985
<b>Well Term. Date</b>	September 16, 1985
<b>Drilling Rig</b>	Sedco 710
<b>Total Depth(m)</b>	4,005
<b>Water Depth (m)</b>	1,153.5
<b>Rotary Table (m)</b>	25
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

#### **CASING:**

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
762 mm x 1,263.4	30" x 385.1'
508 mm x 1,600	20" x 487.7'
340 mm x 2,493.7	13 3/8 x 760.1'

#### **GEOLOGIC TOPS :**

	<b>Depth (m)</b>
Banquereau Fm	2,612.3 (bottom)
Wyandot Equiv.?	2,612.3
Dawson Canyon Fm	3,110.0
Petrel Mb?	3,194
Shortland Shale	3,288
Verrill Canyon Fm	3,740
Roseway Equiv.	3,985

#### **ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Well History Summary (Mud Report)  
 Depth Derived Borehole Compensated Sonic Log, Run 1 & 2  
 Microlog, Run 1 & 2  
 Borehole Geometry Survey, Run 1  
 Completion Record, Run 1  
 Core Sample Taker Results, Run 1 & 2

Natural Gamma Ray Spectroscopy Log, Run 1 & 2  
 Dual Induction-SFL, Run 1  
 Dual Laterolog Micro SFL, Run 1 & 2  
 Directional Survey, Run 1  
 Stratigraphic High Resolution Dipmeter, Run 1  
 Well Seismic Report  
 Carbonate Petrography Report  
 Final Biostratigraphic Report  
 Composite Log  
 Subsurface Master Log  
 Depth Derived Borehole Compensated Sonic Log (Reduced Mylar)  
 Simultaneous Compensated Neutron-Litho Density, Run 1 & 2

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Remarks</u>
Washed Cuttings	1,620- 3,990	329	
Unwashed Cuttings	1,620 – 3,990	474	
Sidewall Core	2,520 – 3,810	38	
Canned Cuttings (dried)	1,625 – 3,985	238	

<u>Slides</u>	<u>Interval (m)</u>	<u># of Samples</u>	<u>Sample Source</u>
Micropaleo	1,620 – 3,990	80	cuttings
Palynology	1,620 – 3,990	116	cuttings

**Shubenacadie H-100**

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**WELL SUMMARY**

**GENERAL INFORMATION**

<b>D #</b>	219
<b>Location</b>	42°49'28.43" N 61°28'42.81" W
<b>Company</b>	Shell et al
<b>UWI</b>	300H004250061150
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	November 5, 1982
<b>Well Term. Date</b>	February 12, 1983
<b>Drilling Rig</b>	Sedco 709
<b>Water Depth (m)</b>	1,476.5
<b>Rotary Table (m)</b>	24.1
<b>Total Depth MD (m)</b>	4,200
<b>Well Status</b>	P&A
<b>Well Type</b>	Exploratory
<b>Info. Release Date</b>	Released

**CASING:**

<b>Casing Size x Depth (metric)</b>	<b>Casing Size x Depth (imperial)</b>
762 mm x 1,519.9 m	30" x 4,987'
508 mm x 2,107.4 m	20" x 6,913'

333 mm x 2,583.2 m                      13" x 8,474'  
 244 mm x 3,476.9 m                      9 5/8" x 11,407'

<b><u>GEOLOGIC TOPS :</u></b>	<b><u>MD (m)</u></b>
Banquereau Fm	3,784 (bottom)
(?Miocene/Eocene Unconformity)	3,059
(turbidite fan)	?3,436
?Dawson Canyon Fm	3,784
Shortland Shale	3,996

**ADDITIONAL REPORTS AND LOGS:**

Well History Report  
 Dual Laterolog Micro SFL, Run 1 & 2  
 Borehole Compensated Sonic Log, Run 1-3  
 Four-Arm High Resolution Continuous Dipmeter (Computed),        Run 1 & 2  
 Directional Log (Computed), Run 1 & 2  
 Dual Induction-SFL, Run 1-3  
 Cement Volume Log from Borehole Geometry Tool-GR, Run 1-3  
 Core Sample Taker-Gamma Ray, Run 1 & 2  
 Caliper Log, Run 1  
 Simultaneous Compensated Neutron-Formation Density, Run 1 & 2  
 Long Spacing Sonic-GR, Run 1-3  
 Baroid Mud Report  
 Directional Survey, Run 1 & 2  
 Cement Bond-Variable Density Log, Run 1  
 Palynological, Micropaleontological, & Geochemistry Summary  
 Well Seismic Results, Run 1-5  
 Mud/Gas Log  
 Mud/Gas Log Re-drill

**SAMPLES**

<b><u>Sample Type</u></b>	<b><u>Interval (m)</u></b>	<b><u># of Samples</u></b>	<b><u>Remarks</u></b>
<b>Washed Cuttings</b>	2,145 – 4,200	237	
<b>Unwashed Cuttings</b>	2,145 – 4,200	505	
<b>Canned Cuttings (Dried)</b>	2,150 – 4,200	205	

<b><u>Slides:</u></b>	<b><u>Interval (m)</u></b>	<b><u># of Samples</u></b>	<b><u>Sample Source</u></b>
Micropaleo	2,145 – 4,200	51	cuttings
Micropaleo	2,165 – 4,200	67	co. cuttings
Palynology	2,589.5 – 4,195.0	150	sidewall core
Thin Section	3,150 – 3,543	2	core
Thin Section	2,930	1	core
Thin Section	2,960	1	core

<b><u>Core:</u></b>	<b><u>Interval (m)</u></b>	<b><u>Recovery (m)</u></b>
Core #1		no recovery
Core #2	3,243.4 – 3,261.0	3.9
Core #3	3,554.6 – 3,572.9	2.0
Core #4	3,650.3 – 3,659.0	6.8

## Torbrook C-15

### WELL SUMMARY

#### GENERAL INFORMATION

<b>D #</b>	383
<b>Company</b>	EnCana Corporation
<b>Location</b>	62°17'35.64" 42°34'02.60"
<b>UWI</b>	300C154240062150
<b>Area</b>	Scotian Slope
<b>Spud Date</b>	November 16, 2002
<b>Well Term. Date</b>	January 14, 2003
<b>Drilling Rig</b>	Eric Raude
<b>Total Depth(m)</b>	3,600
<b>Water Depth (m)</b>	1,674.5
<b>Rotary Table (m)</b>	25
<b>Well Status</b>	P&A
<b>Type of Well</b>	Exploratory
<b>Info. Release Date</b>	Released

#### CASING:

<b>Size x Depth (metric)</b>	<b>Size x Depth (imperial)</b>
914 mm x 1,776.5 m	36" x 5,828'
508 mm x 2,621.4 m	20" x 8,600'

<b>*GEOLOGIC TOPS :</b>	<b>depth (m)</b>
Tertiary 34	2,905
Tertiary 33 (unconformity)	3,020
Tertiary 30 (unconformity)	3,245
Tertiary 20 (unconformity)	3,600

\*Geologic Tops as interpreted by rig geologist.

#### **ADDITIONAL REPORTS AND LOGS:**

Well History Report – Volumes 1 & 2  
 Composite (EMS-DSI-HRLA-MCFL-TLD-CNL-GR-HNGS) Log Final Print Suite 1, Run 4  
 Natural Gamma Ray Spectrometry Log, Final Print Suite 1 Run 4  
 High Resolution Laterlog Array Log, Final Print Suite 1 Run 4  
 EMS Six Arm Caliper Borehole Geometry Log, Final Print Suite 1 Run 4  
 Mechanical Sidewall Coring Tool, Suite 1 Run 4  
 PEX Compensated Neutron Lithodensity Log, Final Print Suite 1 Run 4  
 Dipole Shear Sonic Imager MD EMS-DSI-HRLT  
 Dipole Shear Sonic Imager MD FMI-DSI-HNGS  
 FMI Image Log  
 FMI Image Log (Uninterpreted Images)  
 FMI Dip Log (w/stereonets)  
 End of Well Physical Environments Report (Meteorological/Forecast Verification/Wave/Current Data)  
 PWD MD Log Interval 1699.5-2420.0m, Run 100  
 PWD Time Log Interval 1699.5-2420.0m, Run 100  
 PWD MD Log Interval 1699.5-1787.0m, Run 200

PWD Time Log Interval 1699.5-1787.0m, Run 200  
 PWD MD Log Interval 1787.0-2650.0m, Run 300  
 PWD Time Log Interval 1787.0-2650.0m, Run 300  
 PWD MD Log Interval 2650.0-2657.0m, Run 400  
 PWD Time Log Interval 2650.0-2657.0m, Run 400  
 PWD MD Log Interval 2657.0-3600.0m, Run 500  
 PWD Time Log Interval 2657.0-3600.0m, Run 500  
 Composite (EMS-DSI-HRLA-MCFL-TLD-CNL-GR-HNGS) Log, Final Print Suite 1-Run 4  
 EWR , DGR, BAT MD Log Final  
 Geological Striplog  
 Mud Log Scale 1:240  
 Mud Log Scale 1:600  
 Drilling Log Scale 1:600  
 Pressure Log Scale 1:600  
 PWD MD Log Interval 1699.5-2420.0m, Run 100  
 PWD Time Log Interval 1699.5-2420.0m, Run 100  
 PWD MD Log Interval 1699.5-1787.0m, Run 200  
 PWD Time Log Interval 1699.5-1787.0m, Run 200  
 PWD MD Log Interval 1787.0-2650.0m, Run 300  
 PWD Time Log Interval 1787.0-2650.0m, Run 300  
 PWD MD Log Interval 2650.0-2657.0m, Run 400  
 PWD Time Log Interval 2650.0-2657.0m, Run 400  
 PWD MD Log Interval 2657.0-3600.0m, Run 500

**SAMPLES**

<u>Sample Type</u>	<u>Interval (m)</u>	<u># of Samples</u>
Washed Cuttings	2,655 – 3,600	190
Unwashed Cuttings	2,655 – 3,600	190

### 3. NS11-01 Geophysical Data - Report Descriptions

Program No. (Parcel #)	Completion Date	Length (km)	Title	Mylar (Y/N)
8620-C020-001E,02E	15-Oct-71	6,536.9	Report on Seismic, Gravity, and Magnetic Survey, Scotian Shelf Area	Y
8620-G005-004P (1,3,4,6)	02-Dec-72	10,848.65	Final Report, East Coast Canada, Offshore Nova Scotia - Offshore Newfoundland Areas	Y
8620-M003-016E (6)	22-Jun-73	484.39	Geophysical Survey, Sable Island Area	N
8620-S006-009E x-ref 8620-S006-002E x-ref 8624-S006-009E (1,2,3,4,5,6,7,8)	06-Oct-72	9,248.64	Geophysical Survey on Scotian Slope, South West Sable Island, Eagle, Primrose	N
8620-S014-006E (4,6,7,8)	24-Jul-83	13,239.85	Marine Reflection Seismic Survey Over the Scotian Shelf Area (Including West Slope Area, West Banquereau, East Banquereau, Sable, and Scotia Basin)	Y
8620-S024-001P (1,2,3,4)	31-Oct-72	5,857.77	1972 East Coast Marine Participation Survey Offshore Nova Scotia and Newfoundland (Grand Banks)	Y
8624-C015-002P, 003P, 004P (1)	02-Oct-70	2,731.16	1970 East Coast Marine Seismic Participation Survey, Gulf of St. Lawrence, NFLD, and Nova Scotia Shelf	N
8624-C033-001E,002E (7)	13-Oct-73	282.80	Marine Seismic Survey, Mohican and Primrose Prospects	N
8624-P028-001E (8)	21-Oct-77	394.45	Marine Geophysical Survey, Western Shelf, Albatross	Y
8624-P028-002E (1,6,7,8)	28-Jun-78	1,117.05	Final Report on Marine Geophysical Survey, Shelburne	Y
8624-P028-034E (1,7,8)	25-May-82	1,084.33	Marine Reflection Seismic, Gravity & Magnetic Survey, Western Scotian Shelf	Y
8624-P028-049E (6,7)	12-Nov-82	2,024.13	Final Report – Mohican Basin, Scotian Shelf	Y
8624-P028-050E (7)	26-Oct-82	443.9	1982 Marine Reflection Seismic, Gravity & Magnetic Survey, Albatross	Y
8624-P028-060E (1,8)	11-Sep-83	573.43	1983 Marine Reflection Seismic, Gravity & Magnetic Survey, Bonnet Prospect	Y
8624-P028-069E (7,8)	19-Apr-84	358.50	1984 Marine Reflection Seismic, Gravity & Magnetic Survey, Western Scotian Shelf	Y

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8624-S006-005E,6E (1,8)	12-Mar-70 13-Oct-70	683.95 14,721.87	1970 Geophysical Report, Scotia Shelf, Wyandot, Ojibwa, Abenaki, Iroquois, Huron, Cree and Argo Areas	N
8624-S006-008E (1,8)	20-Aug-71	9,116.68	1971 Geophysical Report, Scotia Shelf-Chippewa, Huron, Mohican and Sauk	N
8624-S006-012E (1,2,3,4,6,7,8)	02-Aug-73	8,548.60	1973 Geophysical Report, Onondaga, Oneida, Wenonah, Hawkeye, Dolphin & Carbonate Edge	N
8624-S006-025E,26E (1,6,8)	26-Jan81 17-Jan-81	400.57 725.5	Final Reflection Seismic Report on Western Slope and South Acadia Areas	N
8624-S006-028E,031E (6)	31-Aug-81	2,447.87	Reflection Seismic Progress Report, South Acadia, Panasonic, E. Panasonic and Python	N
8624-S006-032E (1,2,3,4,5,6,7,8)	19-Oct-82	5,716.72	Reflection Seismic Program, Brown's Bank, Medway, South Acadia, Mira Bay, Glace Bay, Tor Bay and Python Areas on the Slope	Y
8624-S006-033E x-ref 8624-S6-27E (2,7)	26-Oct-82	4,832.36	Reflection Seismic Final Report, North and South Sable Areas	Y
8624-S006-036E (1, 4,6)	22-Jun-83	686.03	Reflection Seismic in Brown's Bank, South Acadia and Mira Bay Areas	Y
8624-S006-042E (1)	28-Sep-84	674.00	Reflection Seismic Final Report, Nova Scotia Offshore Slope, Panasonic and Browns Bank Areas	Y
8624-T021-006E (1,7)	10-Jun-83	448.43	Geophysical Survey, Chebucto Block (E.A. 781-004), Scotian Shelf	Y
8624-T021-008E (7,8)	7-Jul-81	410.00	1981 Seismic Survey, Albatross Scotian Shelf	Y
8624-W013-001P (1,2,3,4,6,7,8)	1-Aug-83	3,910.21	Final Report on Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1983	Y
8624-W013-005P (1,2,3,4,6,7,8)	12-Mar-85	2,057.29	Final Report Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1985	Y
NS24-G005-001P (1,2)	10-Apr-99	14,722.30	Barrington 1998 2D Seismic Survey	N
NS24-G005-002P (1,2,3,5,6,7)	8-Aug-00	9,675	Barrington 1999 2D Seismic Survey	N
NS24-G026-001P (1,2,3,4,5,6,7)	1998	7,107.8	Scotian Shelf – Deep Water	Y
NS24-G065-001P (1,2,3,4,5,6,7)	19-Aug-98	120.00	1998 2D Marine Seismic, Scotian Shelf, South of Sable.	N

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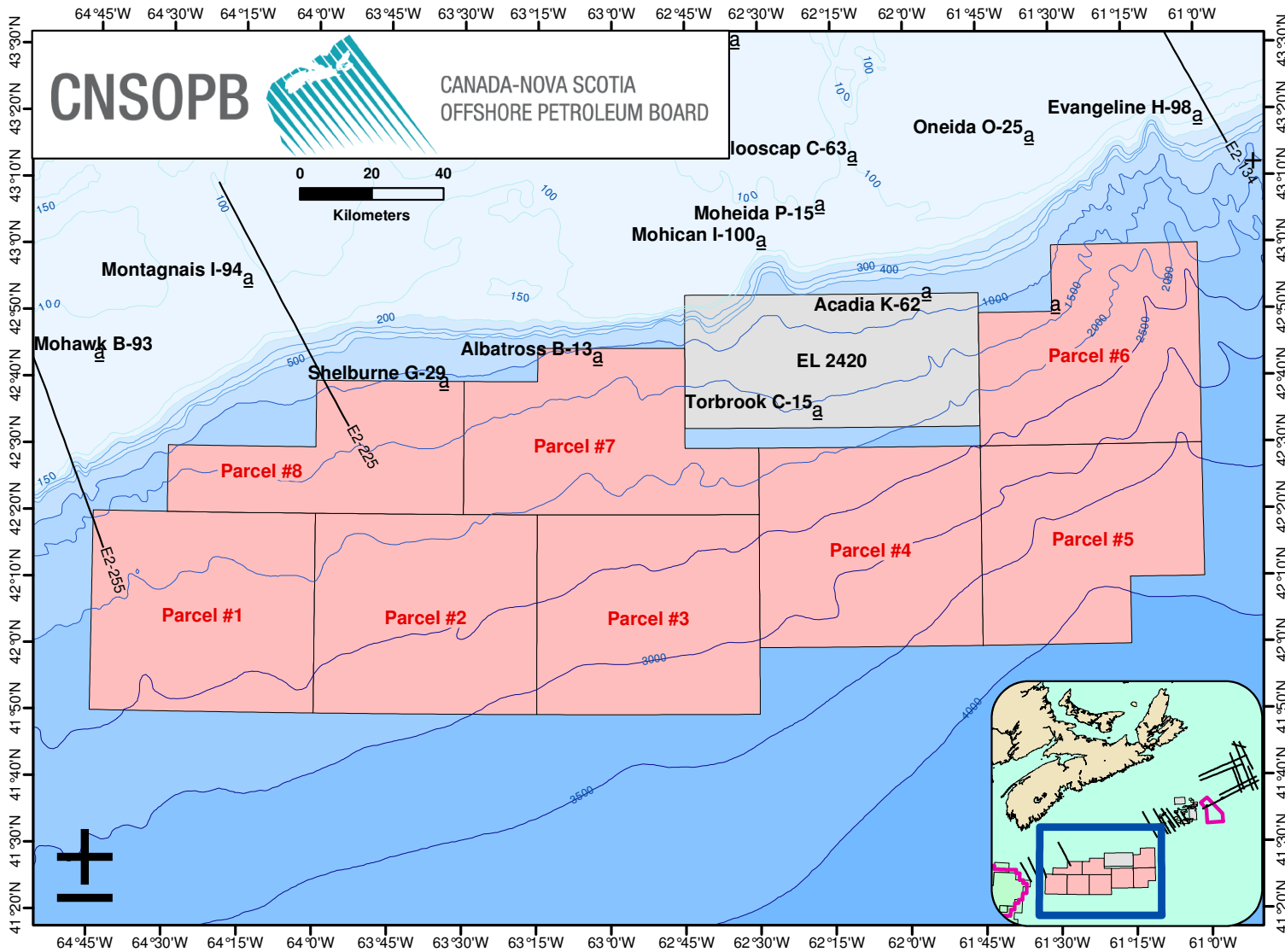
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NS24-G075-003P x-ref NS24-G075-002P (7,8)	21-Nov-03	3,356.6	Ultra deep 2D Seismic – NovaSPAN <b>CONFIDENTIAL</b> Contact GXT Canada	N
NS24-P003-002E (4,7)	09-Aug-00	369.57 km <sup>2</sup>	3D Marine Geophysical Survey, Torbrook	N
NS24-P003-004E (1,8)	27-Jun-01 31-Jul-01	1138.9 km <sup>2</sup>	Barrington 3D Acquisition & 3D Seismic Survey Weymouth 3D Acquisition & 3D Seismic Survey	Y
NS24-S006-001E,002E (5,6)	15-Jun-01	14,088.30	3D Thrumcap Survey Geophysical Report	Y
NS24-T063-004P (1,2,3,5,8)	10-Dec-03	9,989	Southwest Scotian Shelf and Slope <b>CONFIDENTIAL</b> Contact TGS NOPEC	Y
NS24-W013-001P (2,3,4)	5-Oct-98	11,587	Nova Scotia 2000- 2D Seismic Survey	N
NS24-W013-002P (1,2,3,7,8)	27-Nov-99	4,163.9 km <sup>2</sup>	Nova Scotia 2000 - 3D Seismic Survey	N
NS24-W013-003P (1,2,3,7)	20-May-00	158.22 km <sup>2</sup>	Nova Scotia 200- 3D Seismic Survey	N
BGR 1979 (1,2,3,5,6,8)	1979	3,284.16	Contact BGR	N
LITHOPROBE 1988 (5,6)	1988	567.03	Scotian Shelf Area Deep Seismic Reflection Survey - Contact GSC Atlantic	N

