CANADA-NOVA SCOTIA
OFFSHORE PETROLEUM BOARD

Geological & Geophysical Information Available On

CALL FOR BIDS NS15-1

APRIL 2015

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Table of Contents

Contents

Introduction **6**
A. Disclosure of Technical Data 6
B. Explanation of Program Numbers for Geological and Geophysical Programs 6
C. Explanation Concerning Interpretation of Geologic Tops: 8
1. PARCELS 1-9 *Call for Bids NS15-1* **9**
Parcel 1 ..... *9*
Parcel 2 ..... *9*
Parcel 3 ..... *10*
Parcel 4 ..... *11*
Parcel 5 ..... *11*
Parcel 6 ..... *12*
Parcel 7 ..... *13*
Parcel 8 ..... *13*
Parcel 9 ..... *14*
2. WELL SUMMARIES *Call for Bids NS15-1* **16**
Acadia K-62 ..... *16*
Albatross B-13 ..... *18*
Bonnet P-23 ..... *20*
Eagle D-21 ..... *22*
Evangeline H-98 ..... *24*
Glooscap C-63 ..... *26*
Mohawk B-93 ..... *28*
Moheida P-15 ..... *29*
Mohican I-100 ..... *31*
Montagnais I-94 ..... *33*
Oneida O-25 ..... *35*
Penobscot B-41 ..... *37*
Penobscot L-30 ..... *39*
Shelburne G-29 ..... *42*
Shubenacadie H-100 ..... *43*
Torbrook C-15 ..... *45*
3. Released Sample Reports **47**
4. Geophysical Data – Report Descriptions **51**
5. Program Location Maps **58**
Figure 01: Location Map for 8620-C015-001P 59
Figure 02: Location Map for 8620-H006-001E,006E 60
Figure 03: Location Map for 8620-H006-003E 61
Figure 04: Location Map for 8620-J008-001E 62
Figure 05: Location Map for 8620-N011-001E 63

Figure 06: Location Map for 8620-S006-002E 64
Figure 07: Location Map for 8620-S006-009E 65
Figure 08: Location Map for 8620-S014-006E 66
Figure 09: Location Map for 8620-S024-001P 67
Figure 10: Location Map for 8620-T007-003E 68
Figure 11: Location Map for 8624-C015-002P,003P,004P 69
Figure 12: Location Map for 8624-C020-001E 70
Figure 13: Location Map for 8624-C055-004E 71
Figure 14: Location Map for 8624-D001-005P 72
Figure 15: Location Map for 8624-D001-006P 73
Figure 16: Location Map for 8624-J013-001P 74
Figure 17: Location Map for 8624-M003-044E 75
Figure 18: Location Map for 8624-M003-049E 76
Figure 19: Location Map for 8624-O011-001E 77
Figure 20: Location Map for 8624-P028-001E 78
Figure 21: Location Map for 8624-P028-002E 79
Figure 22: Location Map for 8624-P028-034E 80
Figure 23: Location Map for 8624-P028-049E 81
Figure 24: Location Map for 8624-P028-051E 82
Figure 25: Location Map for 8624-P028-060E 83
Figure 26: Location Map for 8624-P028-071E 84
Figure 27: Location Map for 8624-P028-073E 85
Figure 28: Location Map for 8624-P028-074E 86
Figure 29: Location Map for 8624-S006-005E,006E 87
Figure 30: Location Map for 8624-S006-008E 88
Figure 31: Location Map for 8624-S006-012E 89
Figure 32: Location Map for 8624-S006-023E 90
Figure 33: Location Map for 8624-S006-027E 91
Figure 34: Location Map for 8624-S006-032E 92
Figure 35: Location Map for 8624-S006-033E 93
Figure 36: Location Map for 8624-S006-036E 94
Figure 37: Location Map for 8624-S006-037E 95
Figure 38: Location Map for 8624-S006-042E 96
Figure 39: Location Map for 8624-S006-043E 97
Figure 40: Location Map for 8624-S014-006E 98
Figure 41: Location Map for 8624-T007-005E 99
Figure 42: Location Map for 8624-T021-004E 100
Figure 43: Location Map for 8624-W013-001P 101
Figure 44: Location Map for 8624-W013-004P 102
Figure 46: Location Map for BGR 1979 104
Figure 47: Location Map for GSC Open File 978 105
Figure 48: Location Map for Hudson 88-020 106
Figure 49: Location Map for Lithoprobe 1988 107
Figure 50: Location Map for NS24-E040-001E 108

Figure 51: Location Map for NS24-G005-001P....109
Figure 52: Location Map for NS24-G005-002P....110
Figure 53: Location Map for NS24-G005-004P....111
Figure 54: Location Map for NS24-G005-007P....112
Figure 55: Location Map for NS24-G005-008P....113
Figure 56: Location Map for NS24-G026-001P, G065-001P....114
Figure 57: Location Map for NS24-G075-003P....115
Figure 58: Location Map for NS24-M003-003E....116
Figure 59: Location Map for NS24-M003-007E....117
Figure 60: Location Map for NS24-M003-010E....118
Figure 61: Location Map for NS24-N011-001E....119
Figure 62: Location Map for NS24-S006-001E,002E....120
Figure 63: Location Map for NS24-T063-004P....121
Figure 64: Location Map for NS24-W013-001P....122
Figure 65: Location Map for NS24-W013-002P, 003P....123
Figure 66: Location Map for NS24-W030-001P....124
Figure 67: Location Map for NS24-W030-001P, Parcels 8-9....125
6. Seismic Data Information Contacts....126

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 NS15-1 area in the Nova Scotia offshore.

Additional information may be obtained from the CNSOPB's "Information on Well Data, Geological Data, and Geophysical Data", April 2015.

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 and, 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
  - 30 - combined geological program etc.

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

A004	Amoco	J001	ESSO Resources
A012	Austin Exploration	J008	ICG Resources
A014	Aqua Terra	J013	Jebco Surveys
A024	Amoco Production Co.	L023	LASMO Nova Scotia Limited
B003	B. P. O. P	K006	Kerr, J. William & Associates
B004	Banner Petroleum Limited	M003	Mobil Oil Canada
B011	Bow Valley	M006	Murphy Oil
C002	Canadian Export Oil & Gas	M013	McDermott, J. R
C004	Chevron Canada	M055	Marathon Canada Limited
C012	Canadian Reserve Oil & Gas	N005	Norcen Energy Resources
C015	Caravel/Catalina Exploration	N011	Nova Scotia Resources Limited
C020	Canadian Superior	O011	Onaping Resources Limited
C033	Canadian Ashland Exploration	P003	PanCanadian Petroleum Ltd.
C034	Central Del-Rio Oils	P011	Pacific Petroleums
C039	Cavalier Energy Inc.	P028	Petro-Canada
C055	Canterra	R005	Robertson Research - N. America
C146	Canadian Superior Energy Inc.	S001	Seibens Oil & Gas
D001	Digicon Exploration	S003	Shenandoah Oil
D003	Dome Petroleum	S006	Shell Canada Resources
D004	Delta Exploration	S008	Sun Oil
D009	Dome Canada	S009	Scurry-Rainbow Oil
D015	Dalhousie University	S014	SOQUIP

E006	Exxon	S016	Sultan Exploration
E040	ExxonMobil Canada Properties	S024	Seiscan Delta
E043	EnCana Corporation	S047	Simin. Expl. Consultants Ltd.
G001	Gulf Canada Resources	S092	St. Mary's University
G005	Geophysical Services Inc.	T007	Texaco Canada
G011	Geophoto Services	T013	Transalta Oil & Gas
G014	Great Plains Development	T021	Texaco Canada Resources
G020	Gebco (US) Inc.	T036	Teknica Resource Development Ltd.
G026	Geco Geophysical Canada Ltd.	T063	TGS-NOPEC Geophysical Company
G041	Government of Canada	U003	Union Oil
G065	Geco-Prakla	V001	Voyager Petroleums
G075	GX Technology	V003	Veritas Seismic
H005	Home Oil	W006	Western Decalta
H006	Husky Oil Operations Ltd.	W013	Western Geophysical
H007	Hudson's Bay Oil & Gas	W030	WesternGeco 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. PARCELS 1-9 *Call for Bids NS15-1*

PARCEL 1

(Search Co-Ordinates)

N. Latitude	42.16	E. Longitude	-65.07
S. Latitude	41.16	W. Longitude	-65.75

Program Number	Year	Location Map – Click to View
8620-S006-009E	1972	Figure 7
8624-D001-006P	1975	Figure 15
8624-P028-034E,051E	1982	Figure 22, 24
8624-P028-060E	1983	Figure 25
8624-S006-008E	1971	Figure 30
8624-S006-012E	1973	Figure 31
8624-S006-032E	1982	Figure 34
8624-W013-001P	1983	Figure 43
BGR 1979	1979	Figure 46
GSC Open File 978	1982	Figure 47
Lithoprobe 1989	1989	
U.S. East Coast	1980	

Confidential Programs	Year	Location Map
8624-W013-004P	1985	Figure 44
8624-T007-005E	1969	Figure 41
8624-P028-074E	1985	Figure 28
8620-T007-003E	1970	Figure 10
8624-J013-001P	1984	Figure 16

PARCEL 2

(Search Co-Ordinates)

N. Latitude	42.16	E. Longitude	-64.45
S. Latitude	41.33	W. Longitude	-65.05

Program Number	Year	Location Map
8620-C015-001P	1971	Figure 1
8620-S006-009E	1972	Figure 7
8624-P028-001E	1977	Figure 20
8624-P028-002E	1978	Figure 21
8624-P028-034E,051E	1982	Figure 22, 24
8624-S006-005E,006E	1970	Figure 29
8624-S006-008E	1971	Figure 30
8624-S006-012E	1973	Figure 31

8624-S006-025E,026E	1981	
8624-S006-032E	1982	Figure 34
8624-S006-036E	1983	Figure 36
BGR 1979	1979	Figure 46
NS24-P003-004E	2001	
Confidential Programs	**Year**	**Location Map**
8624-W013-004P	1985	Figure 44

PARCEL 3

(Search Co-Ordinates)

N. Latitude	42.65	E. Longitude	-64.50
S. Latitude	42.16	W. Longitude	-65.75

Program Number	**Year**	**Location Map**
8620-C015-001P	1971	Figure 1
8620-C020-001E,002E	1971	
8620-H006-003E	1982	Figure 3
8620-S006-002E	1972	Figure 6
8620-S006-009E	1972	Figure 7
8624-C015-002P,003P,004P	1970	Figure 11
8624-C020-001E	1972	Figure 12
8624-C055-004E	1983	Figure 13
8624-P028-001E	1977	Figure 20
8624-P028-002E	1978	Figure 21
8624-P028-034E,051E	1982	Figure 22, 24
8624-P028-060E	1983	Figure 25
8624-S006-005E,006E	1970	Figure 29
8624-S006-008E	1971	Figure 30
8624-S006-012E	1973	Figure 31
8624-S006-025E,026E	1981	
8624-S006-036E	1983	Figure 36
8624-W013-005P	1985	
BGR 1979	1979	Figure 46
GSC Open File 978	1982	Figure 47
NS24-P003-004E	2001	
U.S. East Coast	1980	
Confidential Programs	**Year**	**Location Map**
8624-T007-005E	1969	Figure 41
8624-P028-074E	1985	Figure 28
8620-T007-003E	1970	Figure 10
8624-D001-005P	1974	Figure 14

PARCEL 4

(Search Co-Ordinates)

N. Latitude	43.00	E. Longitude	-64.00
S. Latitude	42.50	W. Longitude	-64.97

Program Number	Year	Location Map
8620-C015-001P	1971	Figure 1
8620-C020-001E,002E	1971	
8620-S006-009E	1972	Figure 7
8620-S024-001P	1972	Figure 9
8624-C015-002P,003P,004P	1970	Figure 11
8624-C020-001E	1972	Figure 12
8624-P028-034E,051E	1982	Figure 22, 24
8624-P028-060E	1983	Figure 25
8624-S006-005E,006E	1970	Figure 29
8624-S006-008E	1971	Figure 30
8624-S006-012E	1973	Figure 31
8624-S006-032E	1982	Figure 34
8624-W013-005P	1985	
BGR 1979	1979	Figure 46
Hudson 88-020	1988	Figure 48
NS24-P003-004E	2001	
U.S. East Coast	1980	
Confidential Programs	**Year**	**Location Map**
8624-D001-005P	1974	Figure 14

PARCEL 5

(Search Co-Ordinates)

N. Latitude	43.45	E. Longitude	-62.35
S. Latitude	42.66	W. Longitude	-63.00

Program Number	Year	Location Map
8620-C015-001P	1971	Figure 1
8620-C020-001E,002E	1971	
8620-H006-001E,006E	1982	Figure 2
8620-S006-009E	1972	Figure 7
8620-S014-006E	1983	Figure 8
8620-S024-001P	1972	Figure 9
8624-C015-002P,003P,004P	1970	Figure 11
8624-C020-001E	1972	Figure 12
8624-O011-001E	1981	Figure 19
8624-P028-049E	1982	Figure 23

8624-P028-050E	1982	
8624-S006-005E,006E	1970	Figure 29
8624-S006-008E	1971	Figure 30
8624-S006-032E	1982	Figure 34
8624-T021-004E	1978	Figure 42
8624-W013-001P	1983	Figure 43
8624-W013-005P	1985	
Lithoprobe 1988	1988	Figure 49
NS24-P003-004E	2001	

PARCEL 6

(Search Co-Ordinates)

N. Latitude	43.75	E. Longitude	-61.75
S. Latitude	42.88	W. Longitude	-62.35

Program Number	Year	Location Map
8620-C015-001P	1971	Figure 1
8620-C020-001E,002E	1971	
8620-H006-001E,006E	1982	Figure 2
8620-S006-009E	1972	Figure 7
8620-S014-006E	1983	Figure 8
8620-S024-001P	1972	Figure 9
8624-C015-002P,003P,004P	1970	Figure 11
8624-C020-001E	1972	Figure 12
8624-O011-001E	1981	Figure 19
8624-P028-001E	1977	Figure 20
8624-P028-049E	1982	Figure 23
8624-P028-071E	1985	Figure 26
8624-S006-005E,006E	1970	Figure 29
8624-S006-012E	1973	Figure 31
8624-S006-032E	1982	Figure 34
8624-W013-001P	1983	Figure 43
8624-W013-005P	1985	
Lithoprobe 1988	1988	Figure 49
NS24-W030-001P	2001	Figure 66, 67

PARCEL 7

(Search Co-Ordinates)

N. Latitude	43.58	E. Longitude	-61.00
S. Latitude	43.00	W. Longitude	-61.75

Program Number	Year	Location Map
8620-C020-001E,002E	1971	
8620-H006-001E,006E	1982	Figure 2
8620-H006-007E	1983	
8620-J008-001E,002E	1983	
8620-M003-023E	1974	
8620-S006-009E	1972	Figure 7
8620-S014-006E	1983	Figure 8
8620-S024-001P	1972	Figure 9
8624-C015-002P,003P,004P	1970	Figure 11
8624-C020-001E	1972	Figure 12
8624-M003-011E	1972	
8624-P028-049E	1982	Figure 23
8624-P028-071E	1985	Figure 26
8624-S006-005E,006E	1970	Figure 29
8624-S006-008E	1971	Figure 30
8624-S006-012E	1973	Figure 31
8624-S006-025E,026E	1981	
8624-S006-027E	1981	Figure 33
8624-S006-028E,031E	1981	
8624-S006-037E	1983	Figure 37
8624-W013-001P	1983	Figure 43
8624-W013-005P	1985	
Lithoprobe 1988	1988	Figure 49
NS24-P003-002E	2000	
NS24-S006-001E,002E	2001	Figure 62
NS24-W030-001P	2001	Figure 66, 67

PARCEL 8

(Search Co-Ordinates)

N. Latitude	44.25	E. Longitude	-59.87
S. Latitude	44.08	W. Longitude	-60.25

Program Number	Year	Location Map
8620-J008-001E,002E	1983	
8620-N011-001E	1985	
8620-S014-006E	1983	Figure 8
8624-M003-025E	1975	

8624-M003-035E	1980	
8624-M003-049E	1984	Figure 18
8624-P028-073E	1986	Figure 27
8624-S006-005E,006E	1970	Figure 29
8624-S006-023E	1980	Figure 32
8624-S006-027E	1981	Figure 33
8624-S006-033E	1982	Figure 35
8624-S006-037E	1983	Figure 37
8624-S006-043E	1984	Figure 39
8624-S006-048E	1985	
8624-W013-002P	1984	
NS24-N011-001E	1992	Figure 61
NS24-P003-003E	2000	
NS24-W030-001P	2001	Figure 66, 67

PARCEL 9

(Search Co-Ordinates)

N. Latitude	43.95	E. Longitude	-59.50
S. Latitude	43.68	W. Longitude	-59.75

Program Number	Year	Location Map
8620-H006-002E	1982	
8620-H006-007E	1983	
8620-H006-008E	1984	
8620-H006-009E	1985	
8620-J008-001E,002E	1983	
8620-M003-022E	1974	
8620-S006-009E	1972	Figure 7
8620-S014-006E	1983	Figure 8
8624-B011-004E	1983	
8624-H006-004E	1983	
8624-H006-010E	1985	
8624-M003-004E	1971	
8624-M003-033E	1979	
8624-M003-035E	1980	
8624-M003-044E	1982	Figure 17
8624-M003-047E	1983	
8624-M003-049E	1984	Figure 18
8624-S006-023E	1980	Figure 32
8624-S006-027E	1981	Figure 33
8624-S006-033E	1982	Figure 35
8624-S006-037E	1983	Figure 37

8624-S006-043E	1984	Figure 39
8624-W013-002P	1984	
NS24-E040-001E	1984	Figure 50
NS24-M003-003E	1996	Figure 58
NS24-M003-006E	1997	
NS24-M003-007E	1998	Figure 59
NS24-M003-010E	1999	Figure 60

2. WELL SUMMARIES *Call for Bids NS15-1*

(In or near Parcels 1 -9)

Acadia K-62

Well Summary

GENERAL INFORMATION

D #	171
Company	Chevron-PEX Shell
Location	42°51‘43.54" N 61°55‘02.08" W
UWI	300K624300061450
Area	Scotian Slope
Spud Date	April 11, 1978
Well Term. Date	August 2, 1978
Drilling Rig	Ben Ocean Lancer
Total Depth (m)	5287
Water Depth (m)	866.2
Rotary Table (m)	12.8
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
762 mm x 928 m	30” x 3,044.6’
508 mm x 1182.9 m	20” x 3,880.9’
399.7 mm x 1785.2 m	13 3/8” x 5,856.9
244.5 mm x 2786.3 m	9 5/8” x 9,141.4’
177.8 mm x 4881 m (liner)	7” x 16,013.7’ (liner)

WELL TEST SUMMARY

Type /Test #	**Interval (m)**	**Recovery**	**Amt. Recovered**
DST # 1	2786.2 – 2822.9	water cushion	152 m
		muddy water	475 m
		slightly muddy water	2,149 m
DST # 2	4821.9 – 4837.8m	water cushion	11.0m^3
		very muddy water	3.0 m^3
		slightly muddy water	1.5 m^3
		formation salt water	18.0 m^3

DST #3	3023.01 – 4755.49	water cushion	2 m^3
		rat hole mud	1.5 m^3
		formation water	24.0 m^3
		mud	1.5 m^3

GEOLOGIC TOPS

Formation:	**Depth (m)**
Banquereau Fm	2593.4 bottom
Wyandot Fm	2593.4
Dawson Canyon Fm	2620.1
Petrel Mb	2714.4
(unconformity)	2778.0
Roseway Equivalent	2778.0
Abenaki Fm	3306.0
Baccaro Mb	3306.0
Misaine Mb	4086.0
Scatarie Mb	4304.0
Mohican Equivalent	4950.0

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)
A Geological and Geopressure Report for Acadia “A” K-62

SAMPLES

Sample Type:	**Interval (m)**	**# of Samples**
Washed Cuttings	1200.0 – 5287.0	1,040

Unwashed Cuttings	1200.0 – 5287.0	1,022
Sidewall Core	1881.0 – 4887.2	90

Slides:	**Interval (m)**	**# of Samples**	**Sample Source:**
Micropaleo	1200.0 – 5287.0	134	cuttings
Micropaleo	2430.0 - 5257.0	127	cuttings
Palynology	1200.0 – 5287.0	131	cuttings
Palynology	1951.0 – 4297.7	19	sidewall core
Palynology	1828.8 – 2270.2	11	sidewall core

Core:	**Interval (m)**	**Recovery (m)**
Core #1	2811.4 – 2813.0	1.5
Core #2	2813.0 – 2816.0	0.5
Core #3	2816.0 – 2822.9	6.8
Core #4	3380.6 – 3399.2	17.4
Core #5	3736.8 – 3752.4	15.5
Core #6	4842.0 – 4854.0	9.6

Albatross B-13

Well Summary

GENERAL INFORMATION

D #	268
Company	Petro-Can-Texaco et al
Location	42°42'10.68" 63°02'11.83"
UWI	300B134250063000
Area	Scotian Slope
Spud Date	December 12, 1984
Well Term. Date	March 28, 1985
Drilling Rig	Sedco 710
Total Depth (m)	4046
Water Depth (m)	1341
Rotary Table (m)	24
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
762 mm x 1415 m	30” x 4,642’
508 mm x 1862 m	20” x 6,109’
340 mm x 2484 m	13 3/8” x 8,149’

GEOLOGIC TOPS	**(m):**
Banquereau Fm	2468.5
(unconformity)	2468.5
Roseway/Artimon equiv.	2468.5
Abenaki Fm	3014.5
Baccaro Mb	3014.5
(Fault)	3815.0
Misaine Mb	3958.4

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

Sample Type	**Interval (m)**	**# of Samples**

Washed Cuttings	1880 – 4044	434
Unwashed Cuttings	1880 – 4044	434
Canned Cuttings (dried)	1855 – 4044	217

Slides			**Sample Source**
Micropaleo	1875 – 4044	83	cuttings
Palynology	1875 – 4044	70	cuttings
Thin Section	2511.5	1	core

Core:		**Recovery (m)**
Core #1	2511.5 – 2517.0	5

Bonnet P-23

Well Summary

GENERAL INFORMATION

D #	244
Company	Petro-Canada et al
Location	42°22'48.64" N 65°03'01.89" W
UWI	300P234230065000
Area	Scotian Shelf
Spud Date	January 14, 1984
Well Term. Date	April 4, 1984
Rig Release Date	Petro-Canada et al
Drilling Rig	Bow Drill 1
Total Depth (m)	4336.2
Water Depth (m)	133
Rotary Table (m)	25
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
762 mm x 230.32 m	30” x 2,500‘
508 mm x 425 m	20” x 1,394’
340 mm x 1170.7 m	13 3/8” x 3,840’
245 mm x 3177.8 m	9 5/8” x 10,426’

GEOLOGIC TOPS:	**Depth (m)**
Banquereau Fm	1762.5 (bottom)
(Unconformity)	1762.5
Logan Canyon Fm?	1762.5

Naskapi Mb	1762.5
Roseway Unit?	1796.0
Abenaki Fm	2091.5
Baccaro Mb	2091.5
Misaine Mb	3178.6
Scatarie Mb	3346.5
Iroquois Fm	3525.0

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
Biostratigraphical Analysis Chart – Palynology
Biostratigraphical Analysis Chart - Micropaleontology
Well Seismic Results ,Run 1 - Field log

SAMPLES

Sample Type	Interval (m)	# of Samples	
Washed Cuttings	445 – 3945	595	
Unwashed Cuttings	445 – 3945	600	
Canned Cuttings (dried)	445 – 3945	294	
Slides			**Sample Source**
Micropaleo	440 – 3950	110	cuttings
Palynology	440 – 3945	109	cuttings
Core:		**Recovery (m)**	
Core #1	4325.2 – 4336.2	8.3	

Eagle D-21

Well Summary

GENERAL INFORMATION

D #	80
Company	Shell et al
Location	43°50'06.73"N 59°34'09.21"W
UWI	300D214400059300
Area	Scotian Shelf
Spud Date	April 22, 1972
Well Term. Date	July 2, 1972
Drilling Rig	Sedco H
Total Depth (m)	4660.4
Water Depth (m)	51.2
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	Size x Depth (imperial)
406 mm x 265.2	16" x 870'
340 mm x 996.7 m	13 3/8" x 3,270'
245 mm x 2213.5 m	9 5/8" x 7,262'

FLUID TESTS

Type /Test #	Interval (m)	Recovery	Flow Rate (m3/d) / Amount
Production Test	1659.6 -1659.9	gas	44,740

#1

Production Test #2	98.7 – 1638.6	gas water	36,812 32 - .64
Production Test #3	1594.1 – 1615.4	gas	39,643
WLT #2	1645.3	mud	9,000cc (1645.3 m)
WLT #3	1633.7	mud	10,000cc (1633.7 m)

GEOLOGIC TOPS :

Formation	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	1592.2
Dawson Canyon Fm	1672.4
Petrel Mb	1797.1
Logan Canyon Fm	1877.6
Marmora Mb	1877.6
Sable Mb	2155.8
Cree Mb	2291.2
Naskapi Mb	3307.1
Missisauga Fm	3517.4
(Upper)	3517.4
(Lower)	4434.8
(approx. top O.P.)	4495.8

ADDITIONAL REPORTS AND LOGS:

Eagle D-21 Well History Report
Borehole Compensated Sonic Log, Run 1-5
Compensated Neutron Density Log, Run 1 & 2
4-Arm High Resolution Continuous Dipmeter, Run 1-4
Dual Induction-Laterlog, Run 1-5
Micropaleo, Palyn, Geochem, & Source Rock Analysis
Geochemical Evaluation (x-ref 8623-R5-1P)
Micropaleontology & Palynology Summary
Directional Log, Run 1-4
Velocity Survey
Velocity Analysis
Collar Log, Run 1 &2
Formation Tester, Tests 1-9
Compensated Formation Density Log, Run 1
Gamma Ray Neutron Log, Run 1

SAMPLES

Sample Type:	**Interval (m)**	**# of Samples**	**Remarks**
Washed Cuttings	512– 4660	1,025	
Unwashed Cuttings	512 – 4660	1,039	

Sidewall Core	314.5 – 4660	186
Canned Cuttings (dried)		

Slides	**Interval (m)**	**# of Slides**	**Sample Source**
Micropaleo	512 - 4660	146	Cuttings
Micropaleo	1032 - 4628	181	Sidewall Core
Micropaleo	5160 - 4648	114	Cuttings
Palynology	314.5 - 4628	157	Sidewall Core
Palynology	512 - 4660	218	Cuttings
Palynology	1638.6 - 1666.6	8	Core
Nannofossil	512 - 4660	198	Cuttings
Nannofossil	1638.6 - 1666.6	10	Core

Core:	**Interval (m)**	**Recovery (m)**	**# Boxes**
Core #1	1638.6 – 1648.9	30.8	8
Core #2	1648.9 – 1658.4	29.0	8
Core #3	1648.9 – 1667.5	28.7	8

Evangeline H-98

WELL SUMMARY

GENERAL INFORMATION

D #	251
Location	43°17’26.27” N 60°58’48.40” W
Company	Husky / Bow Valley
UWI	300H984320060450
Area	Scotian Shelf
Spud Date	March 27, 1984
Well Term. Date	June 16, 1984
Drilling Rig	Bow Drill II
Water Depth (m)	174
Rotary Table (m)	23.5
Total Depth MD (m)	3365
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)	5044
Well Type	Exploration
Well Status	P&A
Info. Release Date	Released

CASING:

Casing Size x Depth (metric)	**Casing Size x Depth (imperial)**
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 3141.6 m	13 3/8" x 3,141.6'

GEOLOGIC TOPS :	**MD (m)**
Banquereau Fm	In casing
Wyandot Fm	8556.0
Dawson Canyon Fm	2041.5
Petrel Mb	2351.1 - 2371.0
Shortland Shale	2824.0
(Fault)	4023.0
(Top OP)	~4,023.0
(Fault)	4649.0

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
Oil Slick Trajectory and Blowout Analysis

SAMPLES

SAMPLE TYPE	Interval (m)	# of Samples	Remarks
Washed Cuttings	1000 – 5045	792	
Unwashed Cuttings	1000 – 5045	783	
Canned Cuttings (Dried)	1500 – 5040	353	
Slides:			**Sample Source**
Micropaleo slides	995 – 5045	136	cuttings
Micropaleo slides	1000 – 5040	219	company cuttings
Palynology slides	1000 – 4785	472	cuttings
Palynology slides	2380 – 5040	139	sidewall core
Nannofossil slides	1000 – 5045	187	cuttings

Glooscap C-63

Well Summary

GENERAL INFORMATION

D #	D231
Company	Husky Bow Valley et al
Location	43°12'09.83" 62°09'56.75"
UWI	300C634320062000
Area	Scotian Shelf
Spud Date	August 7, 1983
Well Term. Date	January 3, 1984
Drilling Rig	Bow Drill II
Total Depth (m)	4542
Water Depth (m)	99
Rotary Table (m)	22.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	Size x Depth (imperial)
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 2653 m	13 3/8" x 8,704.0'

GEOLOGIC TOPS:

Formation	Depth (m)
Banquereau Fm	957.0 (bottom)
Wyandot Fm	957.0
Dawson Canyon Fm	1107.5
Petrel Mb	1322.9
Shortland Shale	1383.0
Missisauga Fm	2211.5
Roseway Artimon Equiv.	2501.1
Abenaki Fm	2696.0
Baccaro Mb	2696.0
Misaine Mb	3258.0
Scatarie Mb	3345.0
Mohican Fm	3475.5
(Glooscap Volcanics)	3894.0
Argo Fm	4045.5

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

Sample Type	Interval (m)	# of Samples	
Washed Cuttings	320 – 4540	740	
Unwashed Cuttings	320 – 4540	745	
Canned Cuttings (dried)	320 – 4540	423	
Slides			**Sample Source**
Micropaleo	320 – 4540	126	co. cuttings
Micropaleo	320 – 4450	122	cuttings
Palynology	2692 – 4540	96	co. sidewall core
Palynology	320 – 4450	396	company cuttings
Palynology	320 – 4450	120	cuttings
Thin Section	3880 – 4040	21	cuttings
Thin Section	670 - 610	4	core

Mohawk B-93

Well Summary

GENERAL INFORMATION

D #	5
Company	Shell
Location	42°42'10.52" N 64°43'53.50" W
UWI	300B934250064300
Area	Scotian Shelf
Spud Date	May 3, 1970
Well Term. Date	May 23, 1970
Drilling Rig	Sedco H
Total Depth (m)	2126
Water Depth (m)	117
Rotary Table (m)	31.4
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	Size x Depth (imperial)
406 mm x 349.9 m	16" x 1,148'
244 mm x 1063.0 m	9 5/8" x 3,488'

GEOLOGIC TOPS:

Formation	Depth (ft)	Depth (m)
Banquereau Fm	2,012	613.3 (bottom)
(Unconformity)	2,012	613.3
Dawson Canyon Fm	2,012	613.3

Petrel Mb	3,406	1038
Shortland Shale	3,702	1128.4
(unconformity)	4,325	1318.3
Naskapi Mb	4,325	1318.3
Roseway Unit	4,396	1339.9
Mohawk Fm	5,280	1609.3
(granite basement)	6,930	2112.3

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

Sample Type	Interval (m)	# of Samples
Washed Cuttings	362.7 – 2126.0	339
Unwashed Cuttings	362.7 – 2126.0	341
Sidewall Core	472.4 – 2112.3	121
Canned Cuttings (dried)	362.7 – 2126.0	35

Slides	Interval (m)	# of Samples	Sample Source
Micropaleo	502 – 2094.0	31	sidewall core
Micropaleo	472.4 – 2104.0	73	sidewall core
Micropaleo	362.7 – 2118.3	97	cuttings
Palynology	362.7 – 2114.1	105	cuttings
Palynology	472.4 – 1857.4	60	sidewall core
Palynology	699.5 – 1919.6	8	sidewall core

Moheida P-15

Well Summary

GENERAL INFORMATION

D #	168
Company	Petro Canada et al

Location	43°04'56.32" N 62°16'44.33" W
UWI	300P154310062150
Area	Scotian Shelf
Spud Date	November 18, 1976
Well Term. Date	February 15, 1977
Drilling Rig	Sedco H
Total Depth (m)	4298
Water Depth (m)	111.9
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
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’

GEOLOGIC TOPS:

Formation	**Depth ft**	**Depth m**
Banquereau Fm	3618 (bottom)	1102.8 (bottom)
(Unconformity)	3,618	1102.8
Wyandot Fm	3,618	1102.8
Dawson Canyon Fm	3,812	1161.9
Petrel Mb	4,518	1377.1
Logan Canyon Equiv	4,738	1444.1
Missisauga Equiv	7,252	2210.4
Roseway/Artimon?	8,312	2533.5
Abenaki Fm	8,895	2711.2
Baccaro Mb	8,895	2711.2
Misaine Mb	11,040	3365.0
Scatarie Mb	11,289	3440.9
Mohican Fm	11,738	3577.7
Iroquois Facies	12,230	3727.7
(Breakup Unconformity)	13,265	4043.2
Eurydice Fm? (Triassic)	13,265	4043.2

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

Sample Type	Interval (m)	# of Samples
Washed Cuttings	341.4 – 4297.6	1,064
Unwashed Cuttings	341.4 – 4297.6	1,064
Sidewall Core	365.8 – 4261.1	209
Canned Cuttings (dried)	341.4 – 4297.7	411

Slides	Interval (m)	# of Samples	Sample Source
Micropaleo	448.1 – 1935.5	61	sidewall core
Micropaleo	2538.9 – 4297.7	59	cuttings
Palynology	4297.7 – 4261.1	113	cuttings
Palynology	448.0 – 4261.1	149	sidewall core
Palynology	3305.8	1	core
Thin Sections	2561.8 – 3769.2	5	core

Core:	Interval (m)	Recovery (m)
Core #1	2452.1 – 2567.3	2.44
Core #2	3305.5 – 3323.8	4.87
Core #3	3743.8 – 3763.1	16.09

Mohican I-100

Well Summary

GENERAL INFORMATION

D #	74
Company	Shell
Location	42°59'39.04" 62°28'51.32"
UWI	300I004300062150
Area	Scotian Shelf
Spud Date	December 27, 1971

Well Term. Date	March 10, 1972
Drilling Rig	Sedco H
Total Depth (m)	4393
Water Depth (m)	153.3
Rotary Table (m)	29.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (imperial)	**Size x Depth (metric)**
16" x 1,189'	406 mm x 362.4 m
13 3/8 " x 3,231'	340 mm x 984.8 m
9 5/8" x 6,621'	244.5 mm x 2018.4 m

GEOLOGIC TOPS:

Formation	**depth (ft)**	**depth (m)**
Laurentian Fm	4,734	1442.9
(unconformity)	4,734	1442.9
Banquereau Fm	4,734	1442.9
(unconformity)	5,616	1711.7
Logan Canyon Equiv	5,616	1711.7
Missisauga Equiv	7,212	2198.2
Roseway/Artimon Equiv	8,248	2513.9
Abenaki Fm	8,897	2711.8
Baccaro Mb	8,897	2711.8
Misaine Mb	10,920	3328.4
Scatarie Mb	11,290	3441.1
Mohican Fm	11,888	3623.4
Iroquois Fm	12,426	3787.4
(breakup unconformity)	14,064	4286.7
Eurydice Fm	14.064	4286.7
Argo Fm	14,322	4365.3

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

Sample Type	Interval (m)	# of Samples
Washed Cuttings	393.2 – 4370.8	940
Unwashed Cuttings	393.2 – 4370.8	923
Sidewall Core	388.9 – 4390.6	239

Slides	Interval (m)	# of Samples	Sample Source
Micropaleo slides	386.2 – 4353.7	156	sidewall core
Micropaleo slides	386.2 – 4236.7	162	cuttings
Micropaleo slides	2540.8 – 2844.7	14	core
Micropaleo slides	2838.9 – 2845.3	9	core
Palynology slides	388.9 – 2164.1	100	sidewall core
Palynology slides	2179.3 – 4364.7	64	sidewall core
Palynology slides	386.2 – 3602.7	124	cuttings
Palynology slides	987.5 – 1786.1	7	cuttings
Palynology slides	3627.1 – 4236.7	24	cuttings
Palynology slides	1798.3 – 4364.7	25	cuttings
Palynology slides	2524.6 – 4099.6	68	core
Palynology slides	2532.9 – 4145.3	29	co. core
Palynology slides	2536.5	1	cuttings
Thin Section slides	2541.6 – 3982.5	3	core/cuttings
Thin Section slides	2541.7 – 4334.6	10	cuttings
Nannofossil slides	335.3 – 4236.72	7	cuttings

Core:	Interval (m)	Recovery (m)
Core #1	2524.6 – 2532.5	7.8
Core #2	2532.5 – 2541.7	8.8
Core #3	2838.9 – 2848.1	8.9
Core #4	3220.2 – 3229.4	9.1
Core #5	3462.5 – 3470.5	7.0
Core #6	3691.1 – 3700.3	9.0
Core #7	3700.3 – 3968.5	6.8
Core #8	4091.9 – 4101.1	7.6
Core #9	4331.0– 4340.0	7.7

Montagnais I-94

Well Summary

GENERAL INFORMATION

D #	140
Company	Union et al
Location	42°53’40.71”N 64°13’46.51”W
UWI	300I944300064000

Area	Scotian Shelf
Spud Date	September 12, 1974
Well Term. Date	September 29, 1974
Drilling Rig	Sedco H
Total Depth (m)	1945.9 m
Water Depth (m)	112.8 m
Rotary Table (m)	29.9 m
Well Status	P&A
Well Type	Exploratory
Info. Release Date	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 :

Formation	**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	3,128	953.4
volcaniclastics?)	3,511	1070.2
(meguma GP basement)	3,954	1205.2

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

Sample Type	**Interval (m)**	**# of Samples**	**Remarks**
Washed Cuttings	350.5 – 1636.7	336	vials
Unwashed Cuttings	350.5 – 1636.7	335	bags
Sidewall Core	472.4 - 1583.4	44	vials

Canned Cuttings (dried)	923.5 – 1636.7	130	bags

Slides	**Interval (m)**	**# of Samples**	**Sample Source**
Micropaleo	579 – 755.9	84	cuttings
Palynology	341 - 771	24	cuttings
Palynology	472.4 – 1583.4	33	sidewall core

Core:		**Recovery (m)**
Core #1	1608.4 – 1611.4	3.1

Oneida O-25

Well Summary

GENERAL INFORMATION

D #	3
Company	Shell
Location	43°14'57.36" 61°33'36.49"
UWI	300O254320061300
Area	Scotian Shelf
Spud Date	September 1, 1969
Well Term. Date	November 16, 1969
Drilling Rig	Sedneth 1
Total Depth (m)	4120
Water Depth (m)	82.3
Rotary Table (m)	25.9
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
508 mm x 241.1 m	20” x 791’
340 mm x 738.2 m	13 3/8” x 2,422’
244 mm x 2083.6 m	9 5/8” x 6,836’

GEOLOGIC TOPS:

Formation	**Depth (ft)**	**Depth (m)**
Banquereau Fm	4,000 (bottom)	1219.2 (bottom)
Wyandot Fm	4,000	1219.2
Dawson Canyon Fm	4,063	1238.4
Petrel Mb	4,604	1403.3
Logan Canyon Equiv	4,782	1441.1
Naskapi Mb	7,325	2232.6

Missisauga Equiv	8,098	2468.2
Verrill Canyon Fm	8,264	2518.9
Abenaki Fm	9,456	2822.2
Baccaro Mb	9,456	2822.2
Misaine Mb	12,030	3666.7
Scatarie Mb	12,276	3714.7
Mohican Fm	12,680	3864.9

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

Sample Type	Interval (m)	# of Samples
Washed Cuttings	274.3 – 3834.8	984
Unwashed Cuttings	274.3 – 4109.9	1,013
Sidewall Core	288.9 – 4096.5	248

Slides	Interval (m)	# of Samples	Sample Source
Micropaleo	4087.3 – 4096.5	3	sidewall core
Micropaleo	2083.6 – 2095.5	37	soil samples
Micropaleo	274.3 – 4108.7	378	cuttings
Micropaleo	288.9 – 4074.5	200	sidewall core
Palynology	448.1 – 4105.7	139	sidewall core
Palynology	498.3 – 4187.9	100	sidewall core
Palynology	3636.3 – 3767.3	8	cuttings
Palynology	1371.6 – 4108.7	32	cuttings
Palynology	2083.6 – 2096.5	6	soil samples
Palynology	2157.9 – 2877.3	6	co. core
Palynology	2900.2 – 4020.9	17	sidewall core
Palynology	274.3 – 3880.1	130	cuttings
Nannofossil	362.4 – 4096.5	22	sidewall core
Nannofossil	393.2 – 1423.4	44	cuttings

Nannofossil	274.3 – 4108.7	134	cuttings

Penobscot B-41

Well Summary

GENERAL INFORMATION

D #	169
Company	Shell Canada Resources
Location	44°10’02’.44” N 60°06’32.72” W
UWI	300B414420060300
Area	Scotian Shelf
Spud Date	February 18, 1977
Well Term. Date	March 30, 1977
Drilling Rig	Sedco H
Total Depth (m)	3444
Water Depth MD (m)	118
Rotary Table (m)	30
Well Status	P&A
Well Type	Exploratory
Info. Release Date	released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 332.5 m	16” x 1,091’
339 mm x 762.8 m	13 3/8” x 2,502.6’
244 mm x 1805.8 m	9 5/8” x 5,924.6’

