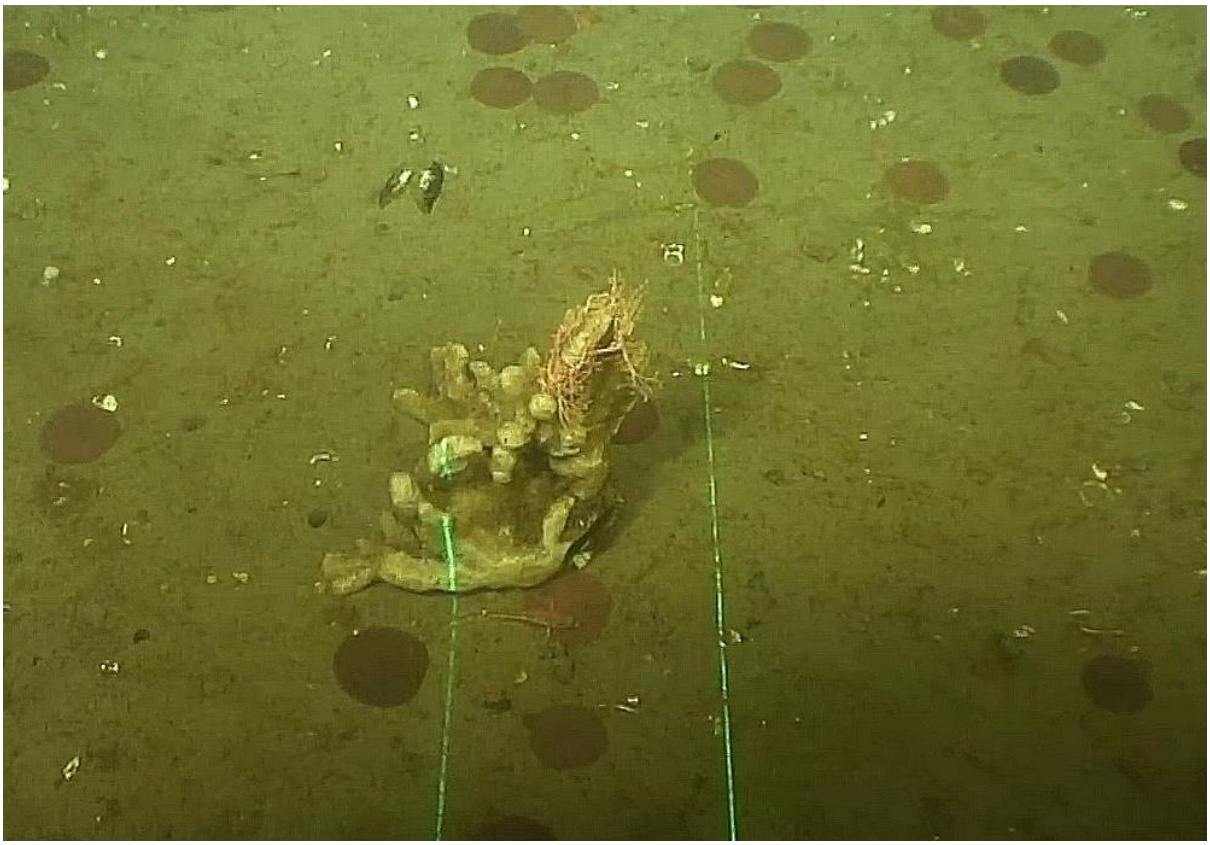
EXXONMOBIL CANADA LTD.

EL 1167 GALE N-66 PRE-DRILLING SEABED INVESTIGATION SURVEY

2023 REPORT: ANCHOR SURVEY ADDENDUM

JUNE 1, 2023



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FINAL

PROJECT NO.: TE22752004.3000
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ABBREVIATIONS

C-NLOPB	Canada-Newfoundland & Labrador Offshore Petroleum Board
DFO	Fisheries and Oceans Canada
EIS	Environmental impact statement
EL	Exploration license
EMCL	ExxonMobil Canada Limited
ESRI	Environmental Systems Research Institute
GIS	Geographic Information System
HD	High definition
HiPAP	High Precision Acoustic Positioning System
IAAC	Impact Assessment Agency of Canada
MODU	Mobile offshore drilling unit
NAD 83	North American Datum 1983
NAFO	Northwest Atlantic Fisheries Organization
ROV	Remotely operated vehicle
SBM	Synthetic-based mud
sp.	Species
Stdev.	Standard deviation
UTM	Universal Transverse Mercator
WBM	Water-based mud