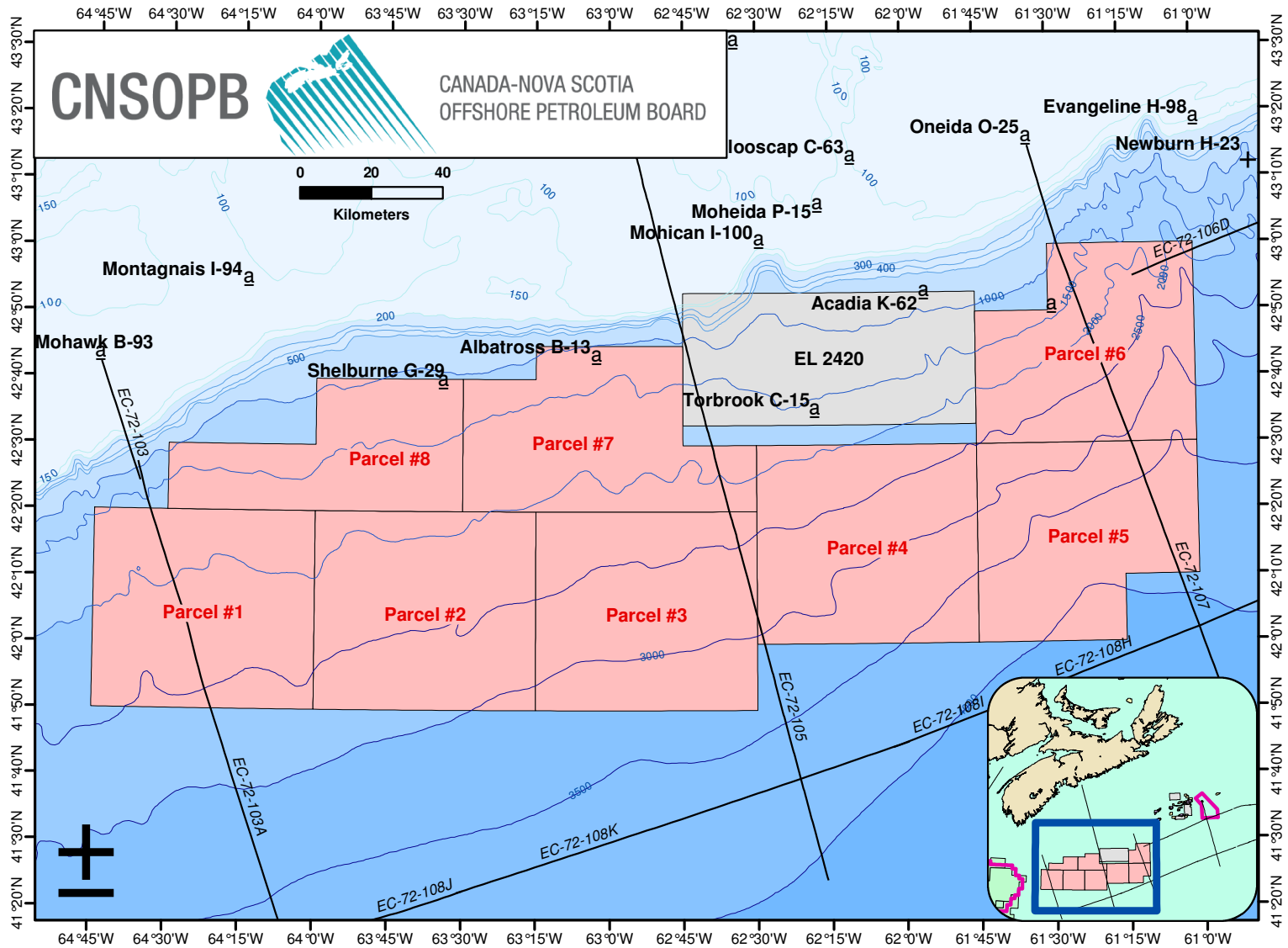


#### **4. Program Location Maps**

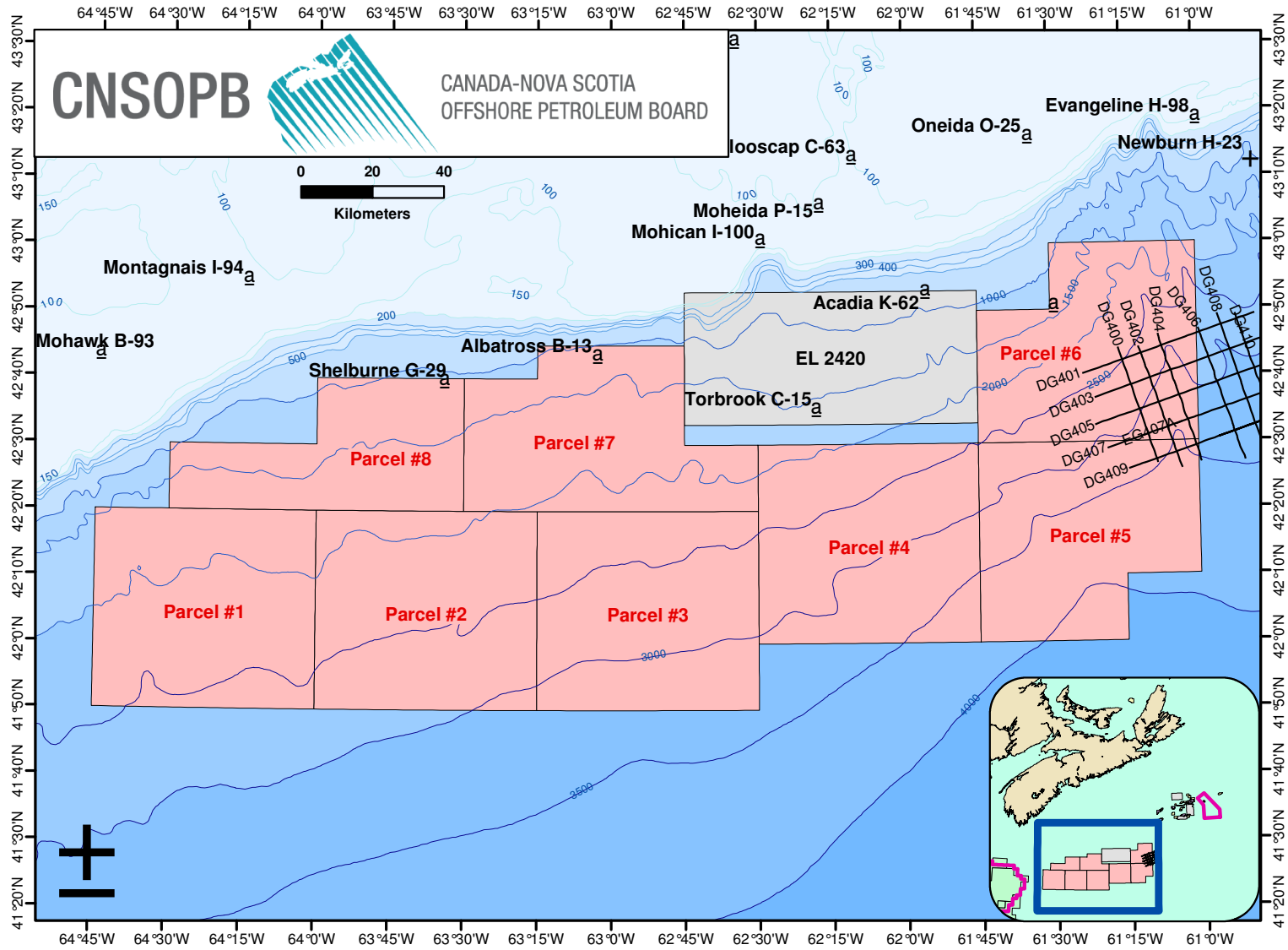
**Figure 01: Location Map for 8620-C020-001E, 002E**



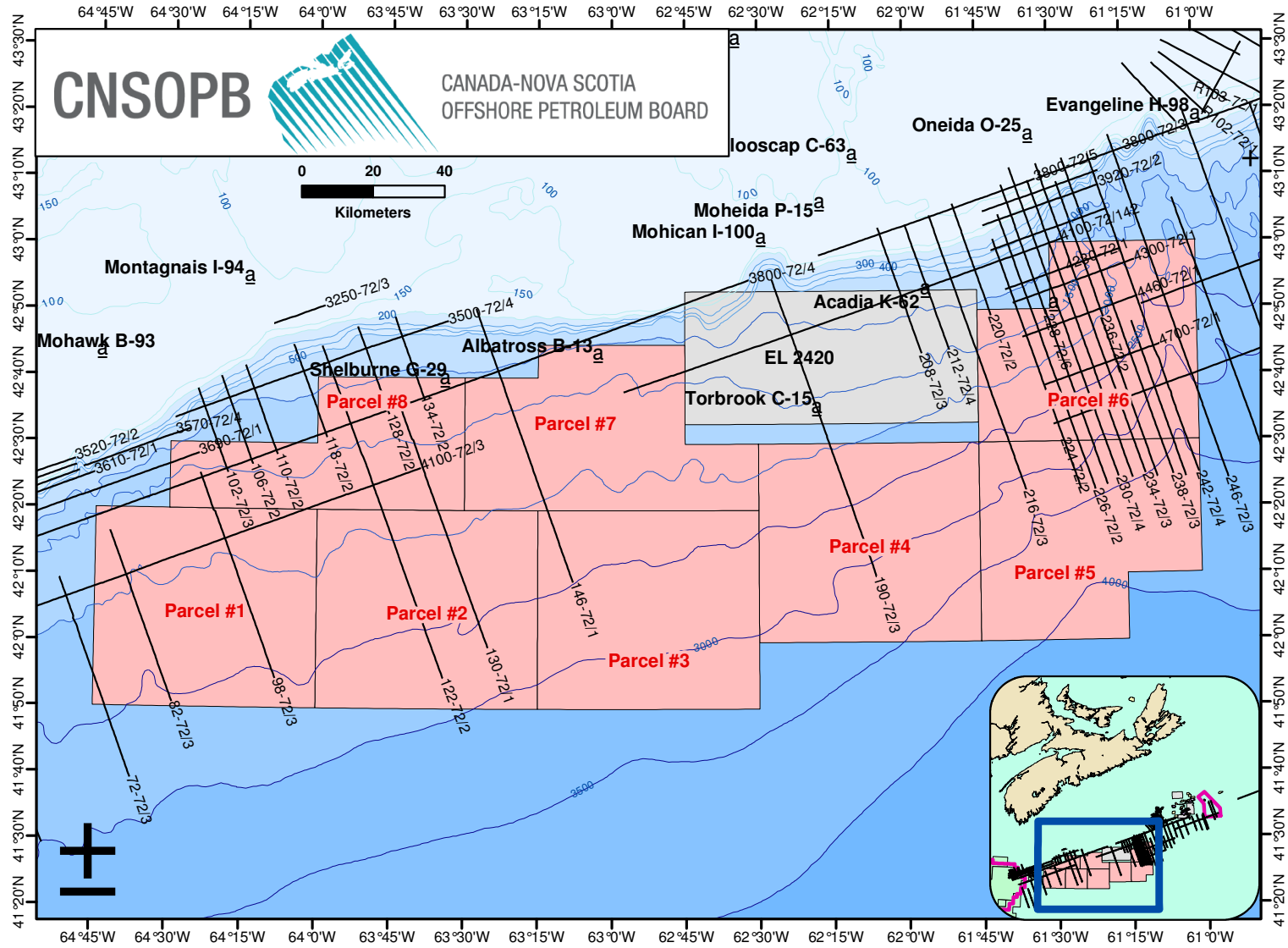
**Figure 02: Location Map for 8620-G005-004P**



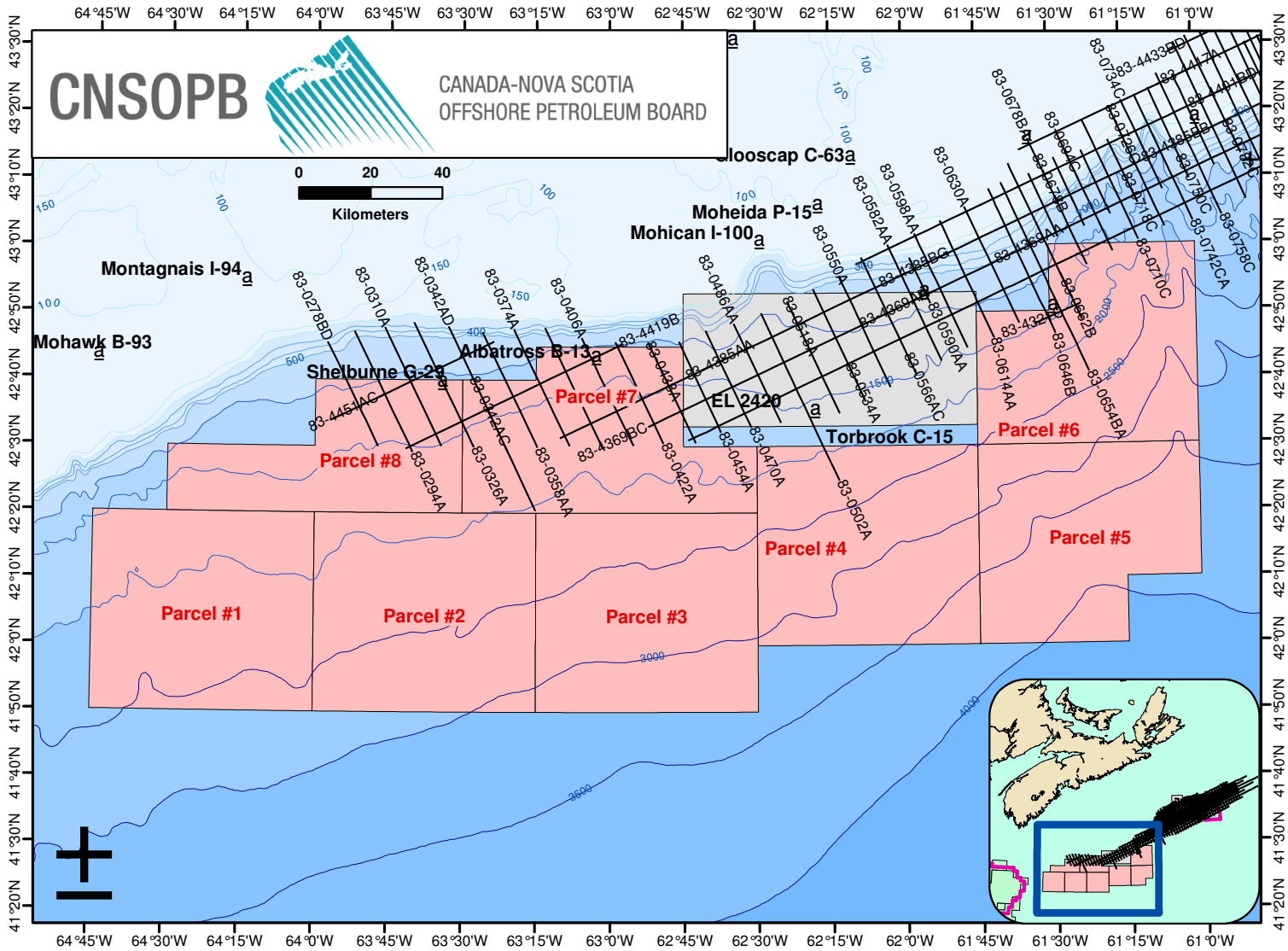
**Figure 03: Location Map for 8620-M003-016E**



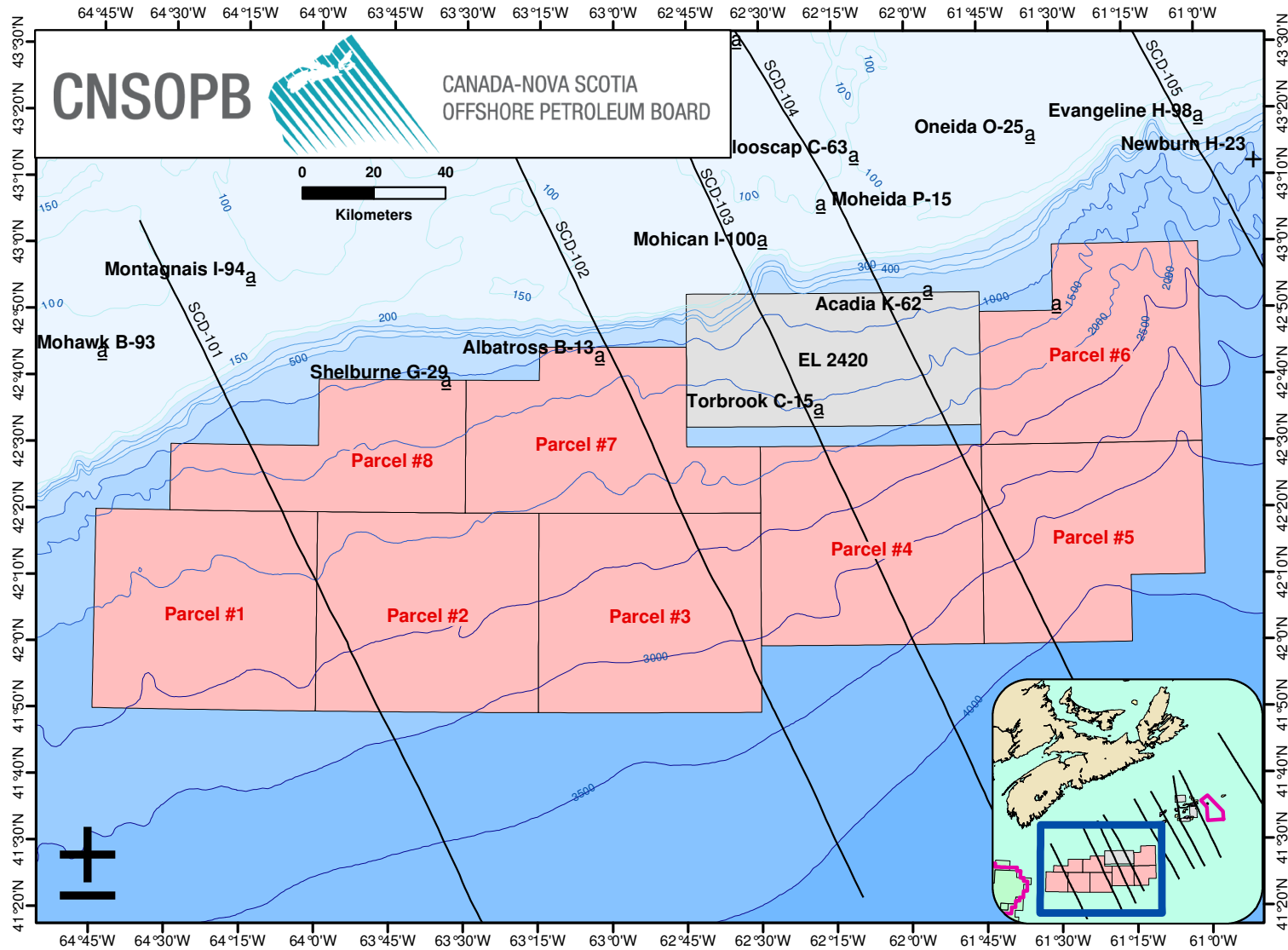
**Figure 04: Location Map for 8620-S006-009E**