GEOLOGIC TOPS

Formation	**Depth (ft)**	**Depth (m)**
Banquereau Fm	2,818 (bottom)	858.9
Wyandot Fm	2,818	858.9
Dawson Canyon Fm	3,175	967.7
Petrel Mb	3,607 – 3,650	1099.4-1112.5
Logan Canyon Fm	3,994	1217.4
Marmora Mb	3,994	1217.4
Sable Mb?	4,742	1445.4
Cree Mb	5,074	1546.5
Naskapi Mb	7,032	2143.3
Missisauga Fm	7,372	2233.3
Missisauga Upper Mb	7,372	2233.3
(“O” Marker)	7,901	2408.2
Missisauga Middle Mb	8,067	2458.2
Missisauga Lower Mb?	1,0415	3174.5

Mic Mac Fm	1,1223	3420.7
(Penobscot Limestone)	1,1223	3420.7

ADDITIONAL REPORTS AND LOGS

Well History Report
Borehole Compensated Sonic Log, Run 1-4
GMA Stratigraphic Modeling System
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-4
Long Spacing Sonic Log, Run 1 & 2
Conventional Core Description & Analysis
Summary Log (Stratigraphic Units, Geochemistry etc.)
Velocity Survey
Velocity Analysis
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-4
Geochemical Report
Master Log (Gas in Cuttings, Drilling Rate etc.)
Master Log (Gas in Cuttings, Drilling Rate etc.)
Weather & Vessel Performance Summary (February)
Weather & Vessel Performance Summary (March)
Weather & Vessel Performance Summary (April)
Velocity Survey – Sonic Log

SAMPLES

Sample Type:	**Interval (m)**	**# of Samples**
Washed Cuttings	535.6 – 3444.2	720
Unwashed Cuttings	535.6 – 3444.2	715
Sidewall Core	381 – 3434.5	107

Slides:	**Interval (m)**	**# of Samples**	**Sample Source**
Micropaleo	353.6 – 2066.5	59	cuttings
Micropaleo	2501.8 – 2508.5	3	core 1
Micropaleo	2644.7 – 2654.2	5	core 2
Micropaleo	2667.9 – 2668.8	2	core 3
Micropaleo	1207.6 – 1209.4	7	sidewall core
Palynology	365.8 – 3418.0	70	sidewall core

Core:	**Interval (m)**	**Recovery (m)**
Core #1	2499.4 – 2517.6	17.4
Core #2	2642.6 – 2660.9	14.3
Core #3	2660.9 – 2670.0	8.2
Core #4	2699.0 – 2702.1	3.05
Core #5		

Penobscot L-30

Well Summary

GENERAL INFORMATION

D #	165
Company	Petro-Canada
Location	44°09'43'.55" N 60°04'09.33" W
UWI	300L304410060000
Area	Scotian Shelf
Spud Date	July 18, 1976
Well Term. Date	September 23, 1976
Drilling Rig	Sedco H
Total Depth (m)	4267
Water Depth MD (m)	137.5
Rotary Table (m)	29.9
Well Status	P&A
Well Type	exploratory
Info. Release Date	released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
406 mm x 349.3 m	16" x 1,146'
339 mm x 930.2 m	13 3/8" x 3,052'
244 mm x 1969.3 m	9 5/8" x 661'

WELL TEST SUMMARY

Type /Test #	**Depth (m)**	**Recovery**	**Flow Rate/ Amount**	**Remarks**
RUN 1				
RFT #1 – RFT #4	2503.9 – 2852	-	-	did not open chamber
RFT #5	2639	gas condensate ester	10 cf 2,800 cc 5,200 cc	
RFT #5A	2639.3	gas condensate	5 cf 3,000 cc	
RFT #6	2701.4	-	-	chamber plugged

RFT #7	2502	oil water	900 cc 8,000 cc	
RFT #8	3080.9	trace oil water	- 3,700 cc	
RFT #9	2700.8	water	9,700 cc	
RFT 10	2798.7	-	-	dry test
RFT 11	2788.6	-	-	did not open chamber
RFT 12	3513	-	-	no seat
RFT #13	2524.3	gas	0.5 cf	
RFT #14	2545.3	oil	100 cc	
RFT #1				

RUN 2

RFT #1	4099.5	-	-	dry test, no permeability
RFT #2	4099.8	-	-	dry test, no permeability

GEOLOGIC TOPS

Formation	**MD (ft)**	**MD (m)**
Banquereau Fm	2,844 (bottom)	866.8
Wyandot Fm	2,844	866.8
Dawson Canyon Fm	3,122	951.6
Petrel Mb	3,554 – 3,593	1083.3 – 1095.1
Logan Canyon Fm	3,881	1182.9
Marmora Mb	3,881	1182.9
Sable Mb?	4,662	1420.9
Cree Mb	4,960	1511.8
Naskapi Mb	7,081	2139.0
Missisauga Fm	7,386	2251.2
Missisauga Upper Mb	7,368	2251.2
(“O”Marker)	7,900	2407.9
Missisauga Lower Mb	10,468	3190.6
Mic Mac Fm	11,169	3404.3
(Penobscot Limestone)	11,169	3404.3

ADDITIONAL REPORTS AND LOGS:

Well History Report
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3

4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
Well History Log (Lithology, Porosity, etc.)
Master Log (Gas in Cuttings, Drilling Rate etc.)
Weather and vessel Performance Summary
Simultaneous Compensated Neutron Formation Density, Run 1-3
Repeat Formation Tester, Run 1 & 2
Repeat Formation Tester, Run 1 & 2
Borehole Compensated Sonic Log, Run 1-4
Directional Log (Computed), Run 1-3
4-Arm High Resolution Continuous Dipmeter (Computed), Run 1-3
Sonic Log, Run 1-4
Saraband (A Sandstone Analysis), Run 3
GMA Stratigraphic Modeling System
Velocity Survey
Dual Induction Laterolog, Run 1-4
Simultaneous Compensated Neutron Formation Density, Run 1-3
Velocity Analysis (Part 1)
Dipmeter Cluster Calculation Listing (Job # 606) – Run 3
Dipmeter Cluster Calculation Listing (Job # 532) – Runs 1, 2, 3

SAMPLES

Sample Type	Interval (m)	# of Samples
Washed Cuttings	374.9 – 4267.2	1,028
Unwashed Cuttings	374.9 – 4267.2	1,027
Sidewall Core	1043.3 – 4071.2	84
Canned Cuttings (dried)	374.9 – 4267.2	425

Slides	Interval (m)	# of Slides	Sample Source
Micropaleo	367.5 – 4267.2	141	cuttings
Palynology	548.6 – 4267.2	136	cuttings
Palynology	34534 – 4054.9	41	core
Palynology	1046.4 – 4145.3	58	sidewall core
Thin Section	3429.6 – 4052.6	2	core

Core	Interval (m)	Recovery (m)
Core #1	3423.2 – 3431.7	8.4
Core #2	4041.0 – 4058.6	9.3

Fluids

Fluid Type	Depth (m)	Test #
Condensate	2480.2	RFT #14
Condensate	2639.3	RFT #5

Shelburne G-29

WELL SUMMARY

GENERAL INFORMATION

D #	280
Company	Pex et al
Location	42°38'26.87" 63°33'33.46"
UWI	300G294240063300
Area	Scotian Slope
Spud Date	March 31, 1985
Well Term. Date	September 16, 1985
Drilling Rig	Sedco 710
Total Depth (m)	4005
Water Depth (m)	1153.5
Rotary Table (m)	25
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
762 mm x 1263.4	30” x 385.1’
508 mm x 1600	20” x 487.7’
340 mm x 2493.7	13 3/8 x 760.1’

GEOLOGIC TOPS :	**Depth (m)**
Banquereau Fm	2612.3 (bottom)
Wyandot Equiv.?	2612.3
Dawson Canyon Fm	3110.0
Petrel Mb?	3194
Shortland Shale	3288
Verrill Canyon Fm	3740
Roseway Equiv.	3985

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
Well Seismic Results (field log)

SAMPLES

Sample Type	Interval (m)	# of Samples	Remarks
Washed Cuttings	1620 – 3990	329	
Unwashed Cuttings	1620 – 3990	474	
Sidewall Core	2520 – 3810	38	
Canned Cuttings (dried)	1625 – 3985	238	

Slides	Interval (m)	# of Samples	Sample Source
Micropaleo	1620 – 3990	80	cuttings
Palynology	1620 – 3990	116	cuttings

Shubenacadie H-100

Well Summary

GENERAL INFORMATION

D #	219
Location	42°49’28.43” N 61°28’42.81” W
Company	Shell et al
UWI	300H004250061150
Area	Scotian Slope
Spud Date	November 5, 1982
Well Term. Date	February 12, 1983
Drilling Rig	Sedco 709
Water Depth (m)	1476.5
Rotary Table (m)	24.1
Total Depth MD (m)	4200
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Casing Size x Depth	Casing Size x Depth (imperial)

(metric)

762 mm x 1519.9 m	30” x 4,987’
508 mm x 2107.4 m	20” x 6,913’
333 mm x 2583.2 m	13” x 8,474’
244 mm x 3476.9 m	9 5/8” x 11,407’

GEOLOGIC TOPS :

Formation	**MD (m)**
Banquereau Fm	3784 (bottom)
(?Miocene/Eocene Unconformity)	3059
(turbidite fan)	?3436
?Dawson Canyon Fm	3784
Shortland Shale	3996

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
Meteorological Analysis Report

SAMPLES

Sample Type	**Interval (m)**	**# of Samples**	**Remarks**
Washed Cuttings	2145 – 4200	237	
Unwashed Cuttings	2145 – 4200	505	
Canned Cuttings (Dried)	2150 – 4200	205	

Slides:	**Interval (m)**	**# of Samples**	**Sample Source**
Micropaleo	2145 – 4200	51	cuttings
Micropaleo	2165 – 4200	67	co. cuttings
Palynology	2589.5 – 4195.0	150	sidewall core
Thin Section	3150 – 3543	2	core
Thin Section	2930	1	core

Thin Section	2960	1	core

Core:	**Interval (m)**	**Recovery (m)**
Core #1		no recovery
Core #2	3243.4 – 3261.0	3.9
Core #3	3554.6 – 3572.9	2.0
Core #4	3650.3 – 3659.0	6.8

Torbrook C-15

WELL SUMMARY

GENERAL INFORMATION

D #	383
Company	EnCana Corporation
Location	62°17'35.64" 42°34'02.60"
UWI	300C154240062150
Area	Scotian Slope
Spud Date	November 16, 2002
Well Term. Date	January 14, 2003
Drilling Rig	Eric Raude
Total Depth (m)	3600
Water Depth (m)	1674.5
Rotary Table (m)	25
Well Status	P&A
Well Type	Exploratory
Info. Release Date	Released

CASING:

Size x Depth (metric)	**Size x Depth (imperial)**
914 mm x 1776.5 m	36" x 5,828
508 mm x 2621.4 m	20" x 8,600'

***GEOLOGIC TOPS :**	**Depth (m)**
Tertiary 34	2905
Tertiary 33 (unconformity)	3020
Tertiary 30 (unconformity)	3245
Tertiary 20 (unconformity)	3600

*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

Sample Type	Interval (m)	# of Samples
Washed Cuttings	2655 – 3600	190
Unwashed Cuttings	2655 – 3600	190

3. Released Sample Reports

Report #	*Year*	*Title*
SR1993-4	1993	Oil Correlation Summary with Appendix B-Ion Chromatograms for Representative Oils from the NS Basin. (Cohasset D-42, Penobscot L-30 Venture B-52, Alma F-67, Alma K-85)
SR1999-1	1999	Organic Carbon and Rock-Eval Pyrolysis Data (Alma F-67, Evangeline H-98, Shubenacadie H-100, Shelburne G-29, Tantallon M-41)
SR1989-2	1989	Biostratigraphy (Foraminifera and Ostracoda) and Depositional Environments of the Shelburne G-29 Well (Contact GSC Atlantic, report no. BAS-PAL)
SR1988-4	1988	Mesozoic-Cenozoic Foraminiferal, Ostracod and Calpionellid Zonation of the North Atlantic Margin of North America: Georges Bank-Scotian Basins and Northeastern Grand Banks Biostratigraphic Correlation of 51 Wells GSC Open File # 1791 (including Mohawk B-93, Mohican I-100, Naskapi N-30, Moheida P-15, Acadia K-62, Oneida O-25, Demascota G-32, Cree E-35, Cohasset P-52, Onondaga E-84, Glenelg J-48, Migrant N-20, Thebaud I-94, Penobscot L-30, Intrepid L-80, Sable Island C-67, Olympia A-12, Abenaki J-56, South Venture O-59, Venture B-43, Venture B-13, Uniacke G-72, Citnalta I-59, MicMac H-86, Wyandot E-53, Primrose A-41, Primrose N-50, Primrose F-41, Sauk A-57, West Esperanto B-78, Louisburg J-47, Jason C-20, South Griffin J-13, Dauntless D-35)
SR1994-2	1994	Vitrinite Reflectance of Dispersed Organics from Thirteen Scotian Shelf Wells GSC Open File #3115. (Bluenose 2G-47, Citadel H-52, Eagle D-21, Intrepid L-80, Merigomish C-52, N. Triumph B-52, Onondaga B-96, Sable Island C-67, South Desbarres O-76, South Venture O-59, Thebaud I-93, Venture D-23, Wenonah J-75)
SR1994-1	1994	Vitrinite Reflectance of Dispersed Organics from Eleven Scotian Shelf Wells GSC Open File #2902. (Abenaki J-56, Alma F-67, Cohasset D-42, Cohasset L-97, Demascota G-32, N. Triumph B-52, N. Triumph G-43, Penobscot L-30, Uniacke G-72, Venture B-52, Venture H-22)
SR1979-1	1979	Palynological Zonation and Correlation of Sixty-seven Wells, Eastern Canada (including Argo F-38, Bluenose G-47, Cohasset D-42, Cree E-35, Dauntless D-35, Esperanto K-78, Eurydice P-36, Fox I-22, Hercules G-15, Iroquois J-17, MicMac J-77, Missisauga H-54, Mohawk B-93, Mohican I-100, Naskapi N-30, Ojibwa E-07, Oneida O-25, Primrose A-41, Primrose 1a A-41, Sable Island C-67, Sauk A-57, Triumph P-50, Wyandot E-53)

Report #	*Year*	*Title*
SR1999-2	1999	Eastern Canada Margin Oil Study (Alma K-85, Alma F-67, Glenelg E-58, Glenelg J-48, Glenelg J-49, Chebucto K-90, N. Triumph G-43, Panuke PP1, Panuke B-90, Intrepid L-80, Cohasset CP6B, Cohasset CP3A, Cohasset CP9, Cohasset CP4, Cohasset CP6, Cohasset D-42, Cohasset A-52, Balmoral M-32, Thebaud I-93 Thebaud C-74, South Sable B-44, Thebaud I-94, Thebaud P-84, Cohasset L-97, Sable Island O-47, Sable Island E-48, Sable Island H-58, Sable Island 2h-58, Sable Island 3H-58, S. Venture O-59, Primrose N-50, Primrose A-41, Olympia O-51, W. Venture C-62, Olympia A-12, Venture B-52, Venture H-22, Venture B-43, Arcadia J-16, Bluenose 2G-47, Citnalta I-59, Penobscot L-30, Banquereau C-21, Uniacke G-72)
SR2002-4	2003	Sequence Stratigraphy and Chronostratigraphic correlation of Six Wells Offshore Nova Scotia (Evangeline H-98, Shubenacadie H-100, Tantallon M-41, Albatross B-13, Shelburne G-29, Alma F-67)
SR2004-2	2008	Scotian Shelf Oolite Study - Potential Oolitic Sand Play of the Scotian Shelf (Acadia K-62, Albatross vB-13, Bonnet P-23, Como P-21, Panuke B-90, Panuke F-09)
SR2000-13	2001	Dielectric Constant Measurements of wells Thebaud I-93, Thebaud I-94, Shubenacadie H-100, Evangeline H-98, Shelburne G-29, and Tantallon M-41
SR1999-5	1999	Geochemical Analysis of Well Cuttings from the Albatross B-13, Abenaki J-56 and Evangeline H-98 wells, Scotian Basin
SR2000-12	2001	Biostratigraphy of the Interval 2150 – 4200m TD Shell Shubenacadie H-100
SR2005-1	2006	Cretaceous to Miocene Benthic foraminifera from the Scotian Shelf and Slope Wells Cohasset A-52 and Shubenacadie H-100 (poster)
SR2006-2	2006	A Stratigraphic Reconstruction of Bulk Volatile Chemistry from Fluid Inclusions in Mohawk B-93 and Bonnet P-23
SR2000-14	2001	Geochemical analyses of selected samples for 11 wells, Fluid Inclusion Data, Geochem-TOC & Tock Eval (Glooscap C-63, Glenelg J-48, W. Chebucto K-20, Tantallon M-41, s. Griffin J-13, Dauntless D-35, Mohican I-100, Glooscap C-63, Iroquois J-17, Argo F-38, Adventure F-80)
SR1997-3	1997	Palynological Study of Selected Samples from 6 Wells in the Scotian Shelf Area (Evangeline H-98, Glenelg E-58, Tantallon M-41, Alma F-67, Chebucto K-90, and West Chebucto K-20)

Report #	*Year*	*Title*
SR1999-7	2000	Frontier Reservoirs of the North Atlantic Margin (Acadia K-62, Albatross B-13, Alma K-85, Citadel H-52, Cohasset CP 6A P-51, Dauntless D-35, Demascota G-32, S. Desbarres O-76 Evangeline H-98, Glenelg E-58, Glenelg E-58A, Glenelg J-48, Glenelg J-48A, Hercules G-15, Louisbourg J-47, MicMac D-89, MicMac H-86, Moheida P-15, Mohican I-100, Naskapi N-30, N. Triumph G-43, Oneida O-25, Onondaga B-94, Panuke B-90, Penobscot B-41, Peskowesk A-99, Primrose A-41, Sable Island 3H-58, Shubenacadie H-100, SW Banquereau F-34, Tantallon M-41, Thebaud I-93, Venture B-43, Venture B-52, W. Chebucto K-20, W. Olympia O-51)
SR2010-6	2010	Final Report on Hydrocarbon Fluid Inclusion study in the Argo Salt of Glooscap C-63 and Weymouth A-45 wells, Offshore Scotian Margin
SR1991-5	1991	Implications of apatite fission track analysis for the thermal history of the Scotian Basin offshore Nova Scotia, Canada (Thebaud I-94, West Olympia O-51, Cohasset A-52, Merigomish C-52, Kegeshook G-67, Eagle D-21)
SR2005-6	2006	Evaluation of the petroleum systems by 1D and 2D numerical modelling and geochemical analysis in the area of most recent exploration wells on the Deepwater Scotian Slope, Offshore Nova Scotia.
SR1994-4	1994	Organic Petrography and Kinetics of Limestone and Shale Source Rocks in Wells Adjacent to Sable Island, Nova Scotia and the Interpretation on Oil-Oil or Oil-Source Rock Correlation and Basin Modeling (Abenaki J-56, Cohasset D-42, Cohasset L-97, Demascota G-32, Penobscot L-30, Uniacke G-72, Alma F-67, Chebucto K-90, Glenelg J-48, N. Triumph B-52, N. Triumph G-43, South Desbarres O-76, Venture B-43, Venture B-52, Venture H-22, West Chebucto K-20)
SR1991-2	1991	Characterization and Maturation of Selected Cretaceous and Jurassic Source Rocks and Crude Oil, Scotian Shelf
SR1989-1	1989	Cretaceous Organic Facies and Oil Occurrence Scotian Shelf
SR2008-2	2011	Contributions to the ichnology and ichnofabrics of Deep Marine Systems, (PhD Thesis)
SR2001-3	2001	High Resolution Biostratigraphy of Seven Scotian Shelf Wells: A New Framework for Regional Chronostratigraphy and Depositional Environments. (Bonnet P-23, Mohawk B-93, Shelburne G-29, Albatross B-13, Acadia K-62, Shubenacadie H-100, Tantallon M-41)

Report #	*Year*	*Title*
SR2011-5	2012	Origin and Significance of Clay minerals in Mesozoic Shales of the Scotian Basin (MSc Thesis) (Alma F-67, Chebucto K-90, Cohasset A-52, Como P-21, Glenelg J-48, Hercules G-15, Mohican I-100, Naskapi N-30, North Banquereau I-13, Panuke B-90, Peskowesk A-99, Sable Island C-67, South Desbarres O-76, Thebaud C-74, Thebaud I-93)
SR2003-4 x-ref SR2002-11	2004	High Resolution Chronostratigraphy and Depositional Environments of Five Wells, Scotian Shelf, Offshore Eastern Canada Phase III (Glenelg J-48, Eagle D-21, South Venture O-59, Tuscarora D-61, South Griffin J-13)
SR2011-6	2012	TOC and REval data (Panuke M-79, Moheida P-15, Penobscot L-30, Demascota G-35)
SR2001-7	2001	Rock Eval Data (Acadia K-62, Adventure F-80, Erie D-26, Como P-21, Dover A-43, Demascota G-32, Eagle D-21, Primrose A-41)
SR2001-20	2002	Eagle D-21 Biostratigraphy and Correlation of the Paleocene to Hauterivian Section (vol I) Glenelg H-38 and West Chebucto K-20, Scotian Shelf Wells, Offshore Eastern Canada (vol II)
SR1993-3	1993	A maturation framework for Jurassic sediments in the Sable Subbasin, offshore Nova Scotia (Eagle C-21, Venture D-23, Glenelg J-48, Venture D-23, Glenelg J-48) (Publication: Bulletin of Canadian Petroleum Geology Vol 41, No 2 (June 1993) P244-257)

4. Geophysical Data – Report Descriptions

Program #	*Parcel*	*Year*	*KM*	*Title*
NS24-G005-008P	1, 2, 5-7	2003	1920.08	**Mamou 2D** Marine Seismic Survey Offshore Nova Scotia, Canada
NS24-G005-008P	5	2003	738.99 km²	**Mamou 3D** Marine Seismic Survey Offshore Nova Scotia, Canada
NS24-G075-003P	1-7	2003	3356.62	Ultra Deep 2D Seismic – Nova SPAN Scotian Shelf & Slope
NS24-T063-004P	1-6	2003	9989.03	2D Seismic Reflection Survey Southwest Scotian Shelf and Slope
NS24-G005-007P	8	2002	2582.78	2-D Seismic Reflection Survey Sable Island Area
NS24-G005-004P	8	2001	1875.20	Final Report of Seismic Data Processing and Acquisition of 2D South Wales
NS24-P003-004E	2-5	2001	1138.9 km²	Barrington 3D Acquisition & 3D Seismic Survey Weymouth 3D Acquisition & 3D Seismic Survey
NS24-S006-001E,002E	7	2001	14088.30 km²	3D Thrumcap Survey Geophysical Report
NS24-W030-001P	6-8	2001	10686.04	2D Multi-client Survey 329158: Sable Island East Coast Canada
NS24-G005-002P	2-7	2000	9679.43	Non-Exclusive Seismic Survey, Barrington 1999 (2D) **x-ref NS24-G005-001P**
NS24-P003-002E	7	2000	369.57 km²	3D Marine Geophysical Survey, Torbrook
NS24-P003-003E	8	2000	2833.73	2D Marine Survey, The Dales, Scotian Shelf
NS24-W013-003P	4	2000	158.22 km²	Nova Scotia 2000 3D Seismic Survey
NS24-G065-001P	1-7	1999	25006.38	2D Deep Water Scotian Shelf
NS24-M003-010E	9	1999	551.7 km²	Intrepid Marine 3D Seismic Survey Program 1999
NS24-W013-002P	4	1999	4163.9 km²	Nova Scotia 2000 3D Seismic Survey
NS24-G005-001P	1-3, 6, 7	1998	14772.23	Non-Exclusive Seismic Survey, CA 1998 & Barrington 1998 (2D) **x-ref NS24-G005-002P**

Program #	*Parcel*	*Year*	*KM*	*Title*
NS24-G026-001P	1-7	1998	7107.80	1998 2D Marine Seismic Scotian Shelf, South of Sable
NS24-M003-007E	8, 9	1998	1440 km²	Geophysical Final Report for 3D Marine Seismic Survey Program (Marmora, South Sable & Arcadia)
NS24-W013-001P	4-7	1998	11587.00	Project Final Report — East Canada 2D Spec. Program
NS24-M003-006E	9	1997	1100 km²	Geophysical Report for 1997 (North Triumph 3D), Geophysical Report for 1997 (Alma, 3D), Geophysical Report for 1997 (EL 2356 Seismic Program, 3D)
NS24-M003-003E	9	1996	262.77 km²	Canada-Nova Scotia Sable Area 3D Ocean Bottom Cable Reflection Program 1996 (Venture)
NS24-N011-001E	8	1992	1691.10	Final Report on the 3D Seismic Survey on Penobscot E. L. 2353, Offshore Nova Scotia
Lithoprobe 1989	1	1989	567.03	Scotian Shelf Area Deep Seismic Reflection Survey – Contact **GSC (Atlantic)**
Hudson 88-020	4	1988	--	Scotian Shelf Combined Geophysical Survey Investigation Of A Deep Basement Structure Underlying The Montagnais Well Site - **GSC (Atlantic)**
Lithoprobe 1988	5-7	1988	--	Scotian Shelf Area Deep Seismic Reflection Survey – **GSC (Atlantic)**
8624-P028-073E	8	1986	1198.08	1985 Marine Reflection Seismic, Gravity & Magnetic Survey, North Sable Area
8620-H006-009E	9	1985	821.65	Chebucto-Sable Island Survey Type-Reflection Marine Seismograph **x-ref 8624-H006-010E**
8620-N011-001E	8	1985	2639.38	Final Report of Marine Seismic For Nova Scotia Resources on Scotian Shelf, Sable Island
8624-H006-010E	9	1985	2684.79	Reflection Marine Seismograph, South Sable 3D Survey , Chebucto Area

Program #	*Parcel*	*Year*	*KM*	*Title*
8624-P028-071E	6, 7	1985	1295.00	Geophysical Program Report of Air, Gun Marine Reflection Seismic, Gravity & Magnetic Survey-Mohican Basin Area
8624-P028-074E	1, 3	1985	1078.63	Geophysical Program Report Of Air Gun Reflection Seismic Program And Gravity And Magnetic Survey Georges Bank Area 1985
8624-S006-047E	2	1985	167.63	Final Report on 1985 Seismic Acquisition, Nova Scotia Slope
8624-S006-048E	8	1985	1930.00	Final Report on 1985 Seismic Acquisition, Nova Scotia Shelf
8624-W013-004P	1-3	1985	647.23	Maritimes Offshore West Phase V - George's Bank
8624-W013-005P	1-7	1985	2057.29	Final Report Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1985
8620-H006-008E	9	1984	637.00	1984 Beausejour & Gully Chebucto Survey Type Reflection Marine Seismograph
8624-J013-001P	1	1984	5711.00	George's Bank Spec Survey (4,170 km Canadian)
8624-M003-049E	8, 9	1984	2456.45	1984 Marine Seismic Survey, Sable Island Area
8624-S006-042E	3	1984	674	Reflection Seismic Final Report, Nova Scotia Offshore Slope, Panasonic and Brown's Bank Areas - Panasonic and Brown's Bank Areas
8624-S006-043E	8, 9	1984	2556.40	Final Report on 1984 Seismic Nova Scotia Shelf, North and South Sable Areas
8624-W013-002P	8, 9	1984	1103.50	1984 Marine Speculative Survey, Sable Island
NS24-E040-001E	9	1984	585 km²	Marine 3D Seismic Reflection Survey – Eagle/Chebucto
8620-H006-007E	7, 9	1983	2428.08	South Sable Island E.A. 146 Scotian Shelf Report on March-May 1983 Seismic Program

Program #	*Parcel*	*Year*	*KM*	*Title*
8620-J008-001E,002E	7-9	1983	4693.48	Report on the Geophysical Survey, ICG Parks Offshore Exploration Partnership 1982-83 East & West Sable Island Areas
8620-S014-006E	5 - 9	1983	13239.85	Marine Reflection Seismic Survey Over the Scotian Shelf Area (Including West Slope Area, West Banquereau, East Banquereau, Sable, and Scotia Basin)
8624-B011-004E	9	1983	1094.68	Deep Reflection Seismic Program, Sable Regional
8624-C055-004E	3	1983	572.00	1983 Seismic Reflection Survey , Yarmouth Block (E.A. 262)
8624-H006-004E	9	1983	448.43	Geophysical Survey, Chebucto Block (E.A. 781-004), Scotian Shelf
8624-M003-047E	9	1983	1252.28	1983 2D Marine Seismic Survey, East Sable Island Area
8624-P028-060E	1, 3, 4	1983	573.43	1983 Marine Reflection Seismic, Gravity & Magnetic Survey, Bonnet Prospect
8624-S006-036E	2, 3	1983	686.03	Reflection Seismic in Brown's Bank, South Acadia and Mira Bay Areas
8624-S006-037E	7-9	1983	3750.14	Reflection Seismic in Hawkeye, Mulgrave, Lunenburg, Glenelg and Triumph Areas
8624-W013-001P	1-3, 5-7	1983	3910.21	Final Report on Marine Seismic Survey of East Coast Canada, Nova Scotia Area 1983
8620-H006-001E,006E	5-7	1982	1405.61	Mohican Block E.A. 781-005 Scotian Shelf Report On 1982 Seismic Program
8620-H006-002E	9	1982	808.88	Chebucto E.A. 781-004 Scotian Shelf Report on 1982 Seismic Program
8620-H006-003E	3	1982	634.85	Geophysical Survey Yarmouth Block, Scotia Shelf
8624-M003-044E	9	1982	1421.88	2D Marine Geophysical Survey, Sable Island Area x-ref 8624-M3-45E
8624-P028-034E,051E	1-4	1982	1684.13	Marine Reflection Seismic, Gravity & Magnetic Survey, Western Scotian Shelf
8624-P028-049E	5-7	1982	2024.13	Final Report-Mohican Basin, Scotian Shelf

Program #	*Parcel*	*Year*	*KM*	*Title*
8624-P028-050E	5	1982	443.90	1982 Marine Reflection Seismic, Gravity & Magnetic Survey, Albatross
8624-S006-032E	1-7	1982	5716.72	Reflection Seismic Program, Brown's Bank, Medway, South Acadia, Mira Bay, Glace Bay, Tor Bay and Python Areas on the Slope
8624-S006-033E	8, 9	1982	4832.36	Reflection Seismic Final Report, North and South Sable Areas
GSC Open File 978	1, 3	1982	--	Seismic Reflection Survey Georges Bank/Scotian Shelf - Geological Survey Of Canada (Atlantic) GEO-NAUTICS
8624-O011-001E	5, 6	1981	832.00	1981 Final Geophysical Report, Scotian Shelf Seismic Program
8624-S006-025E,026E	2, 3, 7	1981	1126.07	Final Reflection Seismic Report on Western Slope and South Acadia Areas
8624-S006-027E	7-9	1981	2353.00	Reflection Seismic Program in South Sable Area, Offshore Nova Scotia **x-ref 8624-S006-023E**
8624-S006-028E,031E	7	1981	2447.87	Reflection Seismic Progress Report, South Acadia, Panasonic, E. Panasonic and Python
8624-M003-035E	8, 9	1980	1527.29	1980 Marine Geophysical Survey, Sable Island Area
8624-S006-023E	8, 9	1980	3003.00	Reflection Seismic Report, North and South Sable Area, Offshore Nova Scotia **x-ref 8624-S6-27E**
U.S. East Coast	1, 3, 4	1980	--	Seismic Reflection Survey Us Atlantic Shelf/Georges Bank/Scotian Shelf/Scotian Slope - U.S.G.S.
8624-M003-033E	9	1979	1261.63	Marine Seismic Report, Sable Island Area
BGR 1979	1-4	1979	3284.16	Seismic Reflection Survey Scotian Shelf/Scotian Slope/Georges Bank Contact BGR
8624-P028-002E	2, 3	1978	1117.05	Final Report on Marine Geophysical Survey, Shelburne

Program #	*Parcel*	*Year*	*KM*	*Title*
8624-T021-004E	5	1978	251.48	Final Report, Shelburne
8624-P028-001E	2, 3, 6	1977	394.45	Marine Geophysical Survey, Western Shelf, Albatross
8624-D001-006P	1	1975	18552.60	1975 Atlantic Ocean Group Seismic Survey
8624-M003-025E	8	1975	345.03	Geophysical Report, Sable Island
8620-M003-022E	9	1974	523.02	Geophysical Survey on Citnalta, Intrepid and Venture Prospects
8620-M003-023E	7	1974	400.71	Geophysical Report, South Sable Area
8624-D001-005P	3, 4	1974	10704.5	1974 Atlantic Ocean Seismic Survey - Georges Bank
8624-S006-012E	1-4, 6, 7	1973	8548.60	1973 Geophysical Report, Onondaga, Oneida, Wenonah, Hawkeye, Dolphin & Carbonate Edge
8620-S006-002E	3	1972	9248.64	Geophysical Survey on Scotian Slope, South West Sable Island, Eagle, Primrose **x-ref 8620-S6-9E, 8624-S6-9E**
8620-S006-009E	1-7, 9	1972	9248.64	Geophysical Survey on Scotian Slope, South West Sable Island, Eagle, Primrose **x-ref 8620-S6-2E, 8624-S6-9E**
8620-S024-001P	4-7	1972	5857.77	1972 East Coast Marine Participation Survey Offshore Nova Scotia and Newfoundland (Grand Banks)
8624-C020-001E	3	1972	5259.19	Report on Seismograph Survey, Nova Scotia Shelf
8624-M003-011E	7	1972	1308.86	1972 Geophysical Report, South Sable Island
8620-C015-001P	2-6	1971	5231.06	1971 East Coast Marine Seismic Participation Survey, Labrador Shelf and Scotian Shelf
8620-C020-001E,002E	3-7	1971	6536.90	Report on Seismic, Gravity, & Magnetic Survey, Scotian Shelf Area

Program #	*Parcel*	*Year*	*KM*	*Title*
8624-M003-004E	9	1971	1786.32	Geophysical Report in the Sable, South Sable and Banquereau Areas
8624-S006-008E	1-5, 7	1971	9116.68	1971 Geophysical Report, Scotian Shelf - Chippewa, Huron, Mohican And Sauk Areas
8620-T007-003E	1, 3	1970	2568.29	Marine Geophysical Survey George's Bank Project 1970, Progress Report 3 **ex-ref 8620-T007-005E**
8624-C015-002P,003P,004P	3-7	1970	4443.03	1970 East Coast Marine Seismic Participation Survey, Gulf of St. Lawrence, NFLD, and Nova Scotia Shelf
8624-S006-005E,006E	2-8	1970	15405.82	1970 Geophysical Report, Scotia Shelf, Wyandot, Ojibwa, Abenaki, Iroquois, Huron, Cree And Argo Areas
8624-T007-005E	1, 3	1969	--	George's Bank **ex-ref 8620-T007-003E**