Units

%	percent
cm	centimeters

ind.	individual
km	kilometers
m	meters
mm	millimeters
n	number

1 INTRODUCTION

WSP E & I Canada Limited (WSP), was contracted by ExxonMobil Canada Limited (EMCL) to conduct a pre-drilling benthic survey at the Gale N-66 wellsite within Exploration Licence (EL) 1167 (Figure 1-1). EL 1167 was formed in November 2022 when EL 1151 and EL 1163 were consolidated. This pre-drilling seabed survey for fish and fish habitat is in accordance with the Jeanne D'Arc Exploration Drilling Project Decision Statement (IAAC 2020). Activities associated with this seabed survey are covered under the ExxonMobil Canada Eastern NL Geophysical Program 2015-2024.

1.1 PROJECT LOCATION

The Project Area is located 366 km east of St. Johns on the Eastern Grand Banks of Newfoundland in approximately 170 m of water depth.

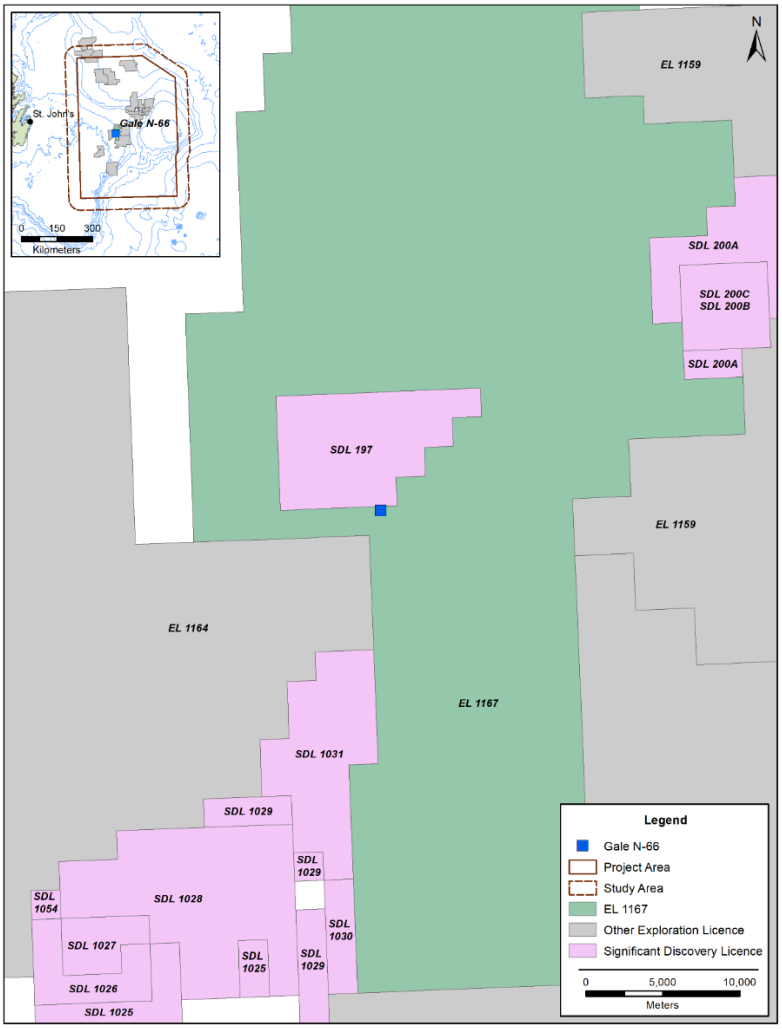

Figure 1-1 Location of EL 1167 Gale N-66 well.