**Figure 05: Location Map for 8620-S014-006E**

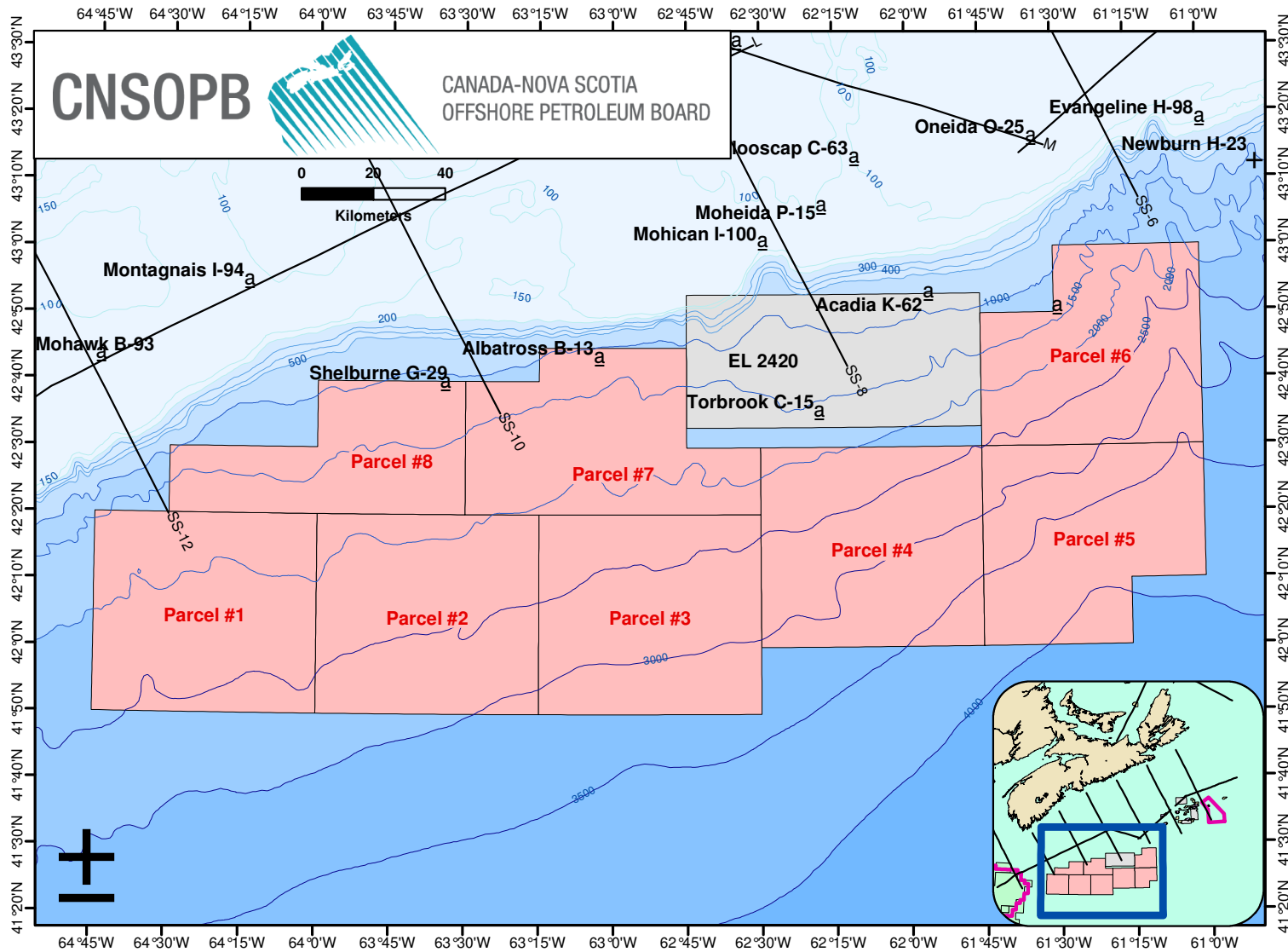


**Figure 06: Location Map for 8624-S024-001P**



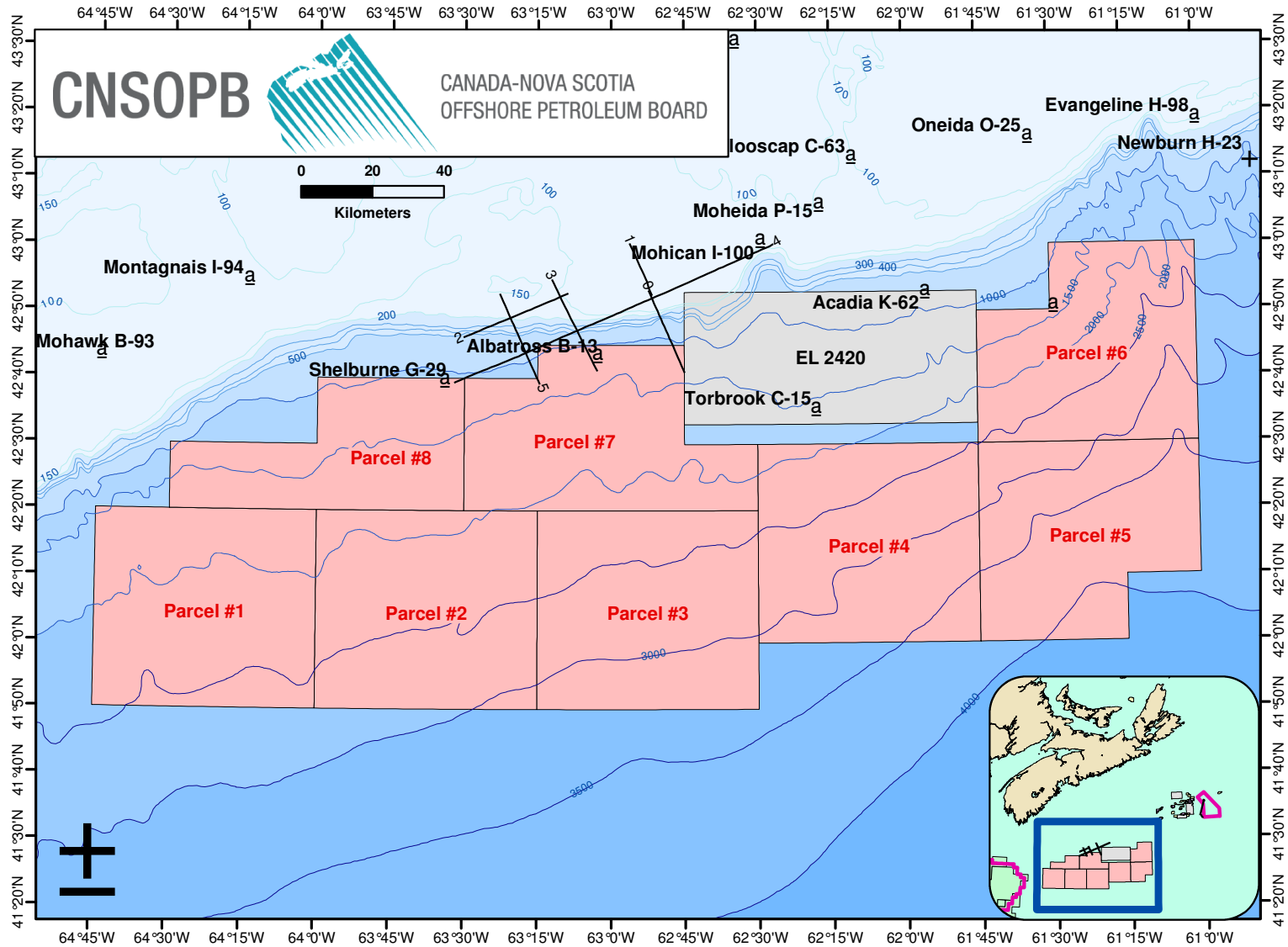


**Figure 07: Location Map for 8624-C015-002P,003P,004P**

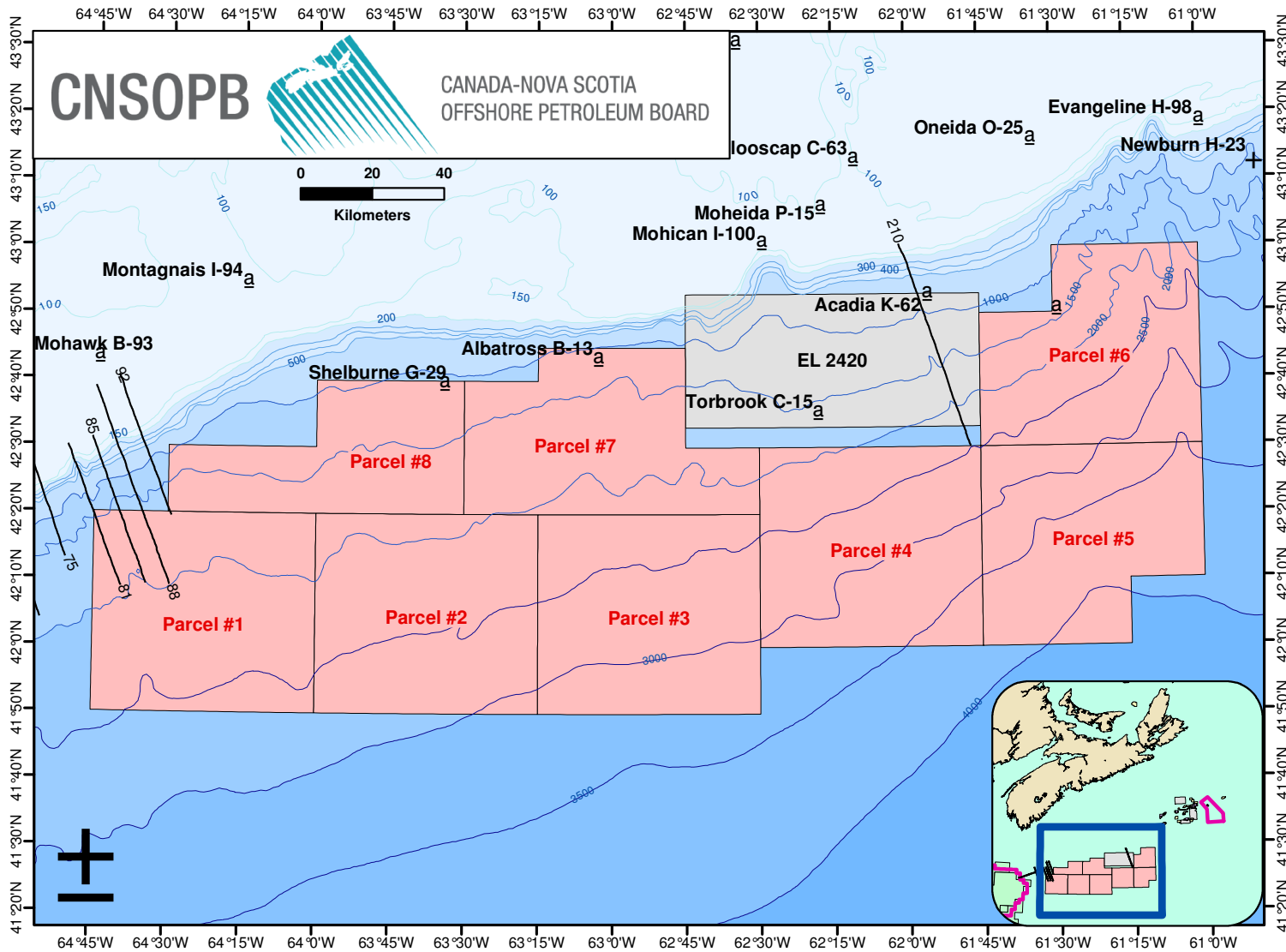




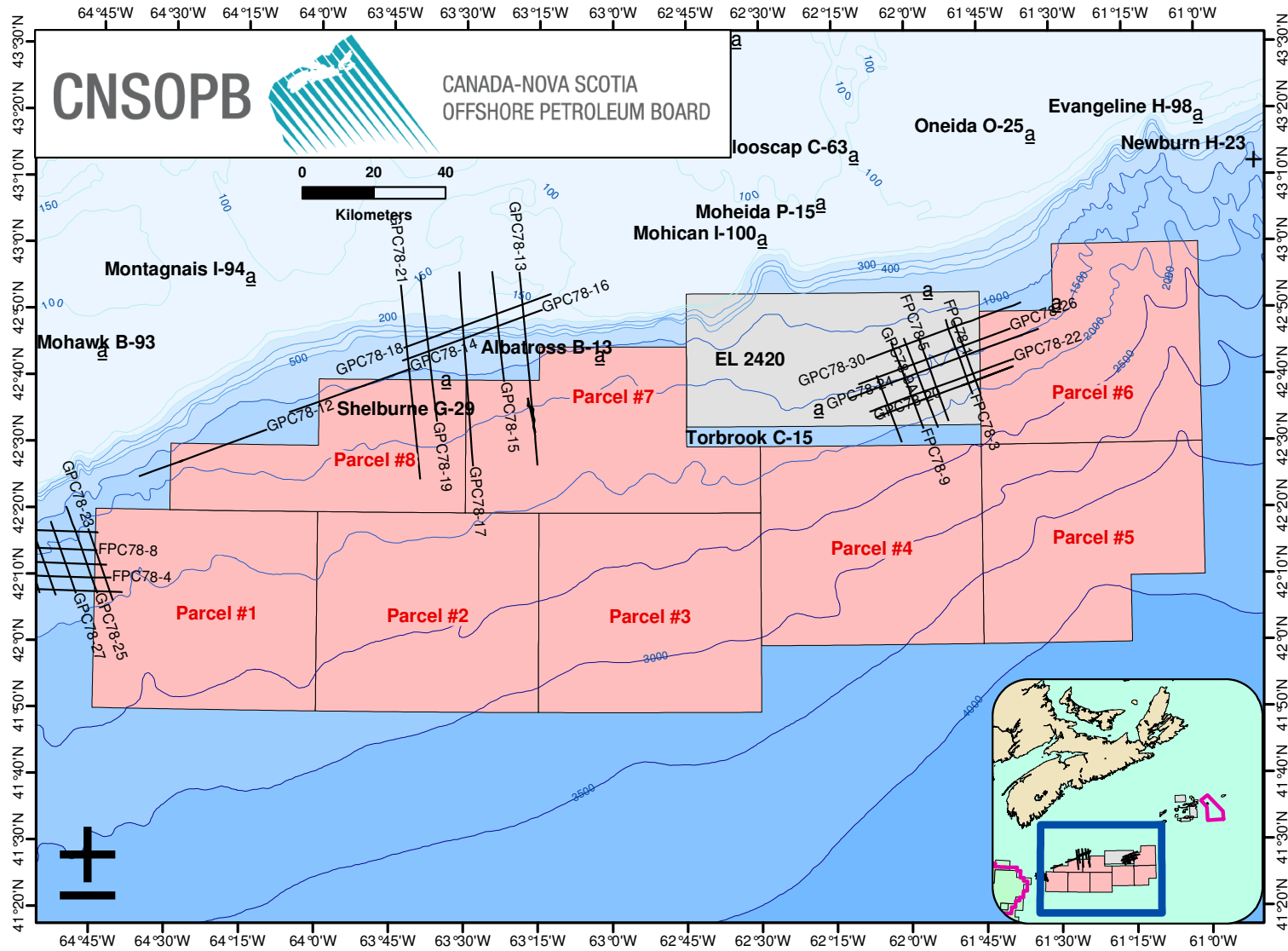
**Figure 08: Location Map for 8624-C033-001E,002E**