5. Program Location Maps

Figure 01: Location Map for 8620-C015-001P

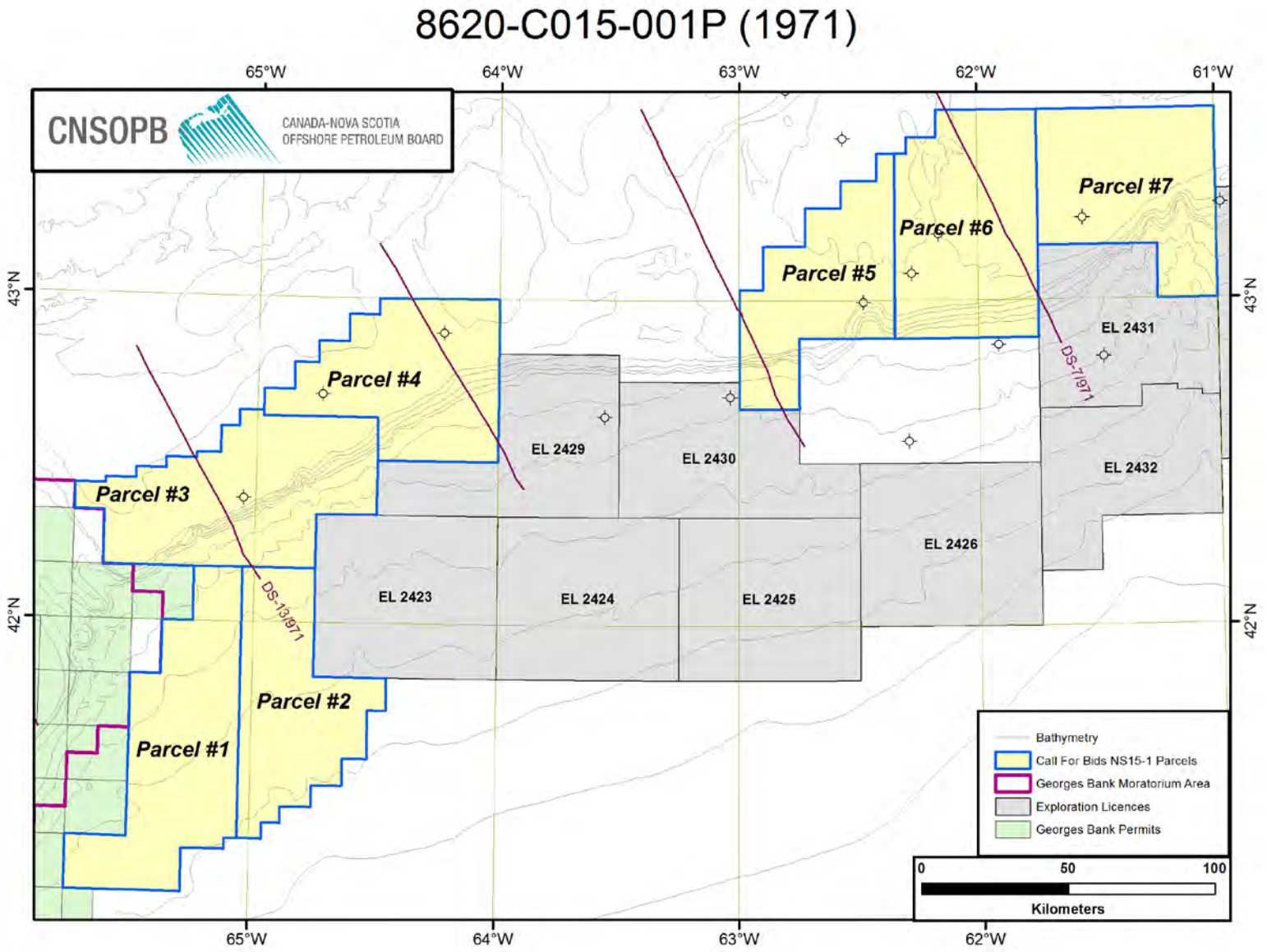


Figure 02: Location Map for 8620-H006-001E,006E

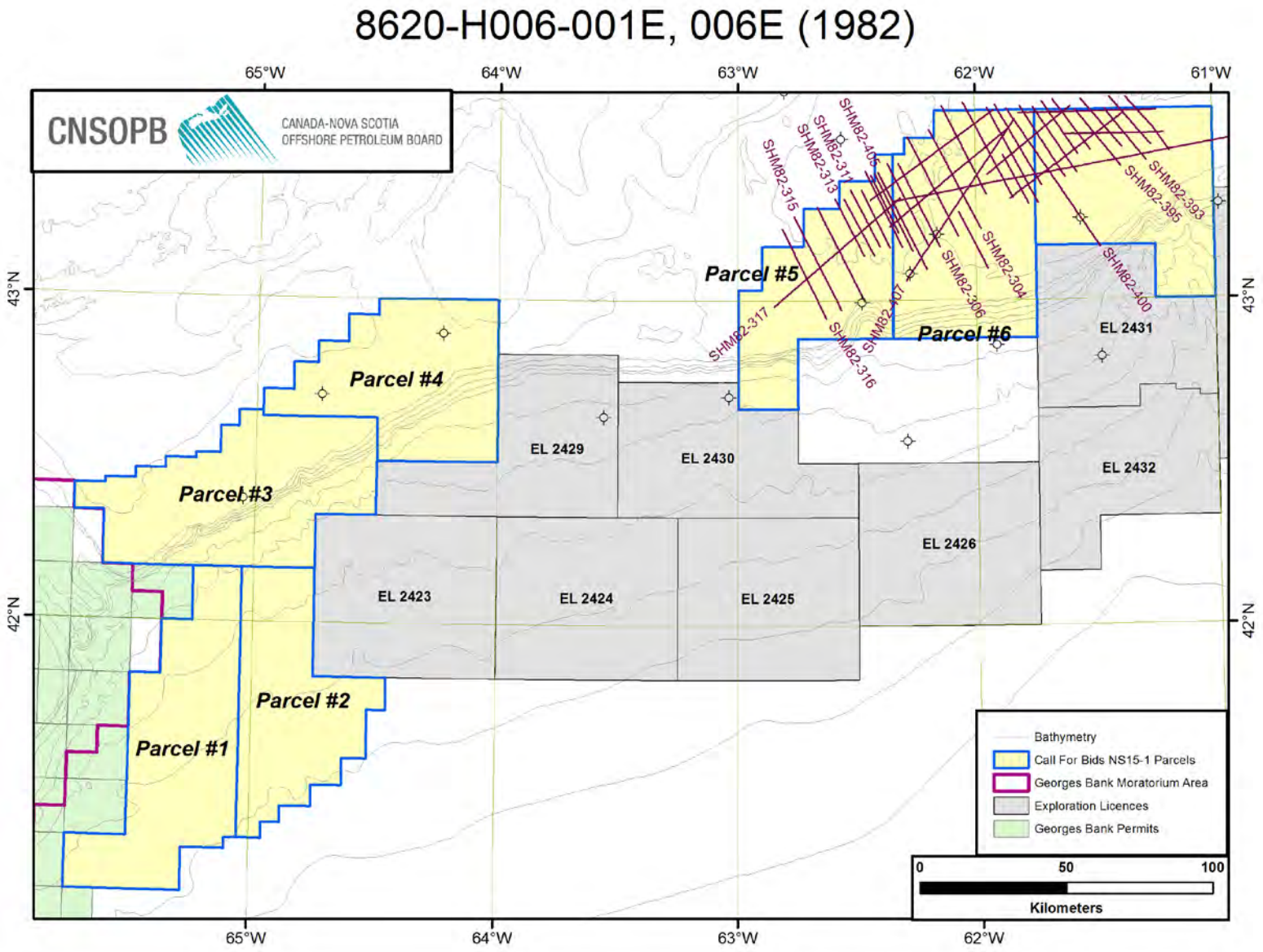


Figure 03: Location Map for 8620-H006-003E

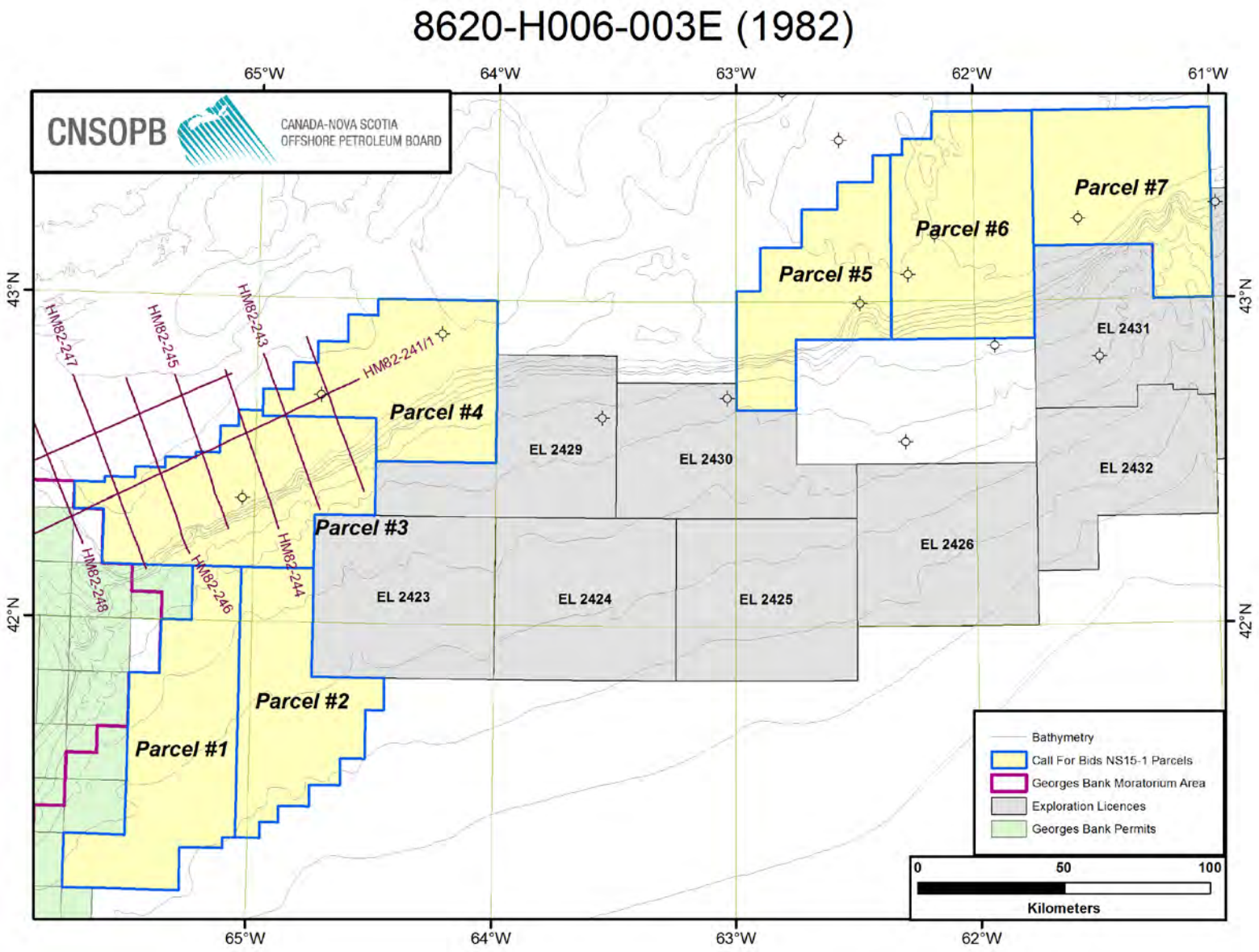


Figure 04: Location Map for 8620-J008-001E

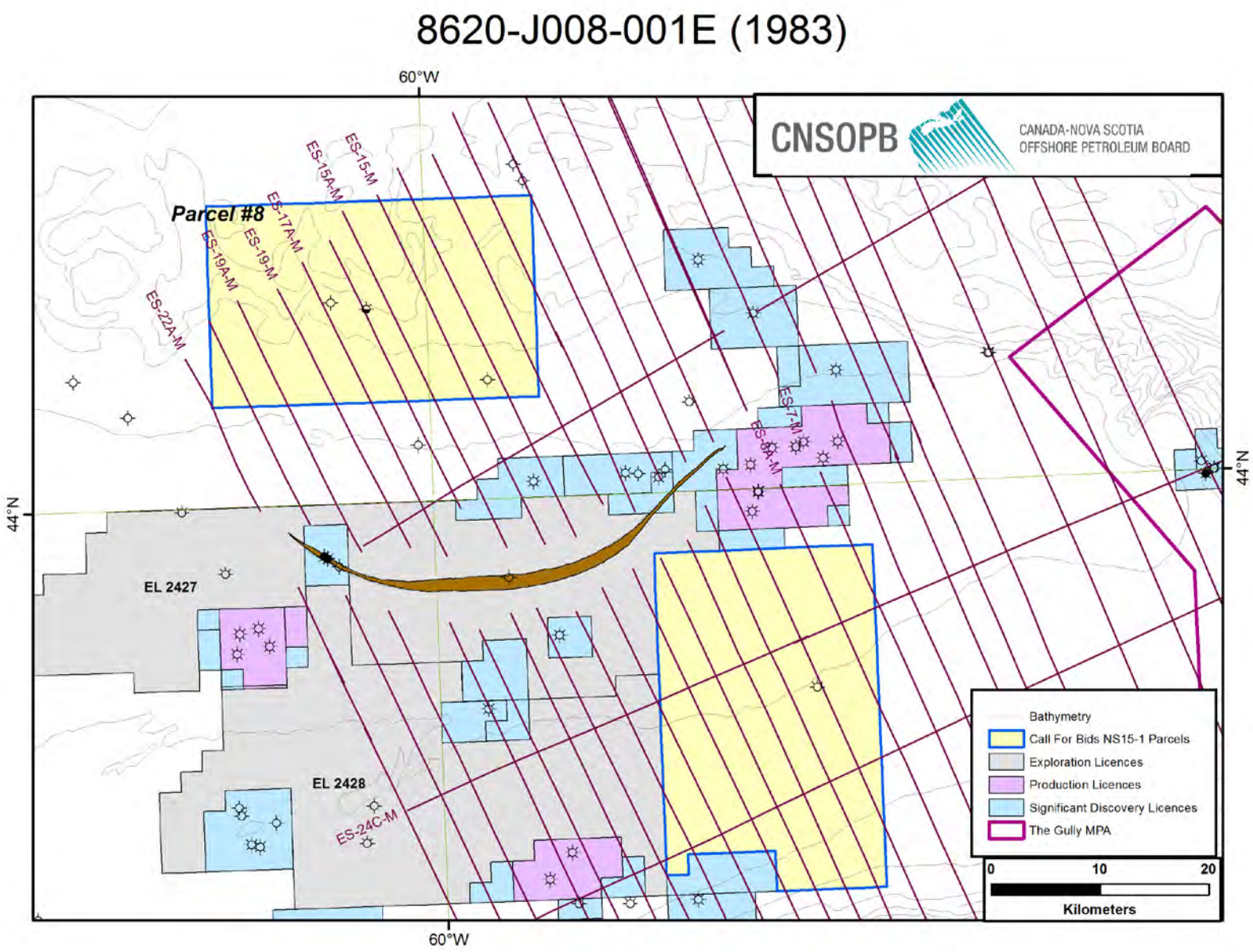


Figure 05: Location Map for 8620-N011-001E

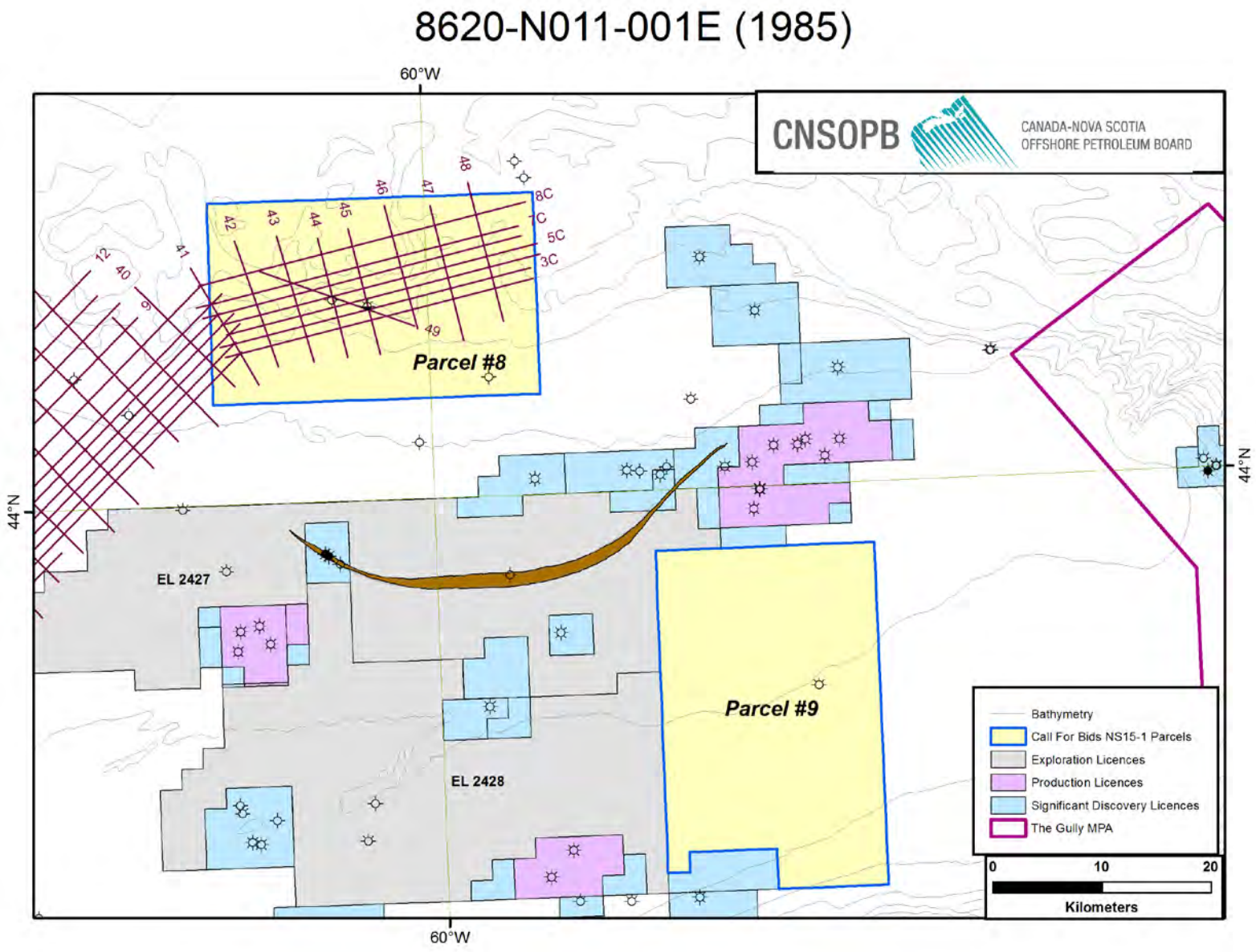


Figure 06: Location Map for 8620-S006-002E

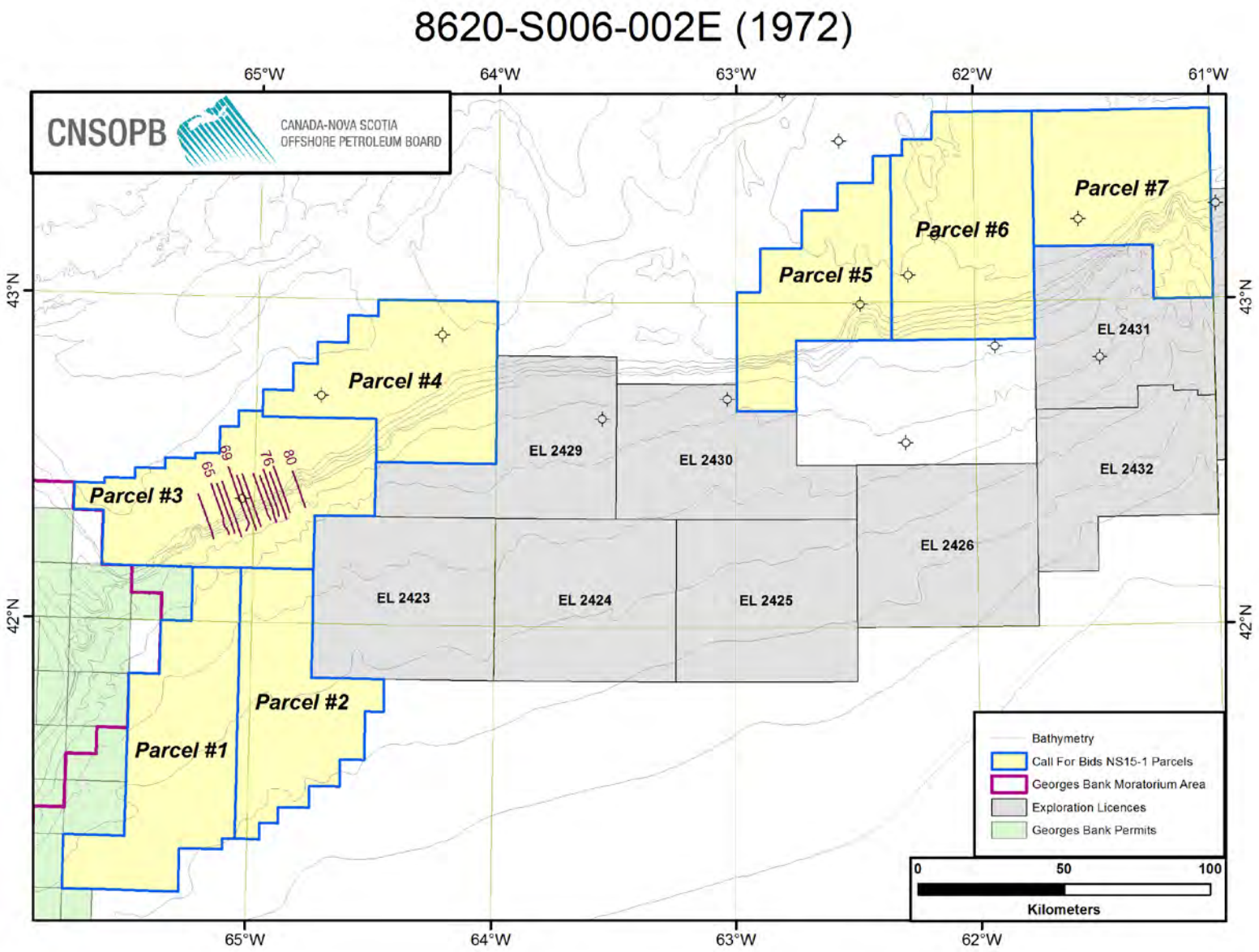


Figure 07: Location Map for 8620-S006-009E

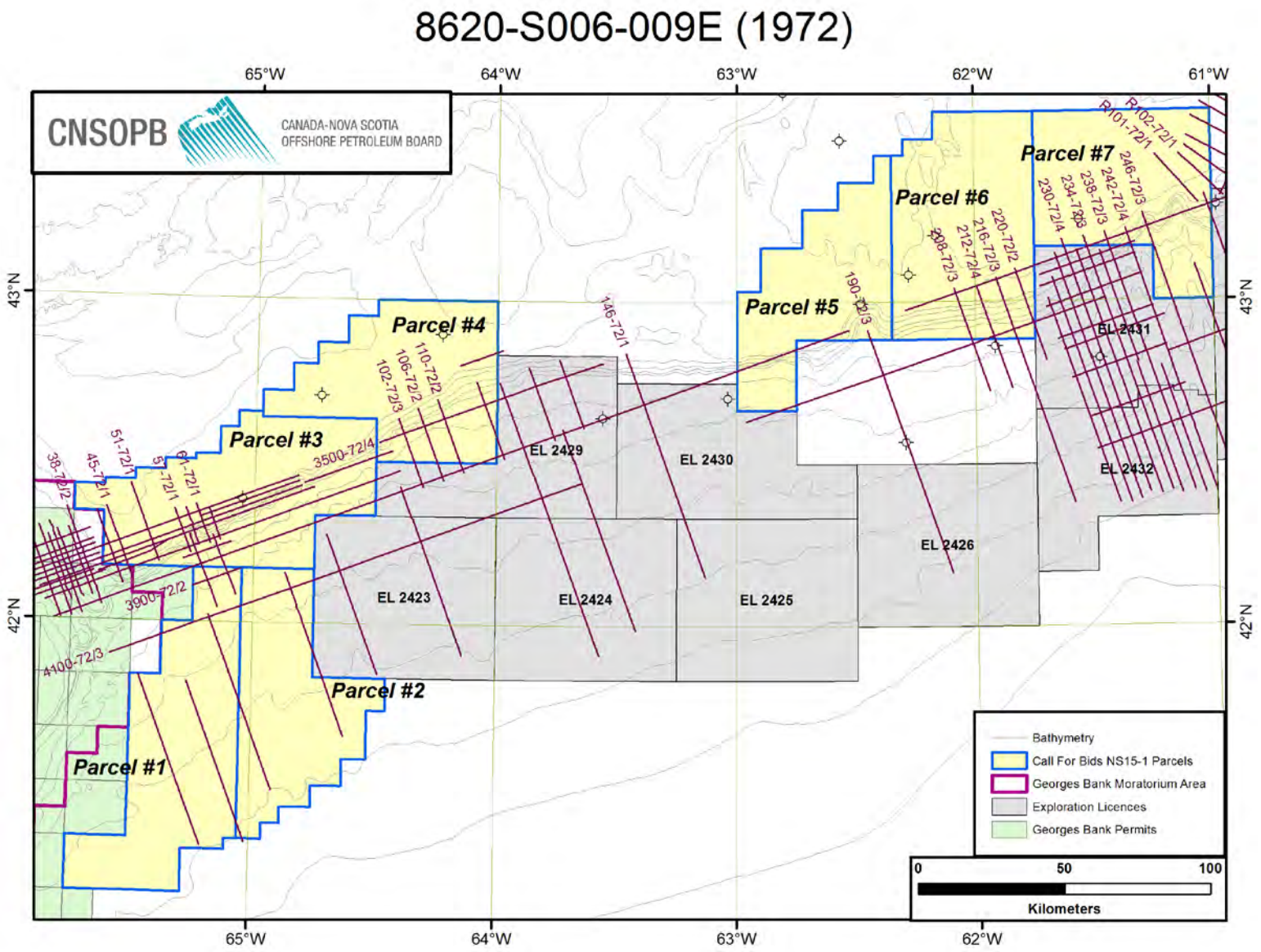


Figure 08: Location Map for 8620-S014-006E

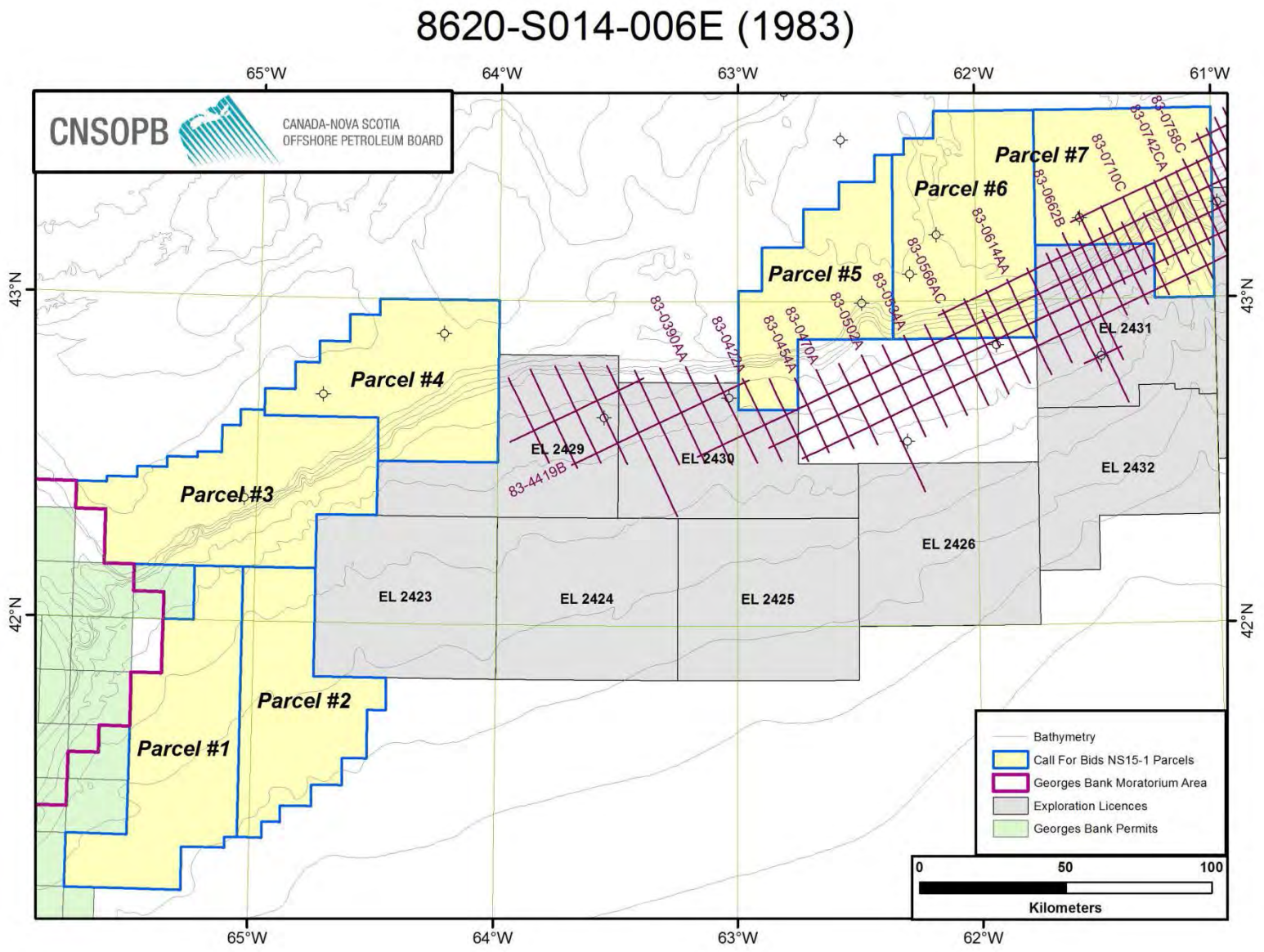


Figure 09: Location Map for 8620-S024-001P

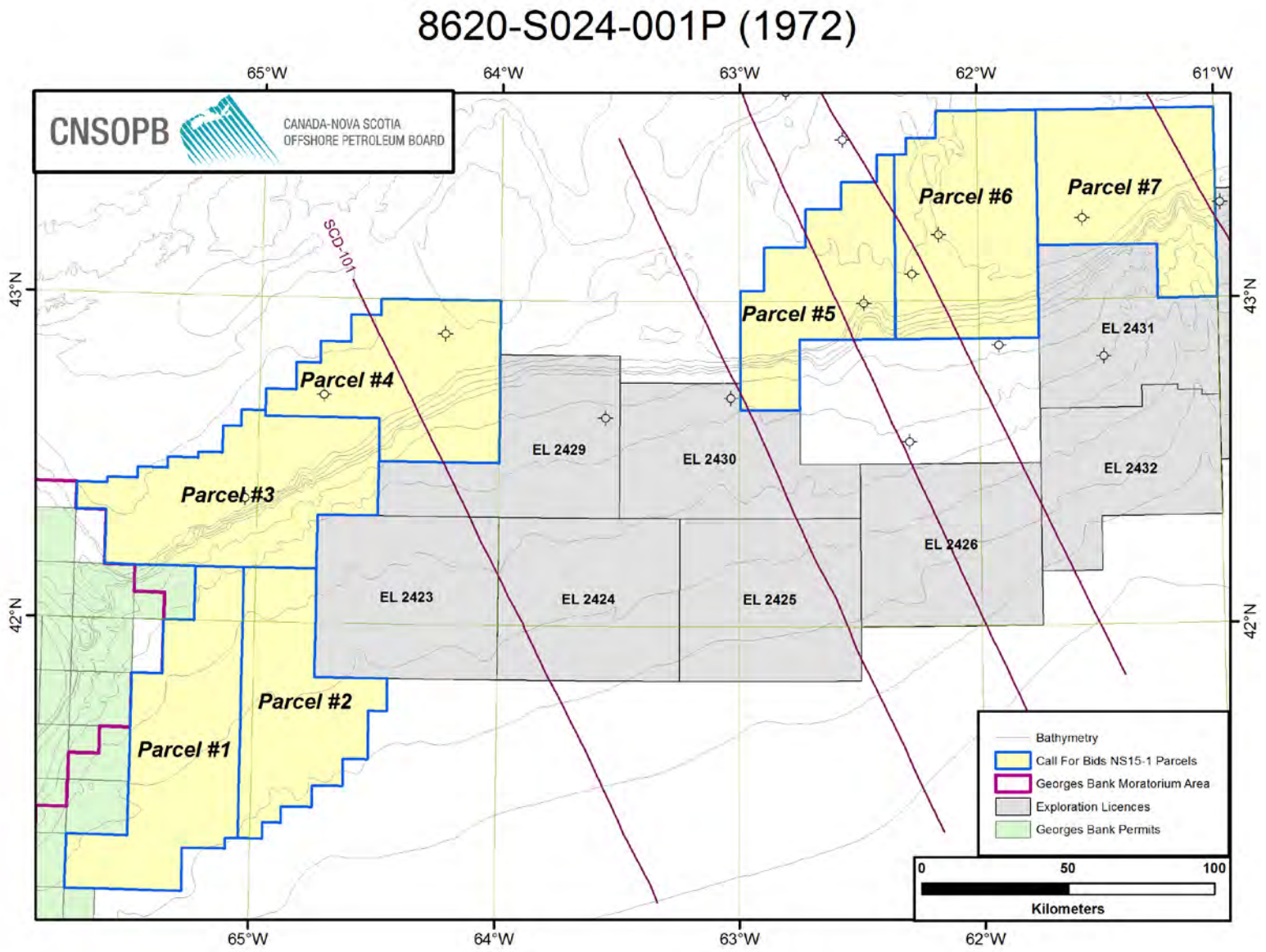


Figure 10: Location Map for 8620-T007-003E

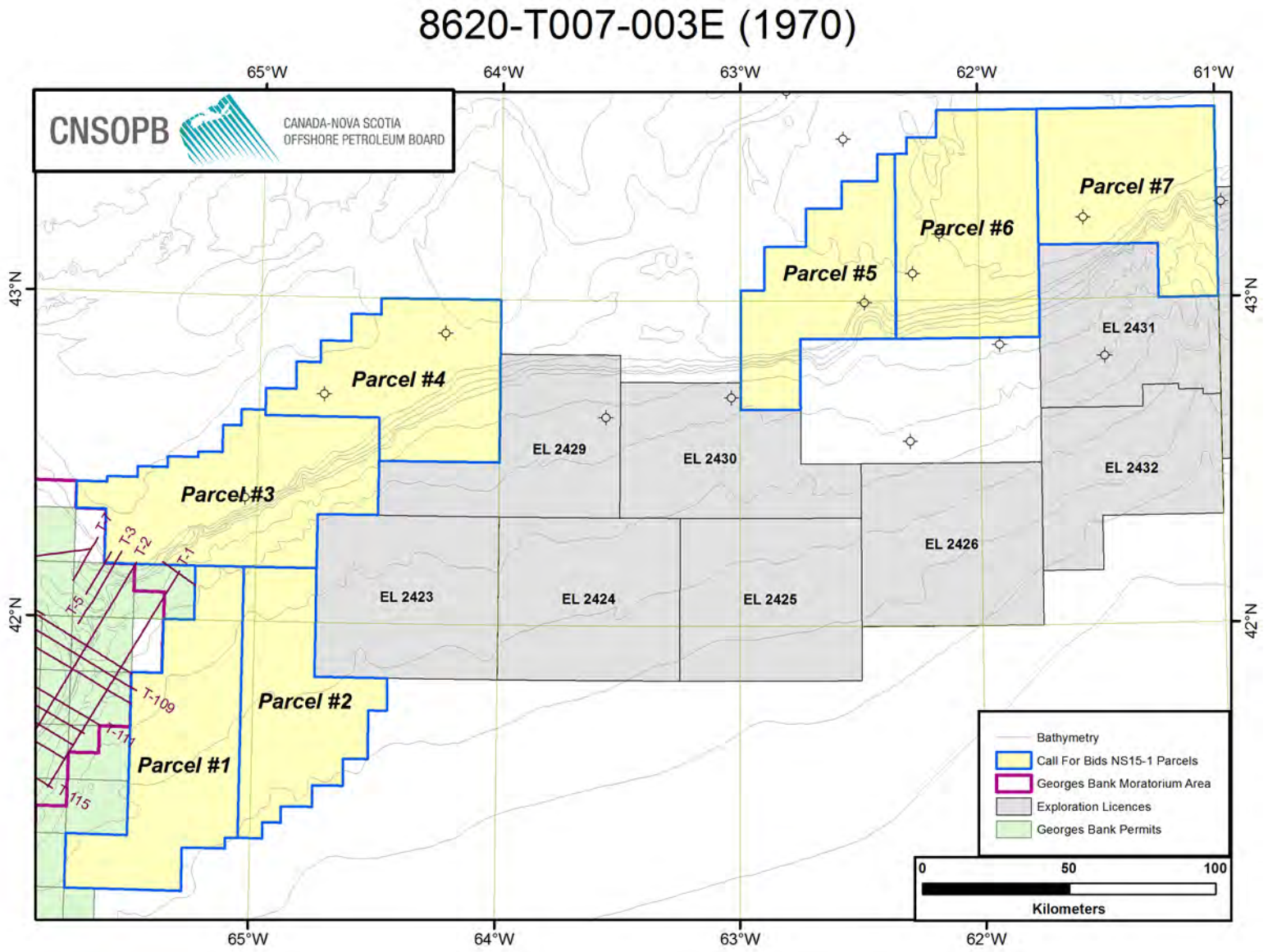


Figure 11: Location Map for 8624-C015-002P,003P,004P

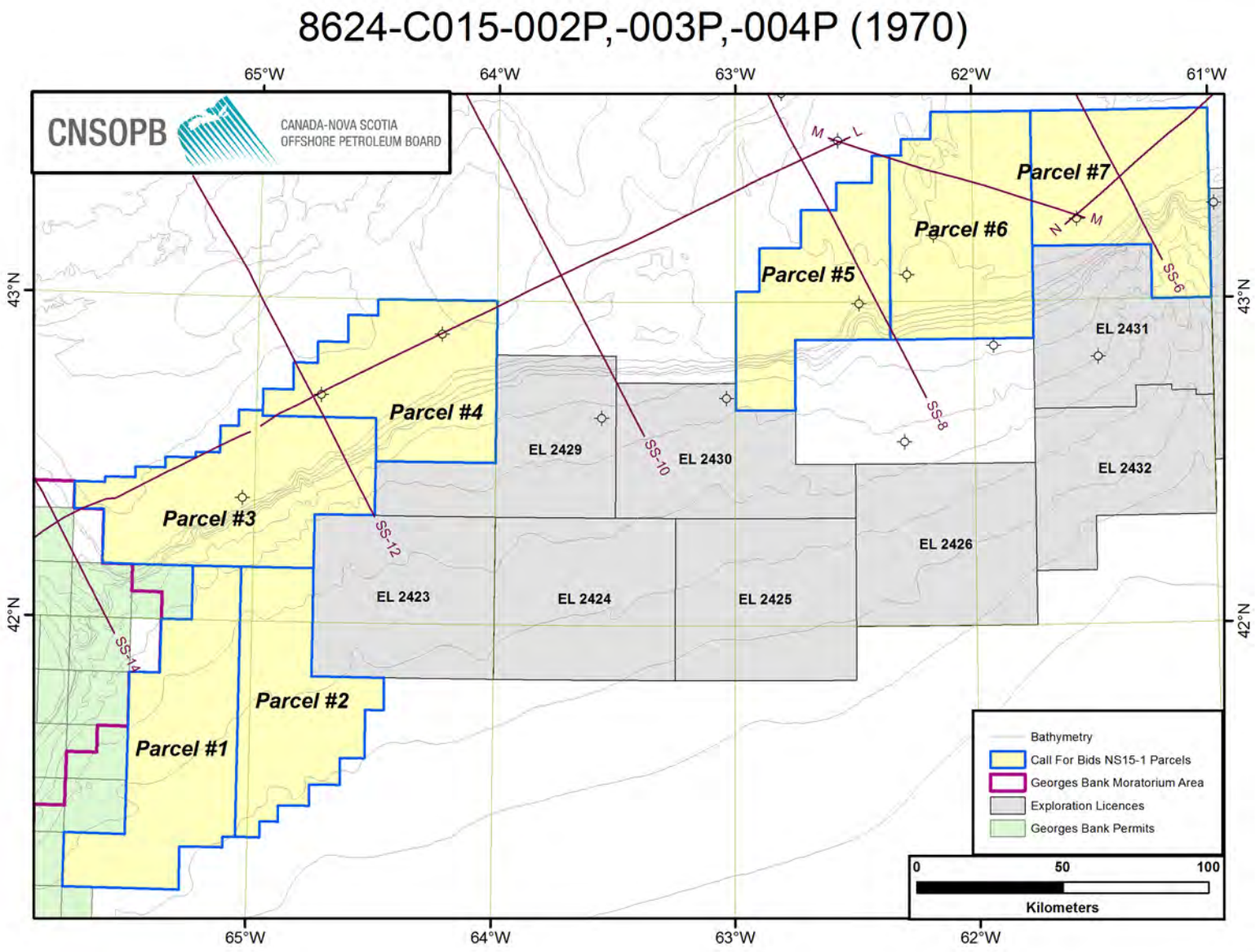