1.2 PRE-DRILLING SEABED SURVEY SCOPE

The objective of the pre-drilling seabed survey was to confirm the presence or absence of any aggregations of habitat-forming corals or sponges and identify any other environmentally sensitive habitats within the predicted drill cuttings deposition footprint. The survey followed the approved plan (CAEL-EF-OOREF-01-006-5002-000; EMCL 2022) which was developed in consultations with both Fisheries and Oceans Canada (DFO) and the Canada-Newfoundland and Labrador Offshore Petroleum Board (C-NLOPB). The survey design had two components, a 500 m x 500 m grid survey around the wellsite and an eight anchor pattern survey. The results from the 500 m x 500 m grid survey and the presence of habitat-forming aggregations in the anchor pattern have been submitted to the regulators (WSP 2023a, WSP 2023b). This is an addendum to those reports and presents the habitat characterization of the anchor pattern.

1.3 REGULATORY GUIDANCE

To mitigate potential effects on cold-water corals from normal drilling activities, the C-NLOPB applies the following coral guidance prior to operation authorization.
The C-NLOPB guidance indicates that drilling activities shall not occur within 100 m of coral colonies defined as either:

- The presence of *Desmophyllum pertusum* reef complex and/or,
- The presence of five or more large corals (above 30 cm in height or width) within 100 m^2 area.

1.4 DRILL CUTTINGS MODELLING

The seabed survey design was developed around using the predicted drill cuttings dispersion model described in the *Jeanne D'Arc Basin Exploration Drilling Project: Environmental Impact Statement* (Section 2.6.1 in Stantec 2018). Discharging cuttings into the local environment may increase the sedimentation in the vicinity of the well location. The drill cuttings dispersion model predicts the distribution of accumulations of released water-based muds (WBM) and synthetic-based muds (SBM) during normal drilling activities. WBM mixed cuttings have a medium grain class size (2 mm to 130 mm) and are released at the seabed and while cuttings mixed with SBM are finer (< 0.06 mm) and released near the surface. Studies investigating the effects of sedimentation on benthic invertebrates at well locations have found the effects to be generally localized to the cuttings pile (Neff et al. 2000, Gates and Jones 2012). In areas outside of the drill centre cuttings pile, a predicted-no-effect threshold (PNET) for non-toxic sedimentation accumulation has been estimated to be 6.5 mm based on averaged burial

tolerances of benthic invertebrates (Kjeilen-Eilertsen et al. 2004, Smit et al. 2006). An accumulation threshold of 1.5 mm has been proposed as a lower limit for sensitive taxa (Kjeilen-Eilertsen et al. 2004). A PNET range between 1.5 mm and 6.5 mm (combined discharges) was considered in the survey design.

To account for variable environmental conditions, four seasonal models were run for conditions observed at eight wells at similar depths to Gale N-66 well. The total cuttings discharged material (WBM and SBM) was modelled (Stantec 2018). The seasonal models predict that the majority of released cuttings would accumulate within 200 m from the wellhead (Figure 1-2).

Table 1-1 Summary table of predicted drill cuttings dispersion extent and deposition.

Distance from Drill Centre	Cuttings Deposition Description
< 100 m to <300 m	Cuttings patches of 1 to 10 mm with portions as high as 25 to 50 mm thick.
>300 m to 500 m	Thin cuttings patch up to 0.1 mm thick
500 m to 12 km	Thin cuttings patch up to 0.2 mm thick