**Figure 09: Location Map for 8624-P028-001E**

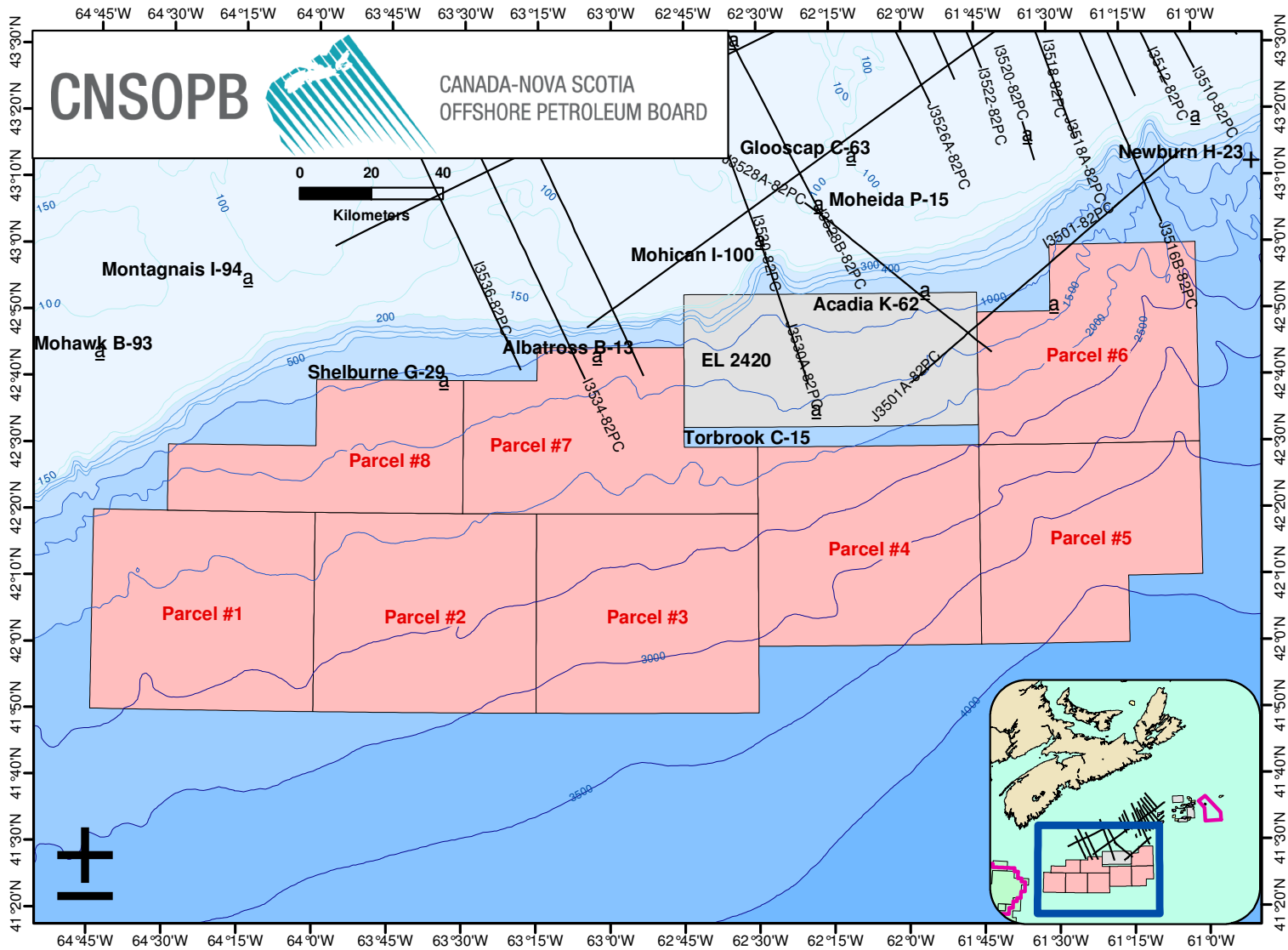


**Figure 10: Location Map for 8624-P028-002E**





**Figure 12: Location Map for 8624-P028-049E**



**Figure 13: Location Map for 8624-P028-050E**

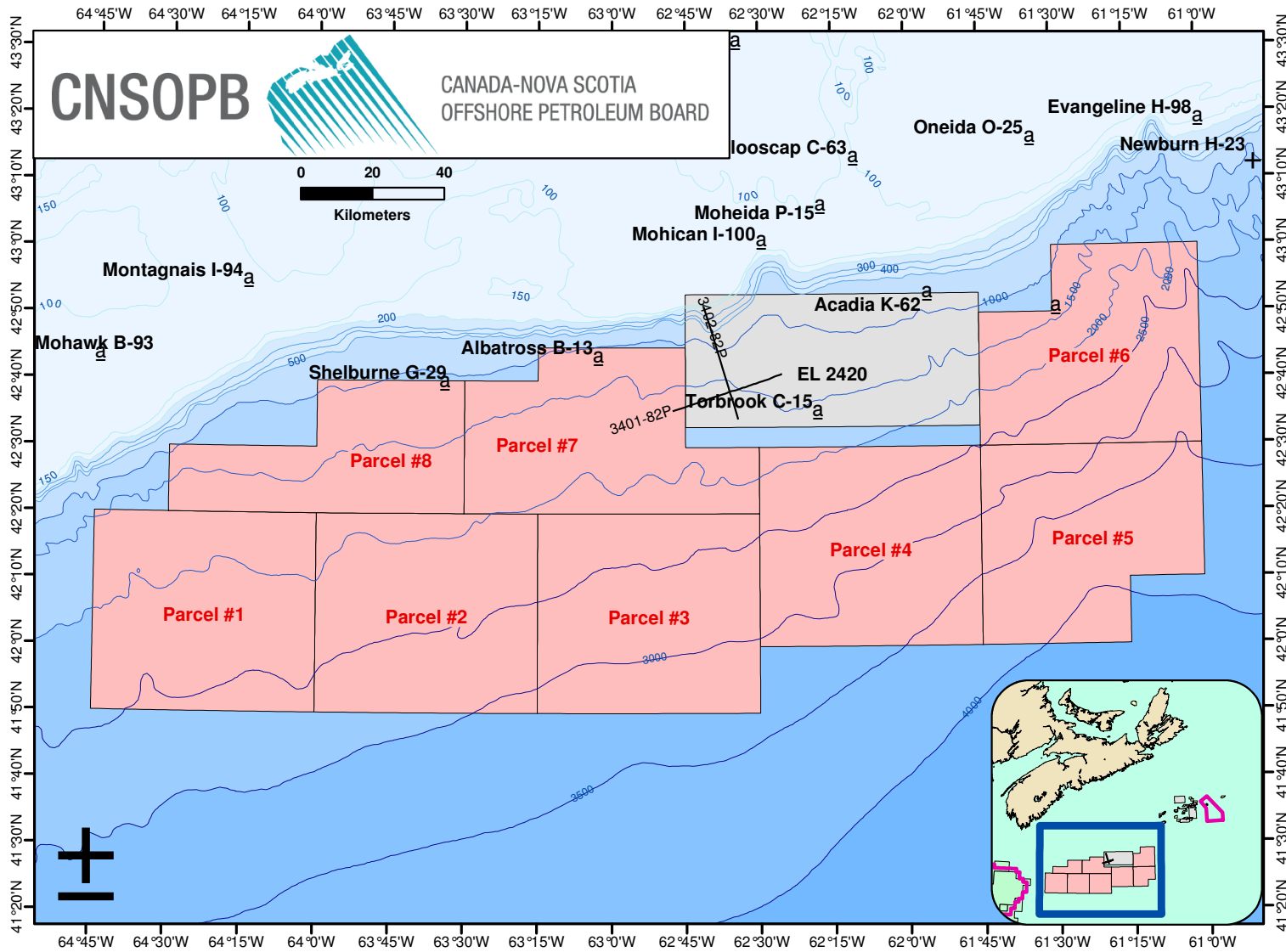
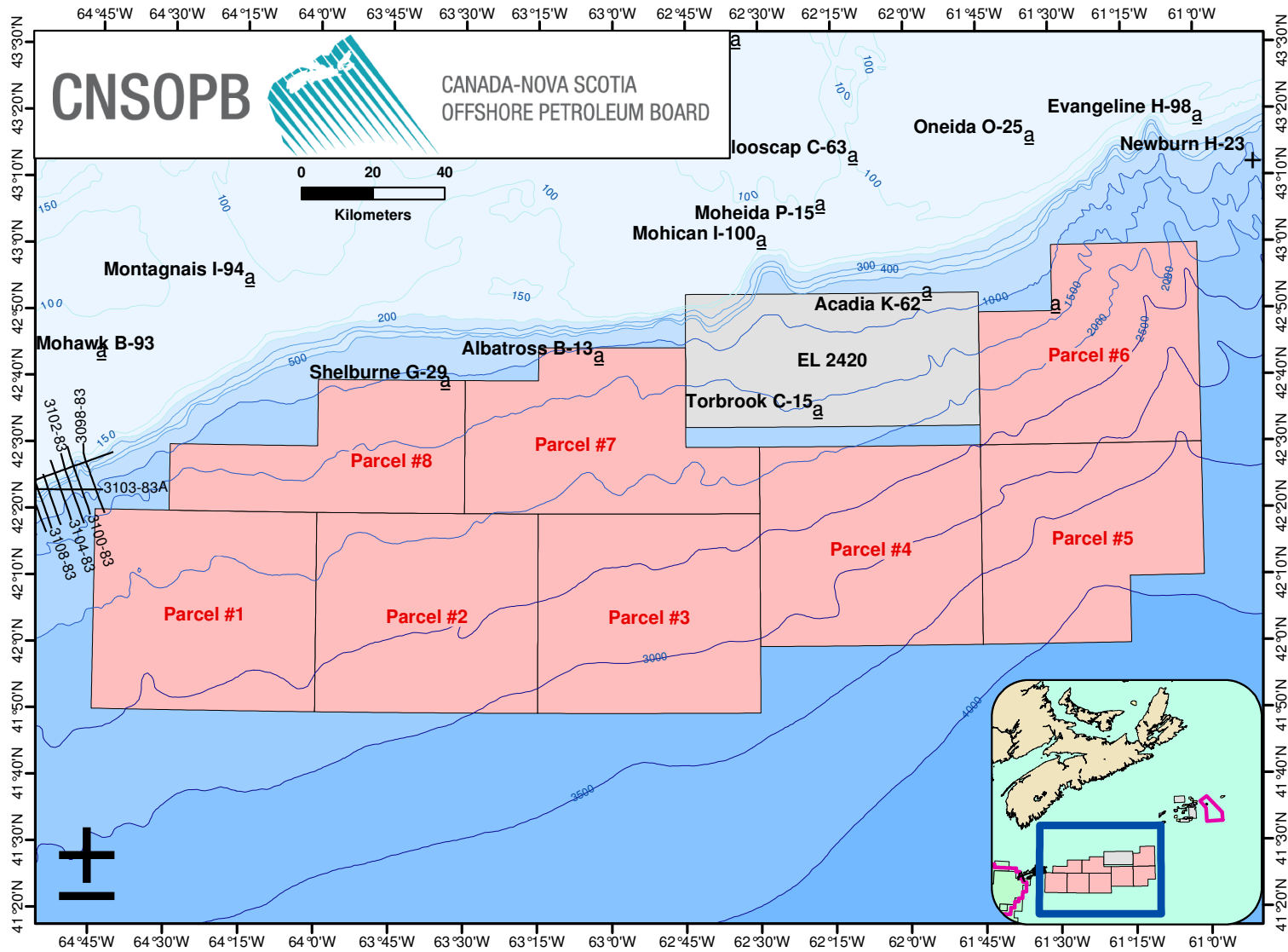
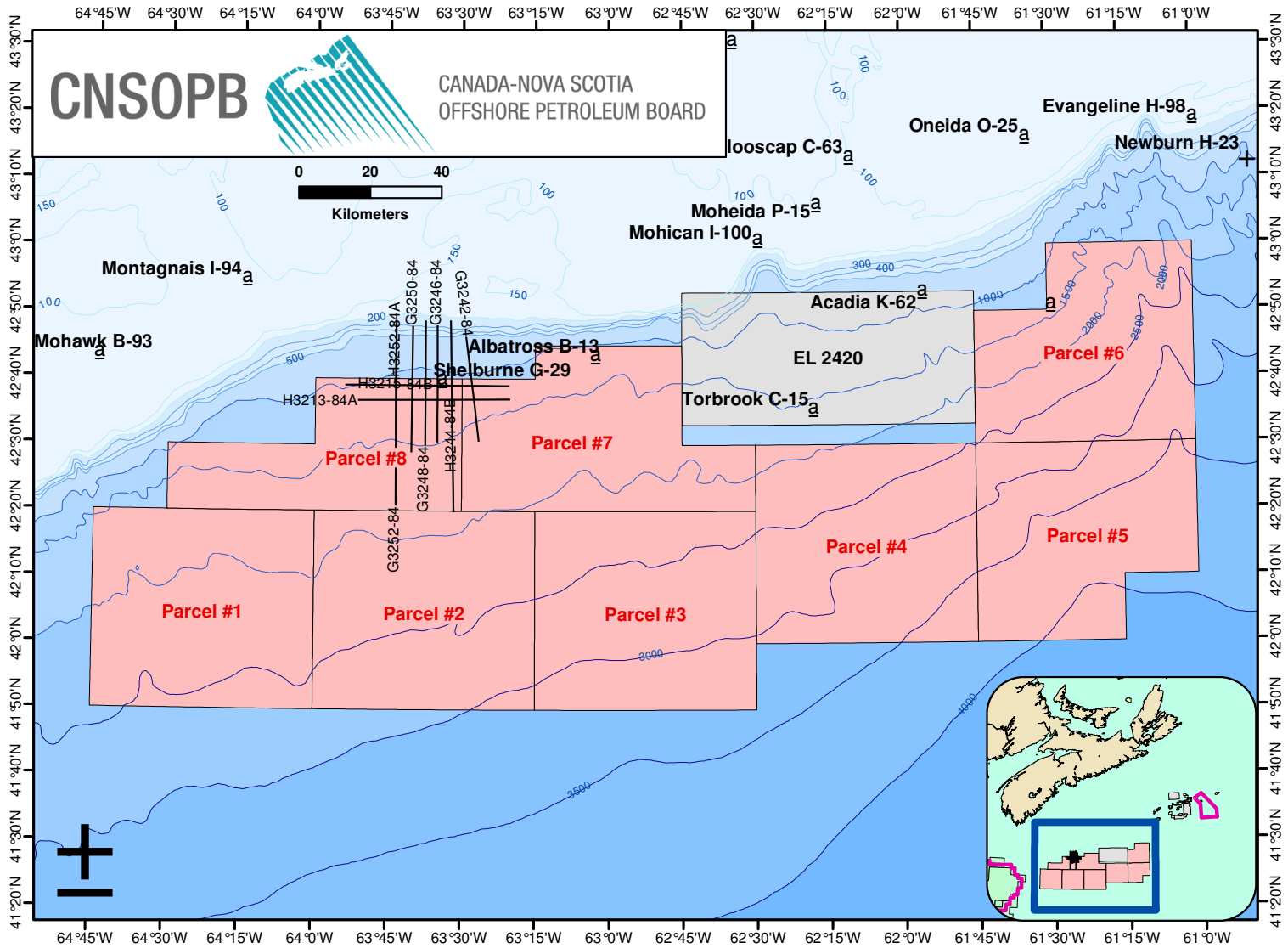


Figure 14: Location Map for 8624-P028-060E



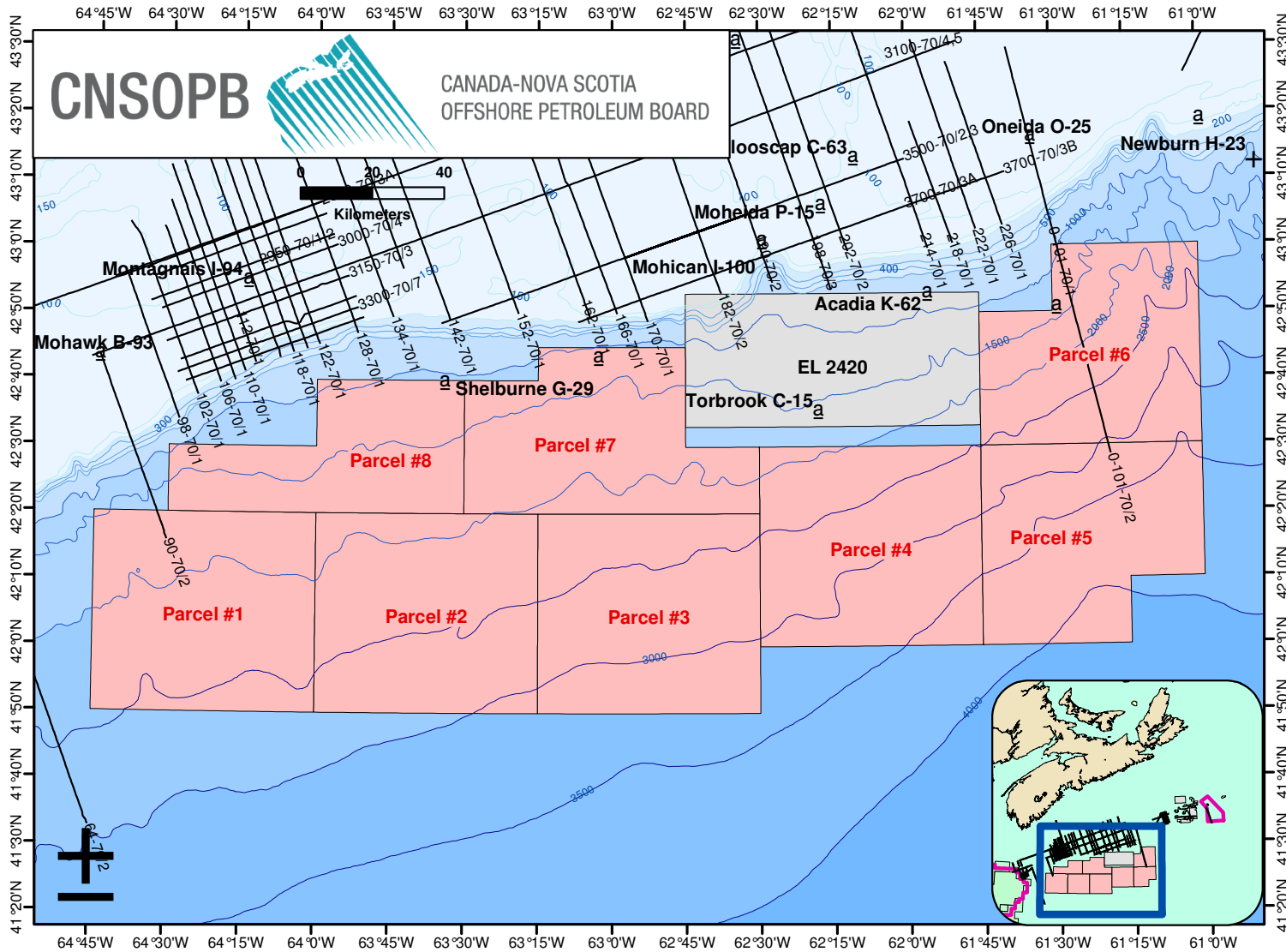


**Figure 15: Location Map for 8624-P028-069E**

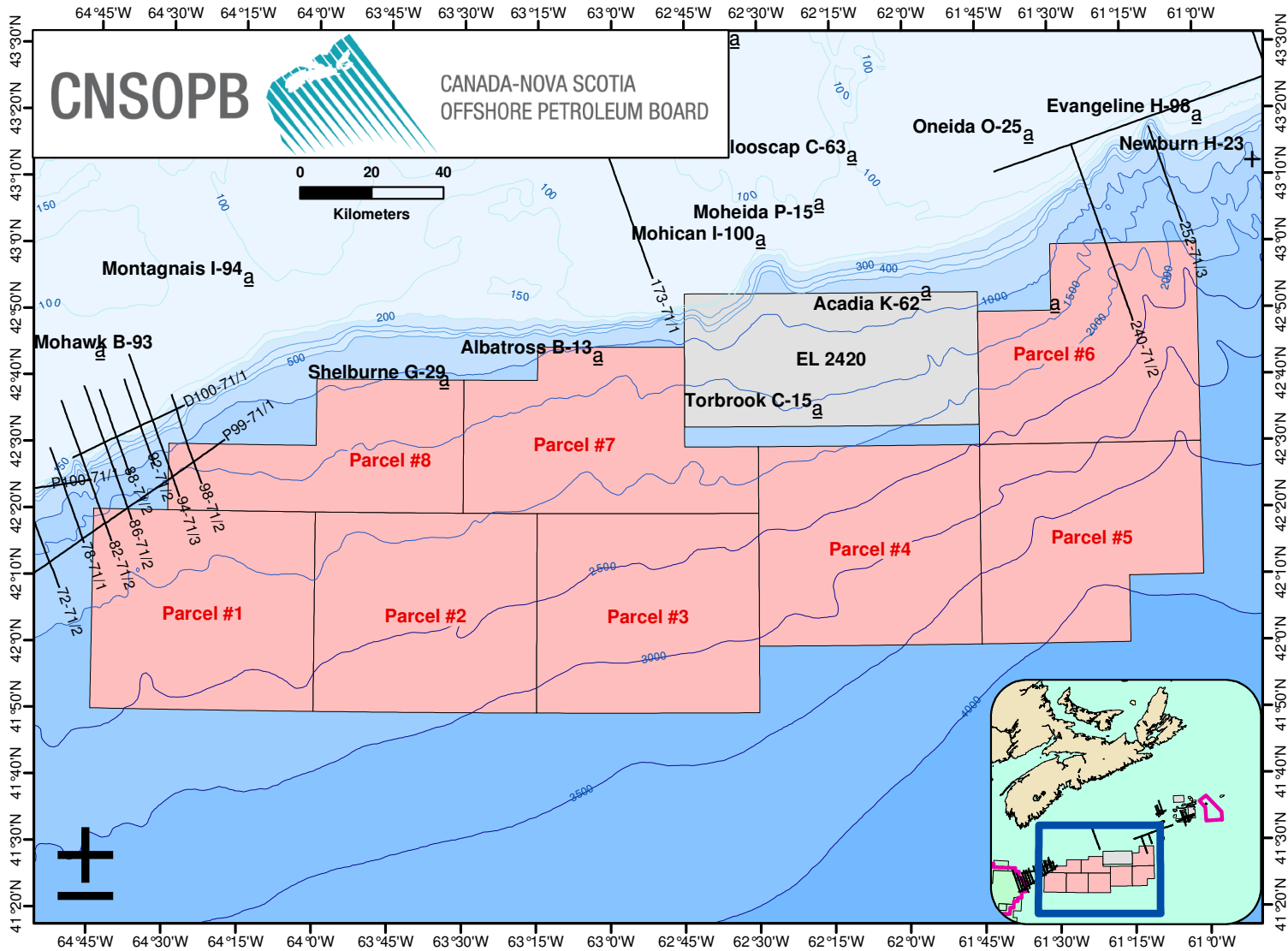




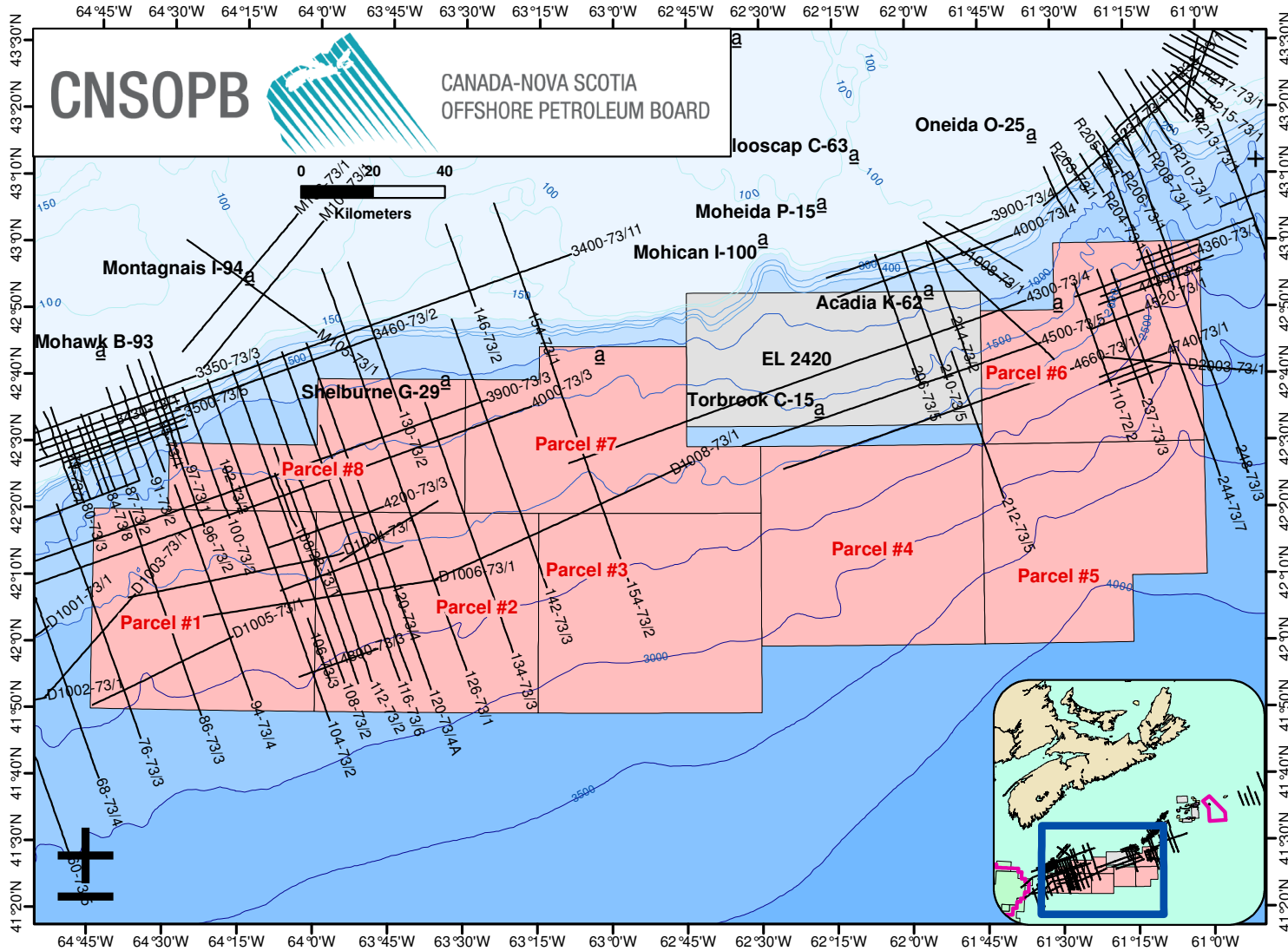
**Figure 16: Location Map for 8624-S006-005E,006E**



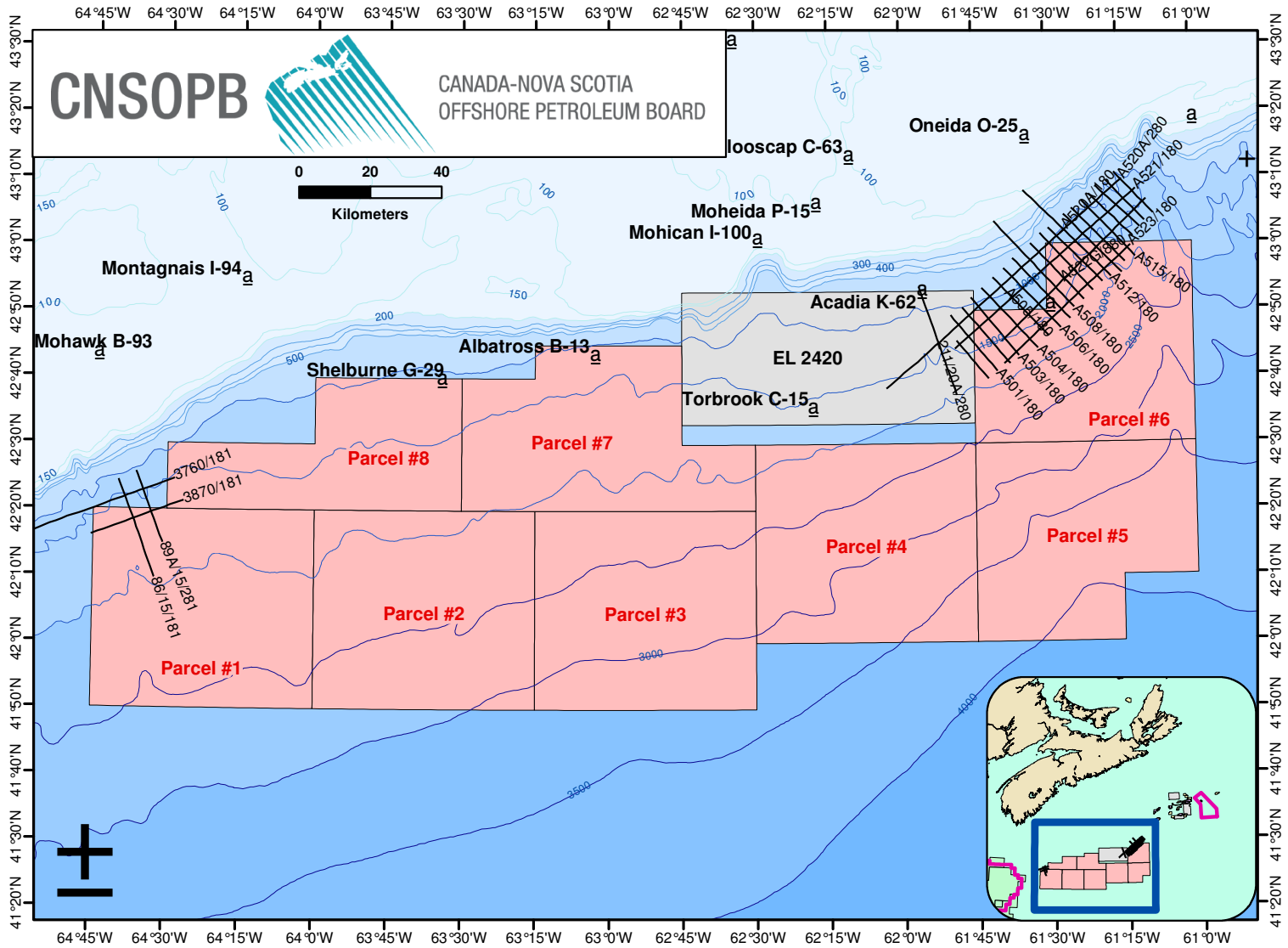
**Figure 17: Location Map for 8624-S006-008E**