Figure 12: Location Map for 8624-C020-001E

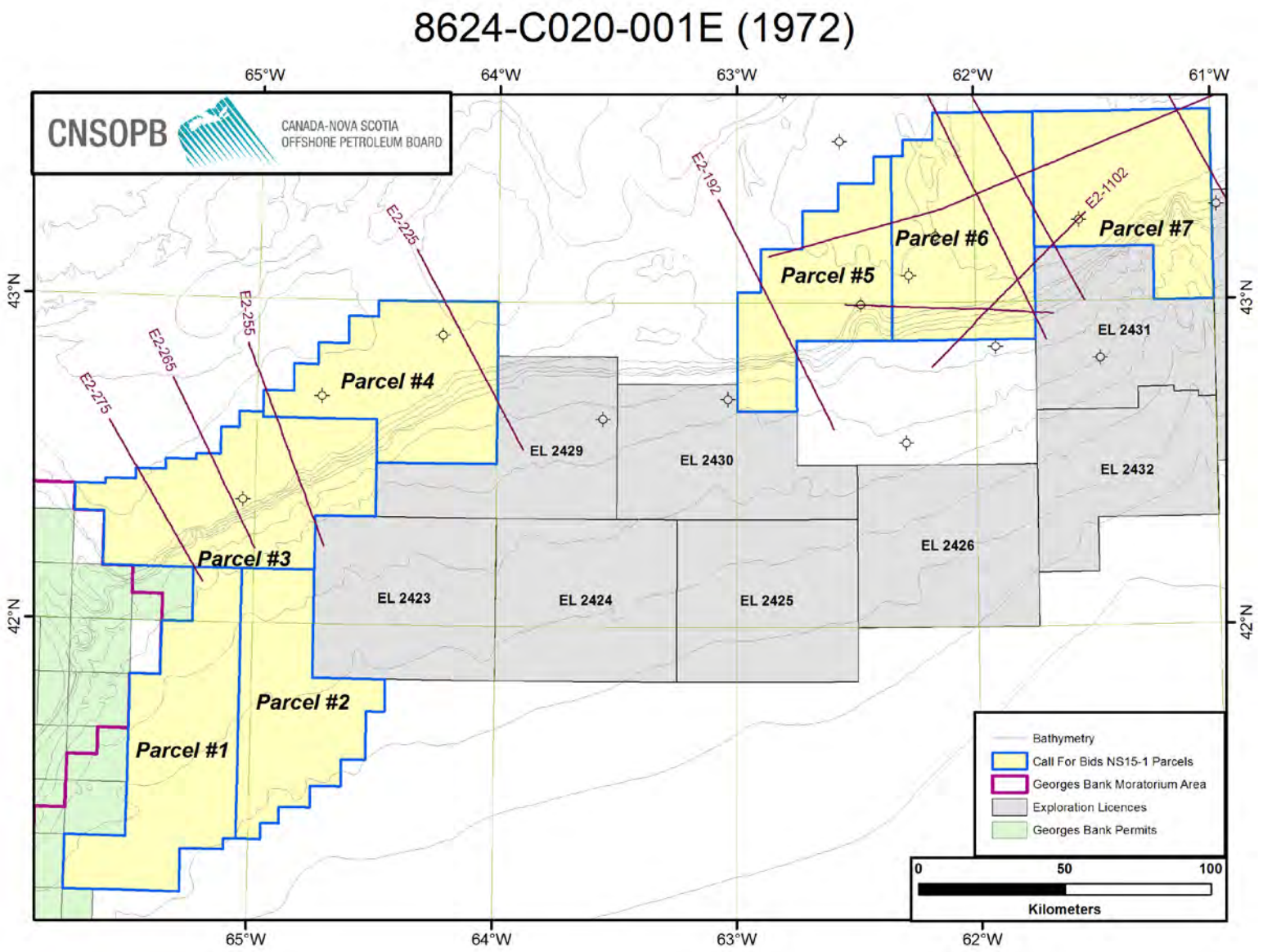


Figure 13: Location Map for 8624-C055-004E

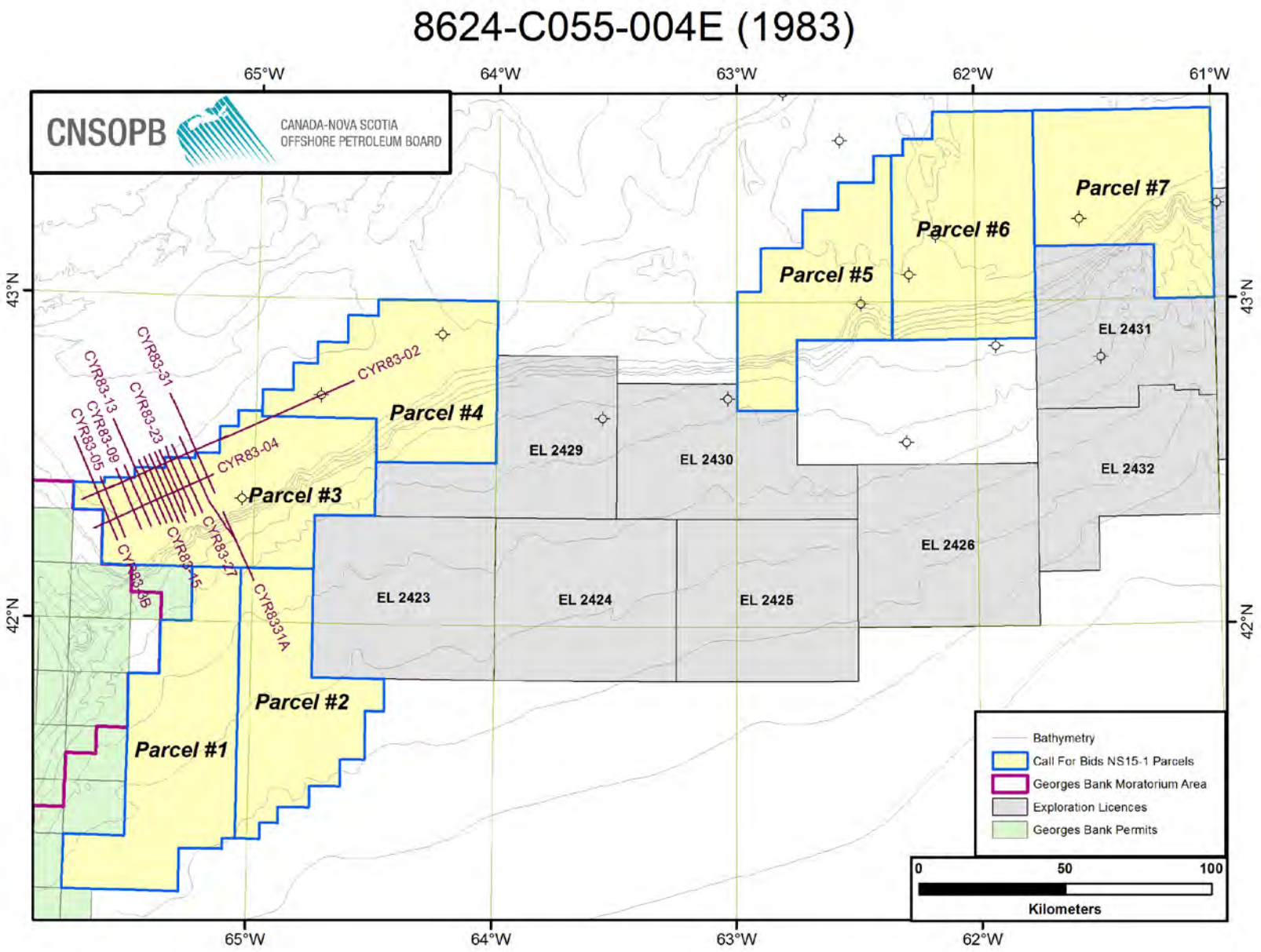


Figure 14: Location Map for 8624-D001-005P

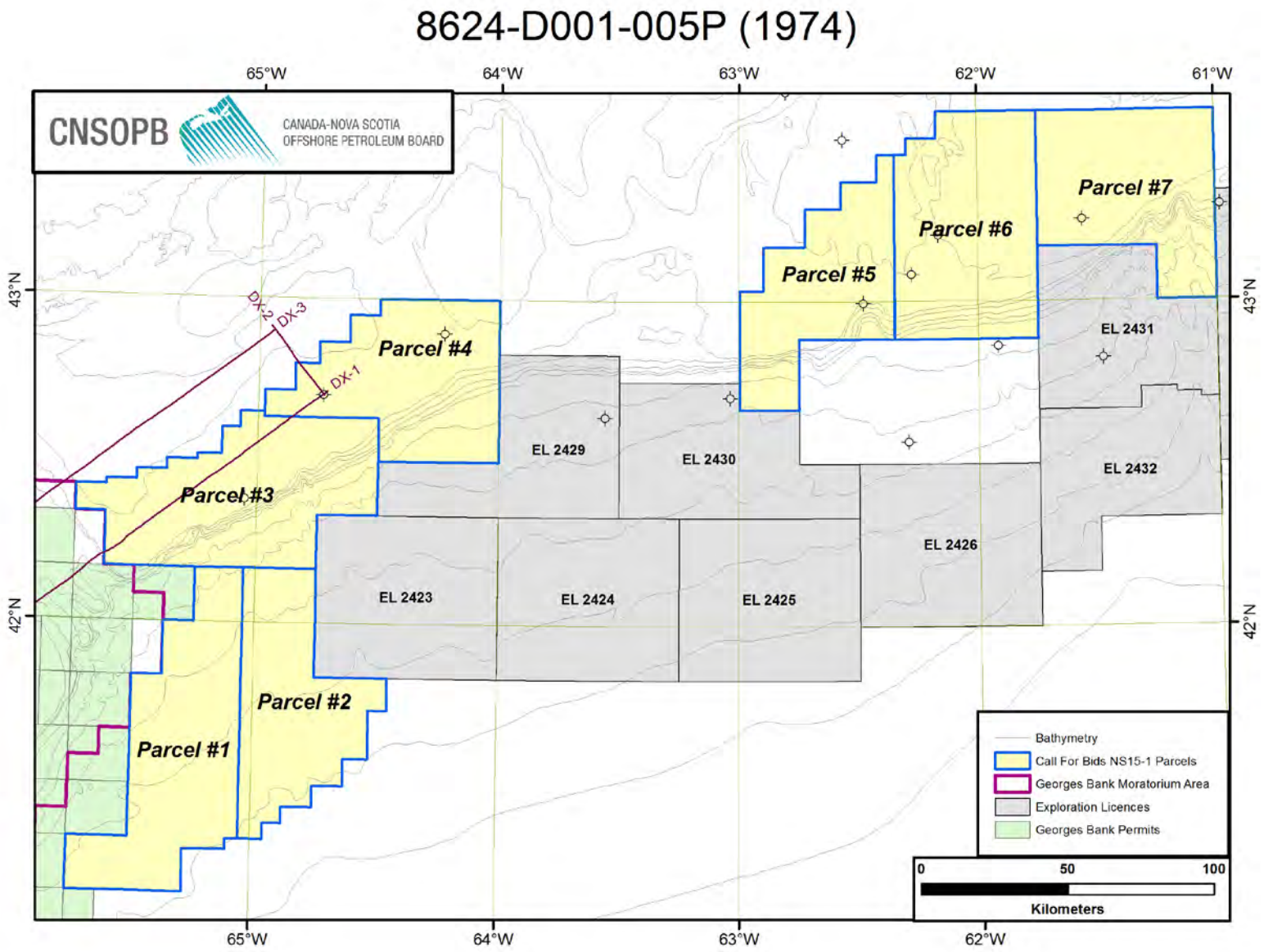


Figure 15: Location Map for 8624-D001-006P

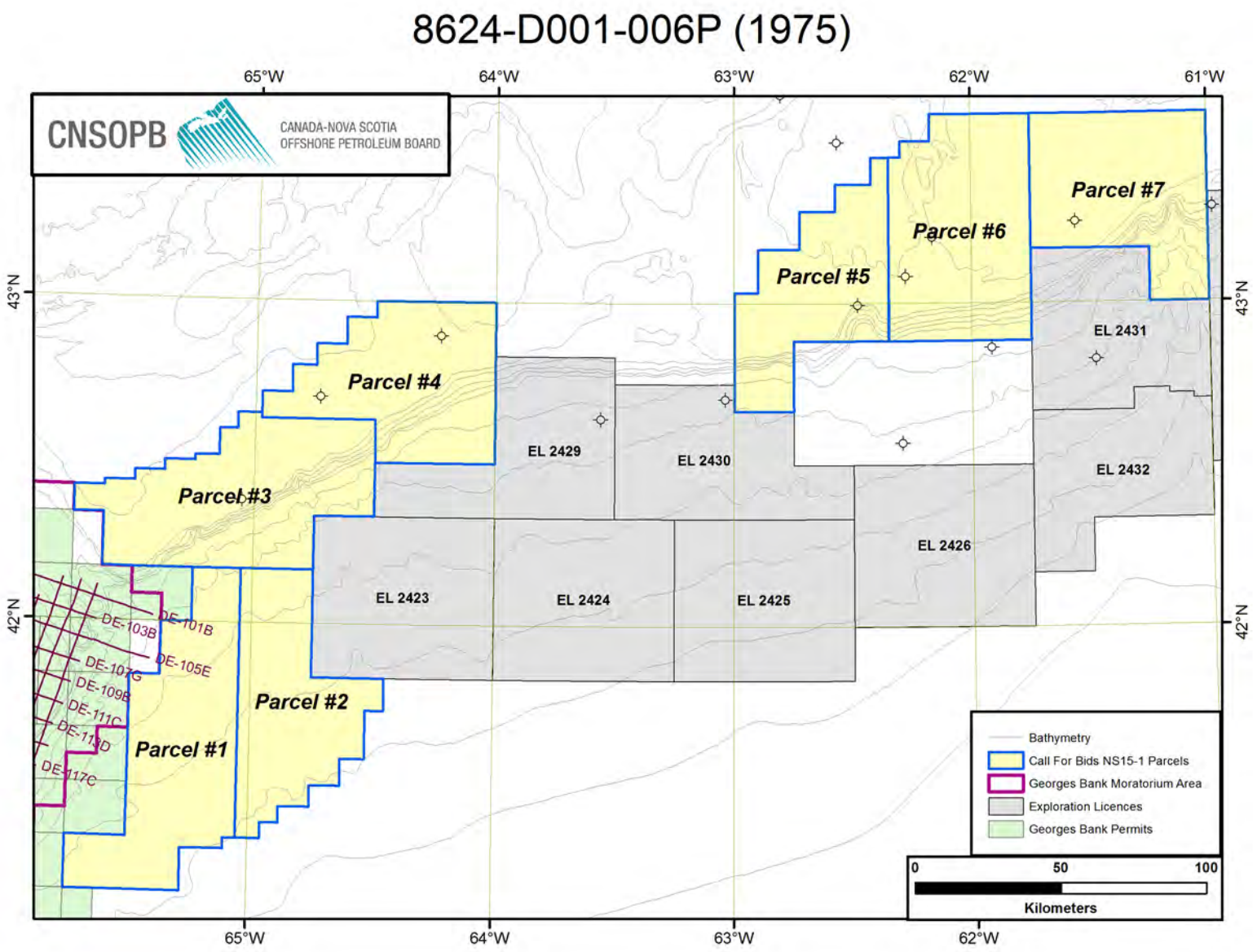


Figure 16: Location Map for 8624-J013-001P

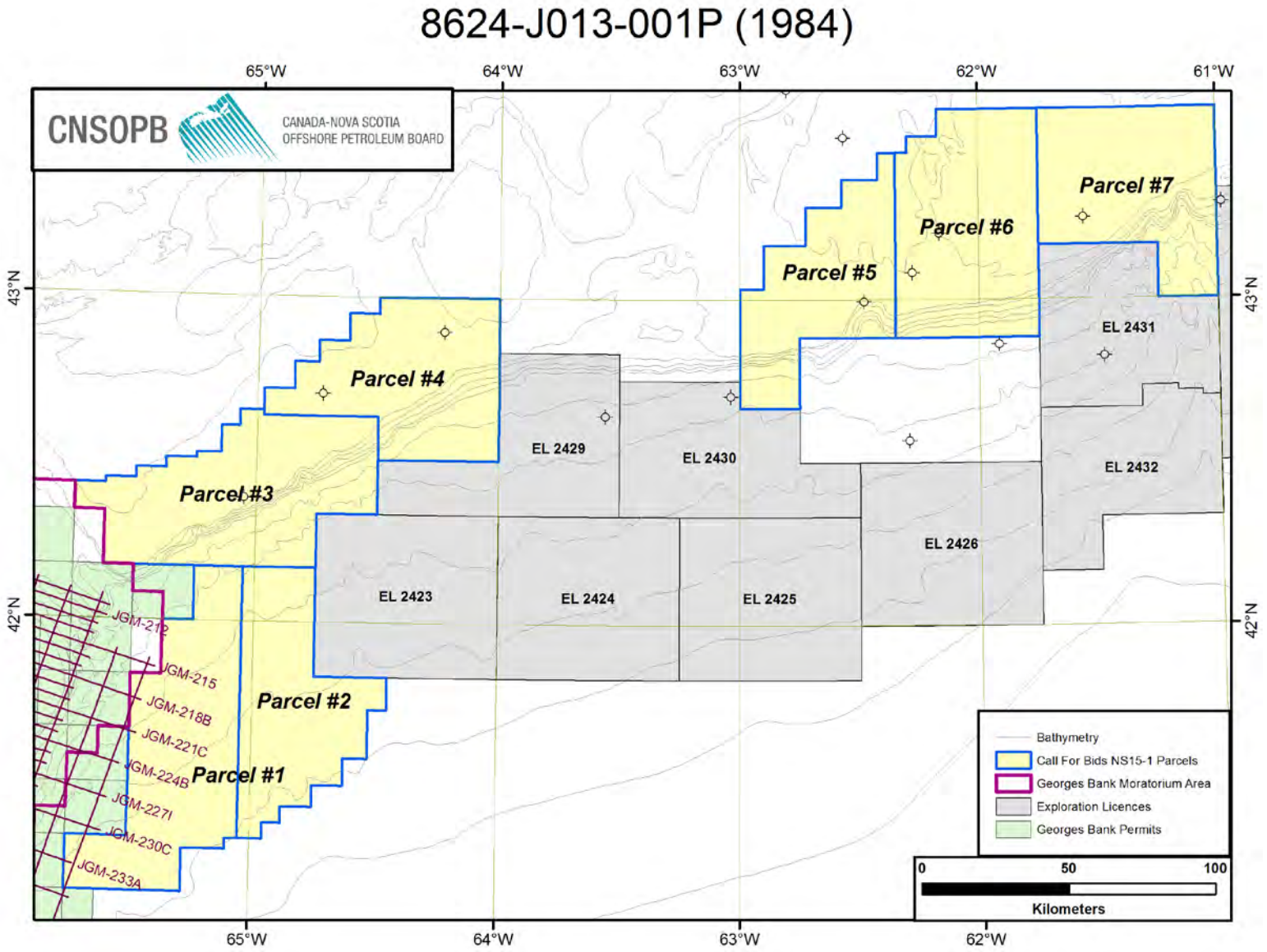


Figure 17: Location Map for 8624-M003-044E

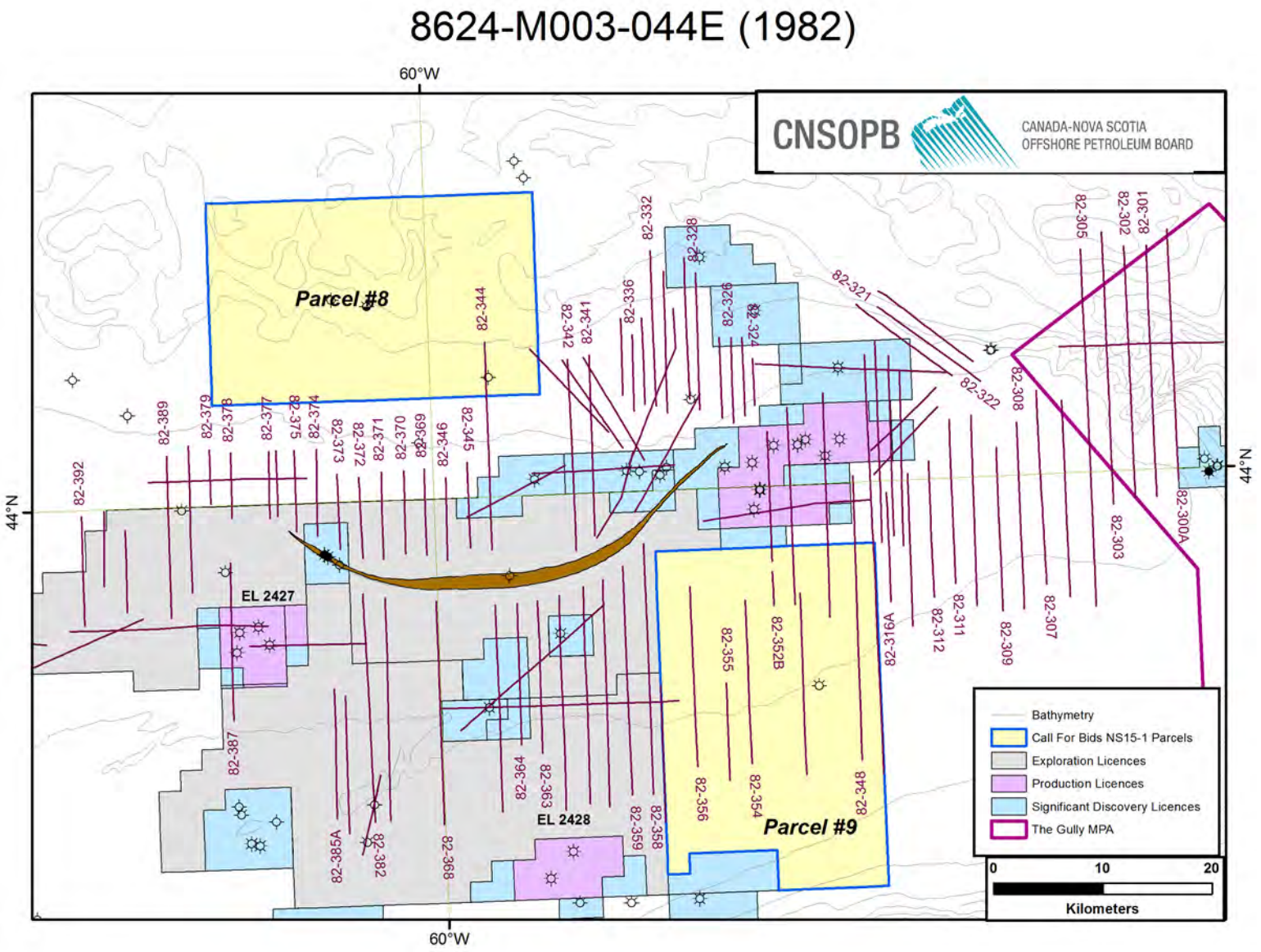


Figure 18: Location Map for 8624-M003-049E

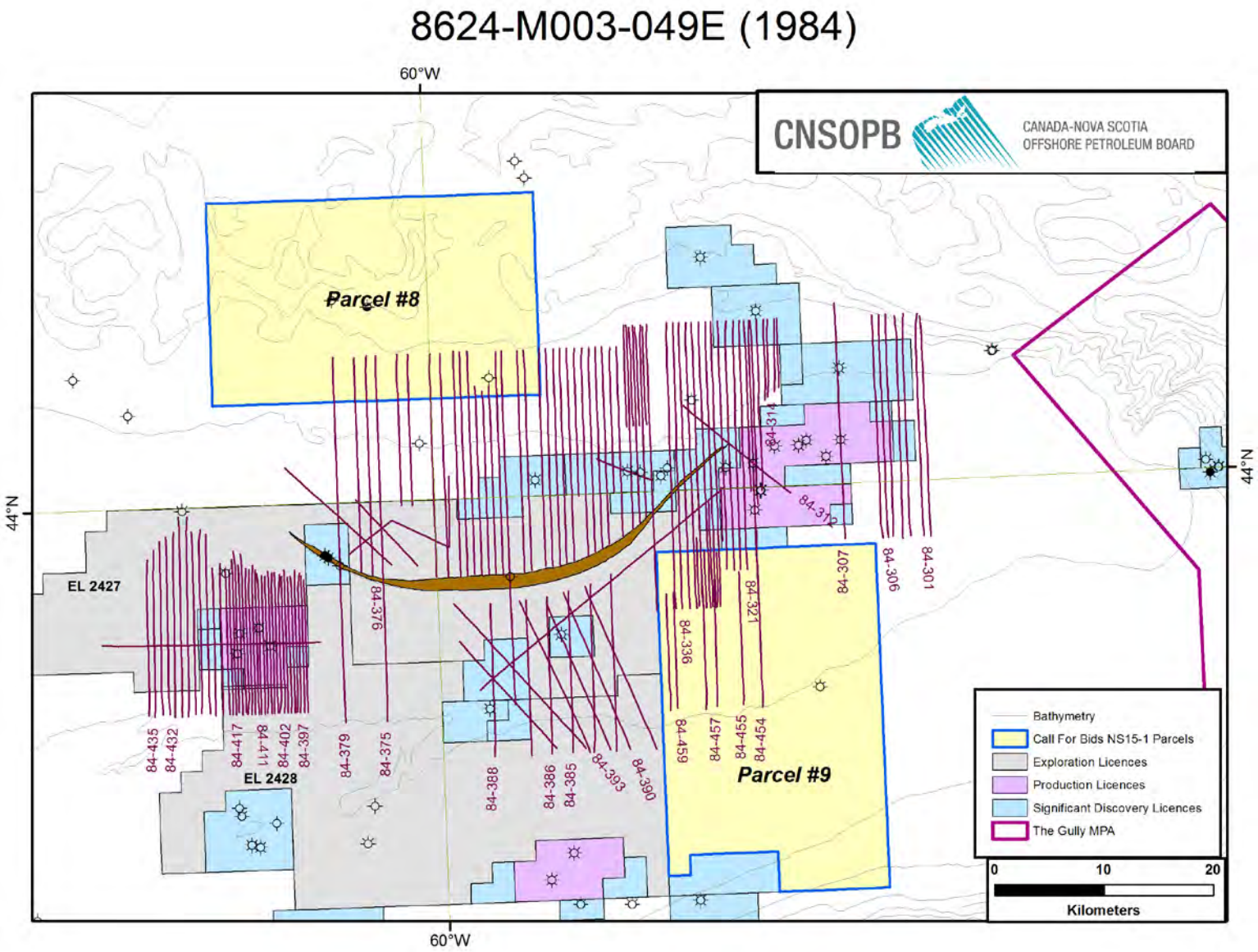


Figure 19: Location Map for 8624-O011-001E

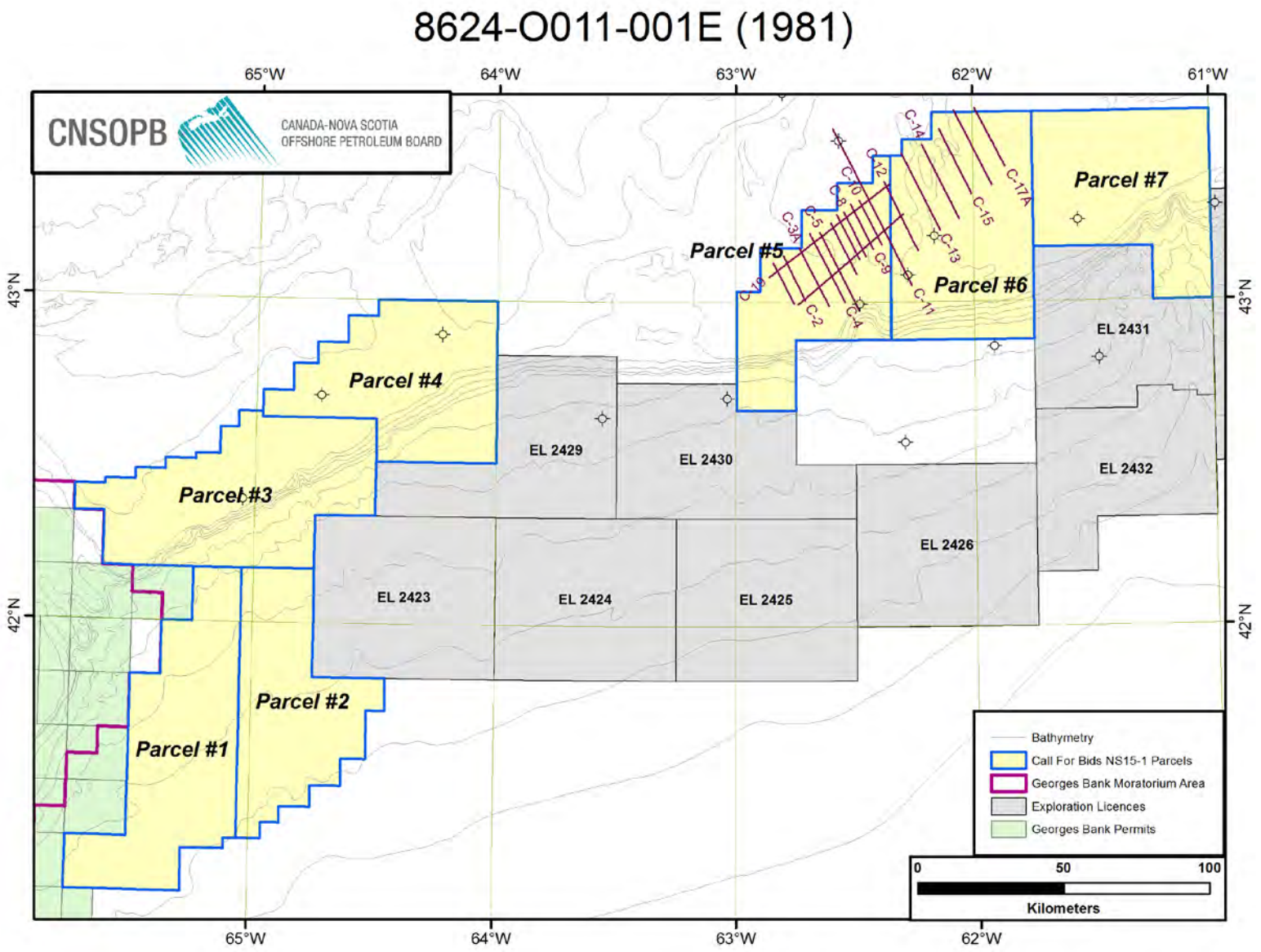


Figure 20: Location Map for 8624-P028-001E

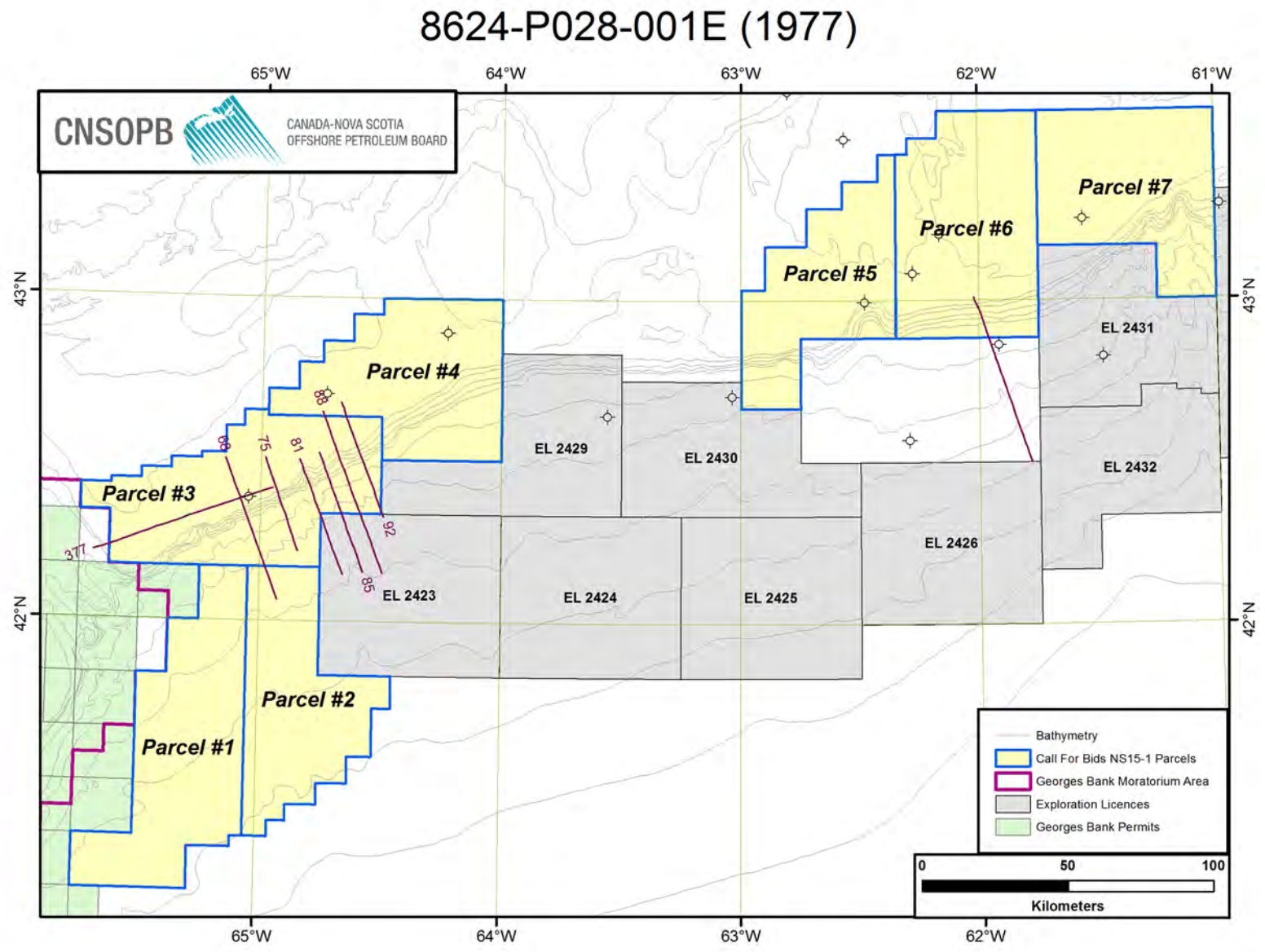


Figure 21: Location Map for 8624-P028-002E

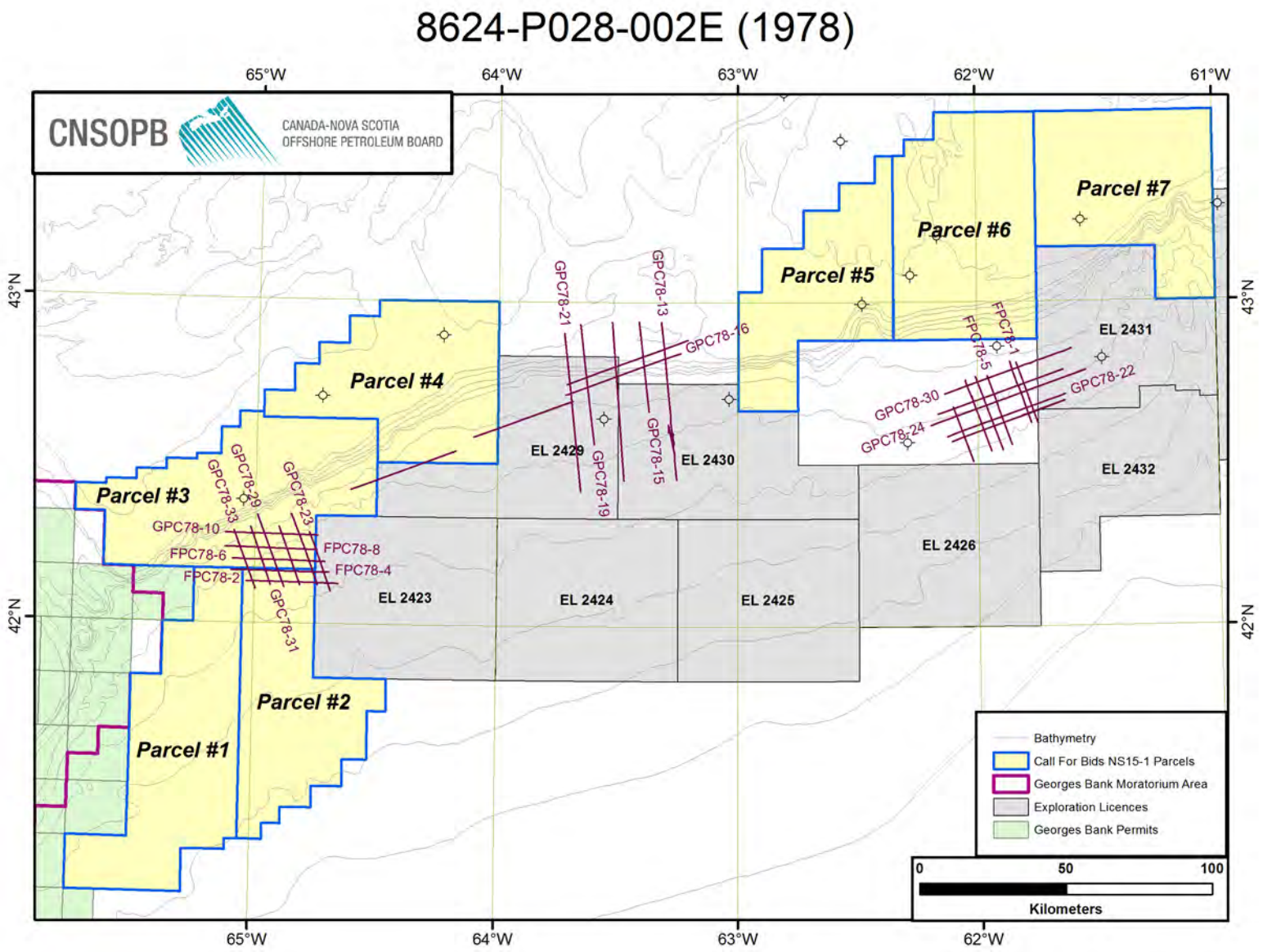


Figure 22: Location Map for 8624-P028-034E

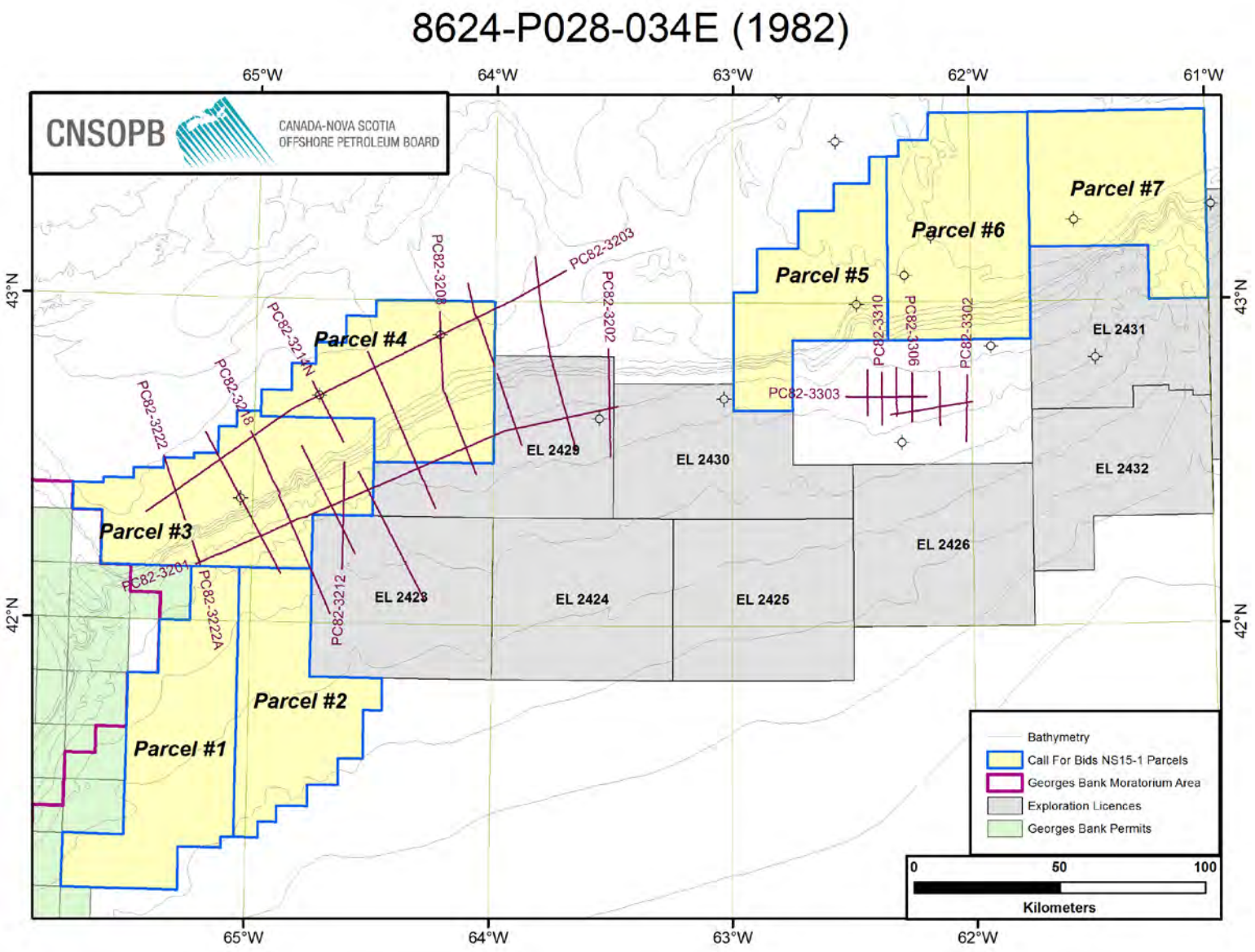