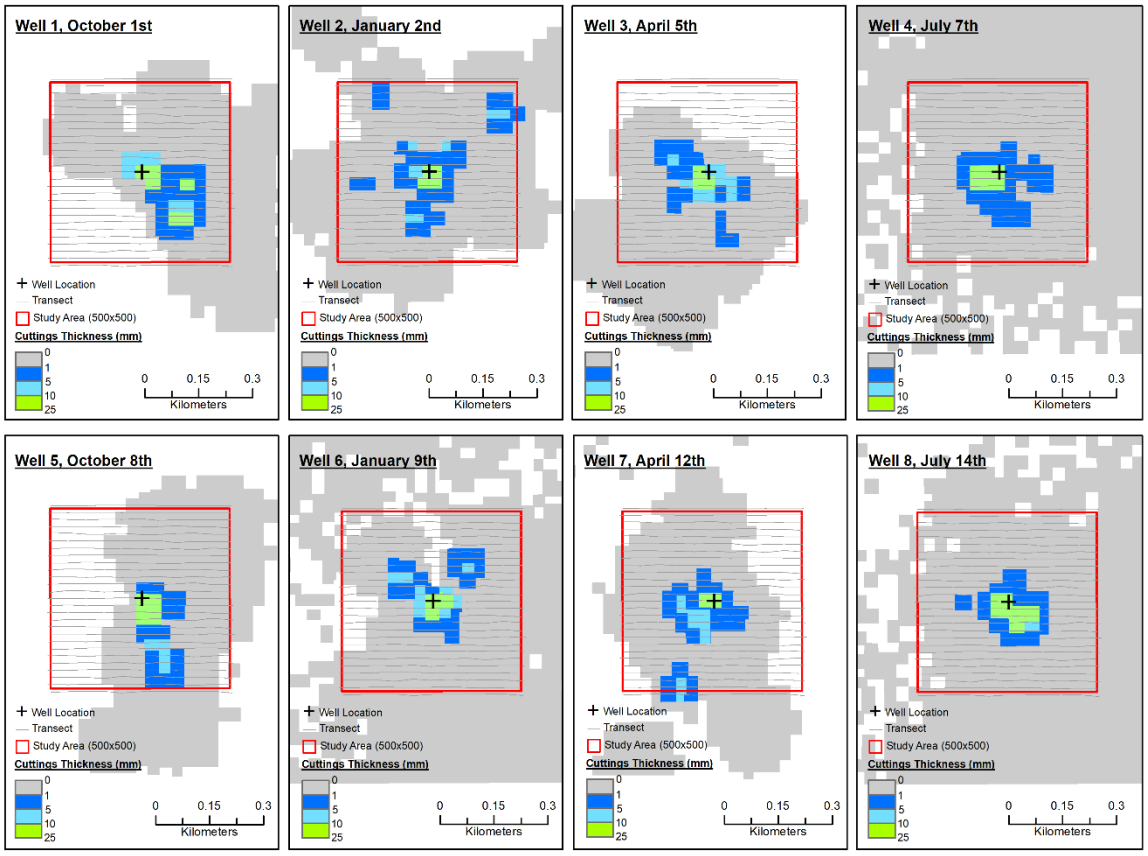

Figure 1-2 Predicted drill cutting footprint (WBMs and SBMs) all four seasonal models at eight wells with actual survey transects overlaid.

1.5 PRE-DRILLING SEABED SURVEY DESIGN

The pre-drilling survey design encompassed areas predicted to experience cutting accumulations exceeding the 1.5 mm PNET. The survey consisted of a 500 m by 500 m grid centred on the proposed drill center and an eight anchor layout pattern (Figure 1-3). The grid was composed of 27 horizontal transect lines (spaced 20 m apart). The anchor layout survey consisted of eight transects extending approximately 2 km from the well centre with a 100 m x 100 m grid at the end of each anchor transect (anchor location).

