

Supplementary Table A. Public domain seismic data in Greenland (government data, relinquished data), data and detailed information available from GEUS

<i>Operator (cosponsor)</i>	<i>Survey(s)</i>	<i>Vessel</i>	<i>Km</i>	<i>Area (main)</i>	<i>Purpose</i>
ARCO	86V 87D 88V 88D 89D	Onshore vibro- and dynamite seismic	1798	Jameson Land, EG: 70-72	License data, regular grid
GGU (MRA)	GGU-90	Agnich	3295	SWG: 62- 65, 68-70	Regional database
Halliburton	HGS-90	Agnich	1924	WG: 64-67	Regional database
GGU (MRA)	GGU-91	Thetis	336	WG: 65	Regional database
GGU (MRA)	GGU-92	Thetis	3032	WG: 63-68	Regional database
Nunaoil	NUNA-94	Thetis	1724	SWG: 63-64	Infill in Fylla region
GGU (MRA, MO)	GGU-95	Thetis	3745	WG: 64-71	Regional database + grid on Kangamiut Ridge
Nunaoil	NUNA-97	Thetis	2115 + 115	WG: 63-67	Regional database, Fylla extension W, Sisimiut-W extension
Statoil (operator)	ST-97	Thetis	2194	SWG: 63-64	Fylla license data
Nunaoil	NUNA-98	Thetis	1899	WG: 66-71	Regional database, Sisimiut-W extension N and E
Statoil (operator)	ST-98	Thetis	186	SWG: 63-64	Fylla license data
Statoil (operator)	ST-9896	Geo-Scanner	171	SWG: 63-64	Fylla license data, site survey
Fugro-Geoteam	FN-98 and FS-98	Geo-Scanner	3127	WG: 63-65	Regional database, Fylla extension N and S
Statoil	ST-99	Professor Polshkov	334	SWG:63-64	Fylla license data
Phillips Petroleum (operator)	PH99	Professor Polshkov	1416	WG: 66-68	Sisimiut-W license data
Phillips Petroleum (operator)	PH2000	Thetis	1297	WG: 66-68	Sisimiut-W license data
GEUS (BMP)	BMP2000	Thetis	1340	NWG: 68-70	Regional database Baffin Bay, infill Melville Bay Graben and Kivioq Basin
Statoil (operator)	FY-01	Zephyr 1	948	SWG: 63-64	Fylla license data (obligation of work programme)

Supplementary Table B. Modern non-exclusive seismic data in Greenland

<i>Operator (cosponsor)</i>	<i>Survey- name</i>	<i>Vessel</i>	<i>Km</i>	<i>Area</i>	<i>Purpose, highlights</i>
TGS-Nopec	Green99	Professor Polshkov	2896	WG: 64-68	Regional database
TGS-Nopec	SW00	Zephyr 1	584	WG:66-67, Canada	Regional lines, Sisimiut W extension to Canada
TGS-Nopec	Green00	Zephyr 1	4526	WG:63-66	Regional database, prep. of 2002 round
TGS-Nopec	KR00	Zephyr 1	1104	WG: 66-67	Infill on Kangamiut Ridge, prep. Of 2002 round
TGS-Nopec	GRC01	Zephyr 1	2828	WG: 62-68, Canada	Regional database, "coast to coast"
TGS-Nopec	Green01	Zephyr 1	904	WG	Regional database, prep. of 2002 round
TGS-Nopec (BMP)	GRC02	Professor Polshkov	1826	WG: 61-64 Canada	Regional database, "coast to coast"
TGS-Nopec (BMP)	KF02	Professor Polshkov	287	SWG: 58-61	Regional database, Kap Farvel area
TGS-Nopec (BMP)	DW02	Professor Polshkov	2235	WG: 68-72	Regional database (first rotated blocks and DHI's)
TGS-Nopec (Nunaoil)	Green02	Professor Polshkov	2416	WG: 67-71	Regional database
TGS-Nopec (BMP)	KF03	Geolog Dmitriy Nalivkin	1113	SWG: 58-60	Regional database, Kap Farvel area
TGS-Nopec	BLF03	Geolog Dmitriy Nalivkin	2016	WG: 63-64	Prep. of 2004 round: area 1: Lady Franklin Basin, prospects
TGS-Nopec (BMP)	FBSE03	Geolog Dmitriy Nalivkin	633	WG: 63-64	Prep. of 2004 round: area 4: Fylla Bank SE, prospects
TGS-Nopec (EnCana)	Green03	Professor Polshkov Geolog Dmitriy Nalivkin	3076	WG: 64-65	Regional database, infill in EnCanas licence block (Atammik), prospects
TGS-Nopec (Nunaoil)	KW03	Professor Polshkov	435	WG:65-66.30	Prep. of 2004 round, area 2: Kangamiut, prospects
TGS-Nopec (EnCana)	ENC05	Geo Searcher	187	WG: 64-65	Infill in EnCanas license block (Atammik), prospects
TGS-Nopec (EnCana)	BLF05	Geo Searcher	2343	SWG: 63-64	Infill in EnCanas licence block (Lady Franklin), prospects
TGS-Nopec	LSG05	Geo	740	Labrador	Regional database,