Figure 23: Location Map for 8624-P028-049E

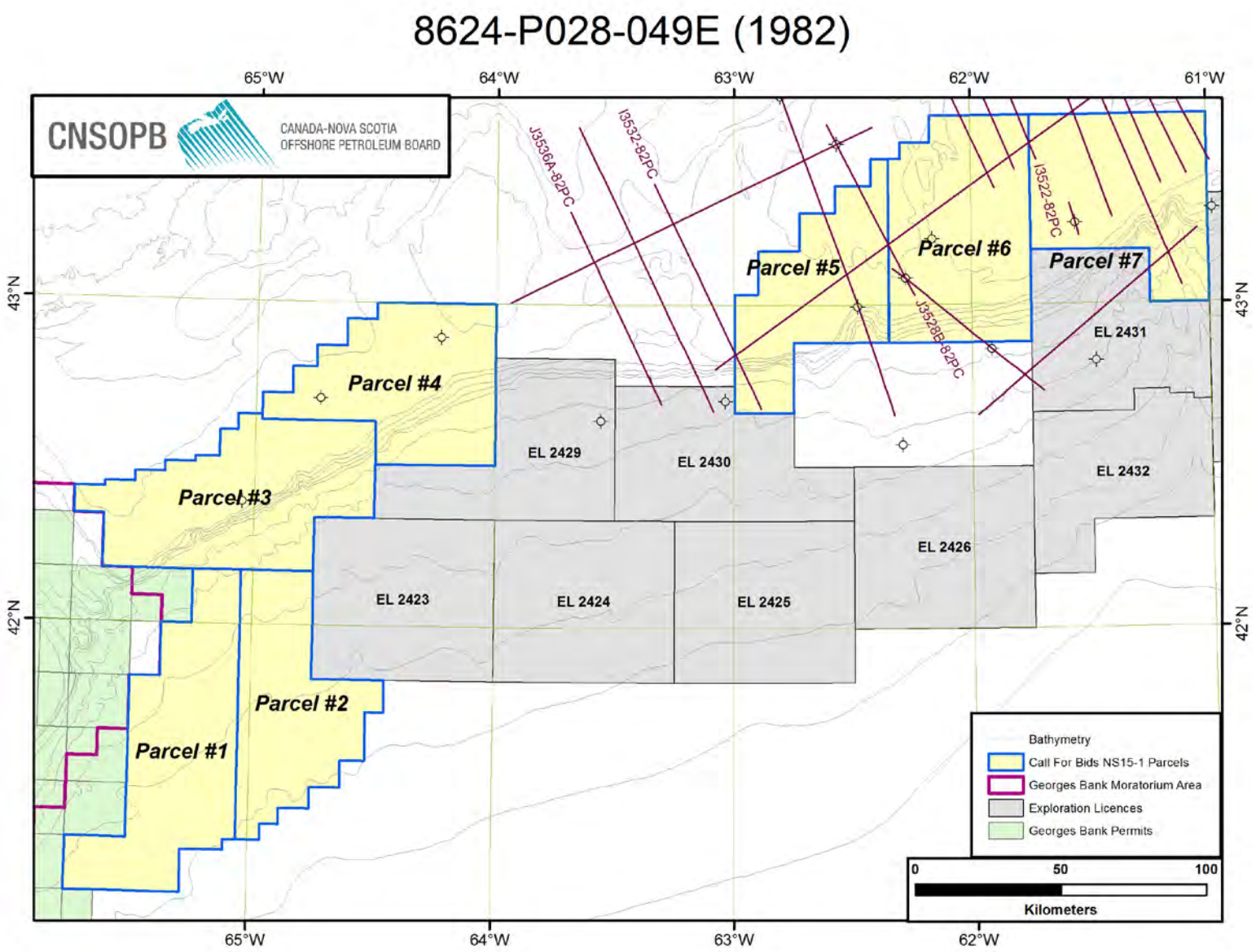


Figure 24: Location Map for 8624-P028-051E

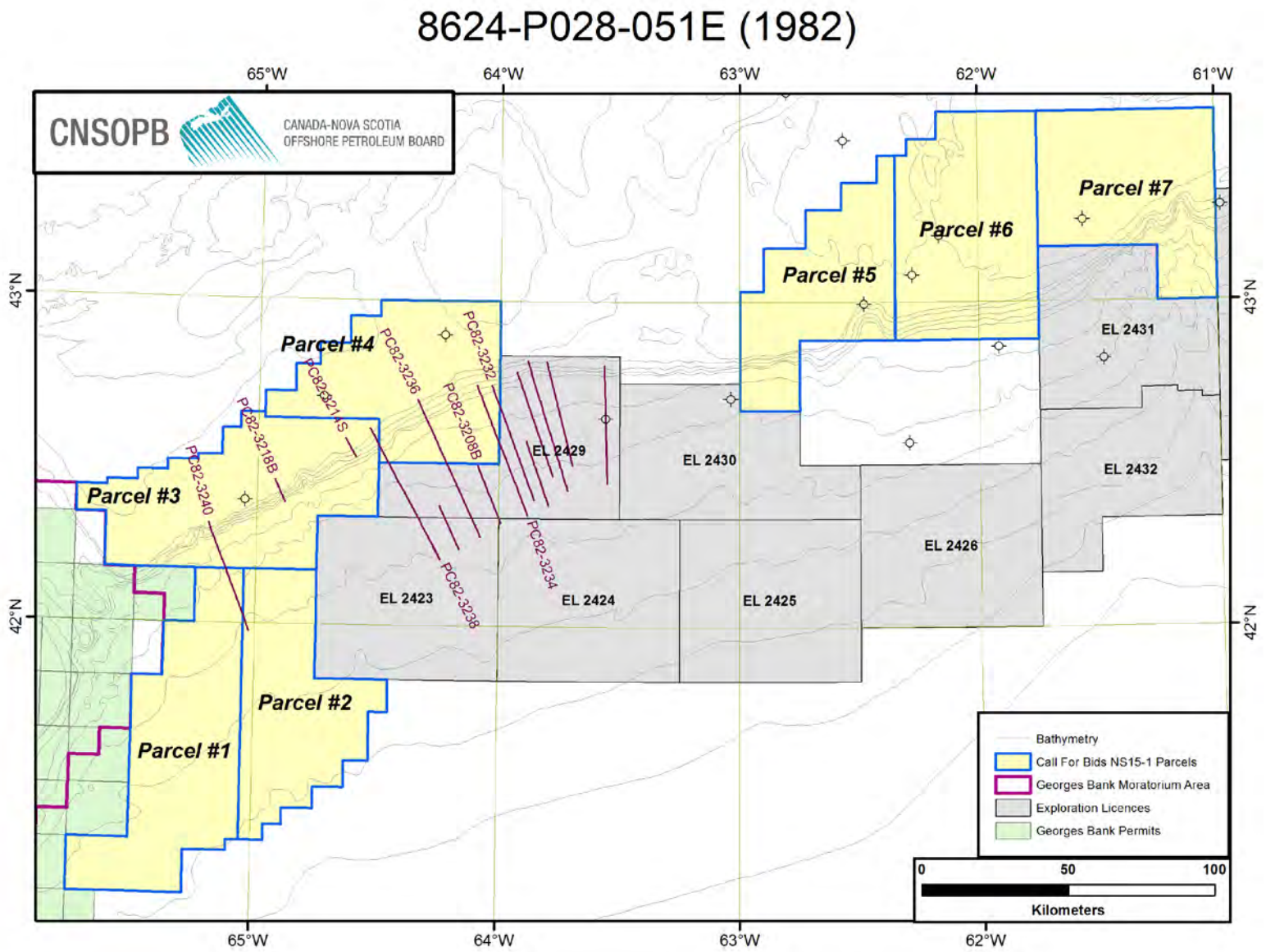


Figure 25: Location Map for 8624-P028-060E

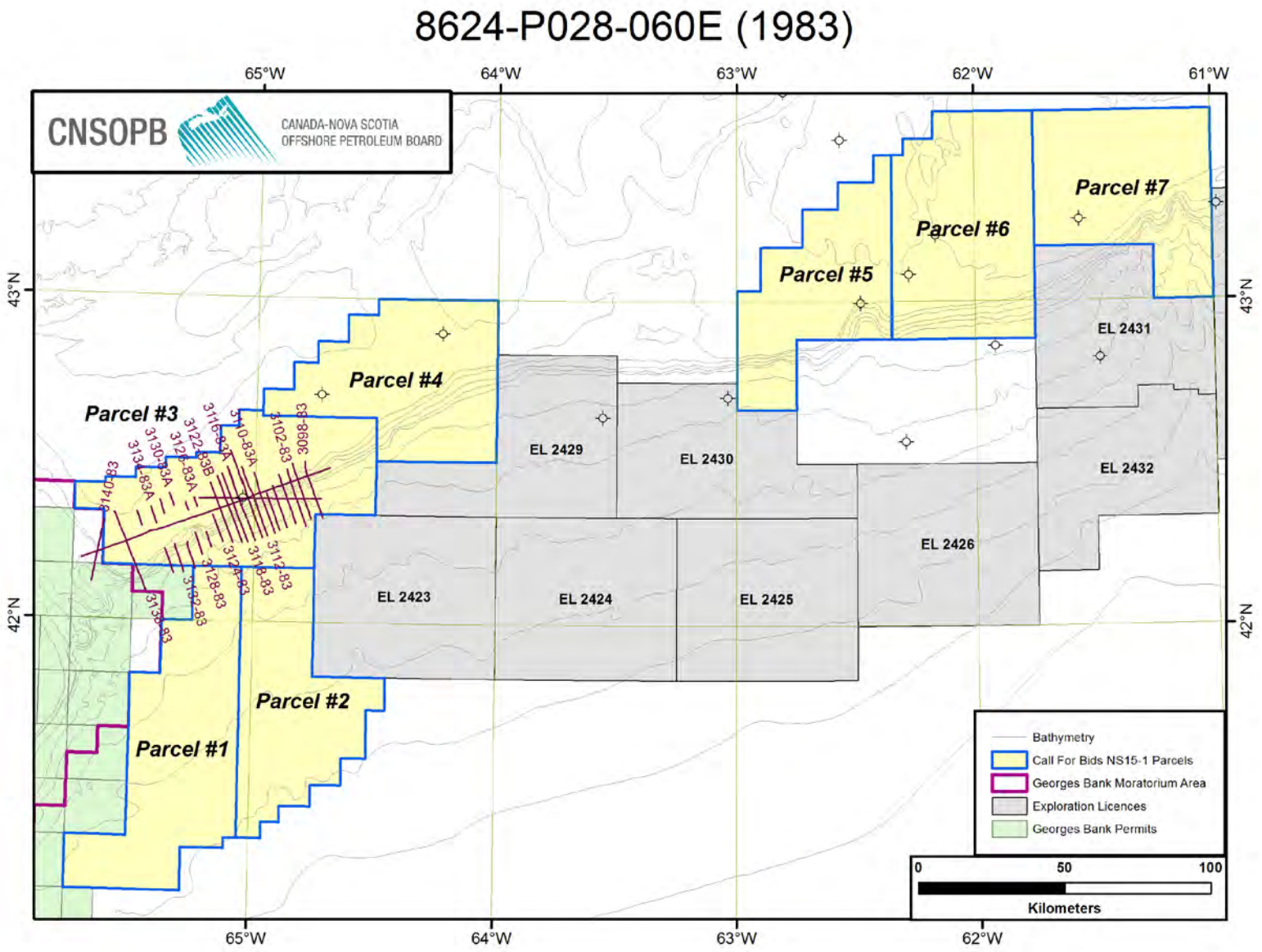


Figure 26: Location Map for 8624-P028-071E

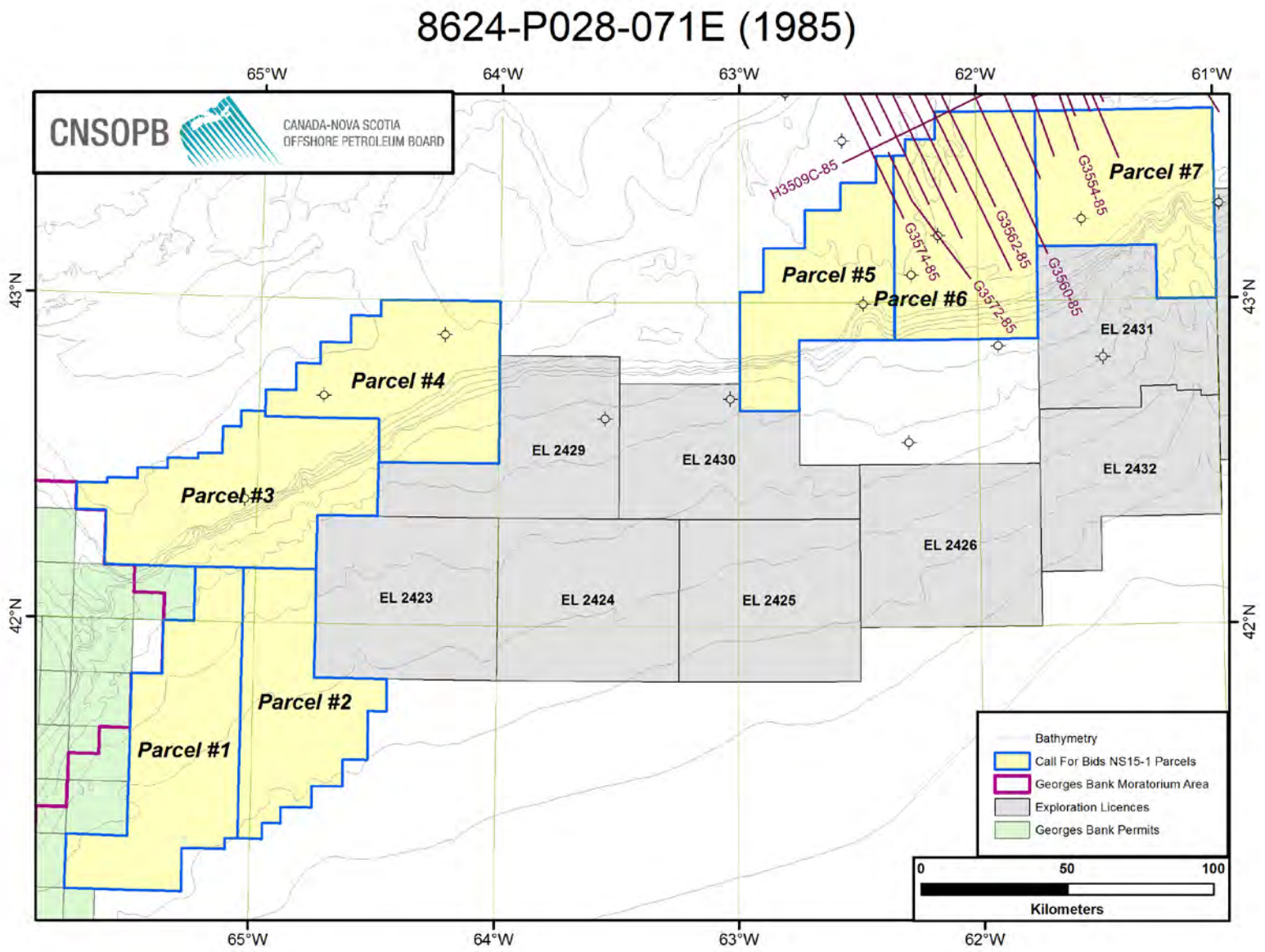


Figure 27: Location Map for 8624-P028-073E

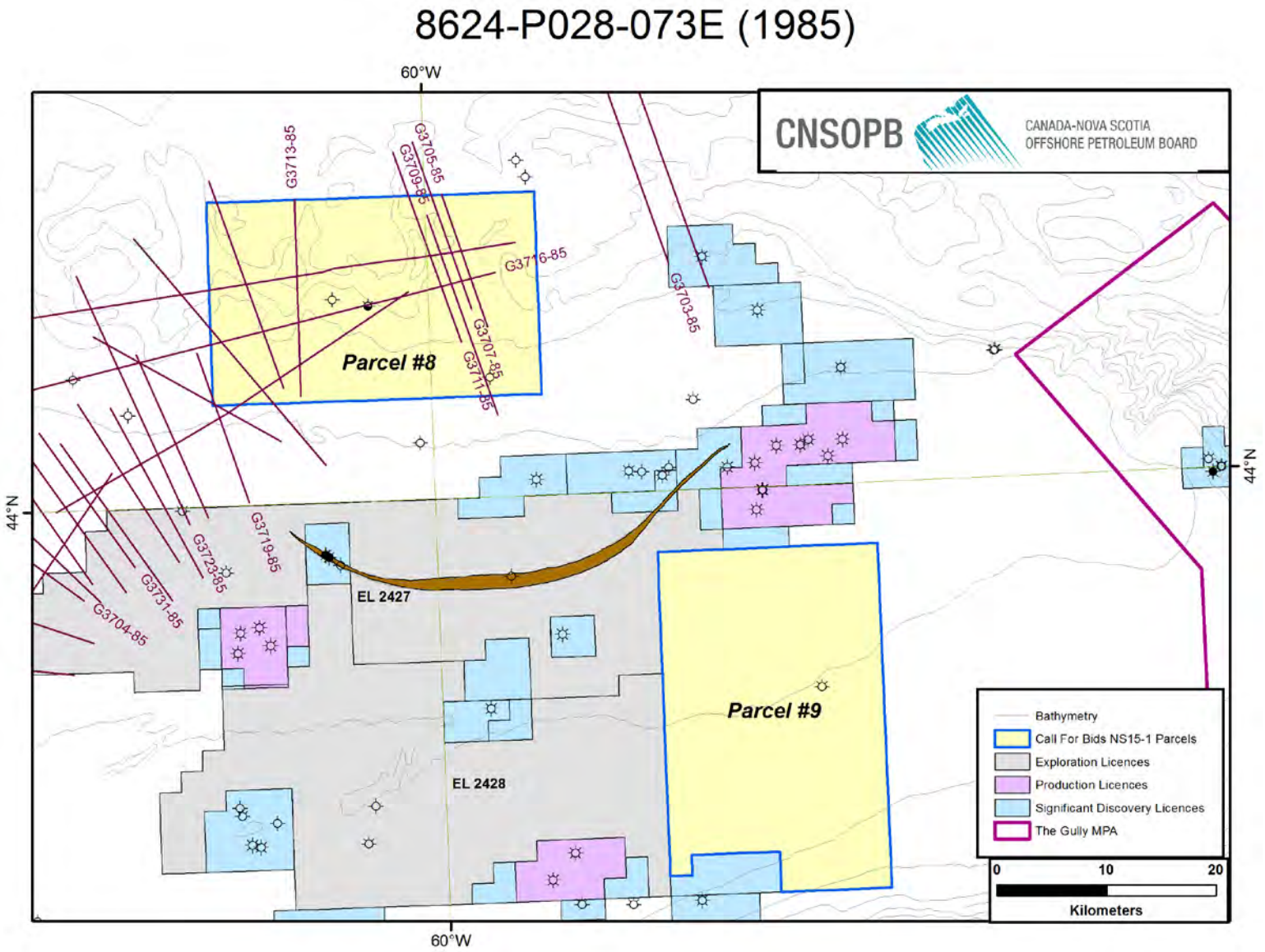


Figure 28: Location Map for 8624-P028-074E

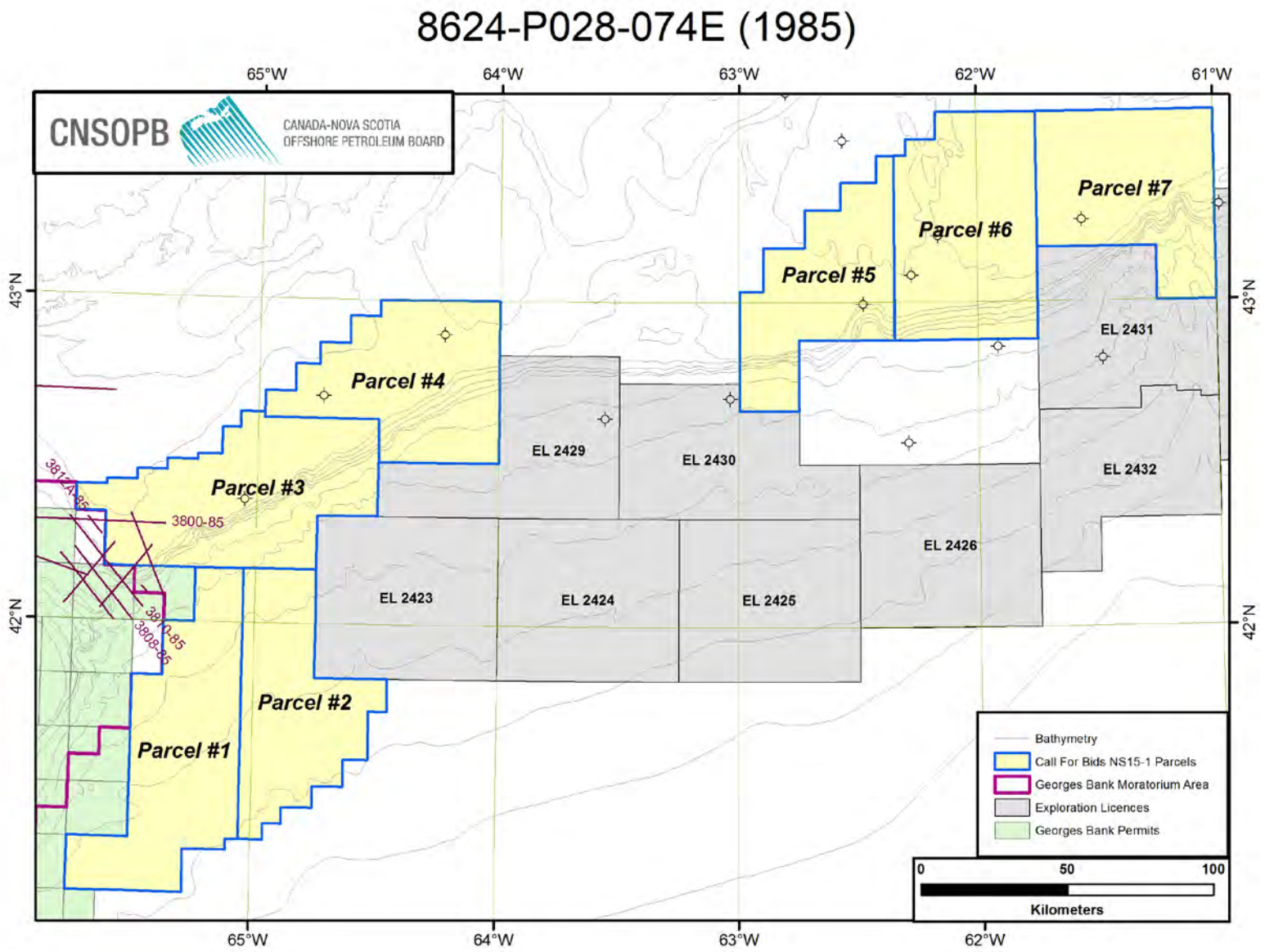


Figure 29: Location Map for 8624-S006-005E,006E

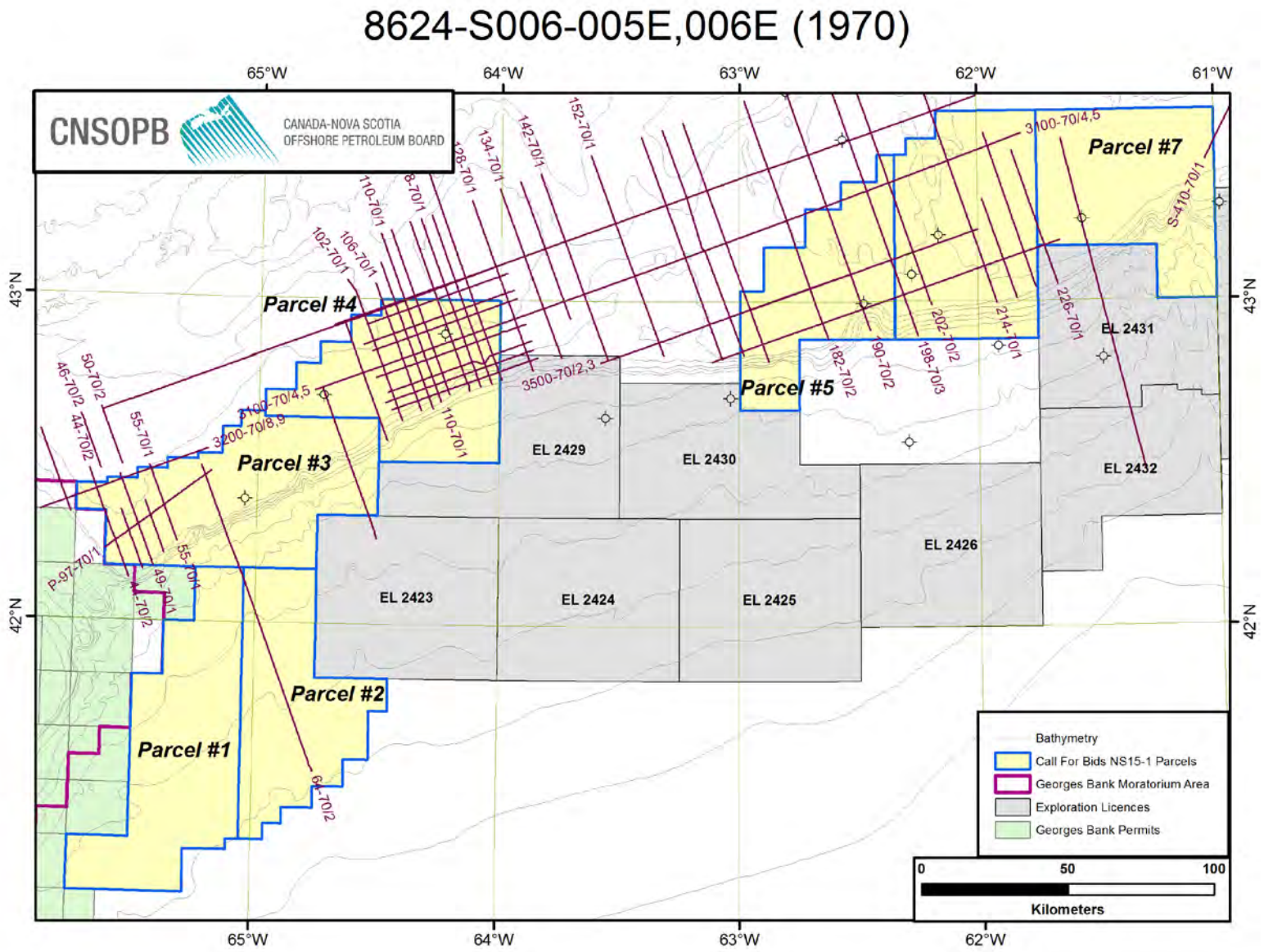


Figure 30: Location Map for 8624-S006-008E

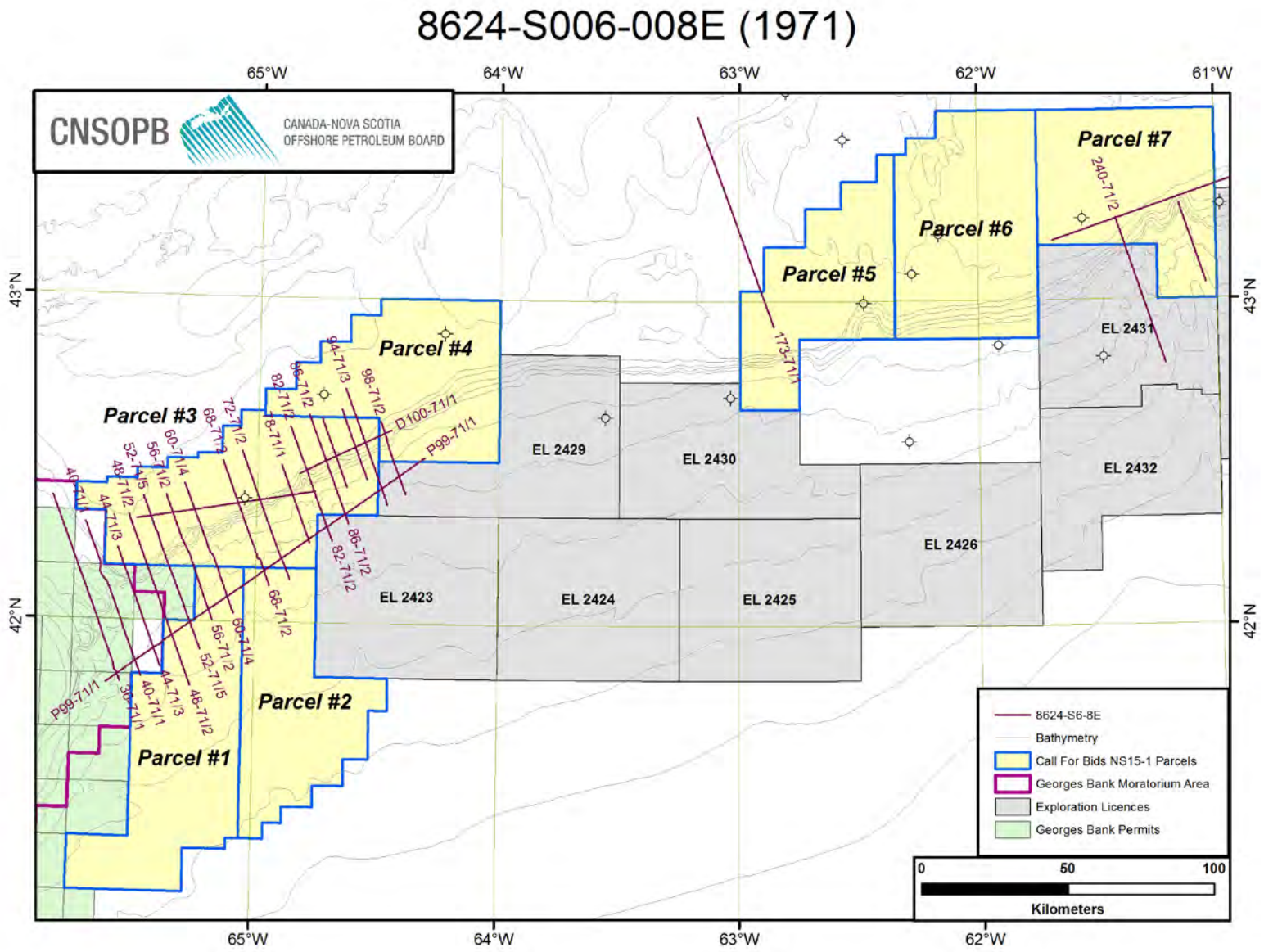


Figure 31: Location Map for 8624-S006-012E

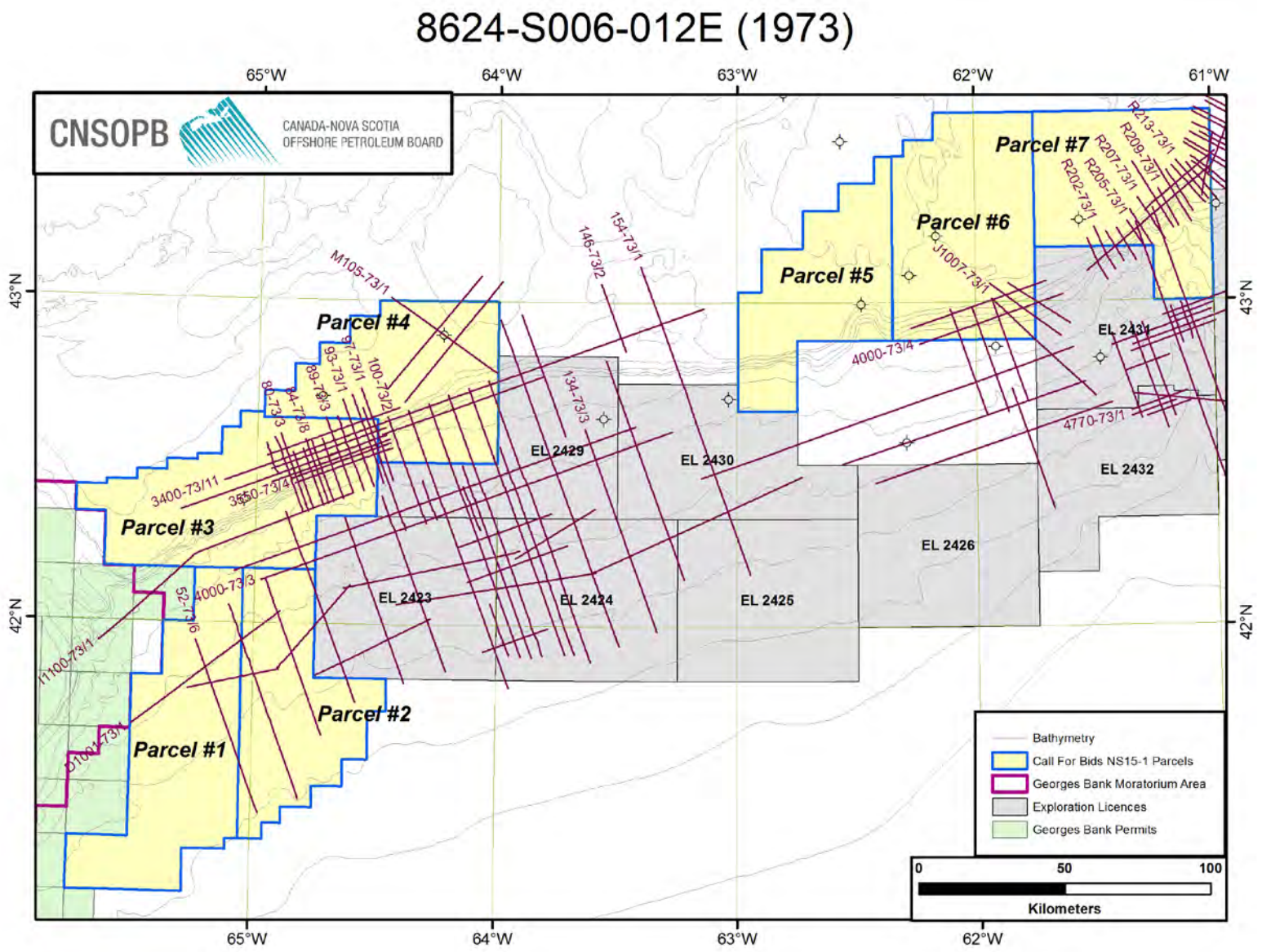


Figure 32: Location Map for 8624-S006-023E

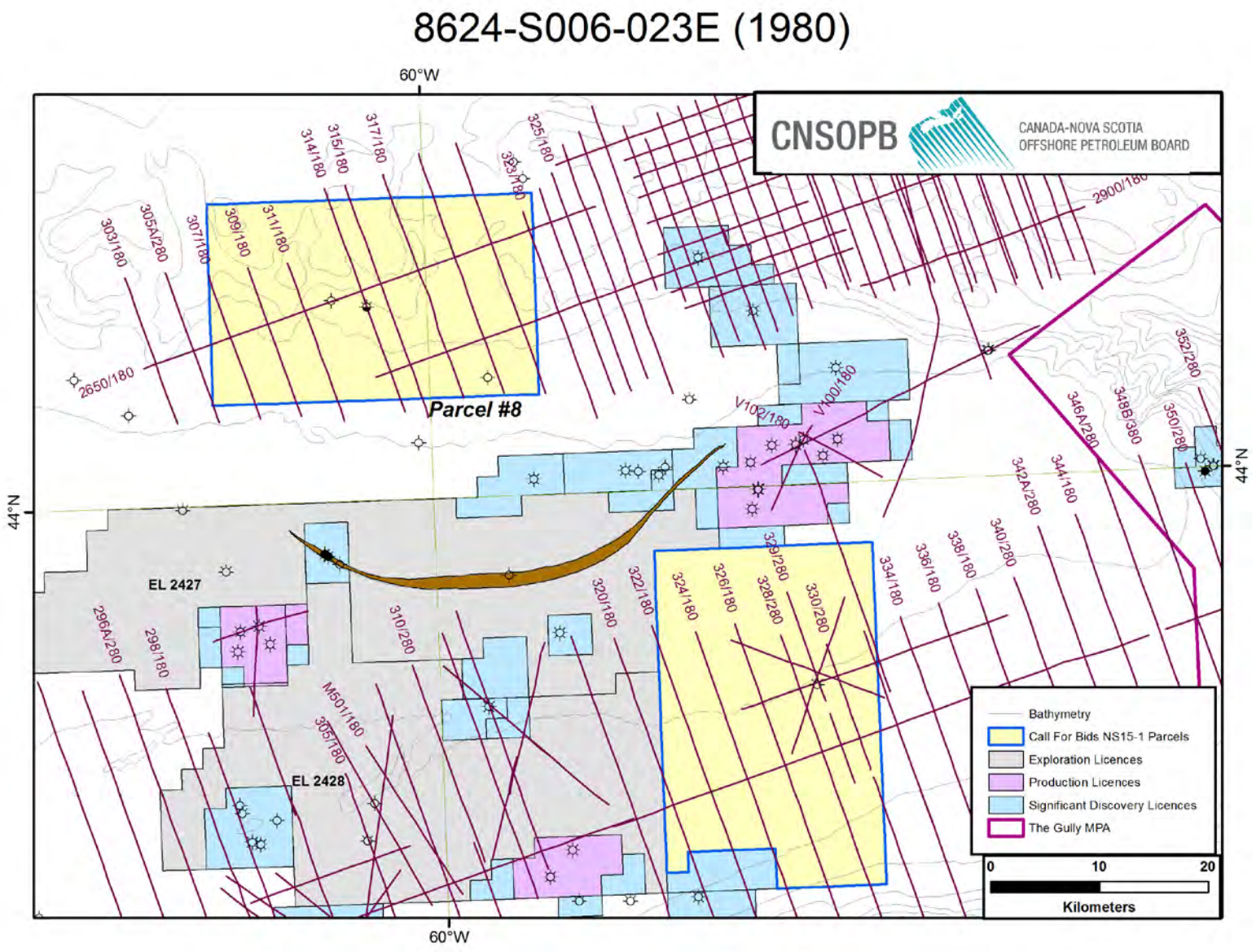


Figure 33: Location Map for 8624-S006-027E

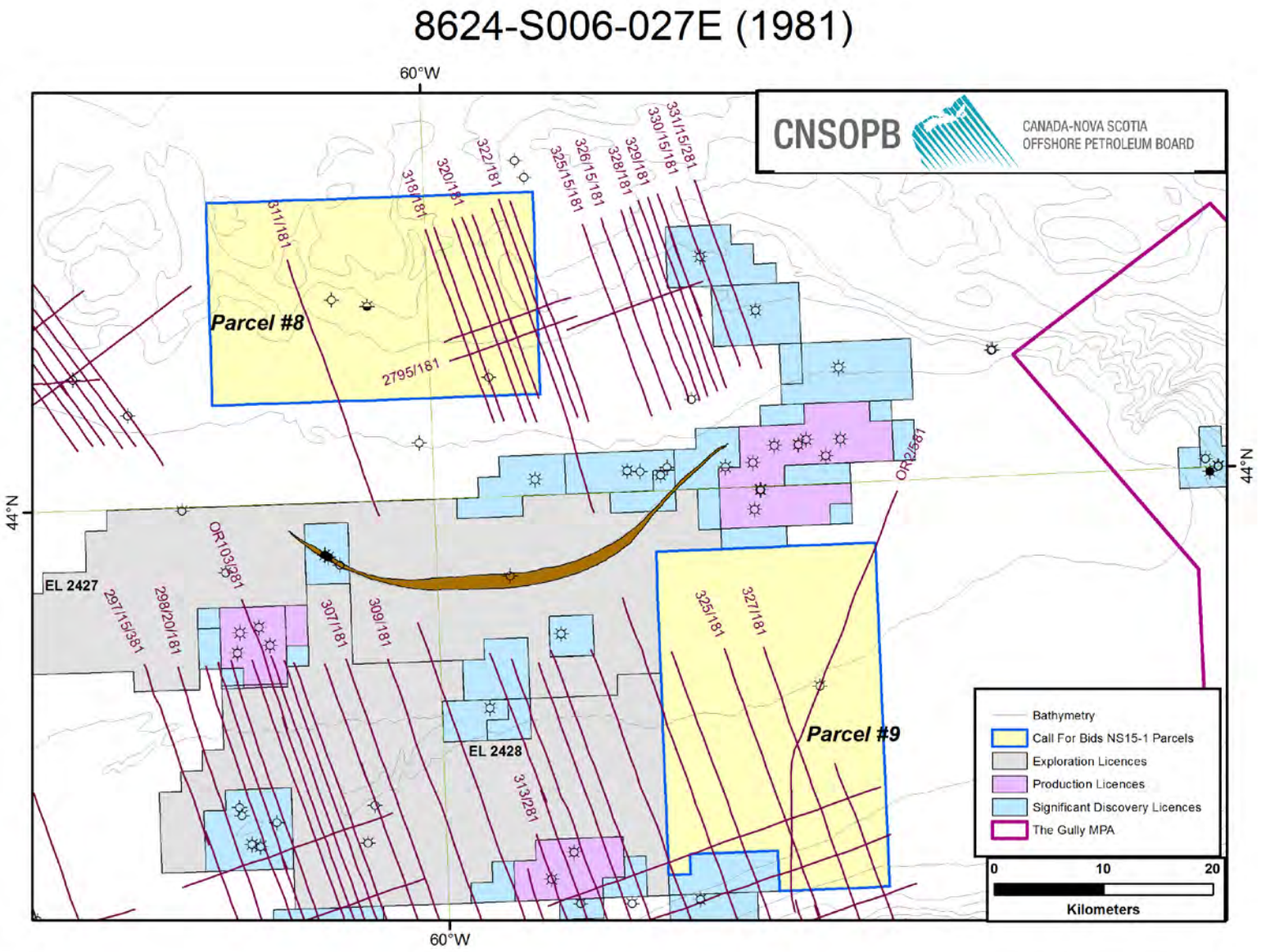


Figure 34: Location Map for 8624-S006-032E