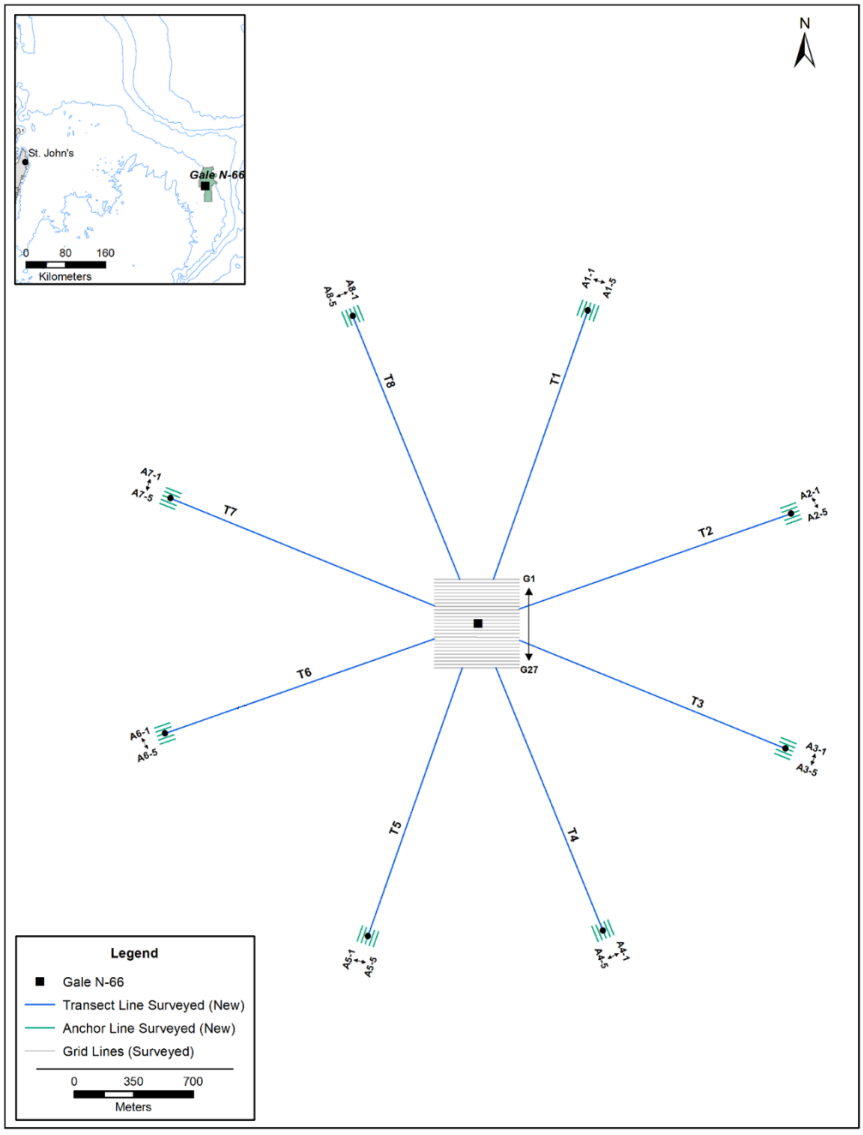

Figure 1-3 Pre-drilling seabed survey design for Gale N-66.

2 METHODOLOGY

The prior survey in November 2022 surveyed the Gale N-66 grid around the well centre (WSP 2023a). The eight anchor pattern was surveyed in April 2023.

2.1 SEABED SURVEY

The eight anchor survey was conducted from April 13th to April 14th, 2023, onboard the *MV Paul A. Sacuta* using a Millennium 191 remotely operated vehicle (ROV) (Figure 2-1). The ROV was equipped with a forward-facing pan/tilt/zoom high-definition (HD) camera which was used to collect high-definition video during the duration of the survey. Still images of fauna were taken opportunistically. Video and still imagery were used to identify the benthic fauna (including corals and sponges).

EMCL was responsible for chartering the vessel and ROV support services required to conduct the anchor survey. The onboard WSP biologists were responsible for the execution of the survey plan and providing direction to the ROV operators to ensure the collection of video and images appropriate for characterizing cold-water corals and sponge groups and general characterization of fish and other invertebrates.

The survey video and still imagery were geo-referenced using the ship's HiPAP system. The HD video was encoded with a digital overlay that displayed depth (m), coordinates (UTM and NAD83), heading, date and time (Newfoundland Standard Time), and altitude above the seafloor. Still images were encoded with a date/time stamp and numbered sequentially. During the survey, fixes were taken for the start and end of each transect. The ROV travelled at an altitude <2 m above the seafloor and an estimated field of view of 1.80 m. Scaling line lasers were spaced 20 cm apart.

Table 2-1 Survey parameters.

Survey	Pre-drilling 2023
Area	Anchor
Water Depth (m)	170
No. of Transects	48
No. of Transect Sections	345
Distance Covered (m)	20,000
Field of View (m)	1.80
Section Length (m)	50
Laser Distance (cm)	20
Notes: Field of view was determined from 20 randomly selected images from throughout the survey area.	

Figure 2-1 Millennium 191 ROV used for the 2022 EL 1167 pre-drilling survey.

2.2 VISUAL ANALYSIS

The benthic video was analyzed for surficial geology, coral and sponge abundance, density, and condition, as well as invertebrate and fish taxa abundance and density. Survey transects were sectioned into 50 m bins (linear distance) for analysis.