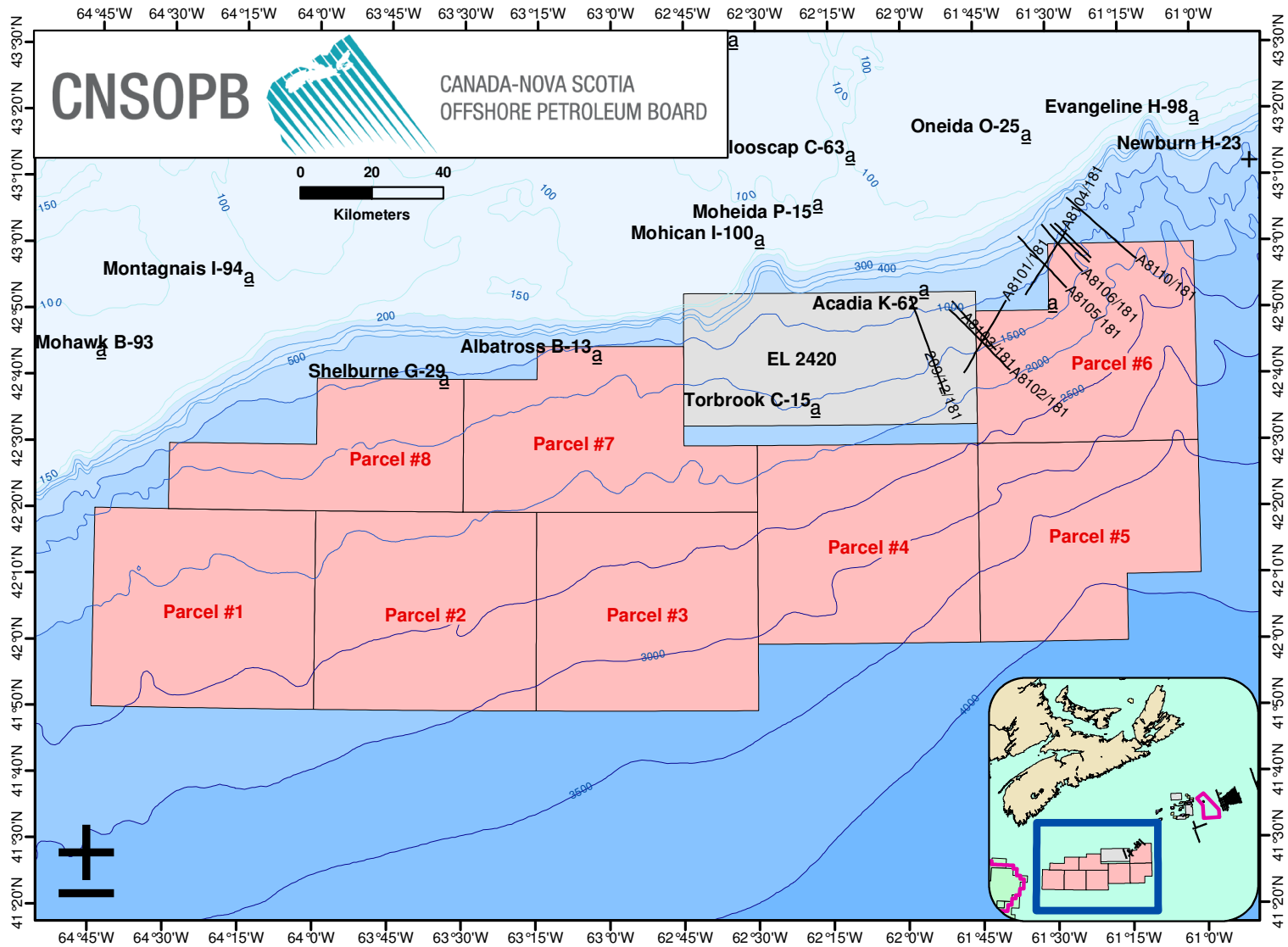
**Figure 18: Location Map for 8624-S006-012E**



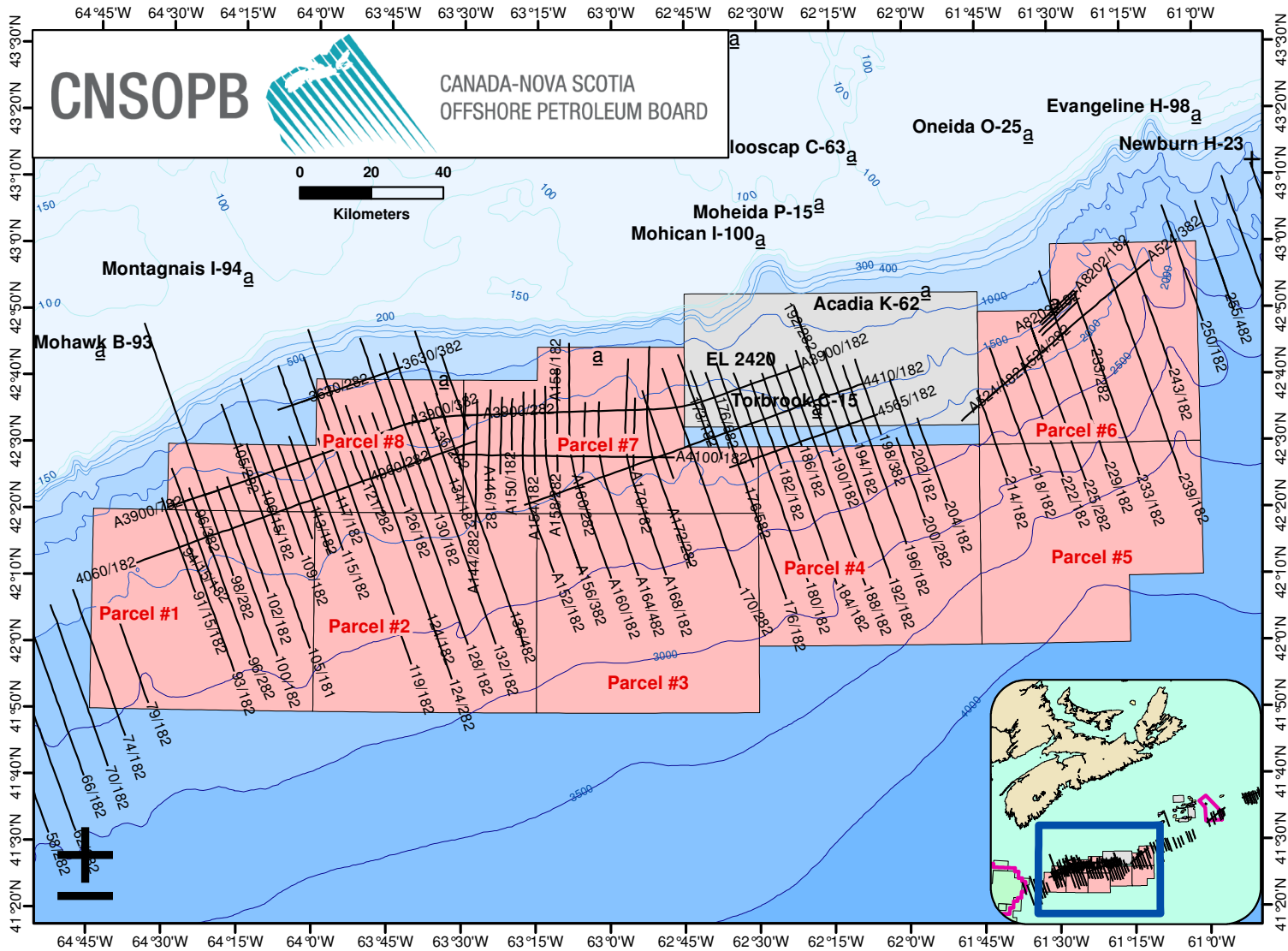
**Figure 19: Location Map for 8624-S006-025E,026E**