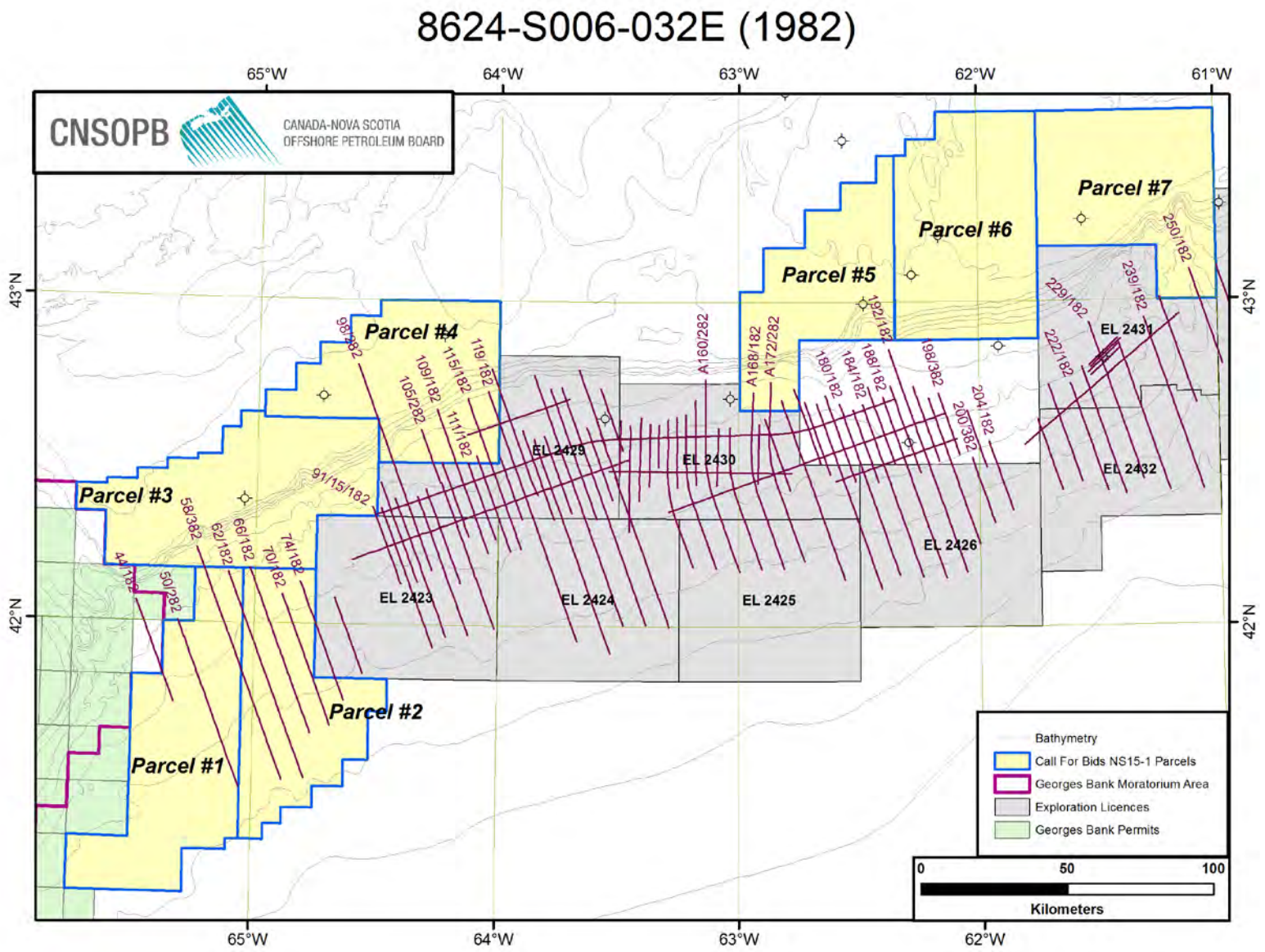


Figure 35: Location Map for 8624-S006-033E

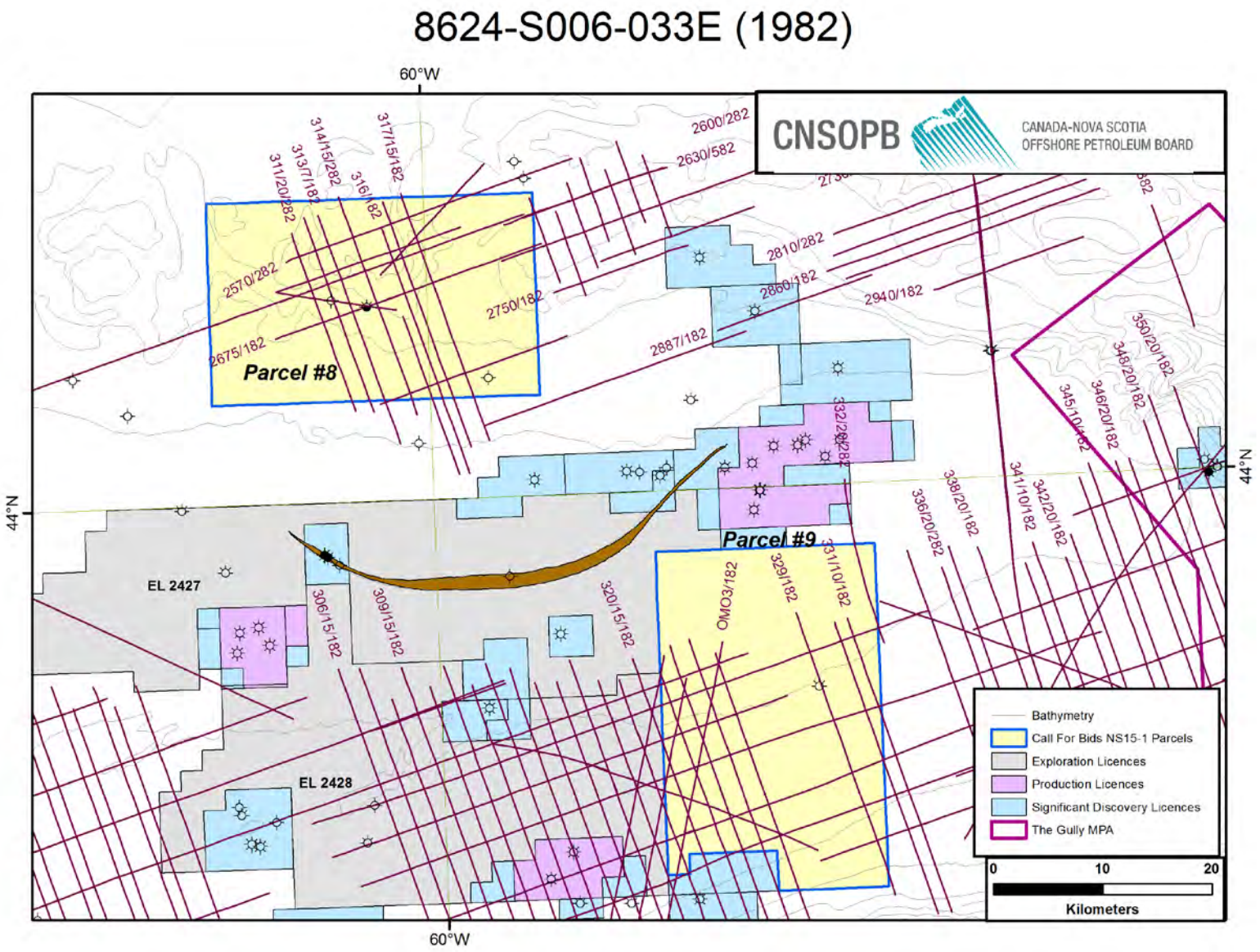


Figure 36: Location Map for 8624-S006-036E

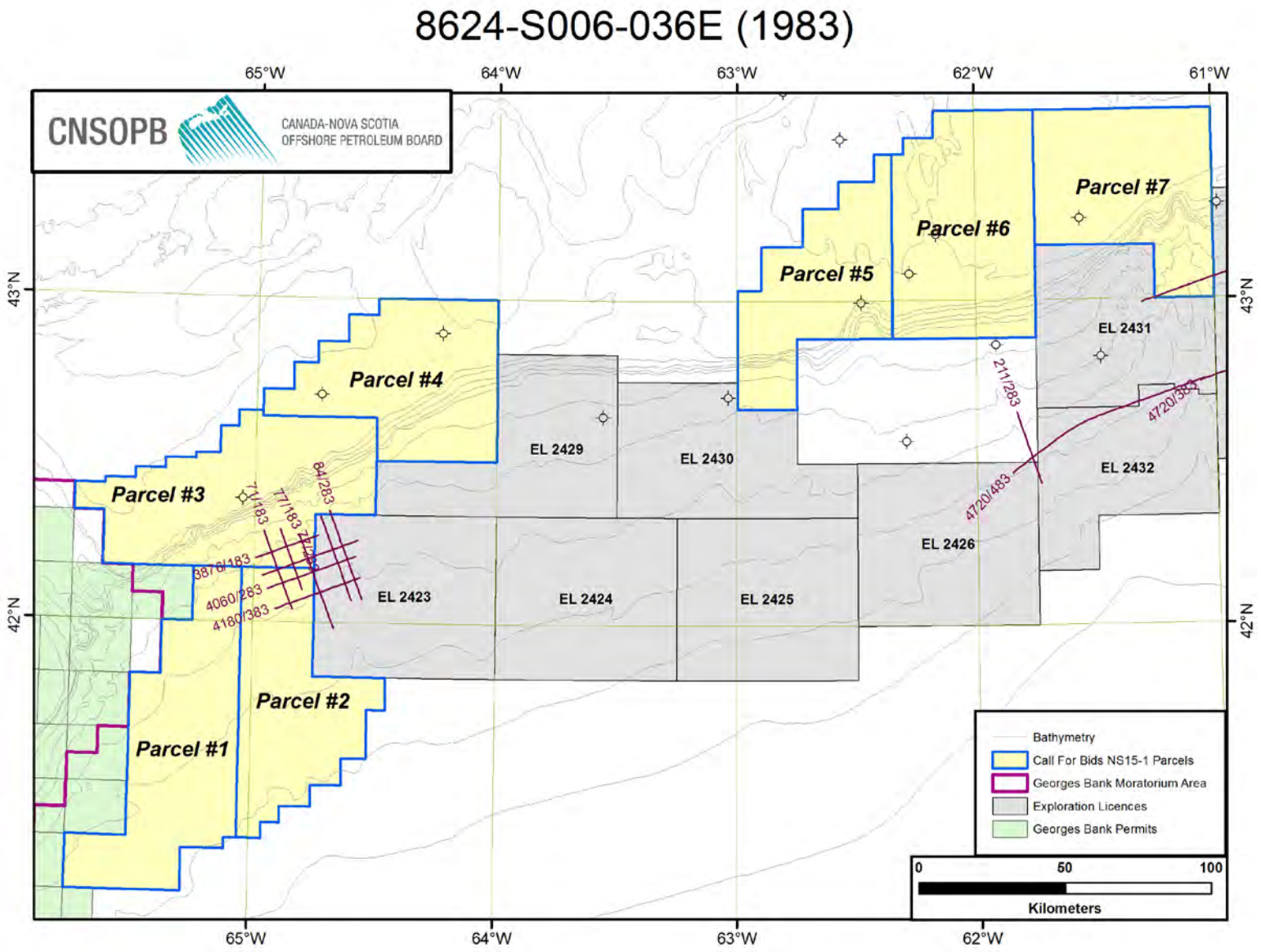


Figure 37: Location Map for 8624-S006-037E

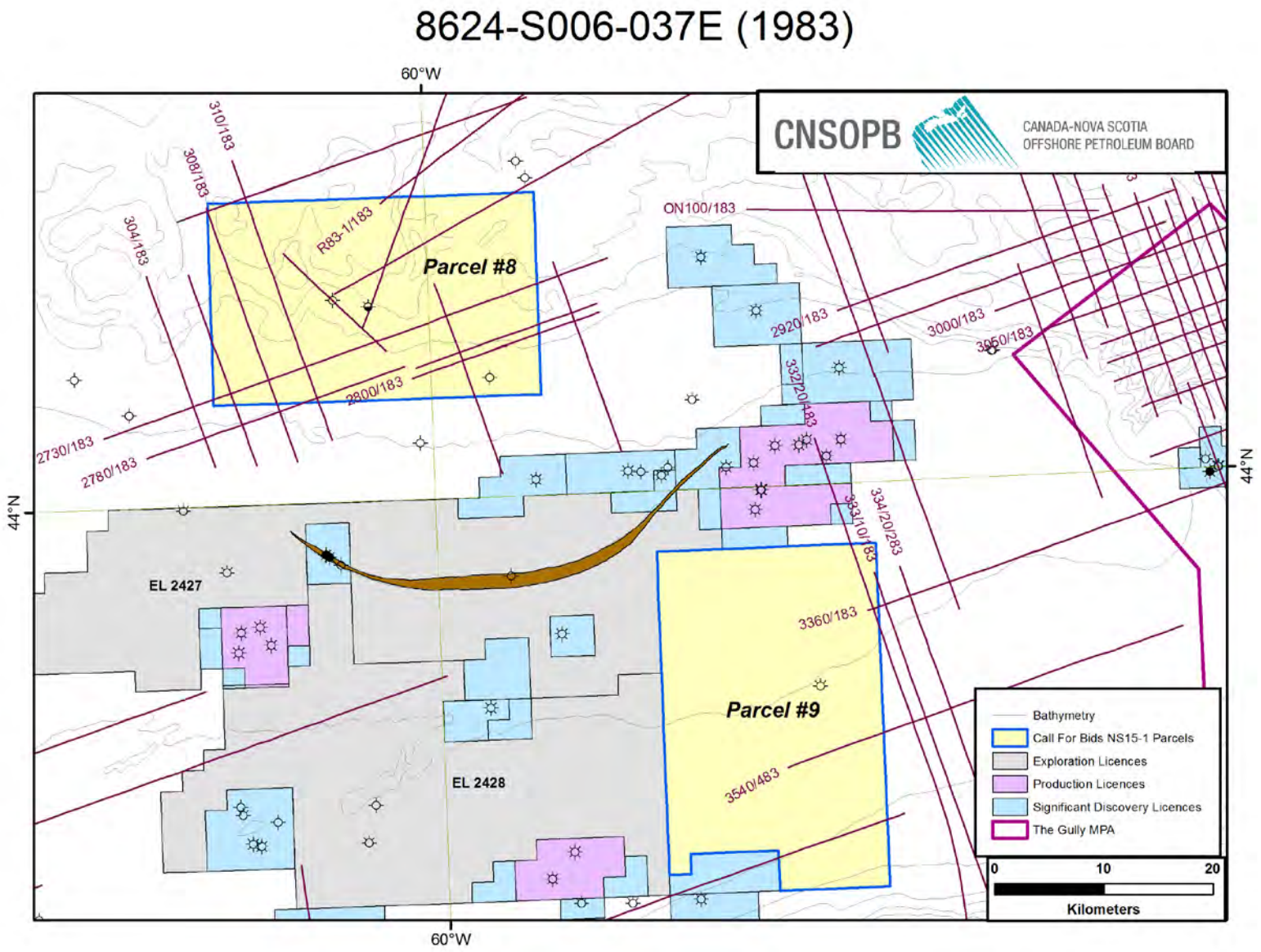


Figure 38: Location Map for 8624-S006-042E

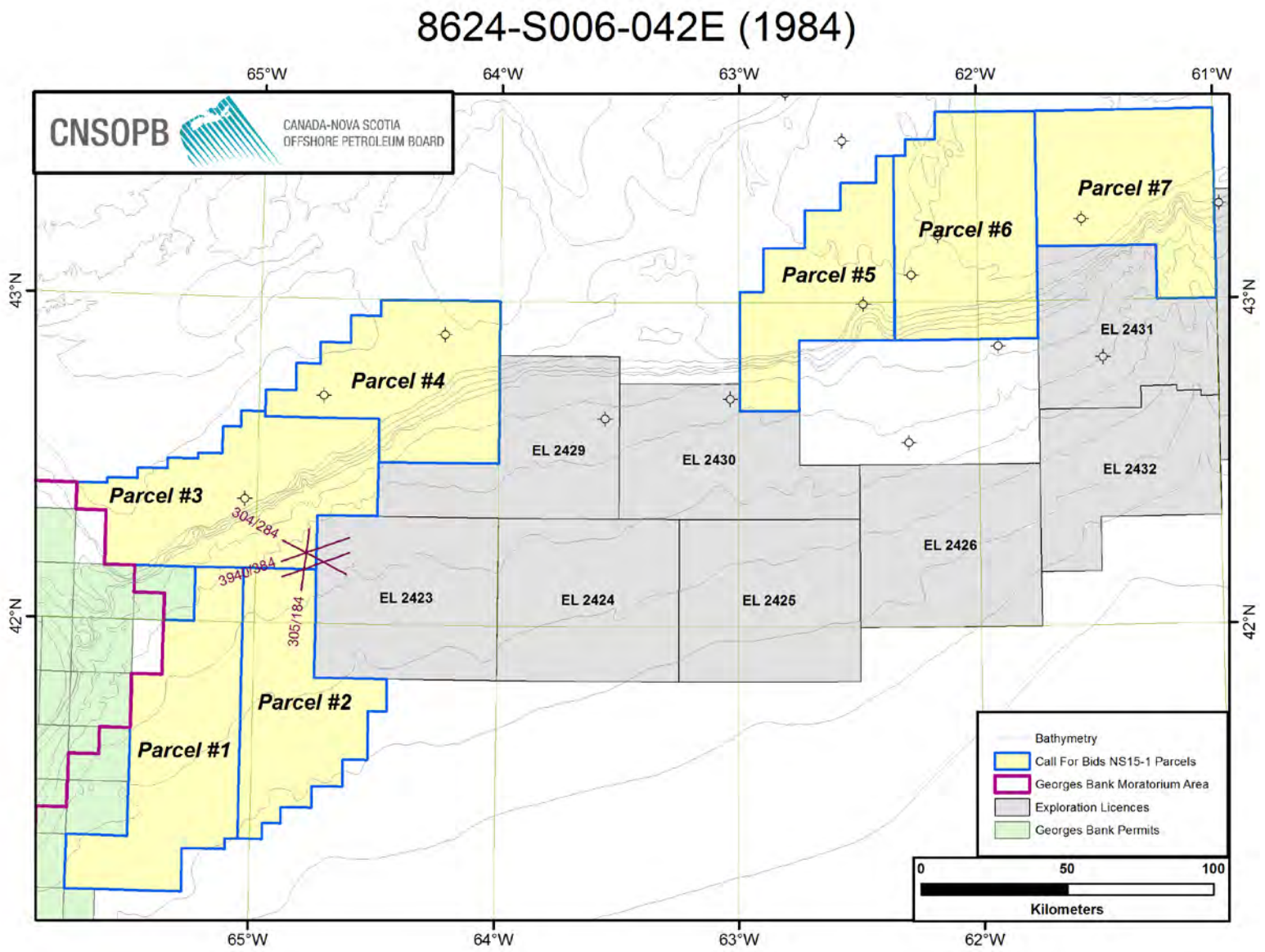


Figure 39: Location Map for 8624-S006-043E

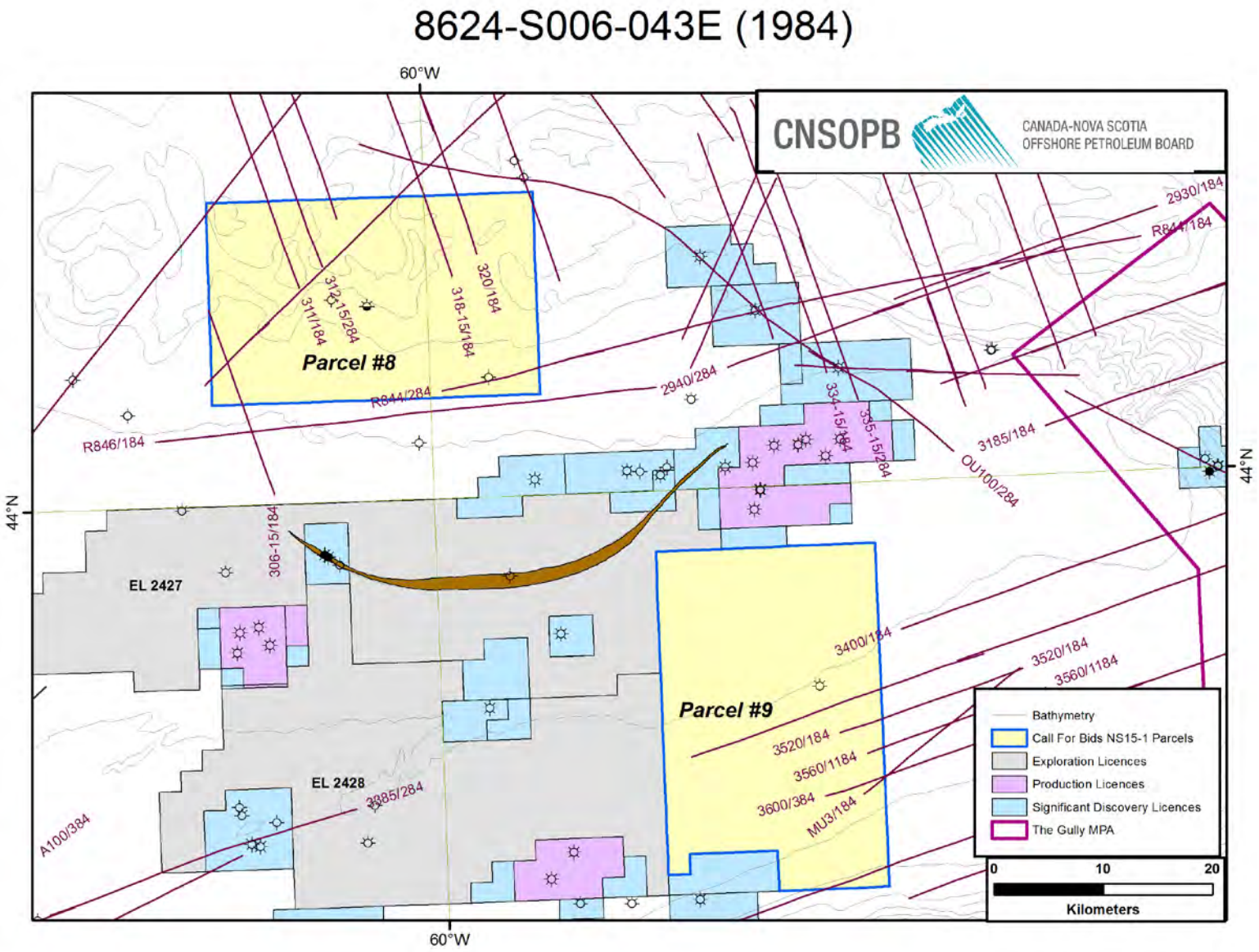


Figure 40: Location Map for 8624-S014-006E

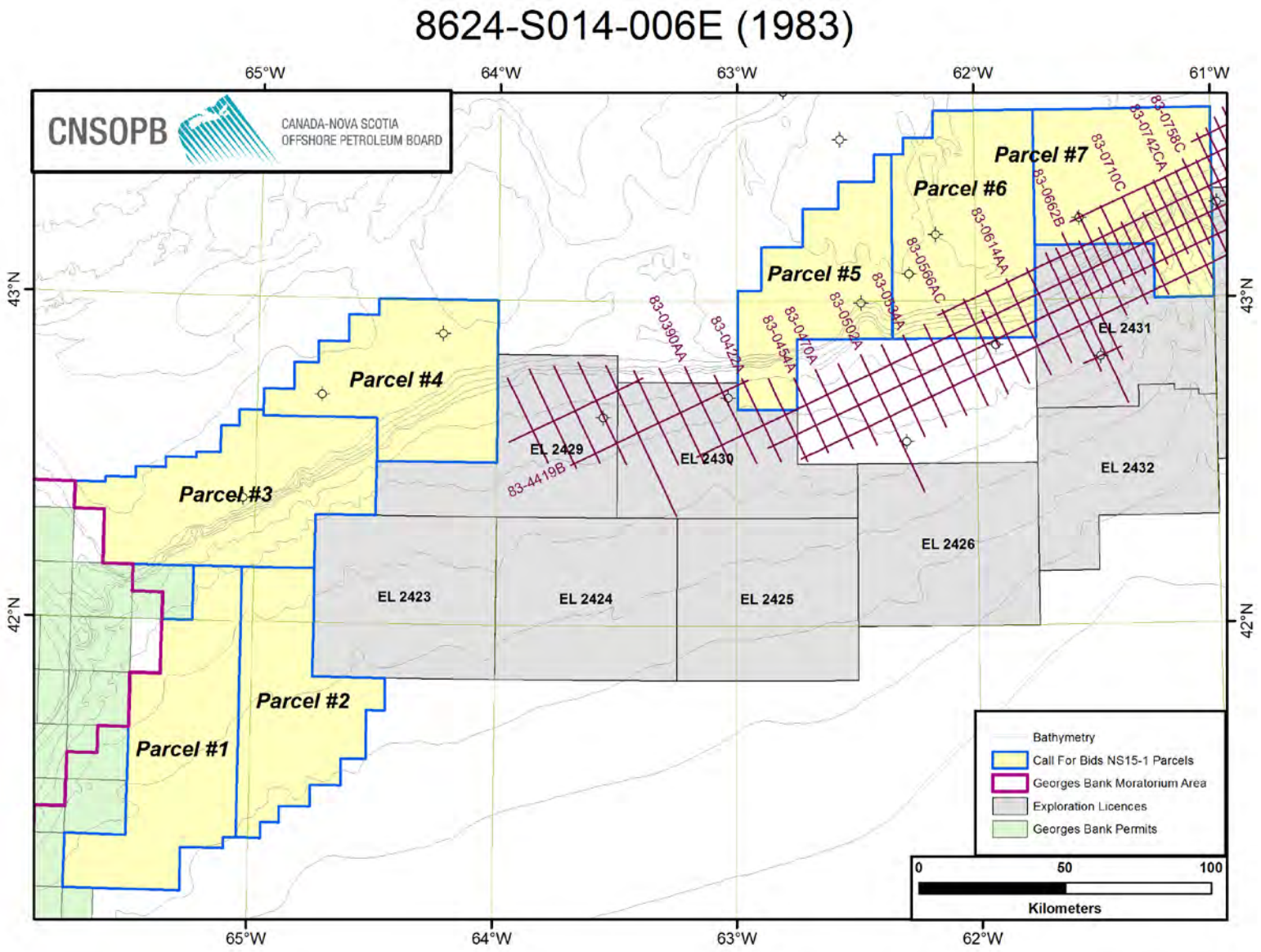


Figure 41: Location Map for 8624-T007-005E

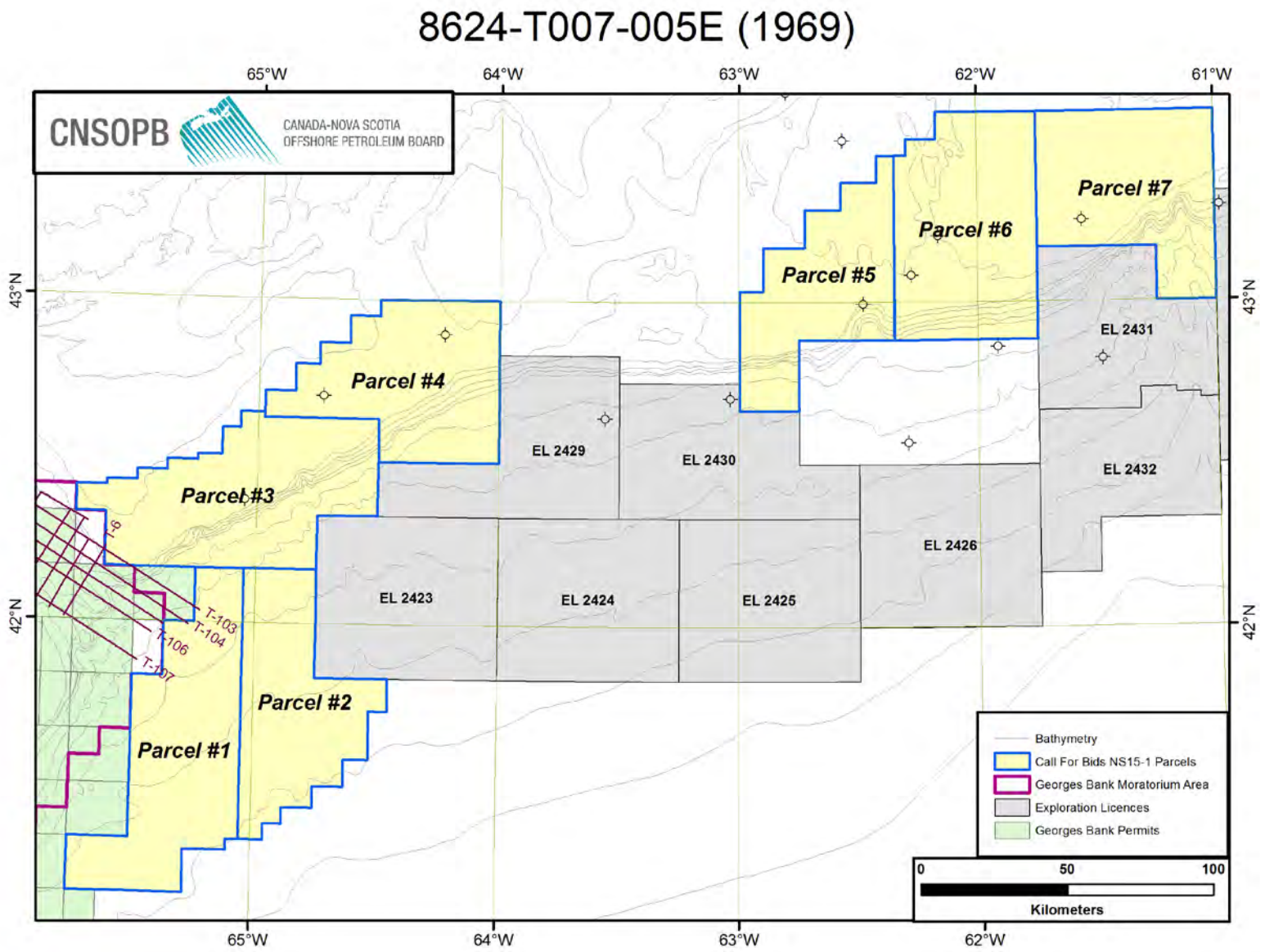


Figure 42: Location Map for 8624-T021-004E

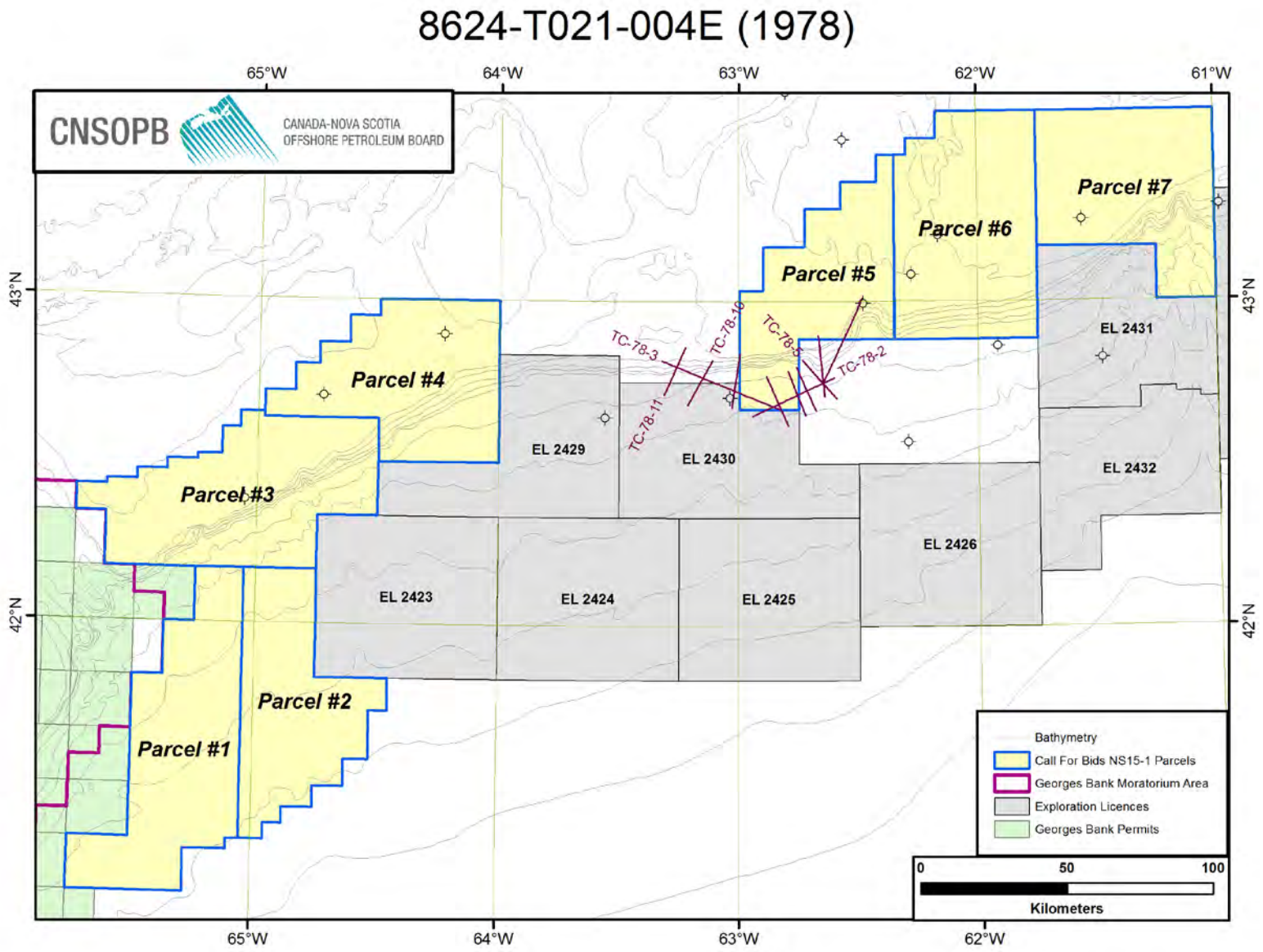


Figure 43: Location Map for 8624-W013-001P

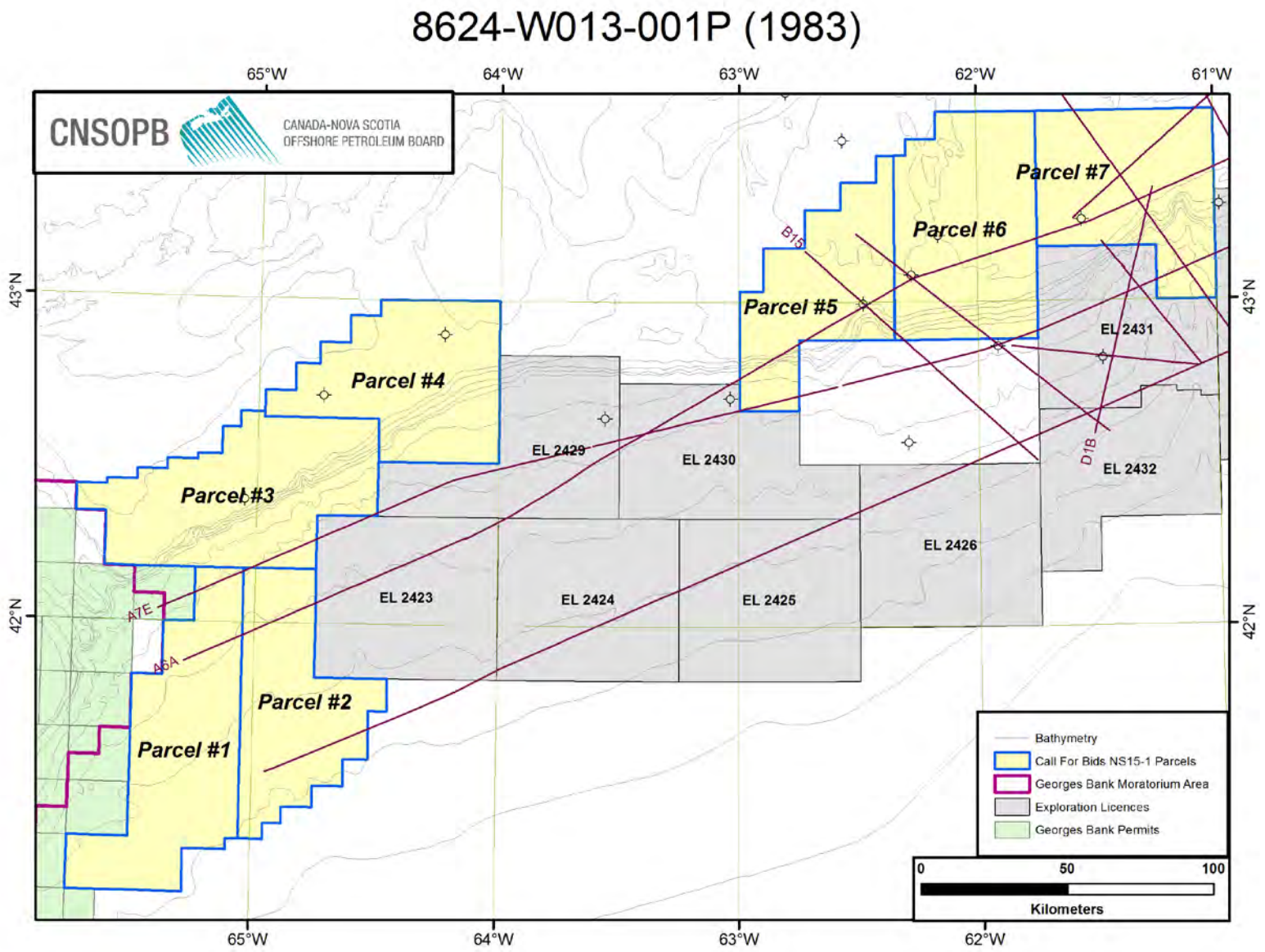


Figure 44: Location Map for 8624-W013-004P

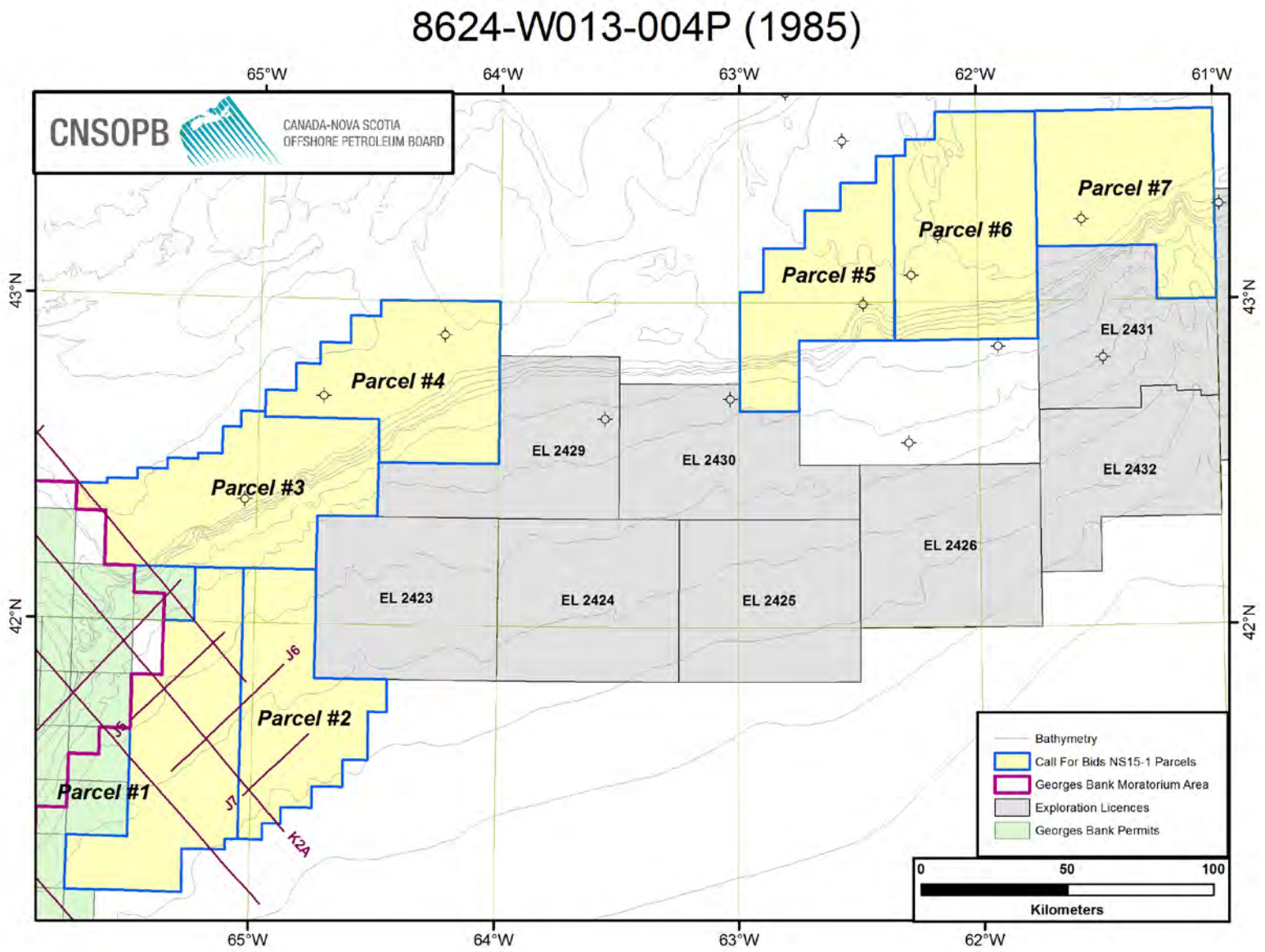


Figure 45: Location Map for 8624-W013-005P

8624-W013-005P (1986)