2.2.1 SURFICIAL SUBSTRATE

The surficial substrate was characterized as percent coverage of the seafloor for each substrate type present along the 50 m (linear distance) transect sections. Substrate type was determined using the Udden-Wentworth Scale and categorized into a substrate class (Table 2-2) (Wentworth 1922).

Table 2-2 Surficial substrate categories used to categorize benthic environment.

Substrate Class	Substrate Type	Definition
Bedrock		Continuous solid bedrock
Coarse	Boulder	Rocks greater than 250 mm
	Rubble	Rocks ranging from 130 mm to 250 mm
Medium	Cobble	Rocks ranging from 30 mm to 130 mm
	Gravel	Granule size or coarser, 2 mm to 30 mm
Fine	Sand	Fine deposits ranging from 0.06 mm to 2 mm
	Mud	Material encompassing both silt and clay < 0.06 mm
Organic/Detritus		A soft material containing 85 percent or more organic materials
Shells		Calcareous remains of shellfish or invertebrates containing shells

2.2.2 CORAL AND SPONGES

Corals and sponges were identified visually using a Northwest Atlantic Fisheries Organization (NAFO) area guide (Kenchington et al. 2015) (Table 2-3) and put into functional groups based on DFO guidance . Corals and sponges were enumerated and densities per transect section were geo-referenced and mapped.

Pre-drilling coral and sponge condition was also visually assessed. Coral condition is characterized by an individual's physical appearance and consists of three categories: Good, Damaged and Dead. It can be difficult to visually determine if a sponge is dead thus, sponge condition is based on the amount of visible sedimentation on an individual and consists of three categories: Good, Sediment Veneer, and Covered. Descriptions of the condition codes used for corals and sponges are presented in Table 2-4.

Table 2-3 Summary table of coral and sponge functional groups (based on Annex A of DFO 2022.

Functional Groups	Example Taxa
Corals	
Black	*Stauropathes* sp.
Branching, Small Gorgonians	*Acanella* sp.
Branching, Large Gorgonians	*Paragorgia* sp.
Sea Pens	*Anthoptilum* sp.
Other (Soft corals, Hard Corals)	*Duva* sp., *Desmophyllum dianthus*
Sponges	
Solid/Massive	*Geodia* sp.
Thin-walled	*Asconema* sp.
Other Sponge (Leaf/Vase-Shaped, Round with Projections, Stalked, Other) [1]	*Polymastiidae* sp.
Note: Species identifications based on Kenchington et al. 2015 [1] this excludes encrusting sponges	

Table 2-4 Coral and sponge condition categories with descriptions.

Coral Condition		Sponge Condition	
Condition	Description	Condition	Description
Good (G)	Coral is oriented upright (or expected orientation for species) with polyps extended and no visible sedimentation.	Good (G)	No signs of dislodgement, unusually clean surface (i.e., no visual signs of sedimentation) and tight shape
Damaged (Dm)	The coral appears in one of the following states: bent over or lying flat on the seafloor, covered by accumulated sediment, a percentage of polyps are missing, or the polyps are withdrawn and appear closed.	Sediment Veneer Present (SV)	Surface of a sponge has a veneer of sedimentation.
Dead (D)	Coral has no visible live polyps or skeleton is completely bare	Covered (C)	The base of the sponge or a portion of the body is obscured by accumulated sediment.

2.2.3 OTHER TAXA

All other invertebrate taxa were identified to phylum (e.g., arthropods, molluscs etc.), and fish were identified to functional groups as described in Table 7 of Ollerhead et al. (2017). Taxa abundances were enumerated in each 50 m transect section and reported as densities. However as in the grid survey, sand dollars were numerous throughout the survey and thus, their abundances were estimated in each transect bin. Representative photos of all taxa groups were taken opportunistically.

Table 2-5 Summary table of fish functional groups.