**Figure 20: Location Map for 8624-S006-028E, 031E**

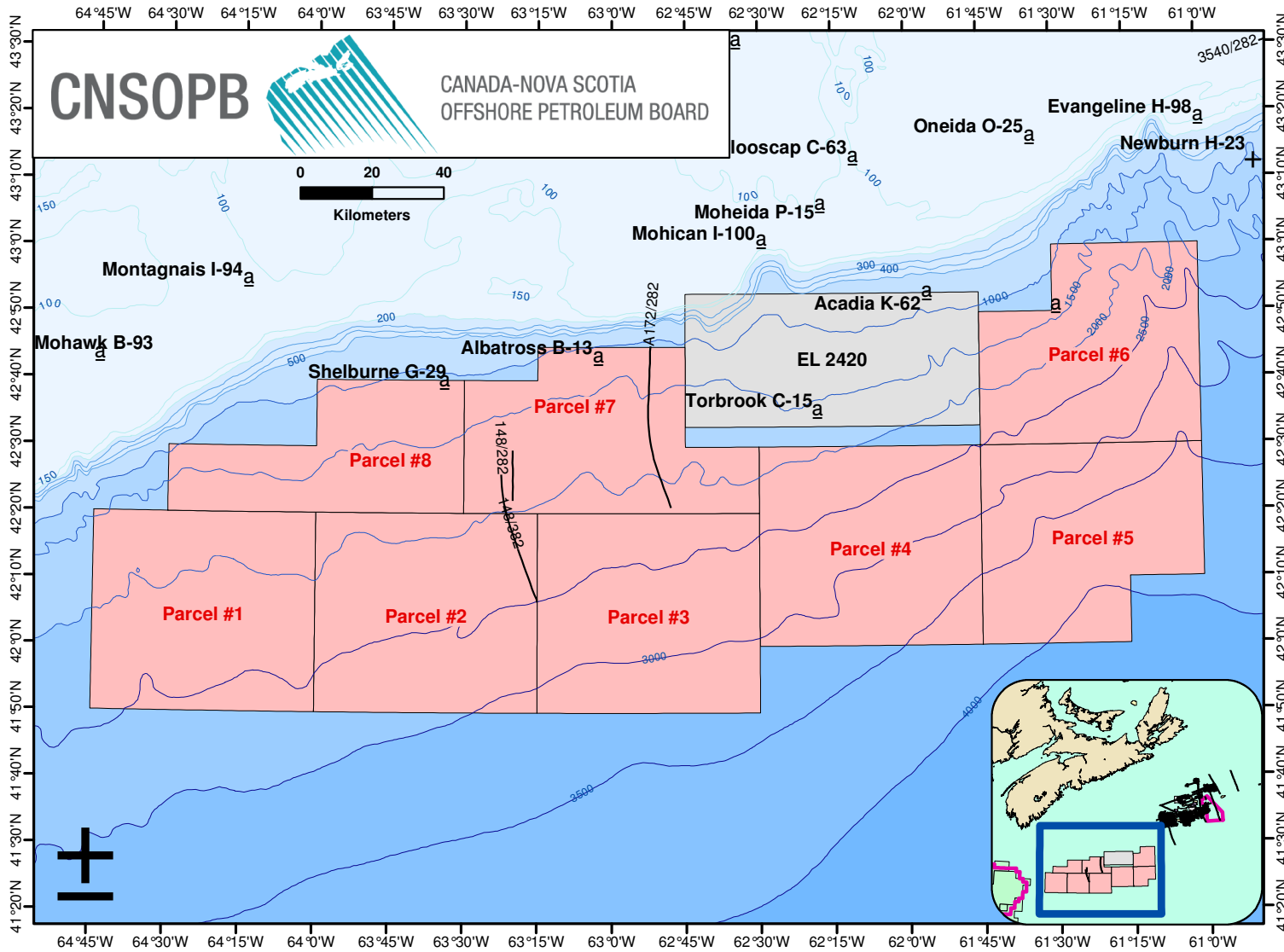


**Figure 21: Location Map for 8624-S006-032E**

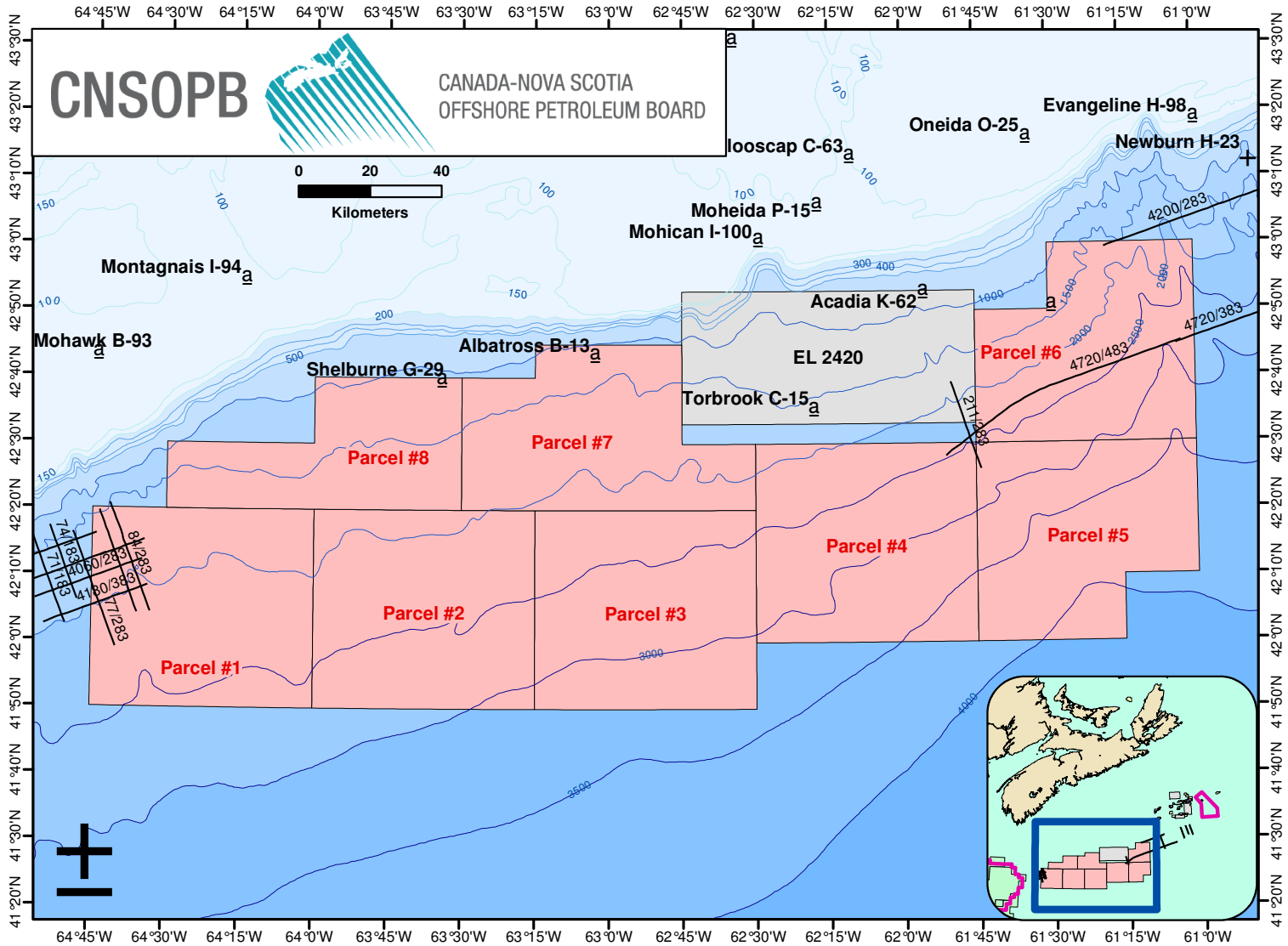




**Figure 22: Location Map for 8624-S006-033E**

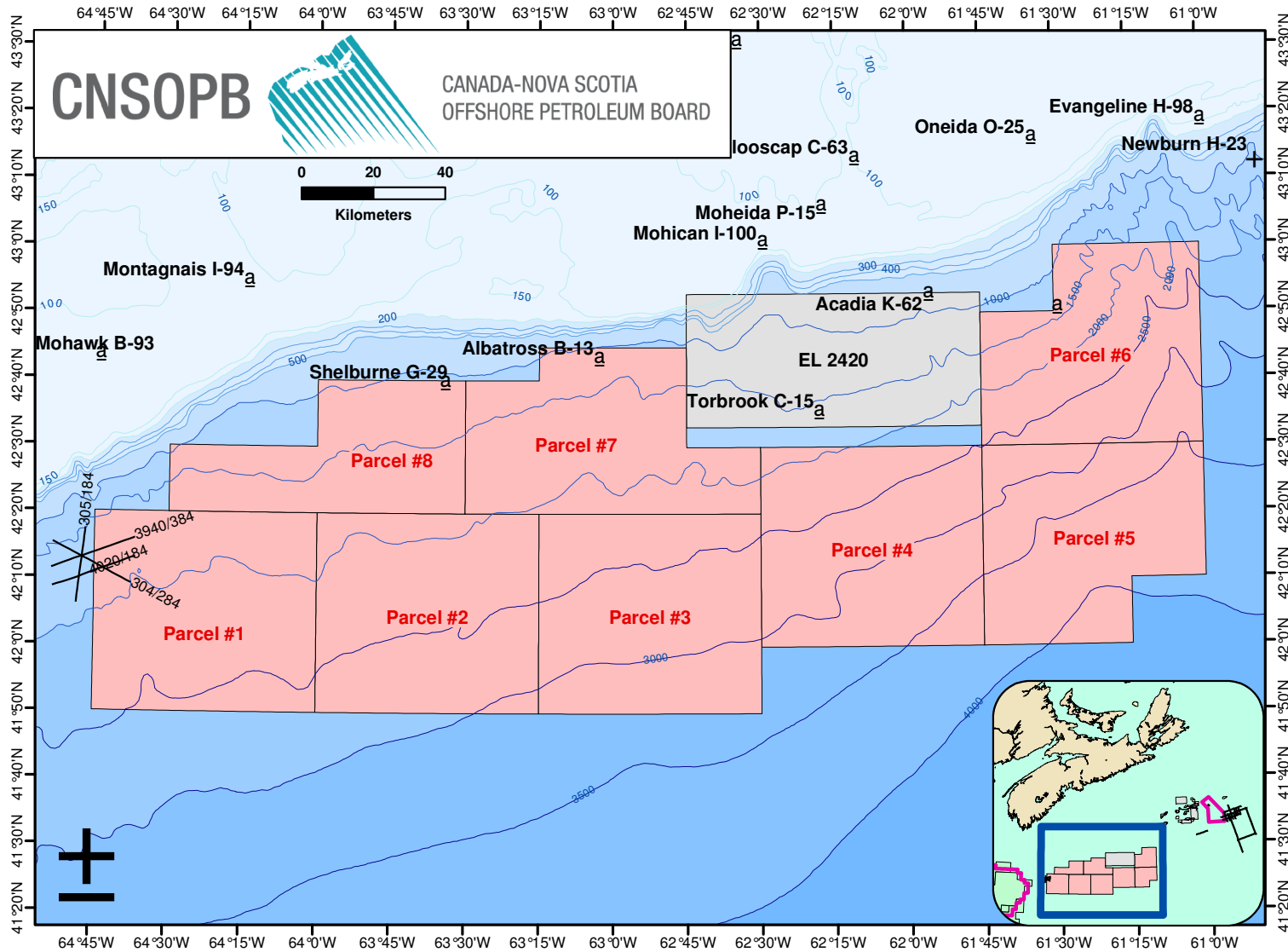


**Figure 23: Location Map for 8624-S006-036E**

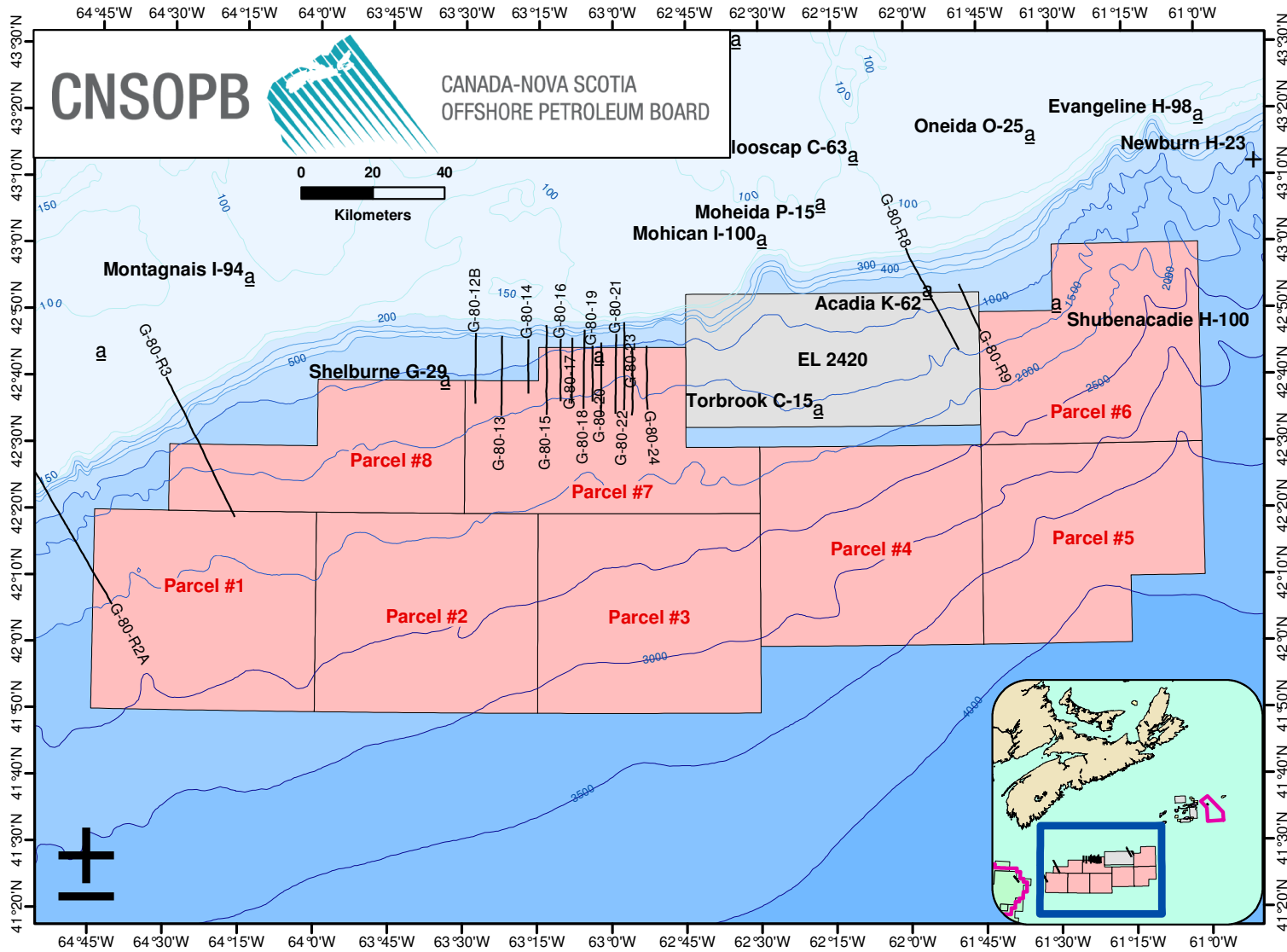




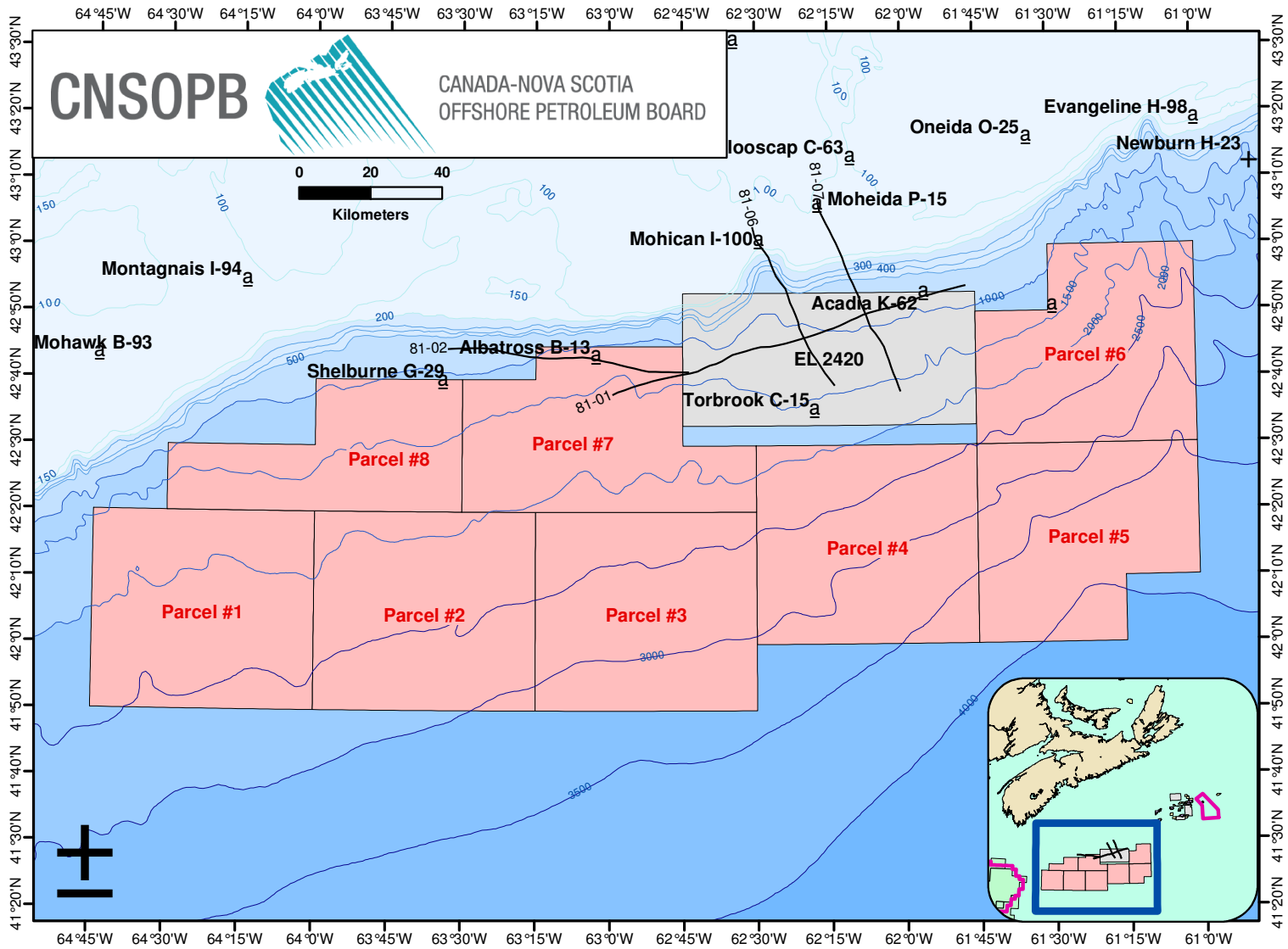
**Figure 24: Location Map for 8624-S006-042E**



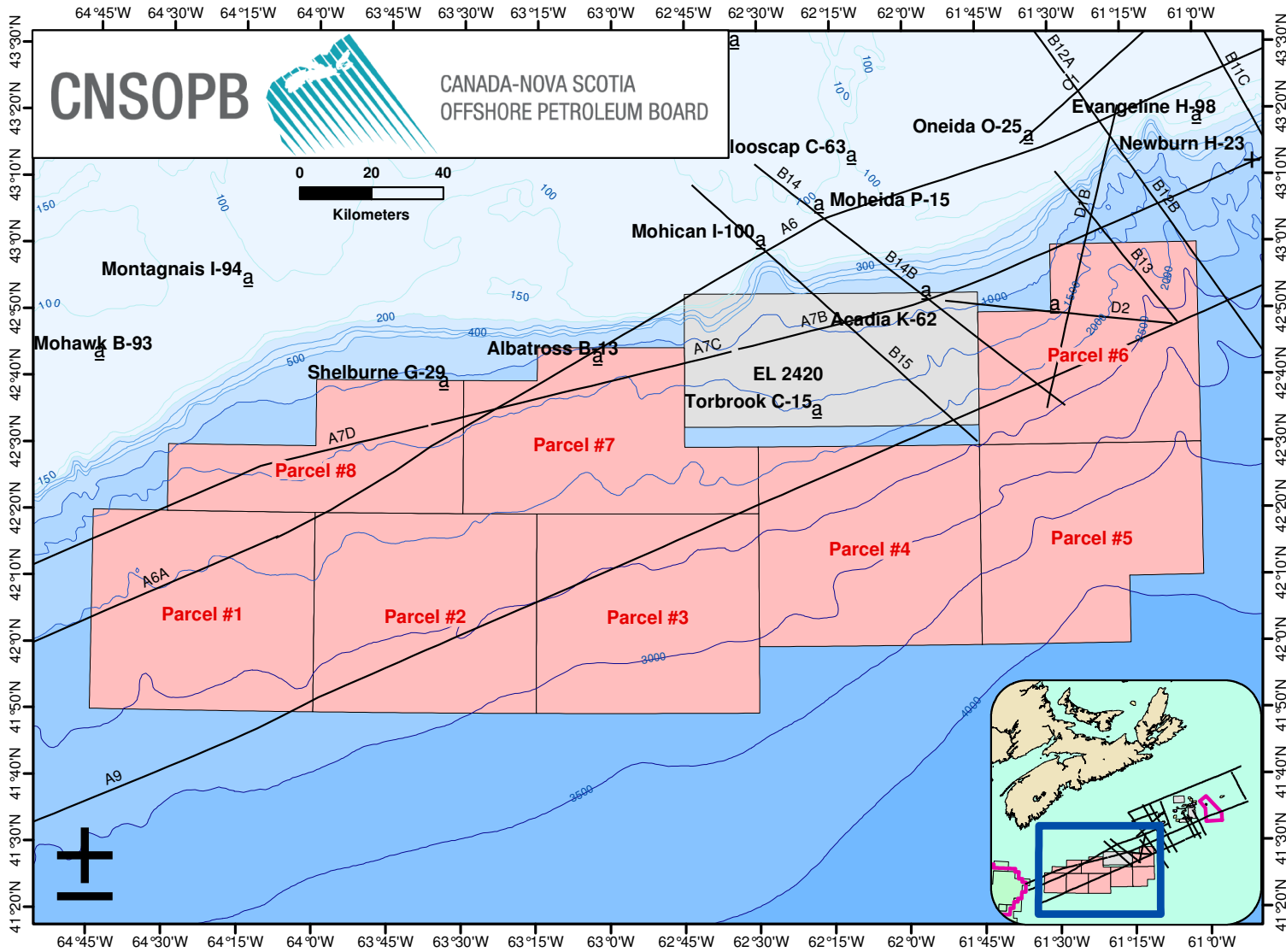
**Figure 25: Location Map for 8624-T021-006E**



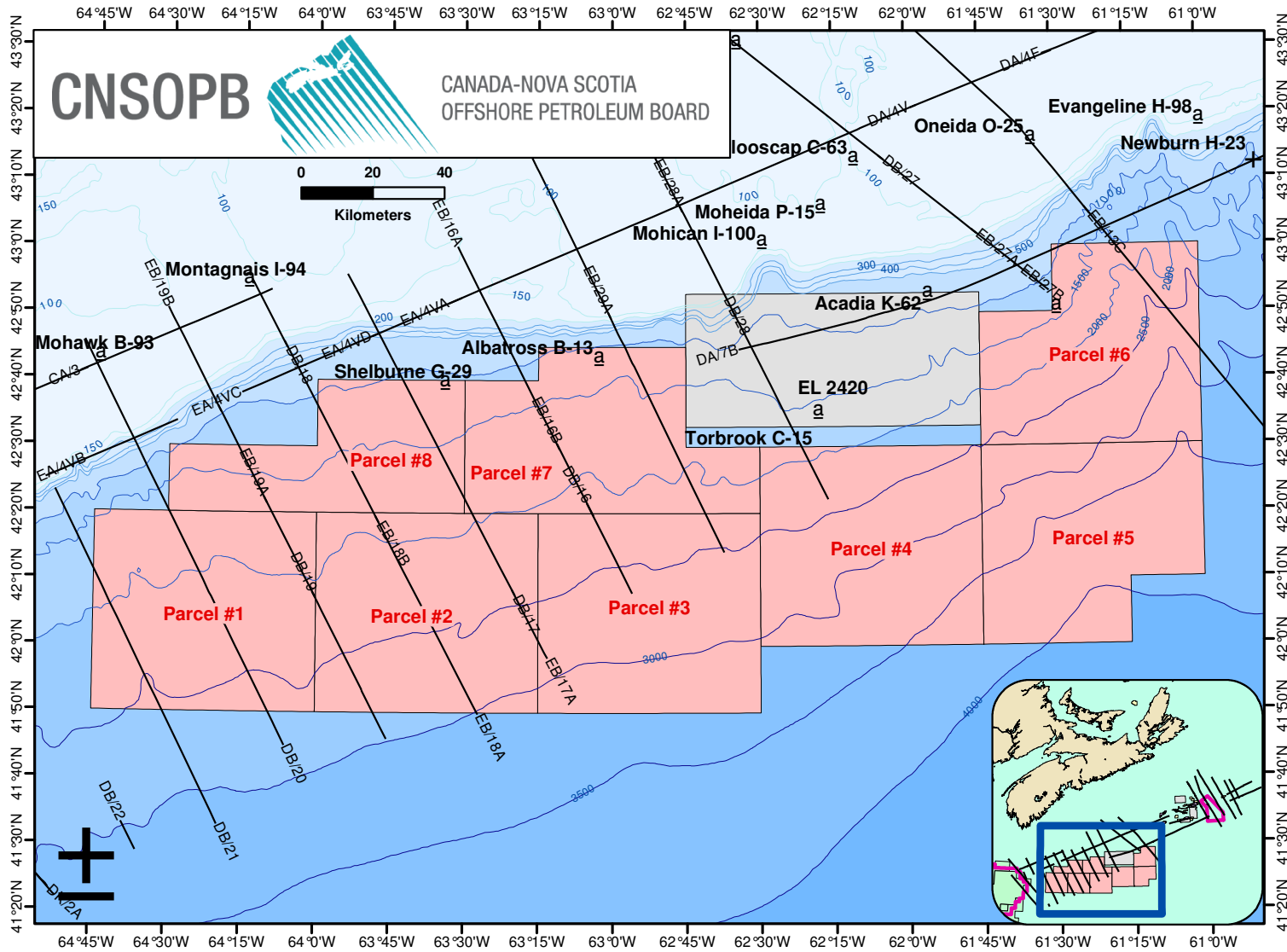
**Figure 26: Location Map for 8624-T021-008E**



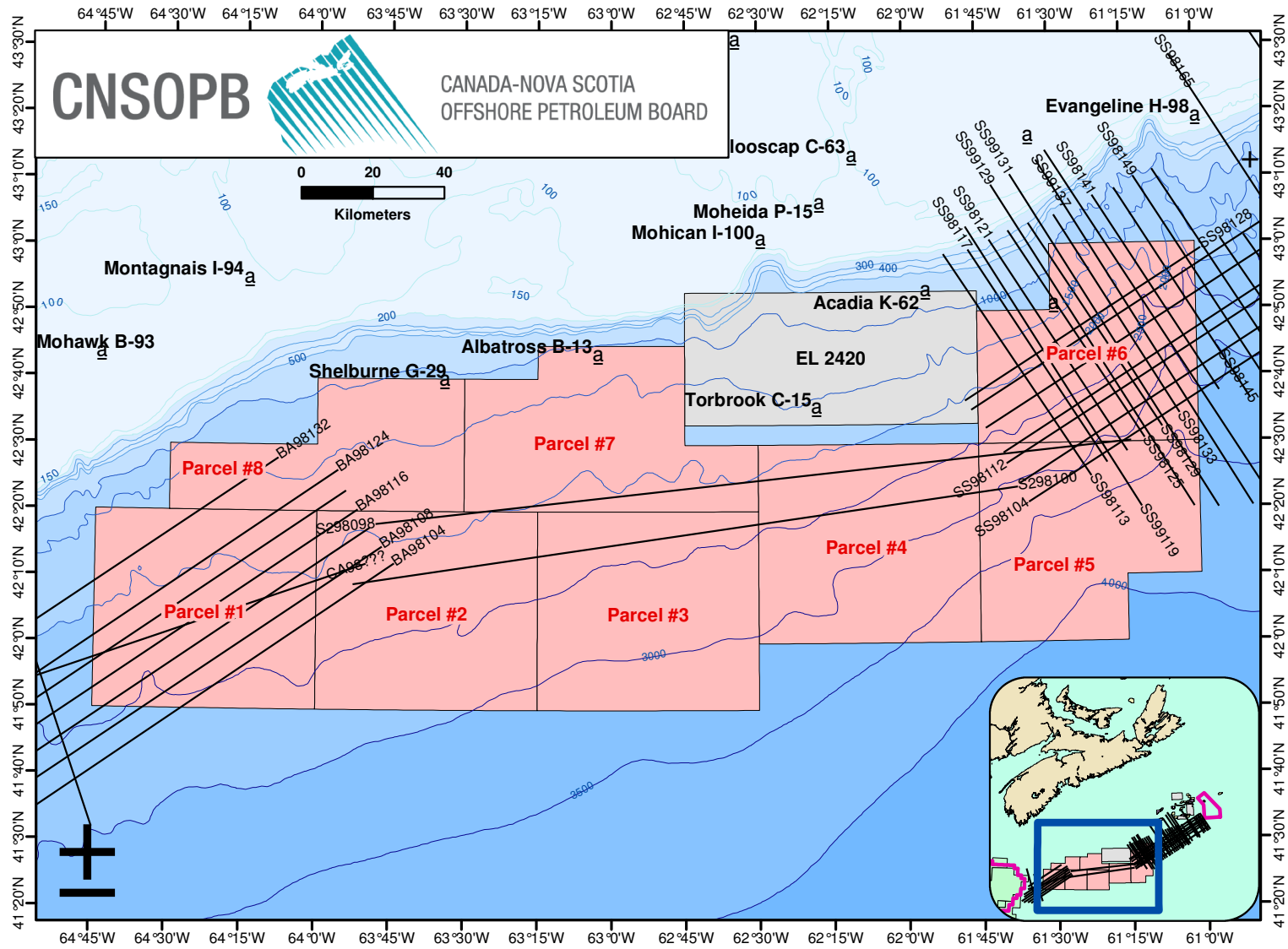
**Figure 27: Location Map for 8624-W013-001P**