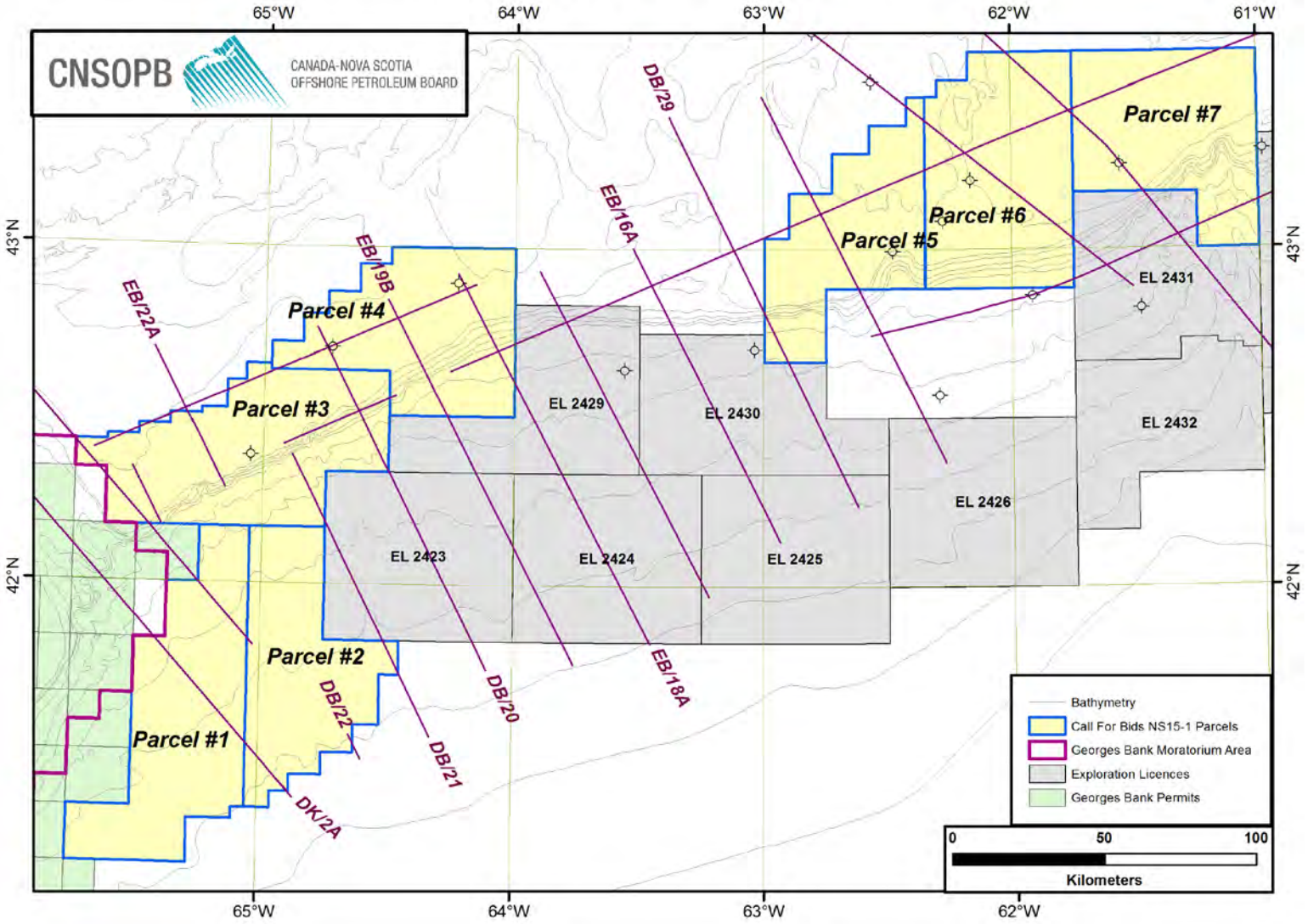


Figure 46: Location Map for BGR 1979

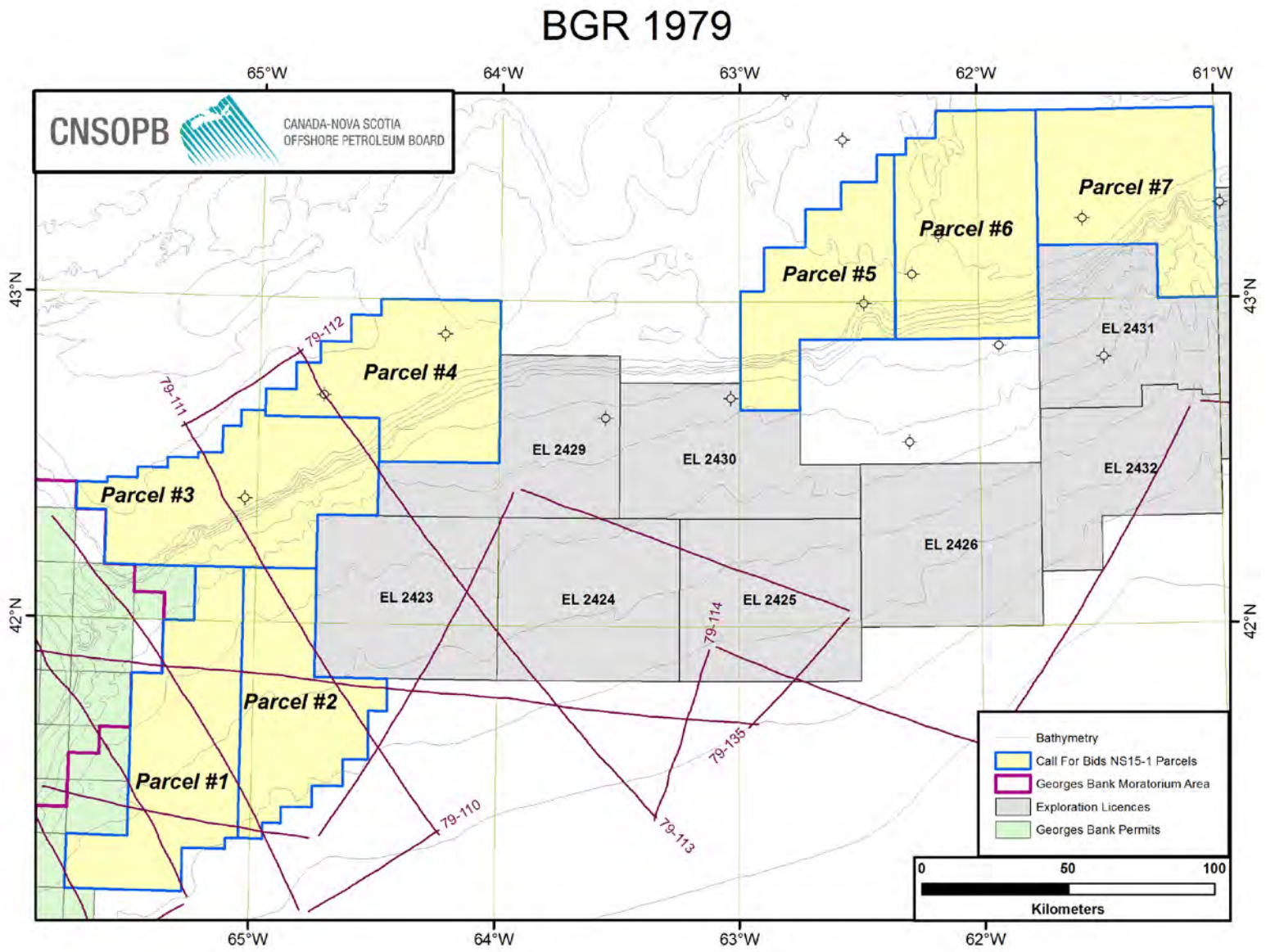


Figure 47: Location Map for GSC Open File 978

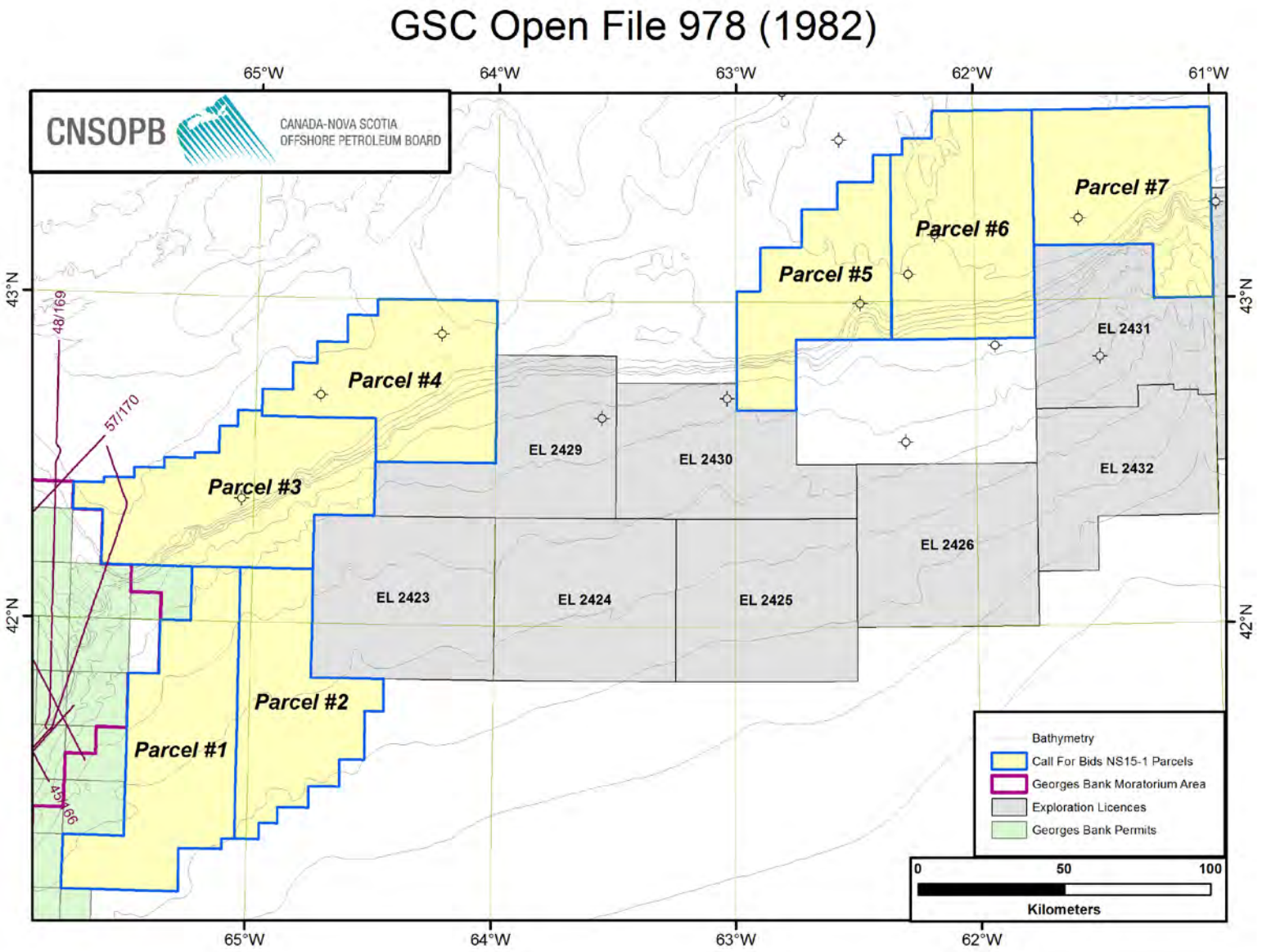


Figure 48: Location Map for Hudson 88-020

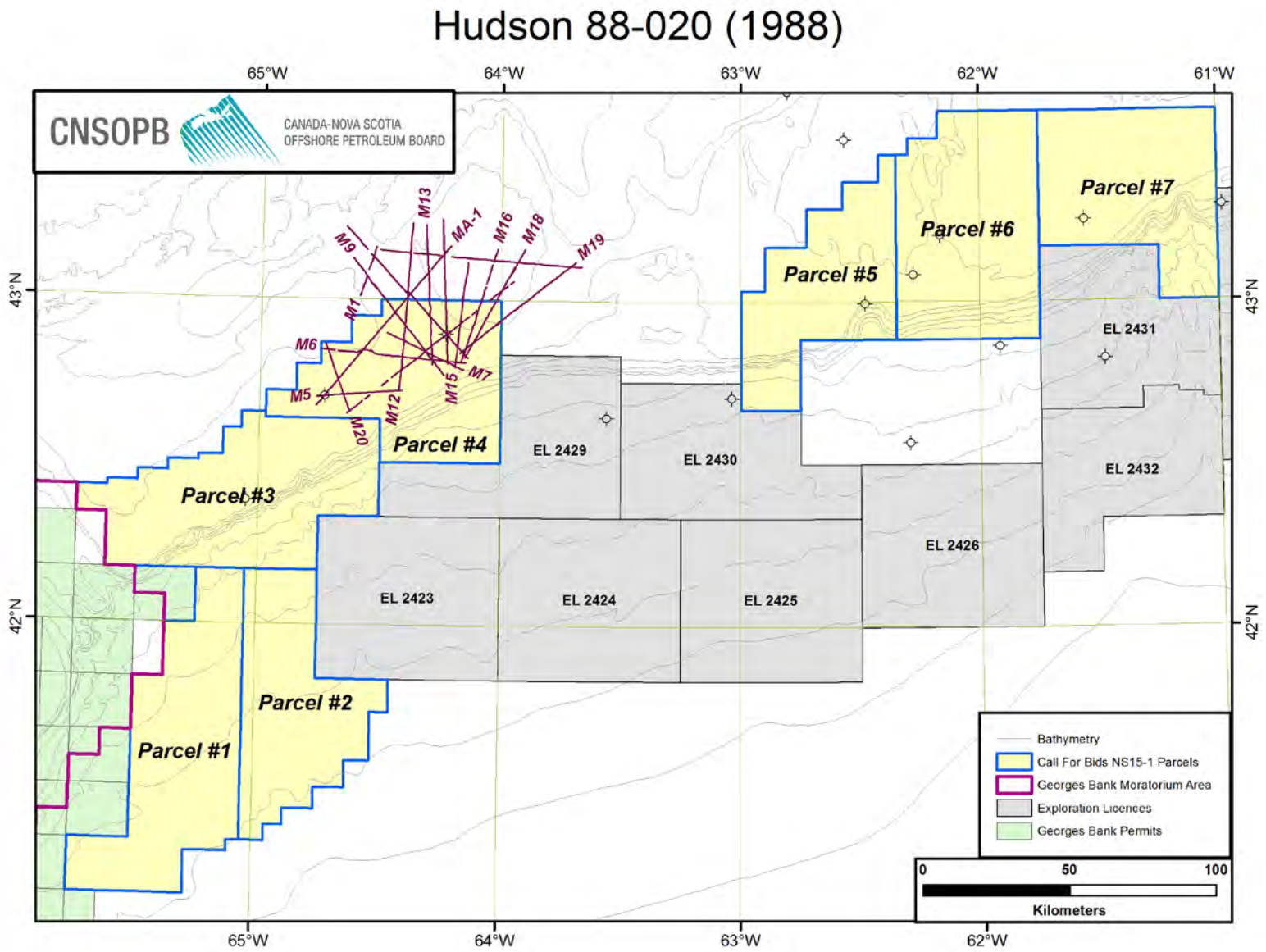


Figure 49: Location Map for Lithoprobe 1988

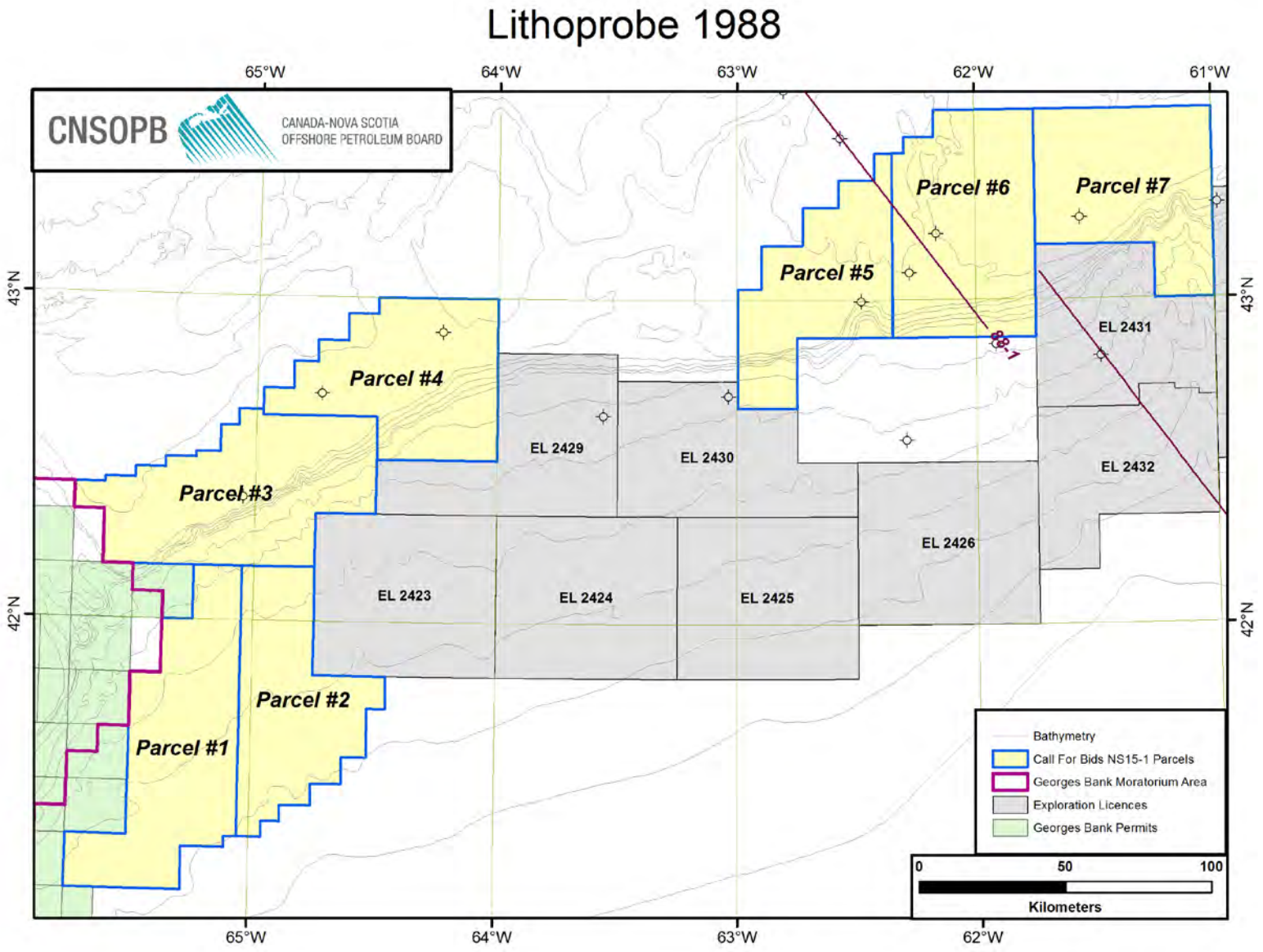


Figure 50: Location Map for NS24-E040-001E

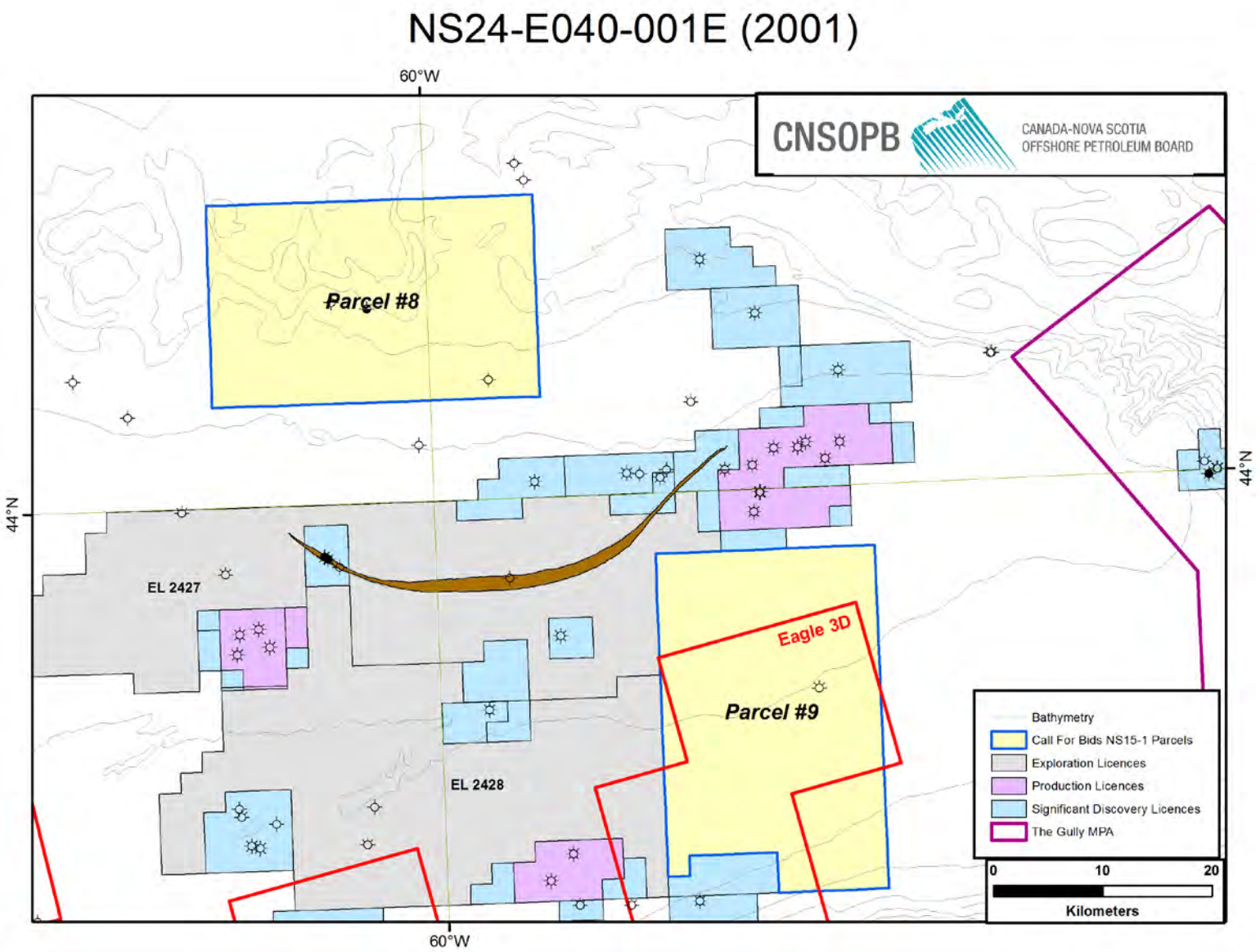


Figure 51: Location Map for NS24-G005-001P

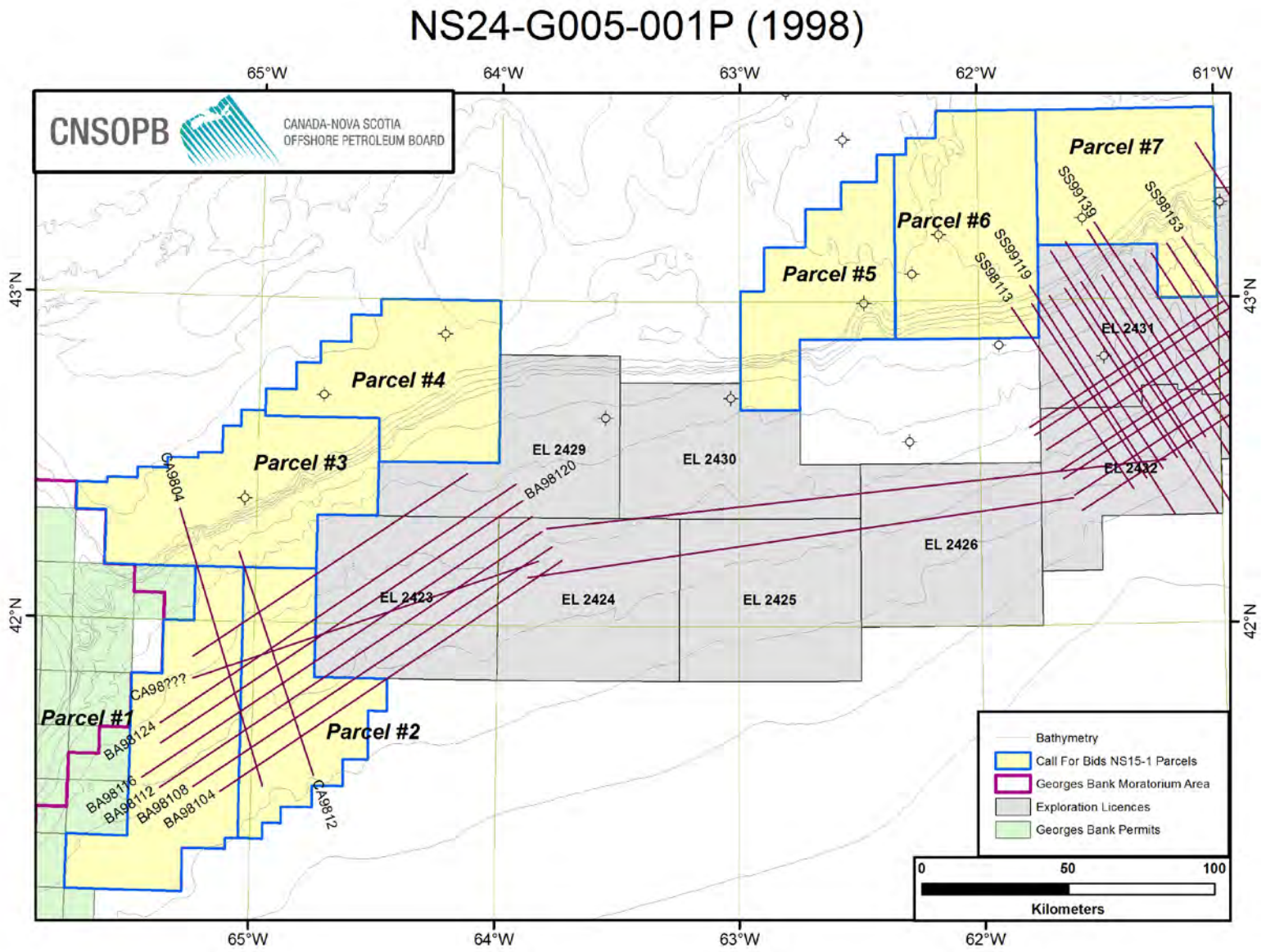


Figure 52: Location Map for NS24-G005-002P

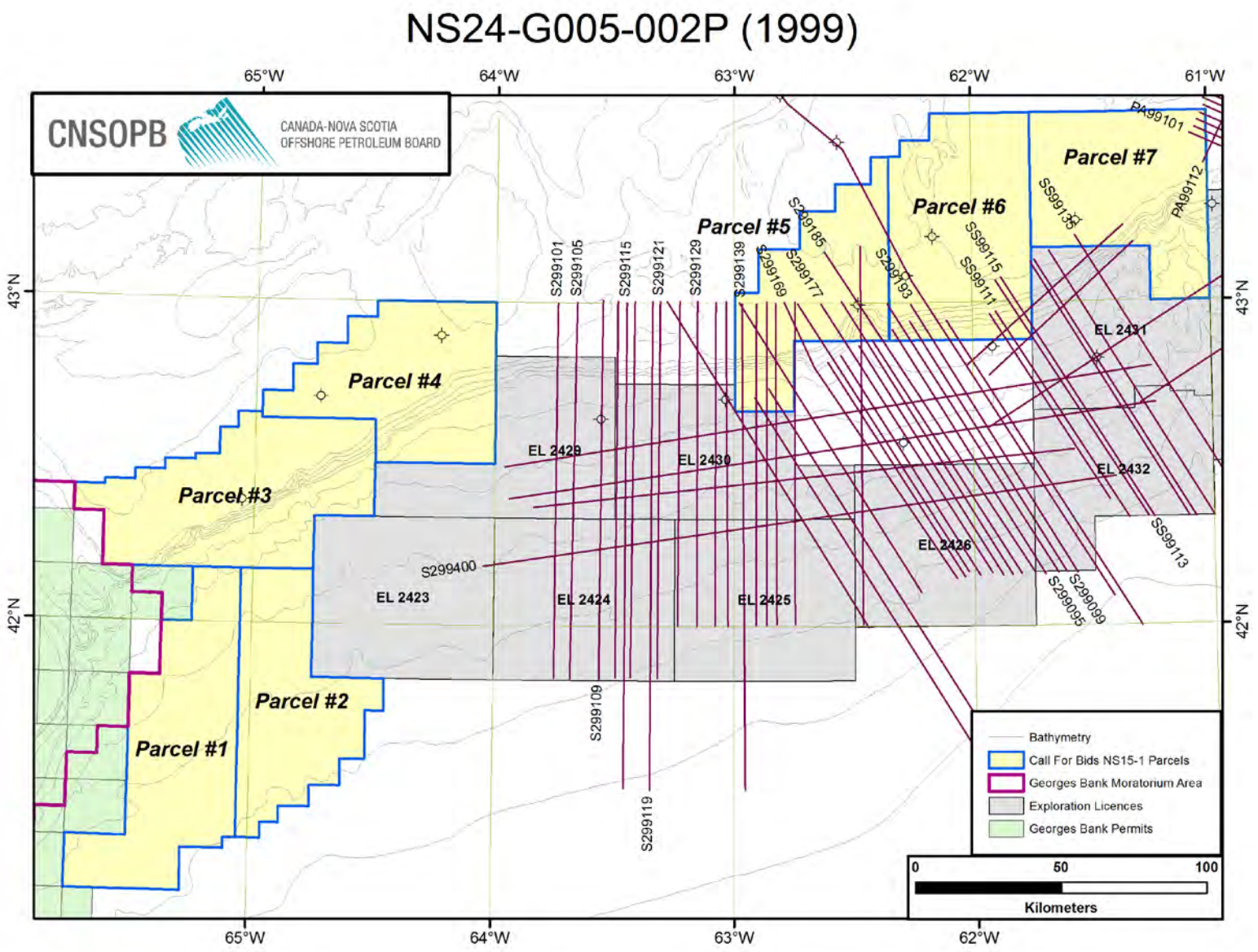


Figure 53: Location Map for NS24-G005-004P

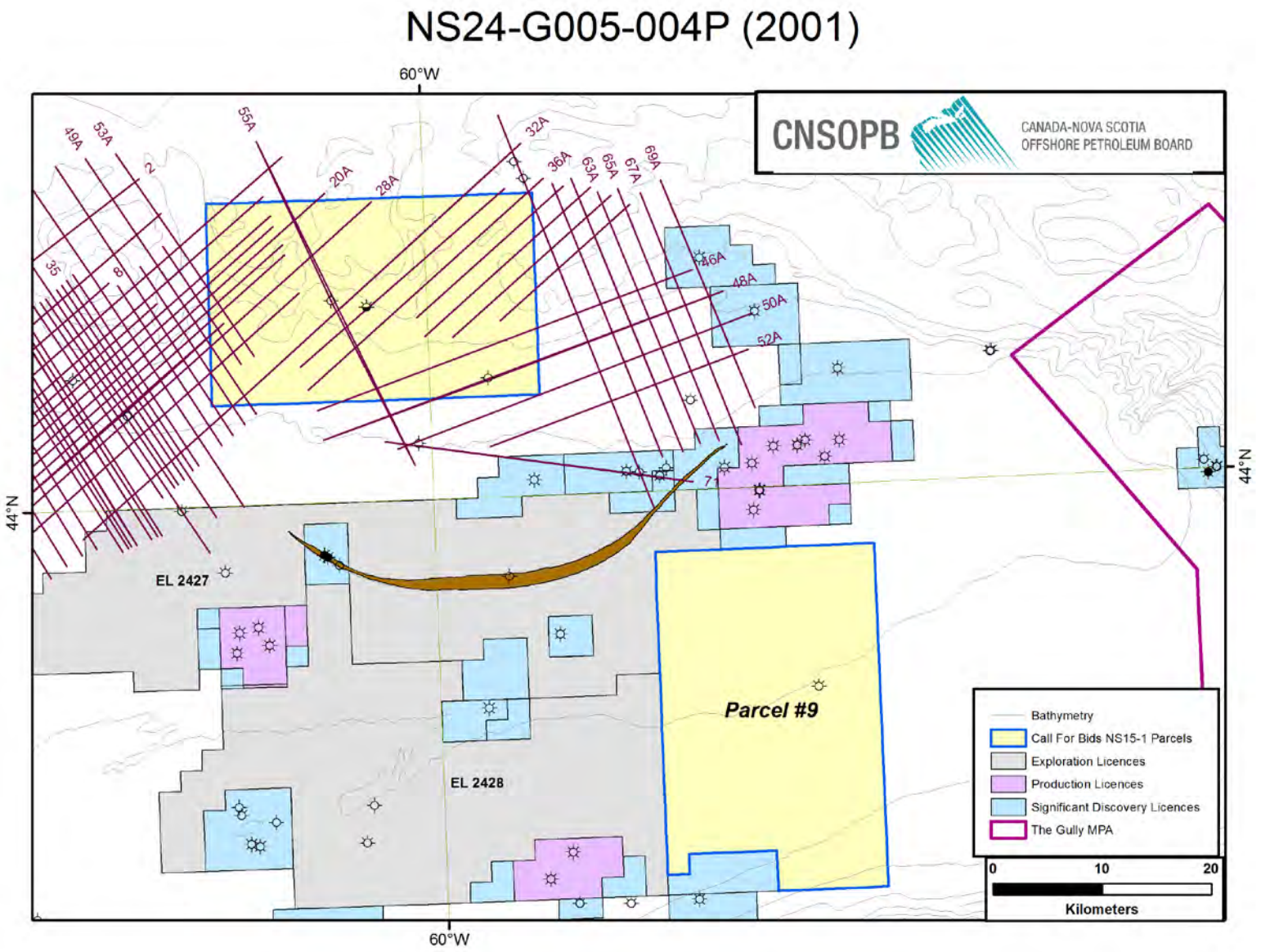


Figure 54: Location Map for NS24-G005-007P

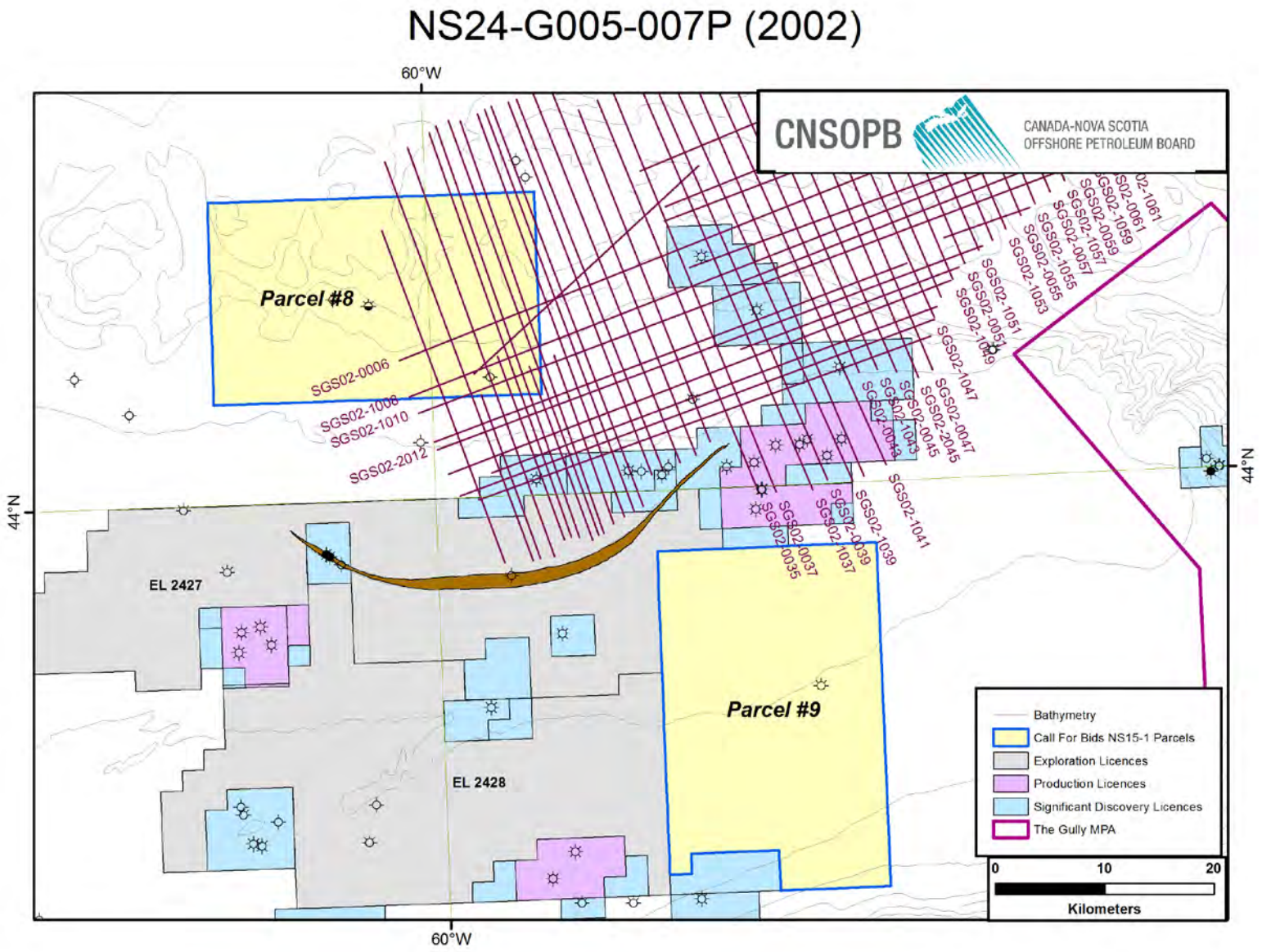


Figure 55: Location Map for NS24-G005-008P

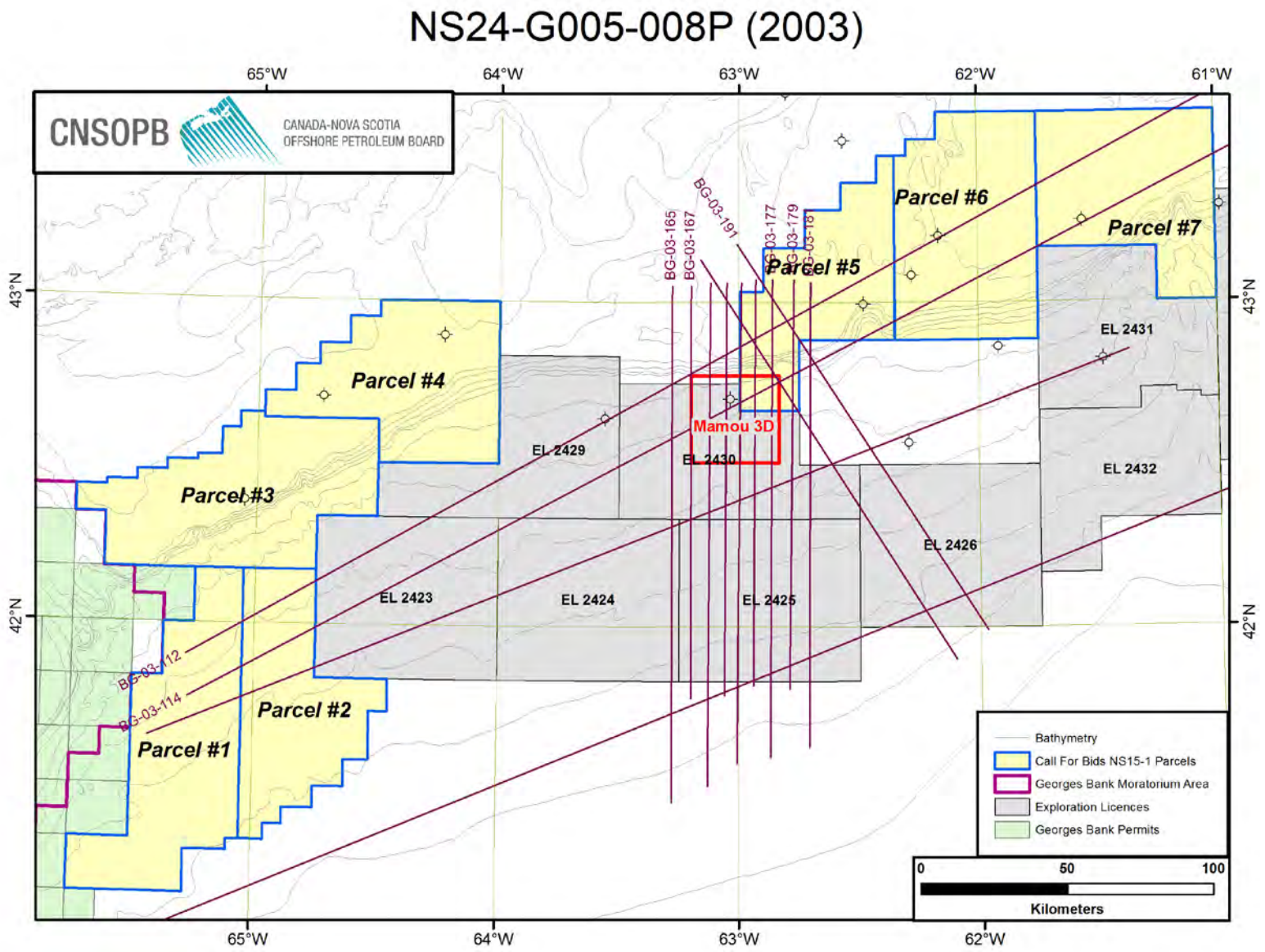


Figure 56: Location Map for NS24-G026-001P, G065-001P

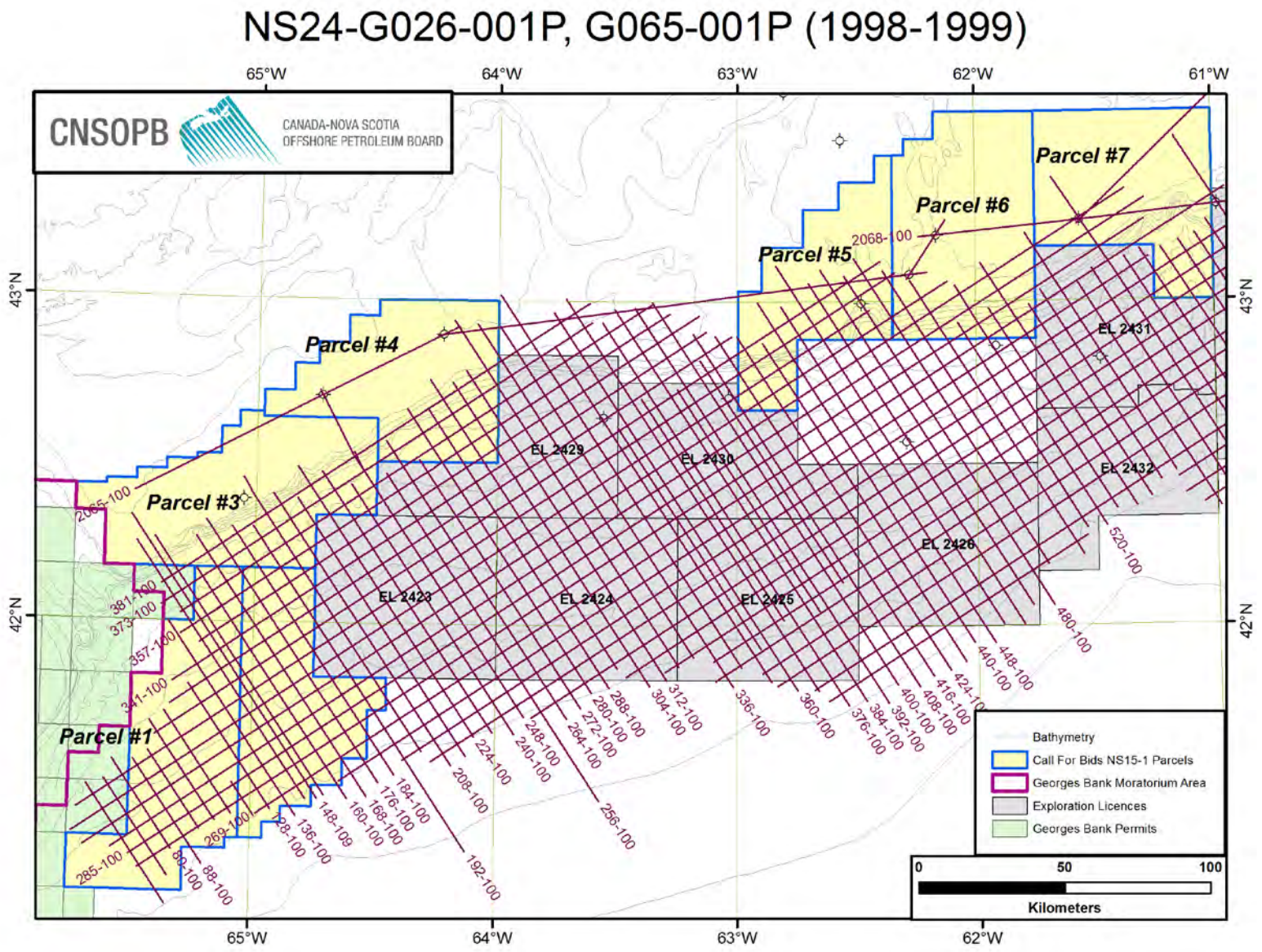


Figure 57: Location Map for NS24-G075-003P

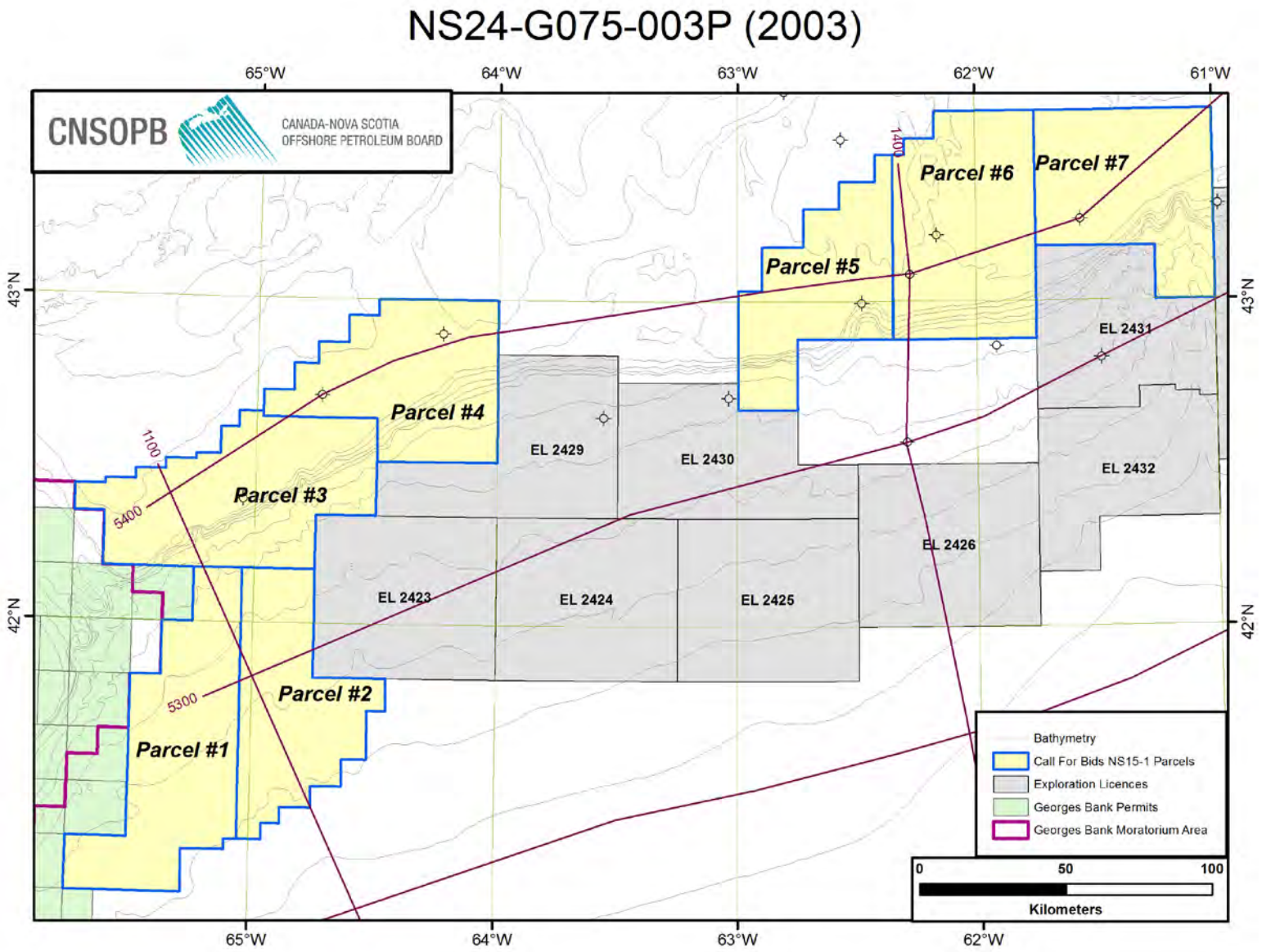


Figure 58: Location Map for NS24-M003-003E

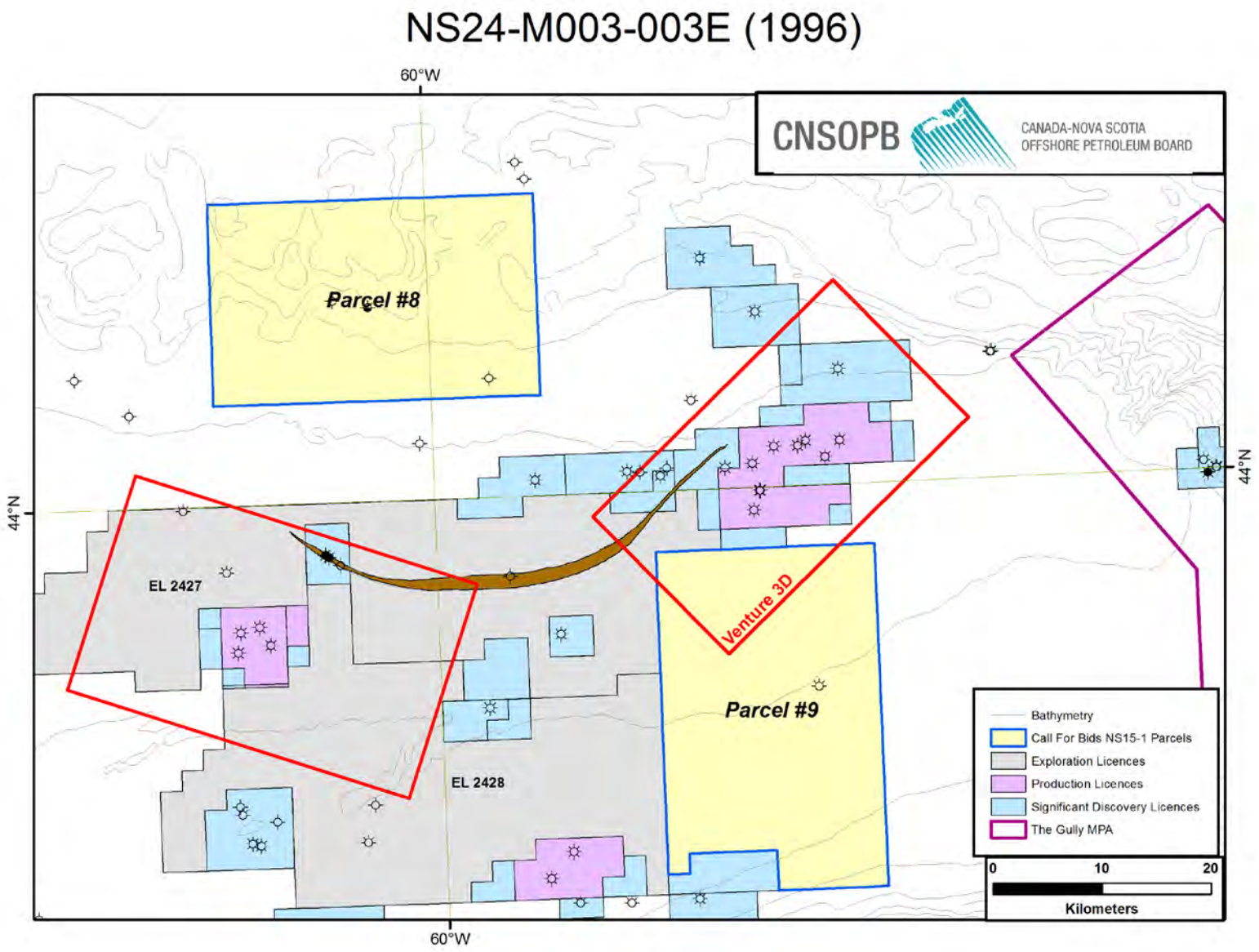


Figure 59: Location Map for NS24-M003-007E