		Searcher		Sea	Labrador Sea
TGS-Nopec (BMP, Nunaoil)	DW05	Geo Searcher	3135	WG: 67-71	Regional database, prep. of Disko W round
Norsk Hydro	NH2006	Geo Arctic	3273	NEG	Regional database
Norsk Hydro	NH2007	Geo Arctic	407	NEG	Regional database
TGS-Nopec	Green07	Geolog Dmitriy Nalivkin	140	WG: 67-68	Testing of methods
TGS-Nopec (BMP, Nunaoil)	BB07	Geolog Dmitriy Nalivkin	6728	NWG: 71-77	Regional database, prep. of Baffin Bay round
TGS-Nopec (Nunaoil)	BBG08 (BBC08)	Geolog Dmitriy Nalivkin	6209 (2693)	NWG: 71-77 (+ Canada)	Regional database "coast to coast", prep. of Baffin Bay round
TGS-Nopec (Fugro, Nunaoil)	NEG08	Geo Arctic	2789	NEG: 75-78	Regional database
TGS-Nopec (Fugro, Nunaoil, BMP)	NEG09	Munin Explorer	n.a.	NEG	Regional database
TGS-Nopec (Nunaoil, BMP)	BB09	Bergen Surveyor	15120	NWG: 71-77	Regional database
GX Technology	NEG Span	Geo Explorer	n.a.	NEG	Regional database

Supplementary Table C. Other relevant seismic data in Greenland

<i>Operator (cosponsor)</i>	<i>Survey- name</i>	<i>Vessel</i>	<i>Km</i>	<i>Area (main)</i>	<i>Purpose</i>
Burmah Oil	BUR-71		3500	WG: 64-70	Regional data, reprocessed by Fugro-Geoteam and DANPEC 1999
BGR, (German research)	BGR-77		5949	Labrador Sea: 55-65	Regional “coast to coast lines”, research data, reprocessed by GEUS
GGU (EU funding to NAD project)	GGU80 GGU81 GGU82	Western Arctic, Nina Profiler	7800	EG: 60-72	Regional database, research data
Nunaoil (Kanumas)	KAN-91 KAN-94 KAN-95	Thetis	6839	EG and NEG: (70)-, 74-81	Regional database
Nunaoil (Kanumas)	KAN-92	Thetis	4071	NWG: 71-77	Regional database
GGU (MRA funding)	NU94, SVA94	Onshore dynamite seismic	25	Nuussuaq, Svartenhuk, WG: 70-72	Test research lines
Alfred Wegener Institute (German Research)	AWI88 AWI90 AWI94 AWI97 AWI99 AWI01 AWI02 AWI03 AWI04	Polarstern		NEG: 73-81	Regional research lines, also other geophysics
GEUS (Danish Research)	GEUS2000G	RV Dana	2784	WG fiords: 69-72	Regional high resolution lines
GEUS (Danish A76 project)	GEUS-02	Haakon Mosby	~300	NEG: 76-78	2 regional lines, also refraction seismic
GEUS (Danish A76 project)	GEUS2003SG	Geolog Dmitriy Nalivkin	1506	Labrador Sea	Regional lines, sed. Thickness
GEUS and GSC (Danish-Canadian research)	NUGGET 2003	Hudson	(815)	SWG and Canada: 62-64	Coast to coast refraction seismic line + one cross line
GEUS (Danish A76 project)	GEUS2006SG	Sea Surveyor	~2500	Labrador Sea	Regional lines, sed. Thickness
GEUS (Danish A76 project)	LOMROG-1 (2007)	Oden	310	Arctic Ocean	Regional lines, sed. Thickness
BGR, AWI, GEUS (German Research)	MSM09/3	Merian	1710 (1142)	WG , NWG, Canada	Regional research lines, also (refraction seismic) and other geophysics
GEUS (Danish A76 project)	LOMROG-2 (2009)	Oden	380	Arctic Ocean and NEG	Regional lines, sed. Thickness
GEUS (Danish A76 project)	Signal 2009	Hudson	(922)	Labrador Sea (Greenland-Canada)	Coast to coast refraction seismic lines