**Figure 28: Location Map for 8624-W013-005P**

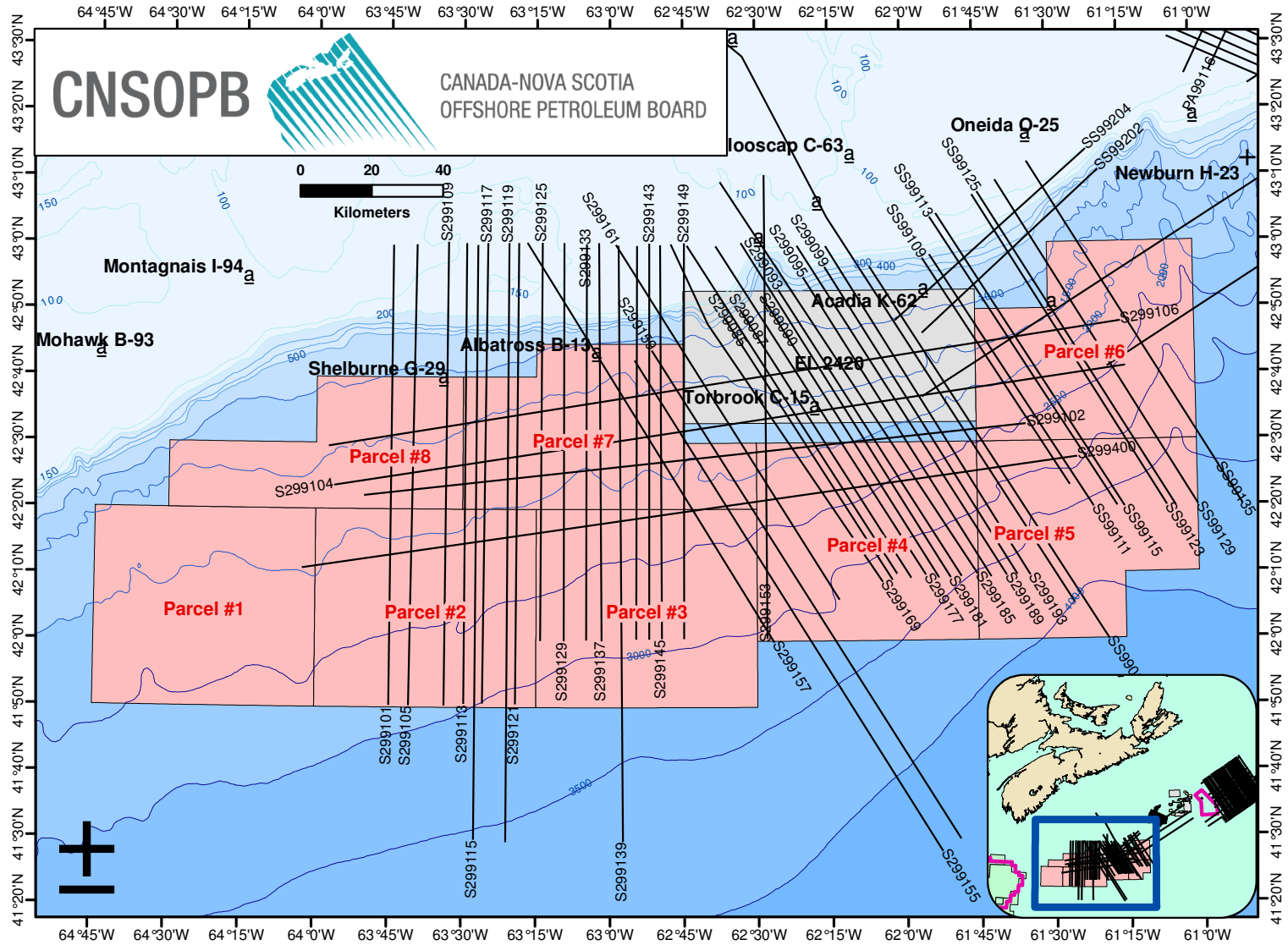


**Figure 29: Location Map for NS24-G005-001P**

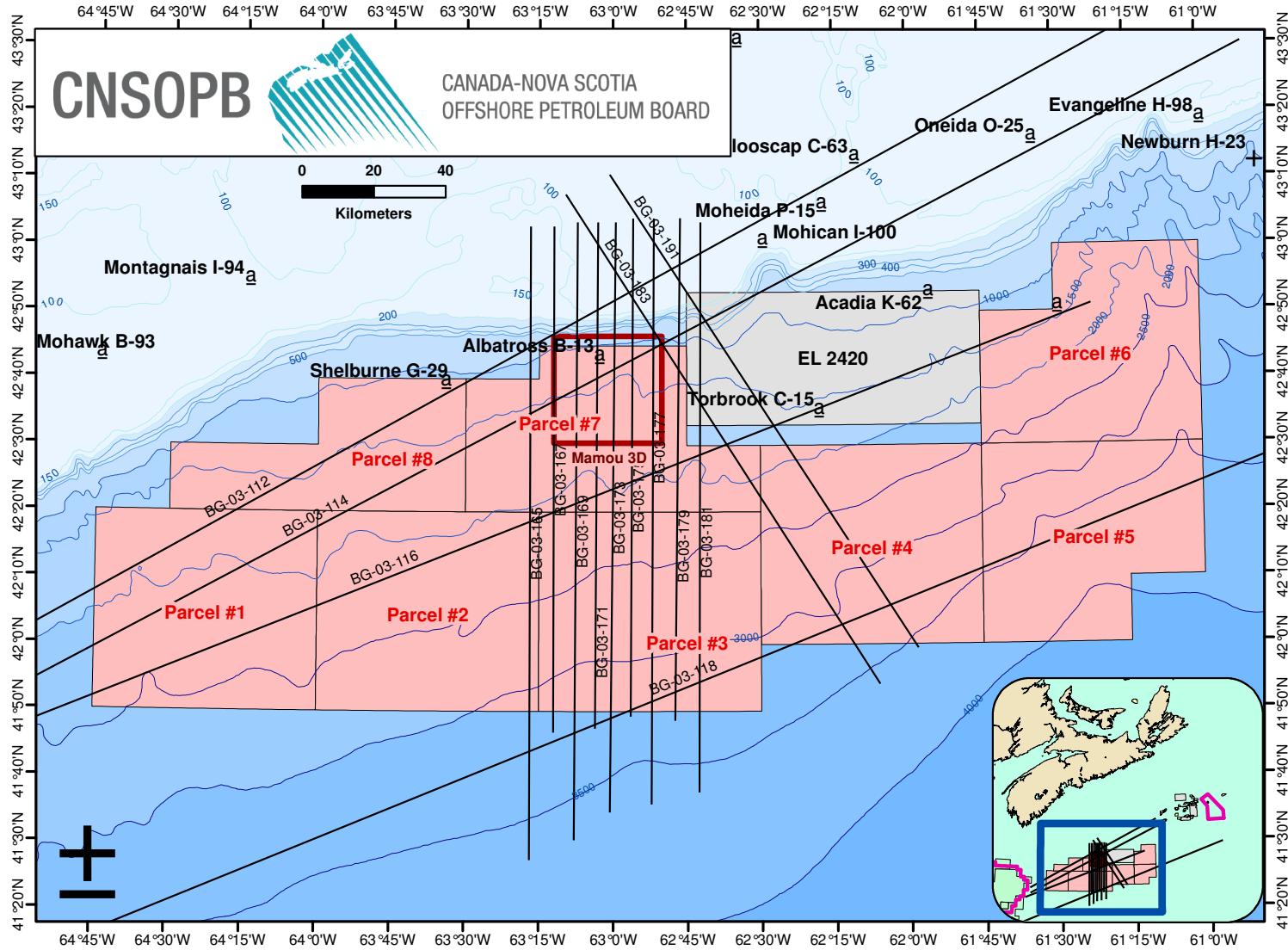




**Figure 30: Location Map for NS24-G005-002P**

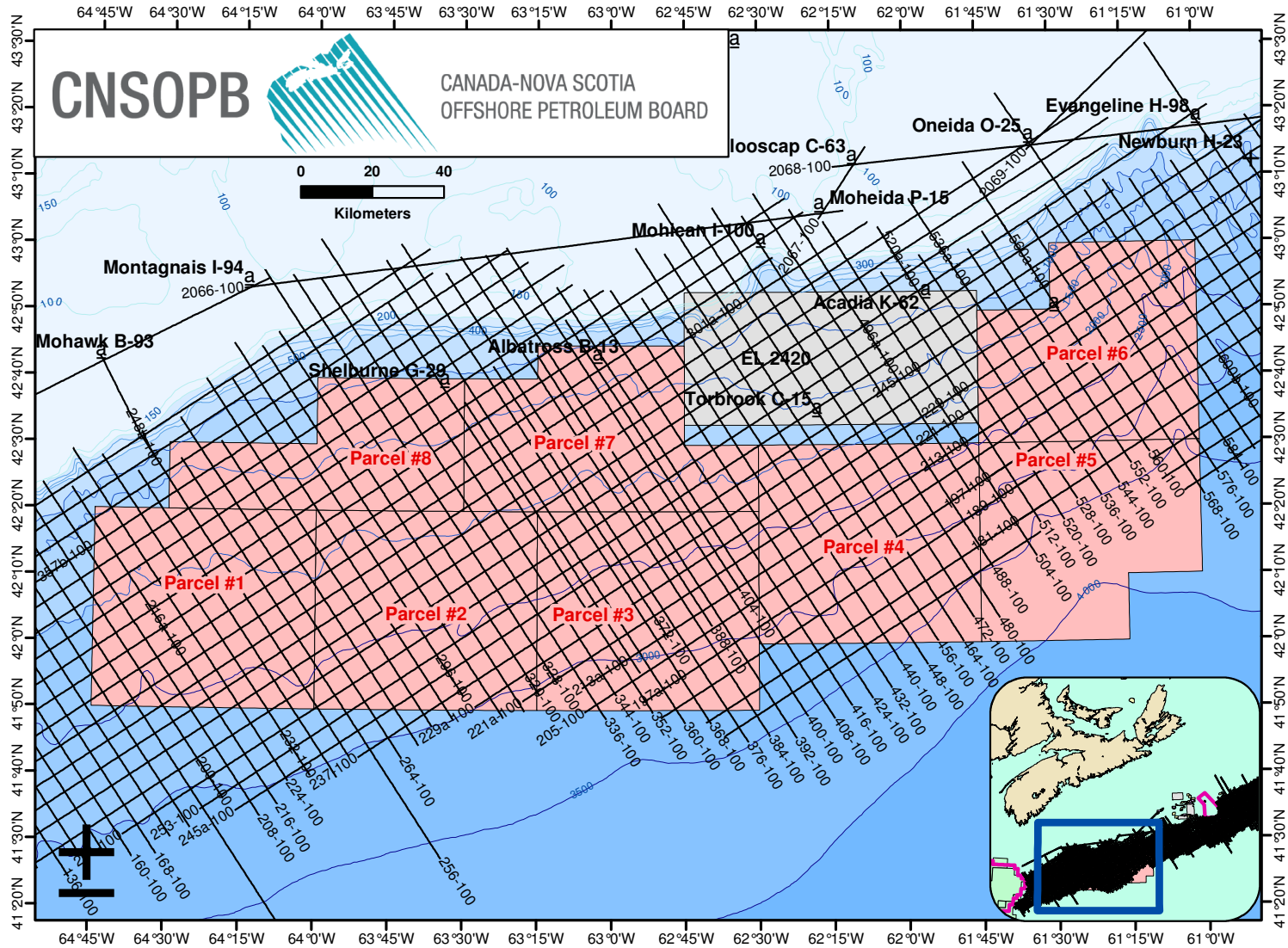


**Figure 31: Location Map for NS24-G005-008P (Confidential)**

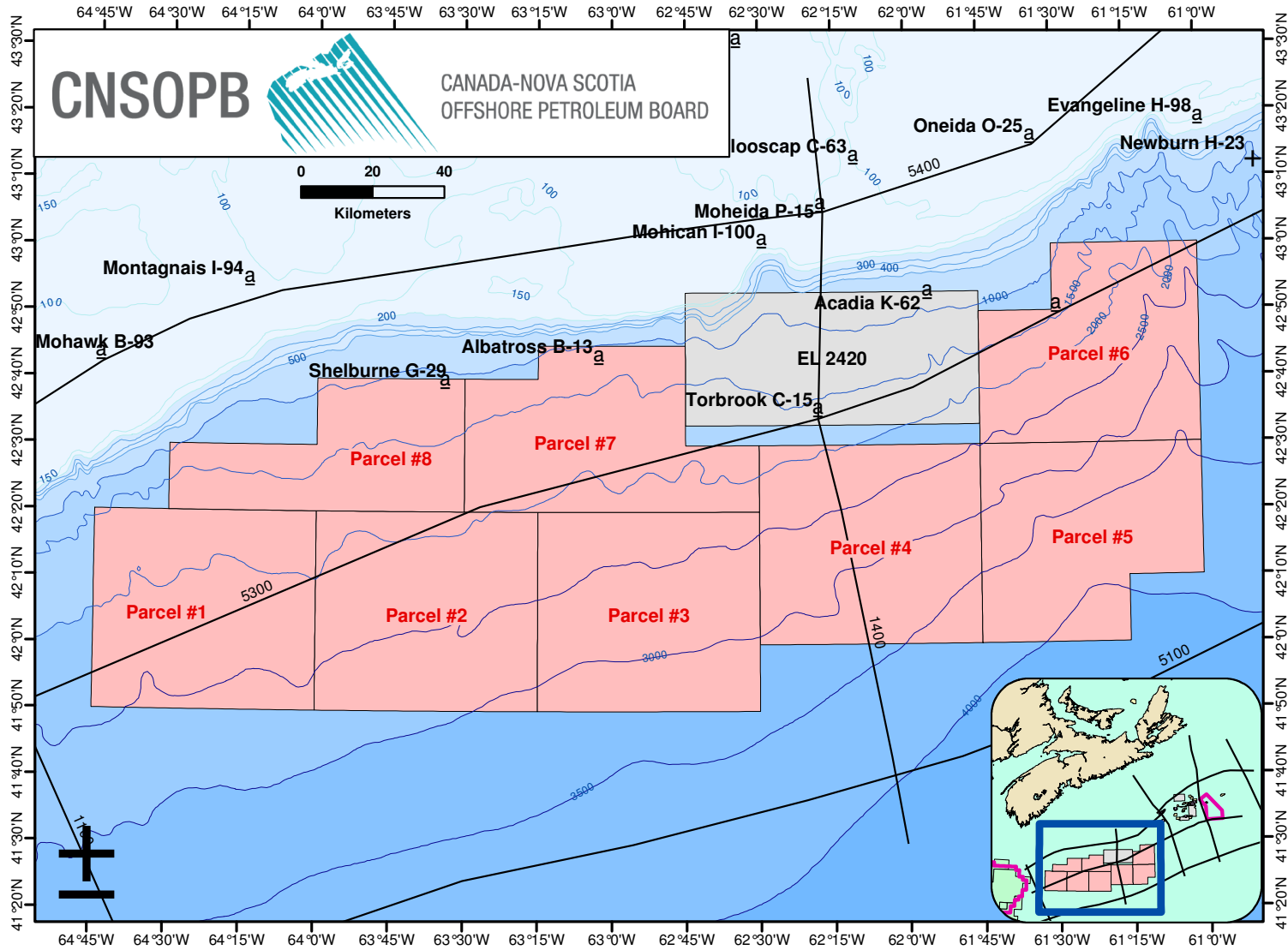




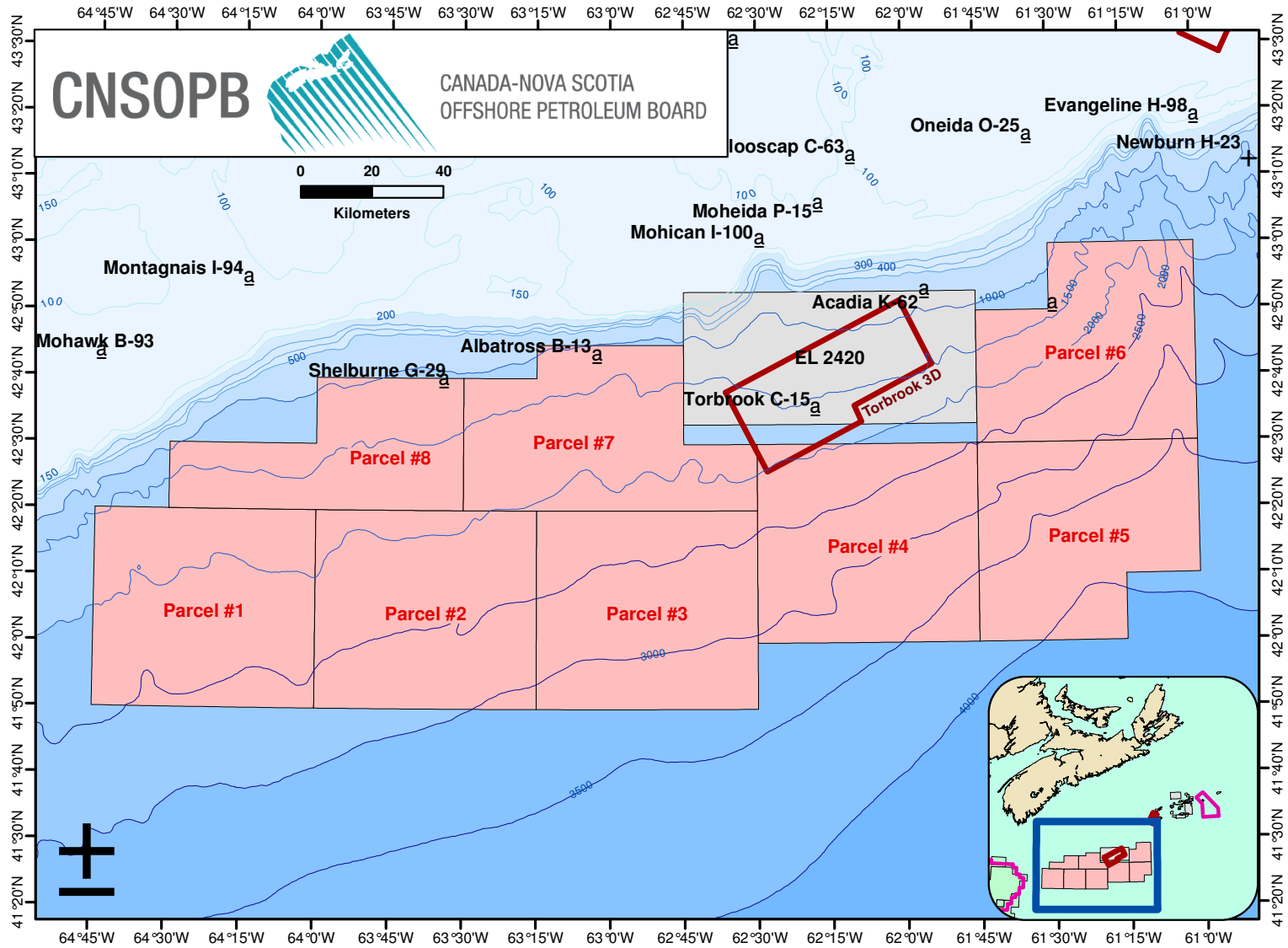
**Figure 32: Location Map for NS24-G026-001P,G065-001P**



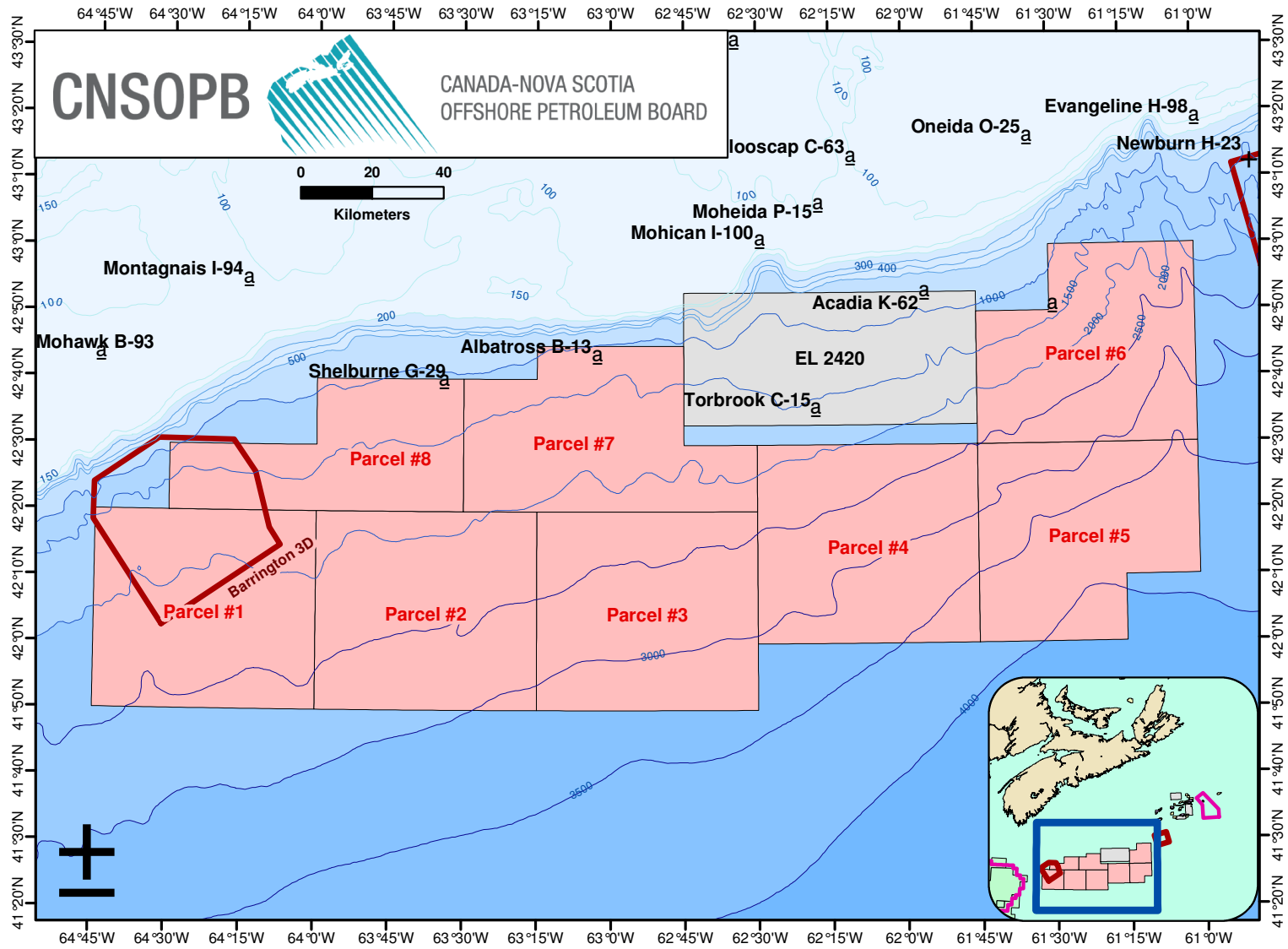
**Figure 33: Location Map for NS24-G075-003P (Confidential)**



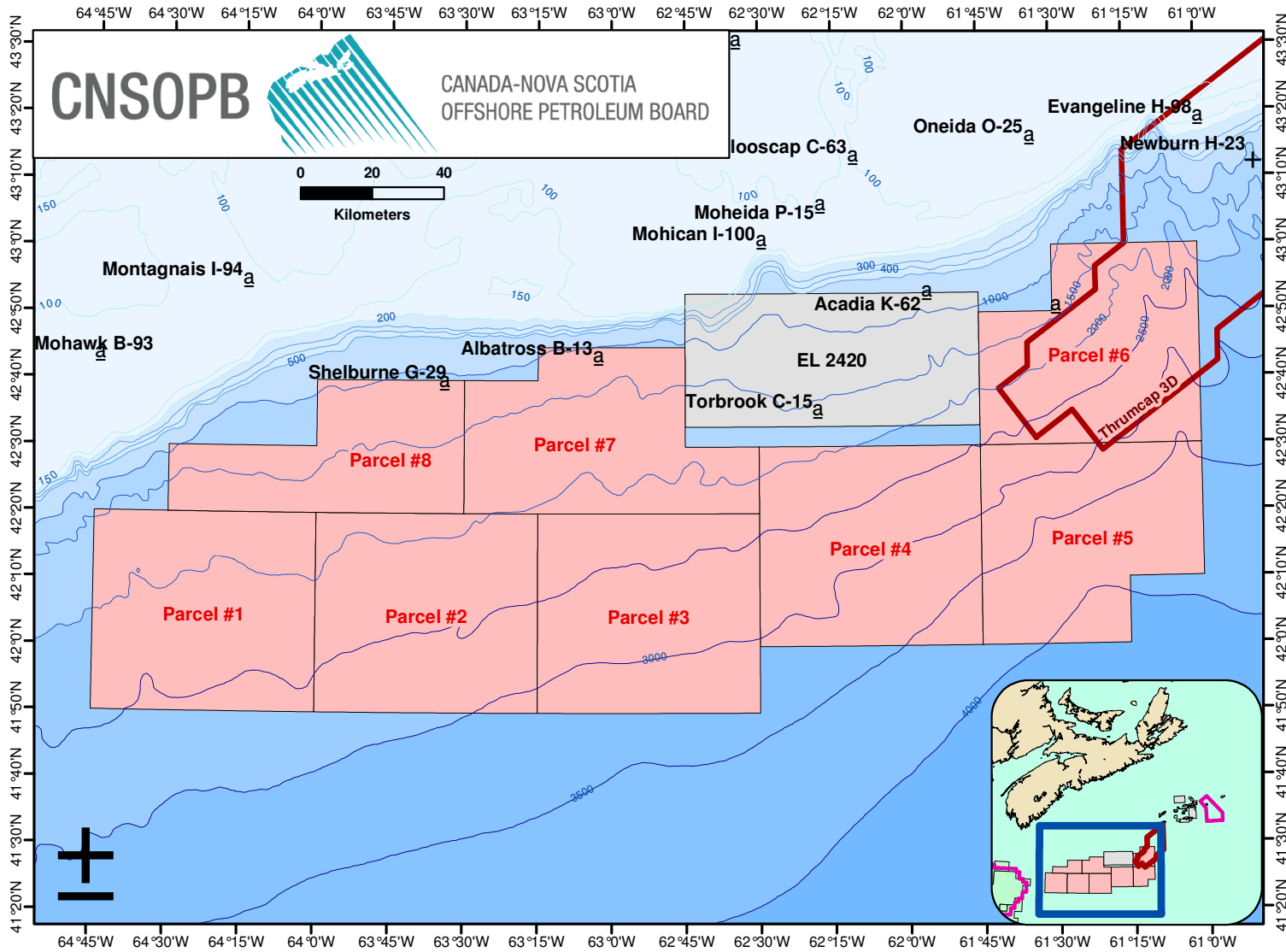
**Figure 34: Location Map for NS24-P003-002E**