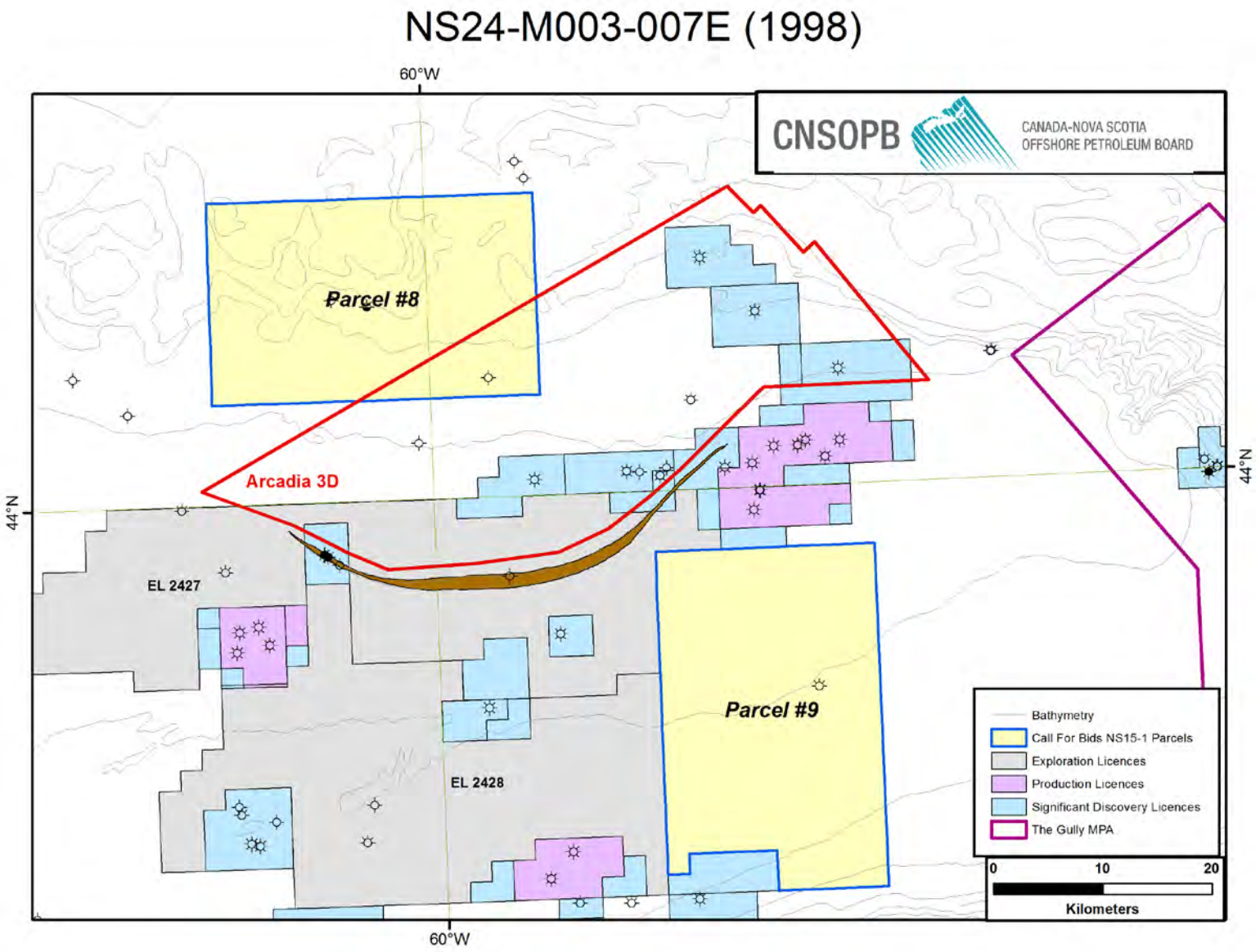


Figure 60: Location Map for NS24-M003-010E

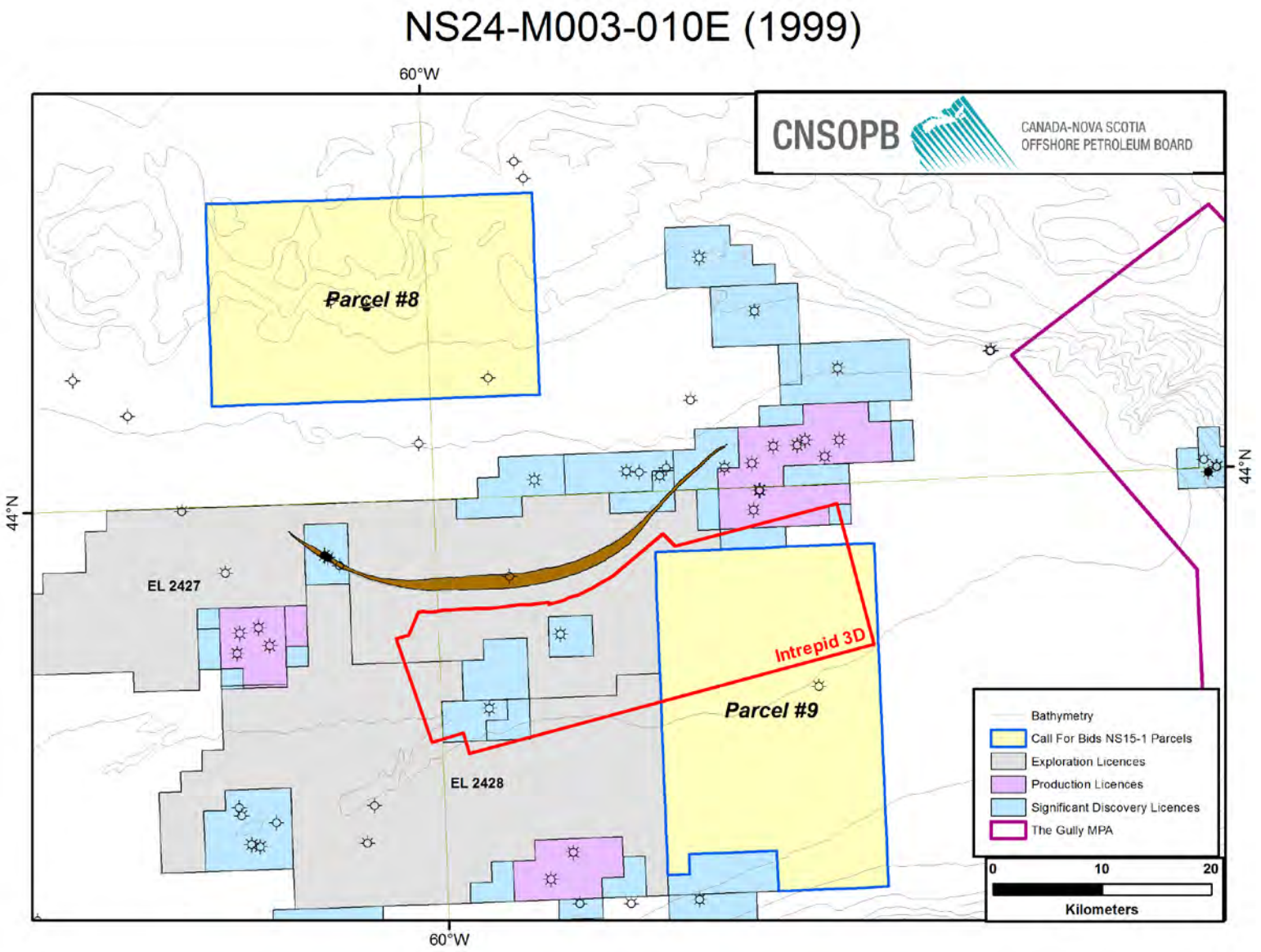


Figure 61: Location Map for NS24-N011-001E

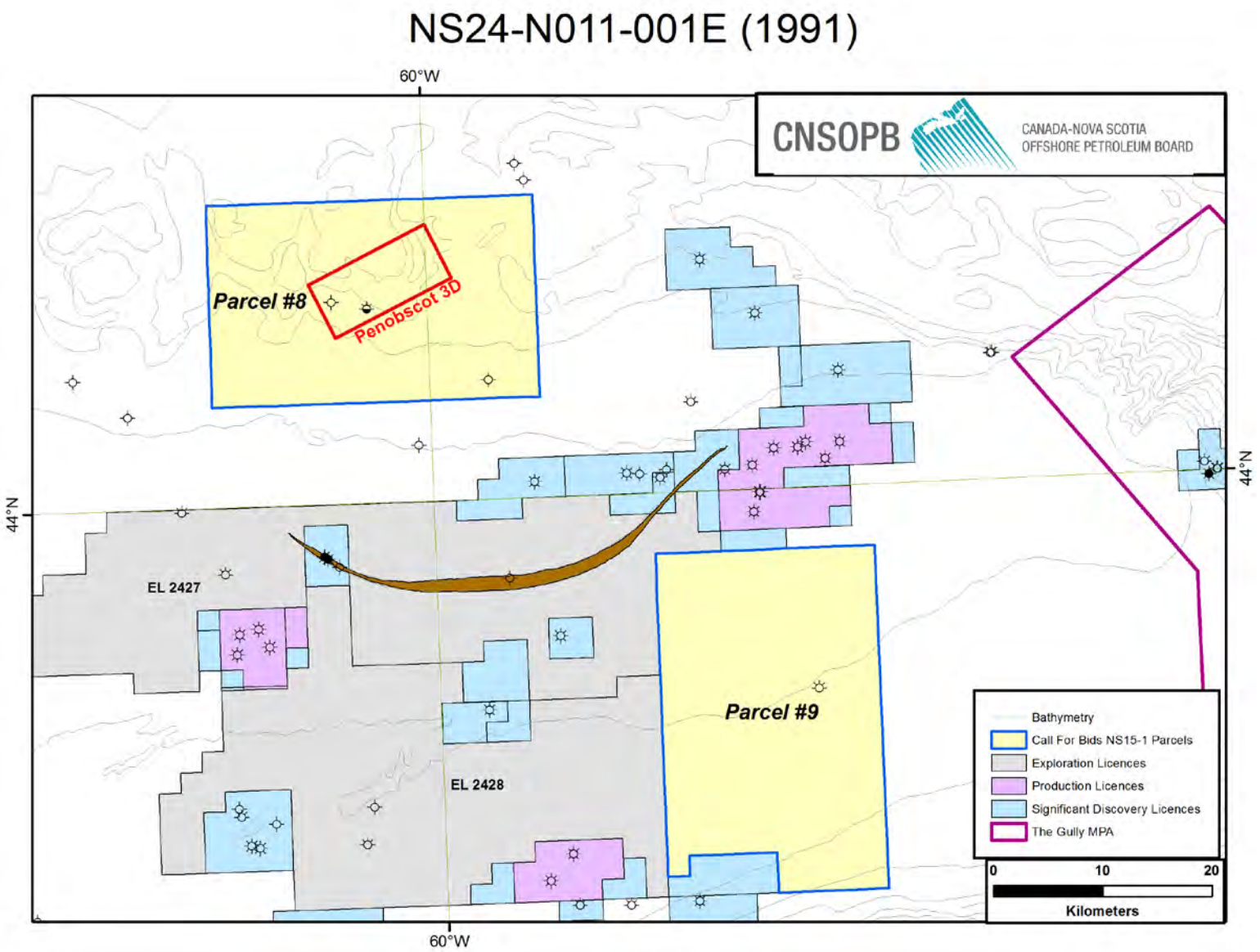


Figure 62: Location Map for NS24-S006-001E,002E

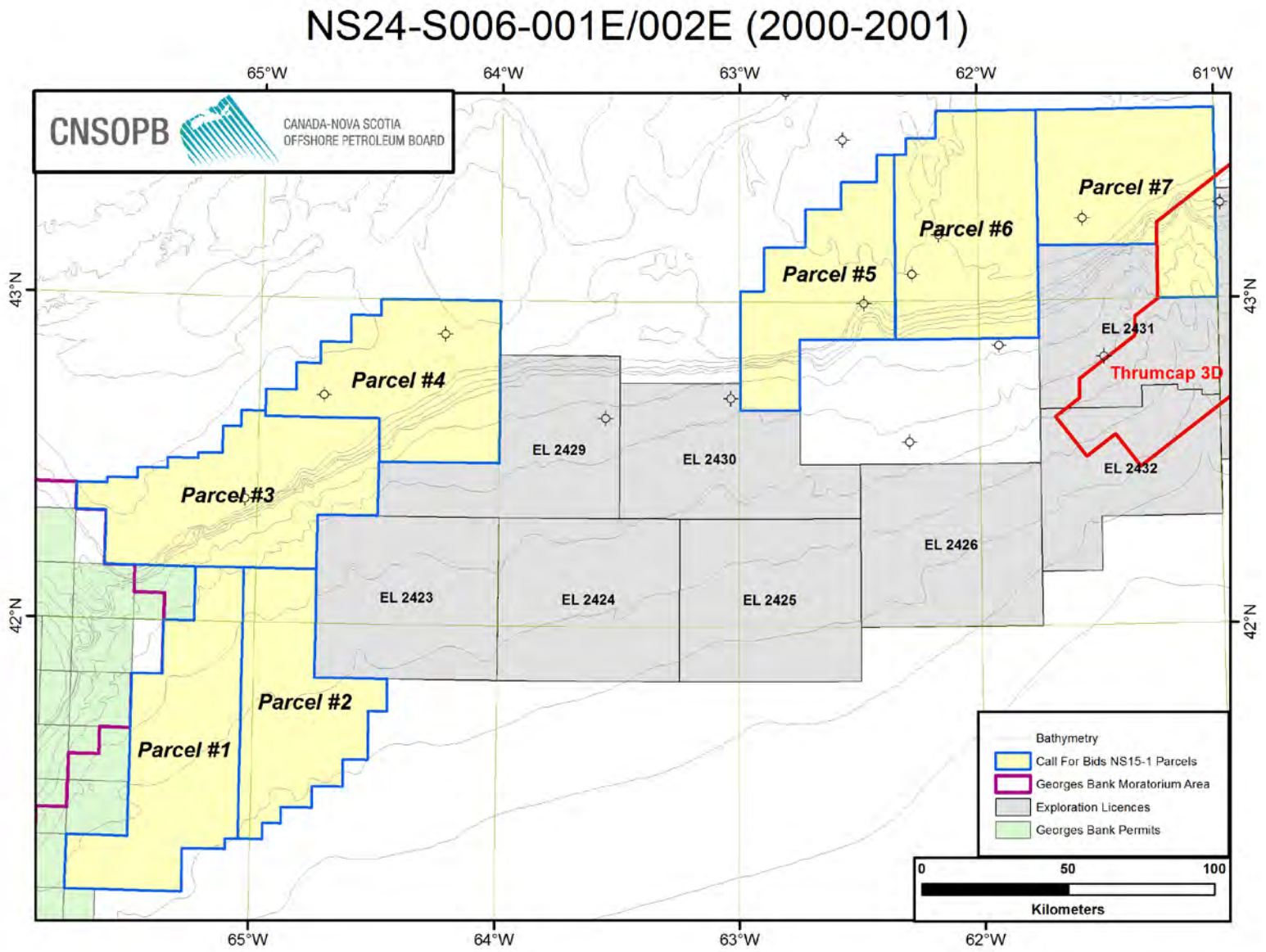


Figure 63: Location Map for NS24-T063-004P

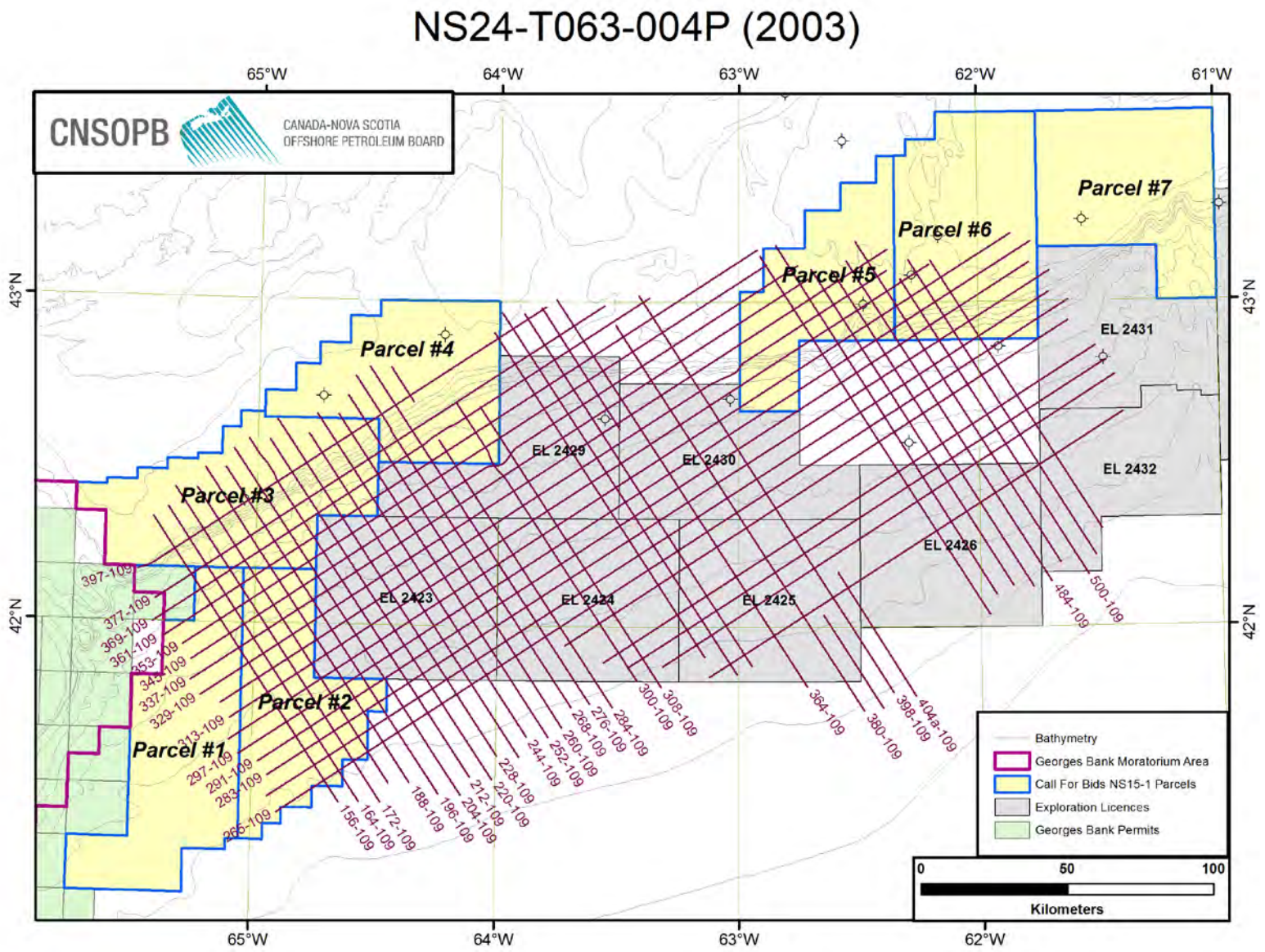


Figure 64: Location Map for NS24-W013-001P

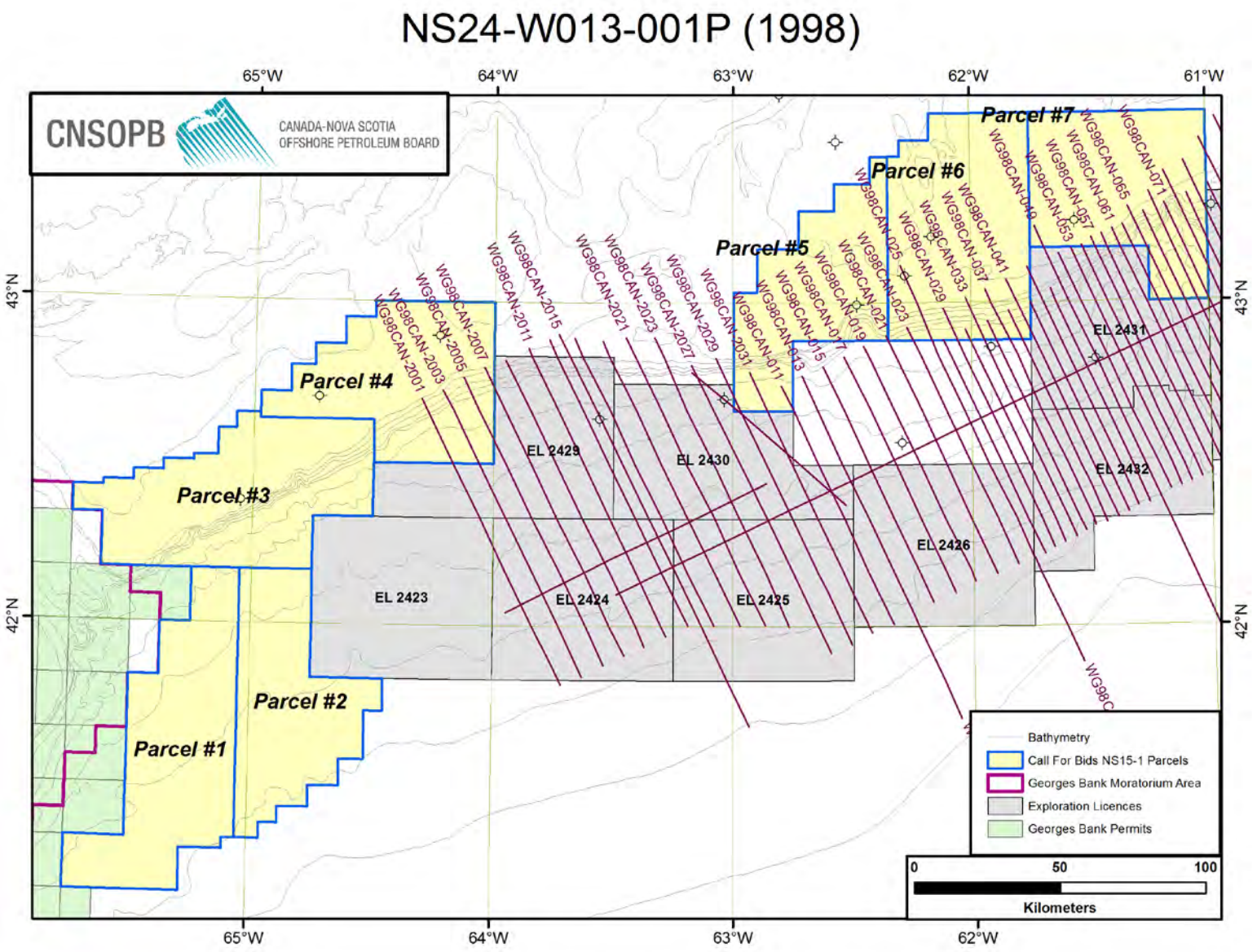


Figure 65: Location Map for NS24-W013-002P, 003P

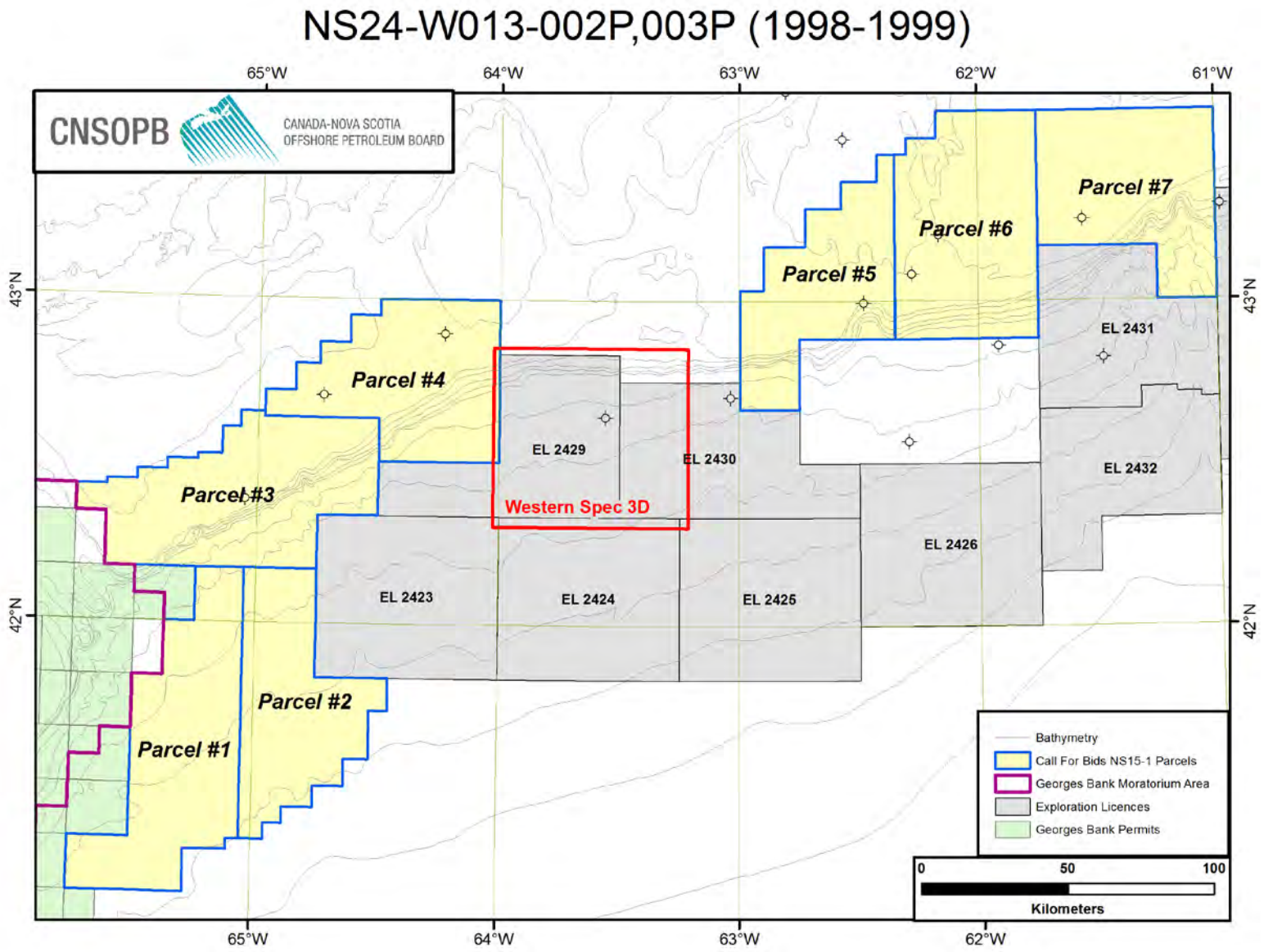


Figure 66: Location Map for NS24-W030-001P

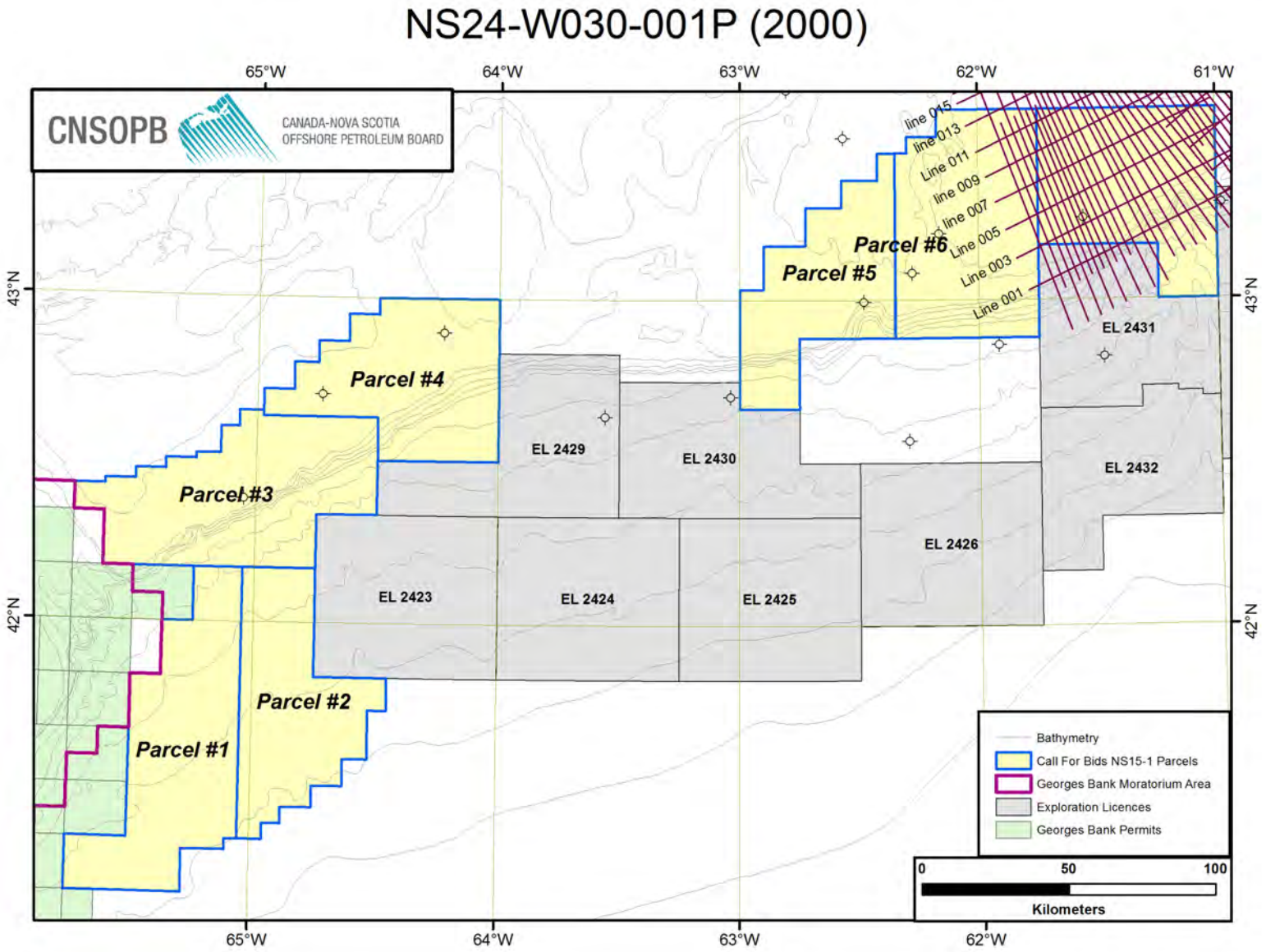
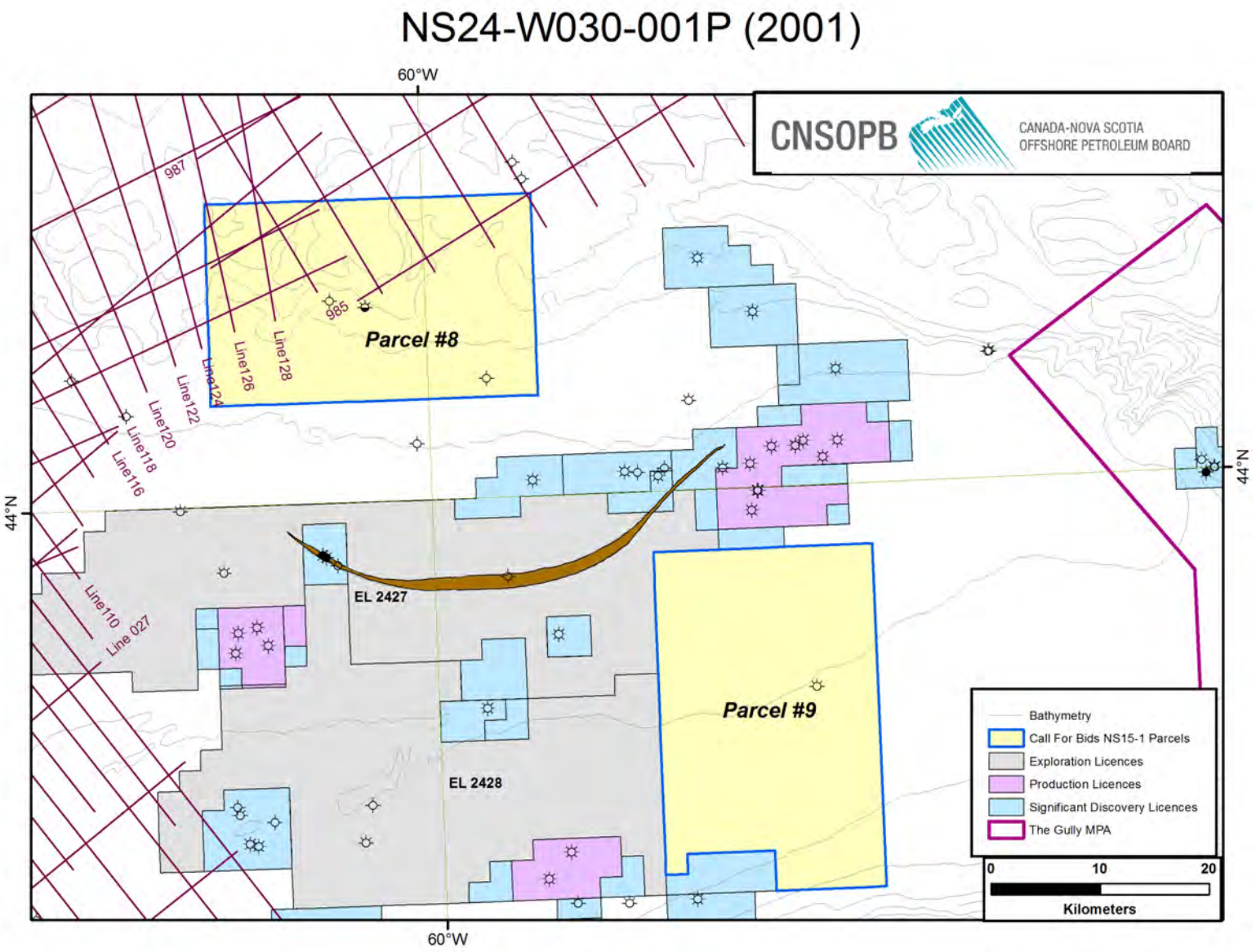


Figure 67: Location Map for NS24-W030-001P, Parcels 8-9



6. Seismic Data Information Contacts

A) Natural Resources Canada

Visit natural Resources Canada website for data request:
Website: http://gdr.nrcan.gc.ca/seismtlitho/archive/le/index_e.php

B) LaMont-Doherty Earth Observatory
Columbia University/ Earth Institute

Website http://www.marine-geo.org/index.php

C) BGR (Bundesanstalt fur Geowissenschaften und Rohstoffe)
(Federal Institute for Geosciences and Natural Resources)

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