**Figure 35: Location Map for NS24-P003-004E**

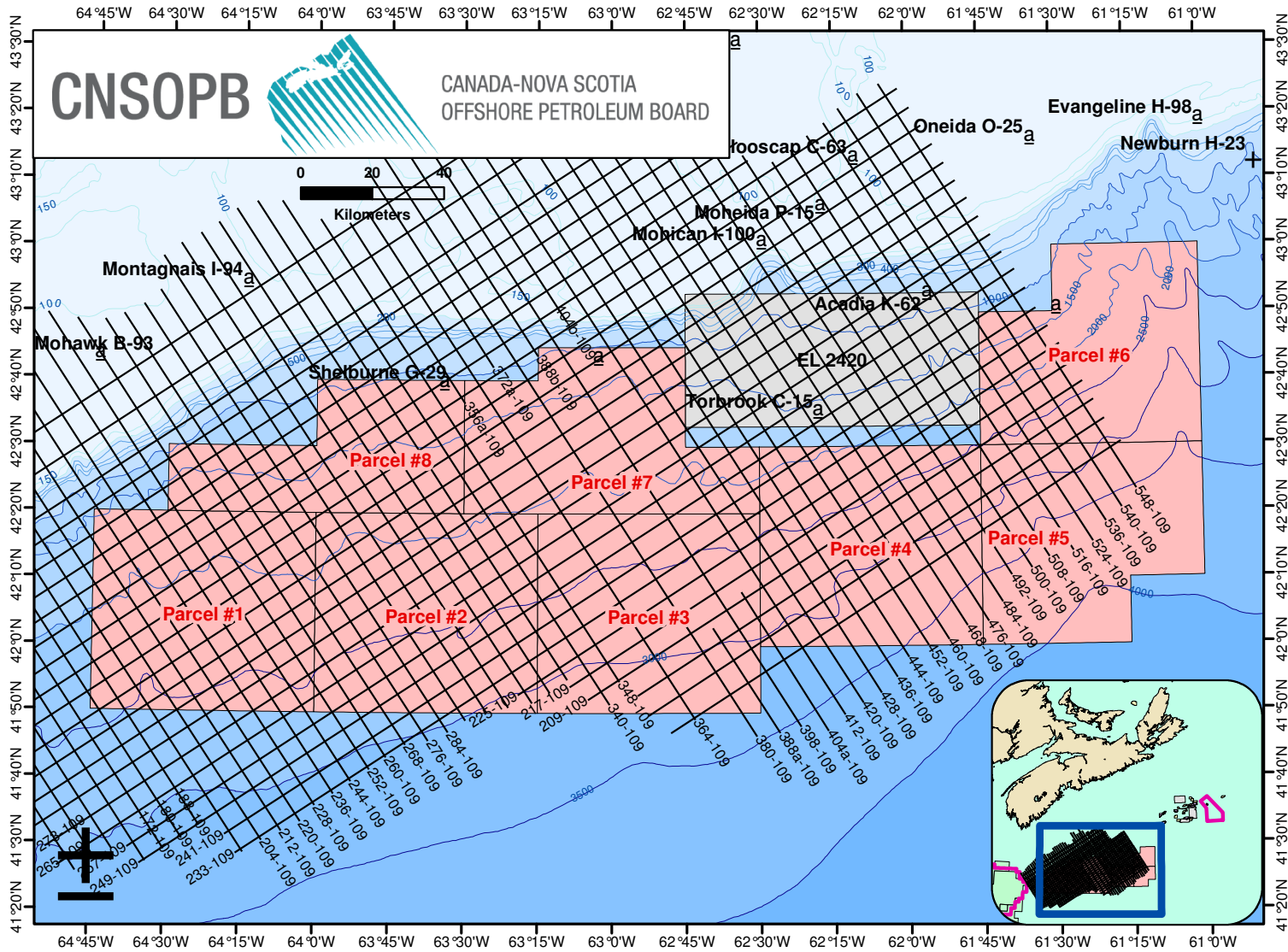


**Figure 36: Location Map for NS24-S006-001E, 002E**

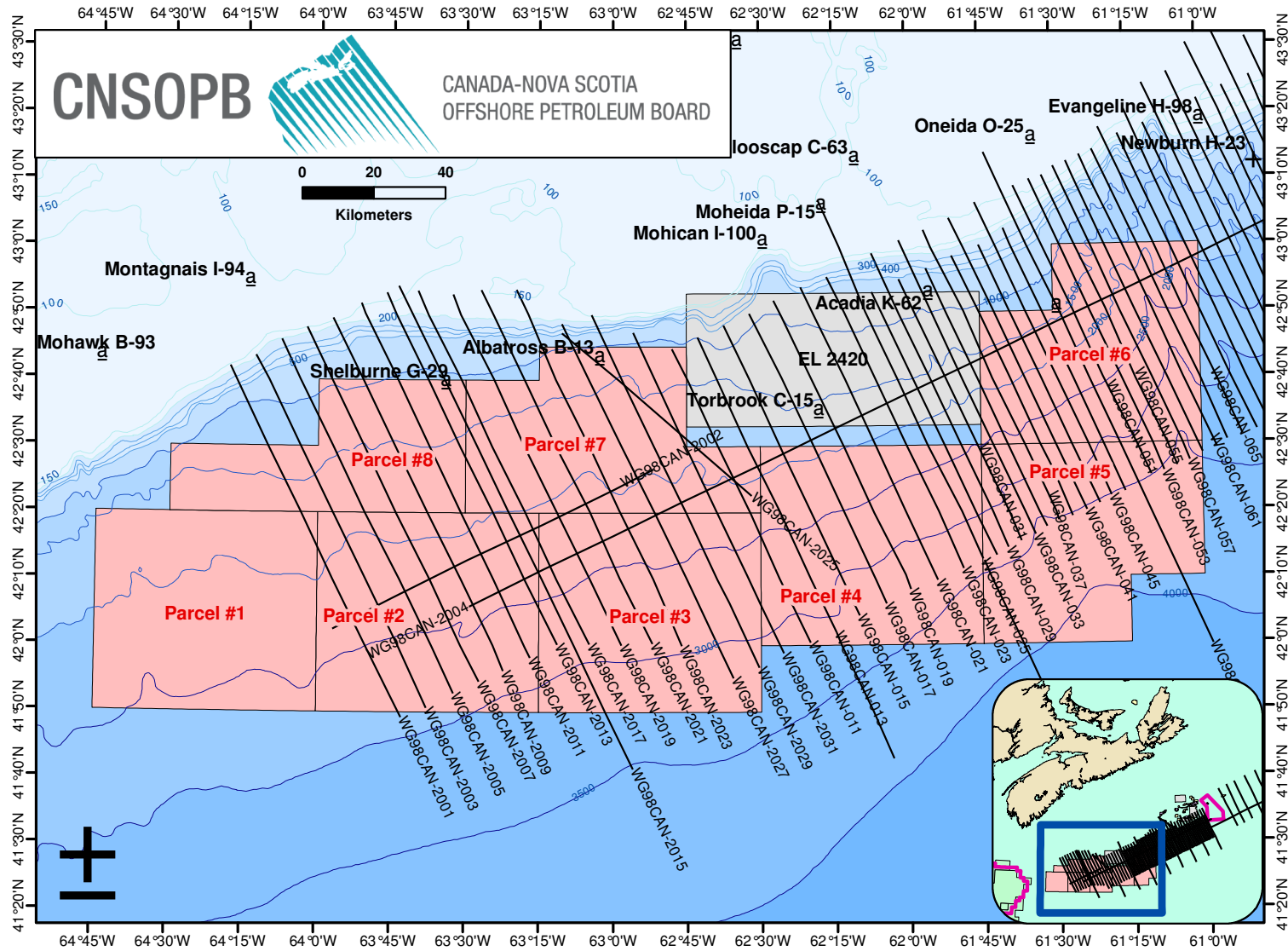




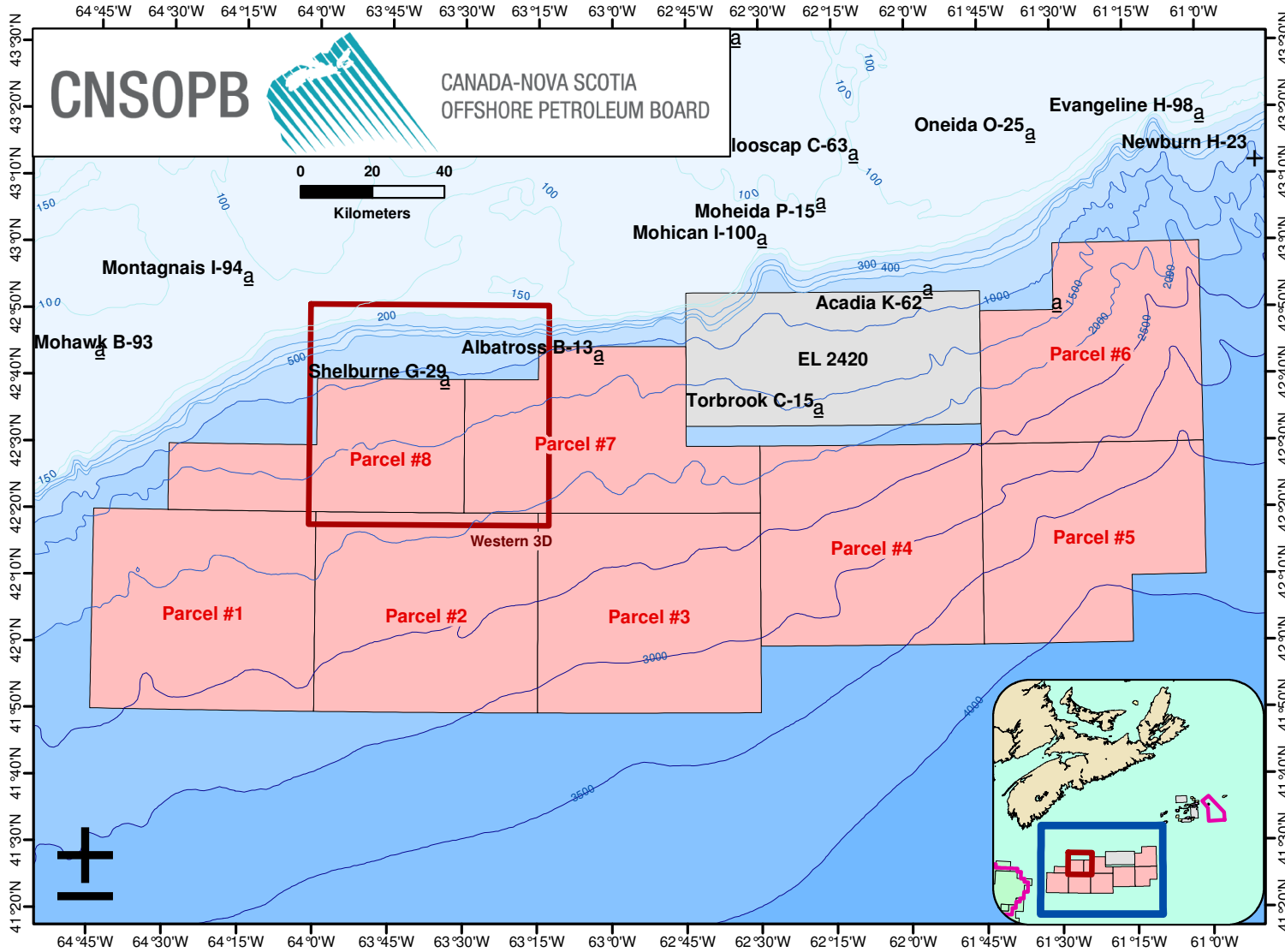
**Figure 37: Location map for NS24-T063-004P (Confidential)**



**Figure 38: Location map for NS24-W013-001P**

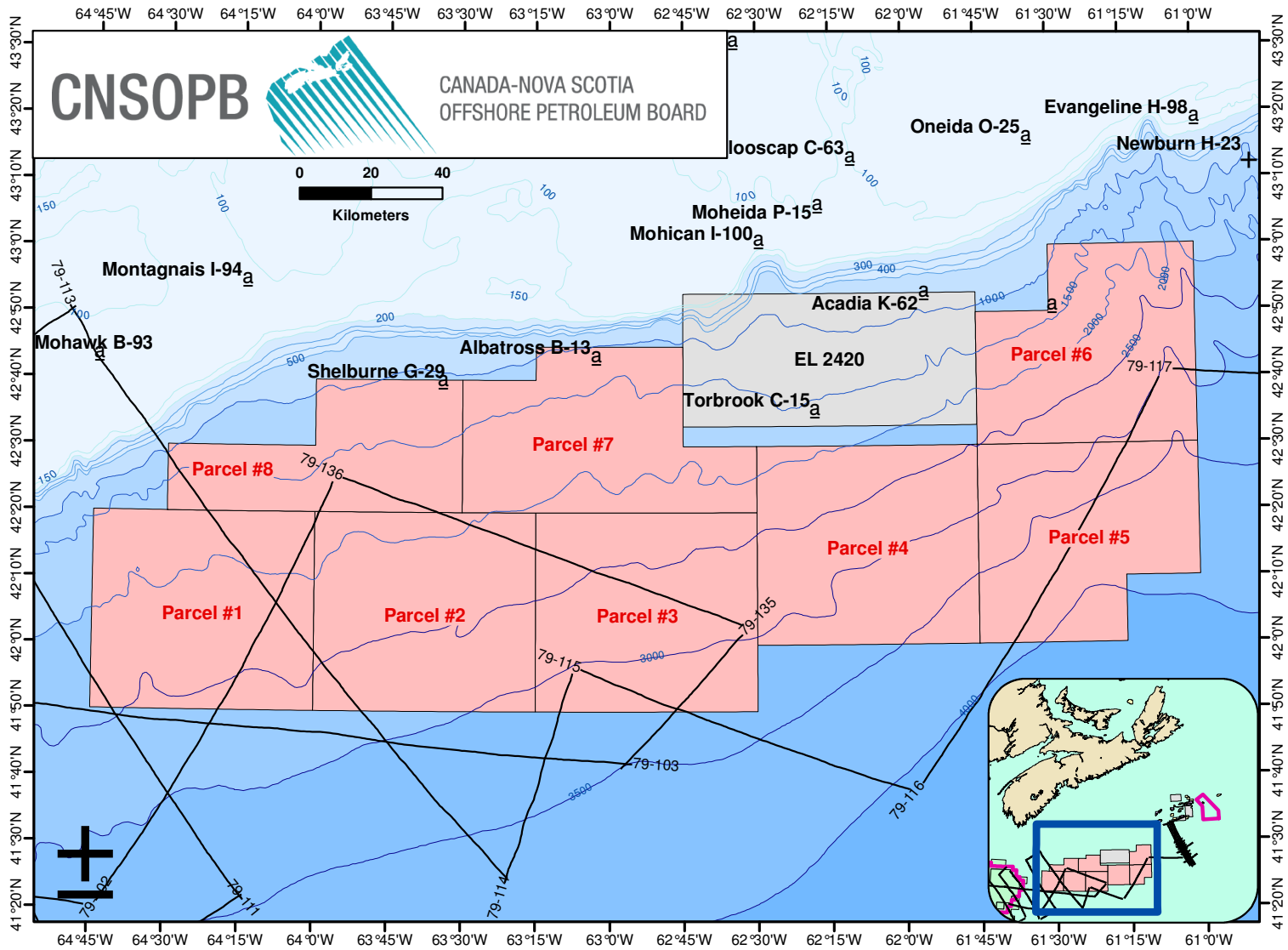


**Figure 39: Location Map for NS24-W013-002P,003P**

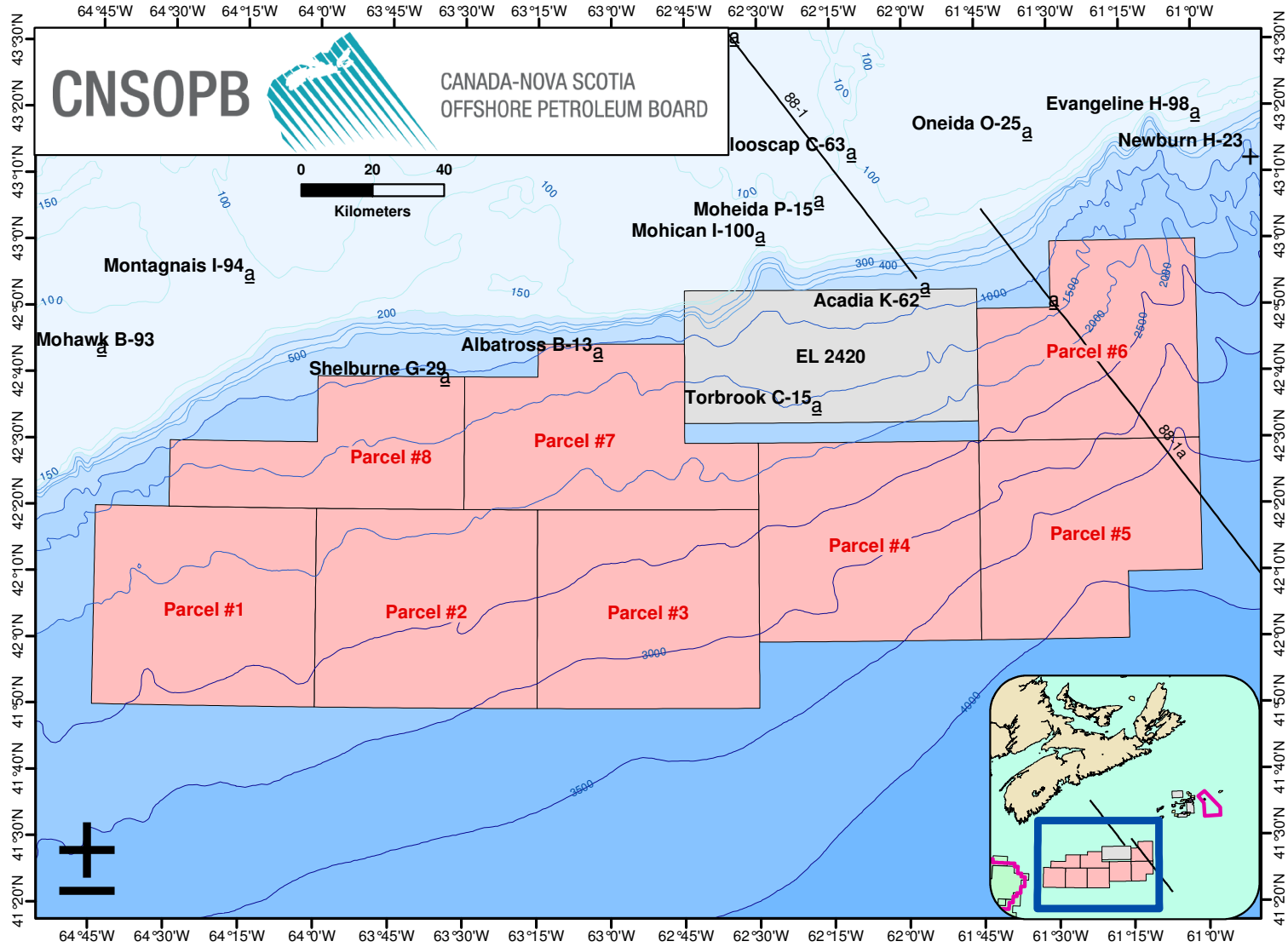




**Figure 40: Location Map for BGR 1979**



**Figure 41: Location Map for LITHOPROBE 1988**



#### 4. Seismic Spec Company Contacts

##### A) Geophysical Services Incorporated

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[http://gdr.nrcan.gc.ca/siesref/ec\\_e.php](http://gdr.nrcan.gc.ca/siesref/ec_e.php)