Functional Groups	Example Taxa
Benthivore	Wolffish, grenadiers
Piscivore	Greenland halibut
Planktivore	Lanternfish
Plank-piscivore	Redfish
Unknown Fish	Fish unable to be identified to a particular functional group
Note: Functional groups are based on Ollerhead et al. 2017	

2.3 MAPPING

All datasets (ROV transects, and survey observations) were plotted using GIS software ArcGIS 10.8.1 (ESRI 2020) in NAD83 UTM datum zone 23. Fine-grained substrates are the primary surficial substrate for a majority of the Newfoundland Offshore thus, to depict the distribution of any hard substrates present, the largest substrate observed with the highest percent coverage for each transect section was mapped. Faunal densities were mapped per each 50 m transect bin. Coral and sponge condition were mapped by percent “Good” present for each transect bin.

3 RESULTS

The following are the results for the 2023 seabed anchor pattern survey. The faunal observation datasets per transect section are presented in Appendix A. Visibility of the seafloor was good throughout the survey with little turbidity in the water column and the ROV remained < 2 m above the seafloor.

3.1 SURFICIAL SUBSTRATE

The seafloor consisted primarily of a fine-grained substrate matrix with secondary substrates consisting of shell hash and sporadic coarse (boulders and rubble) and medium (cobble and gravel) substrates (Figure 3-1, Figure 3-2). Shells were observed throughout the survey area and were composed mainly of bivalve and gastropod shells. Figure 3-2 displays the spatial distribution of the largest secondary substrate observed in each transect bin.

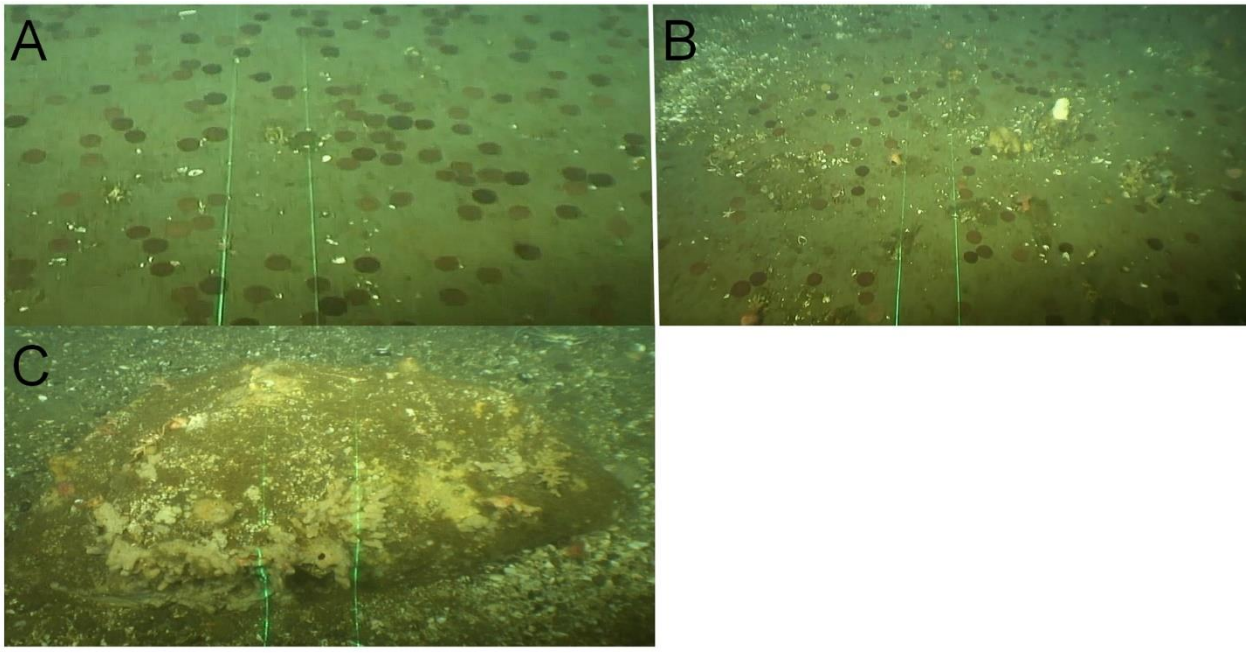

Figure 3-1 Examples of surficial substrate categories observed at Gale N-66 Anchors. A) fines, B) shell hash and medium, C) shell hash and coarse. Green scaling-lasers are 20 cm apart.

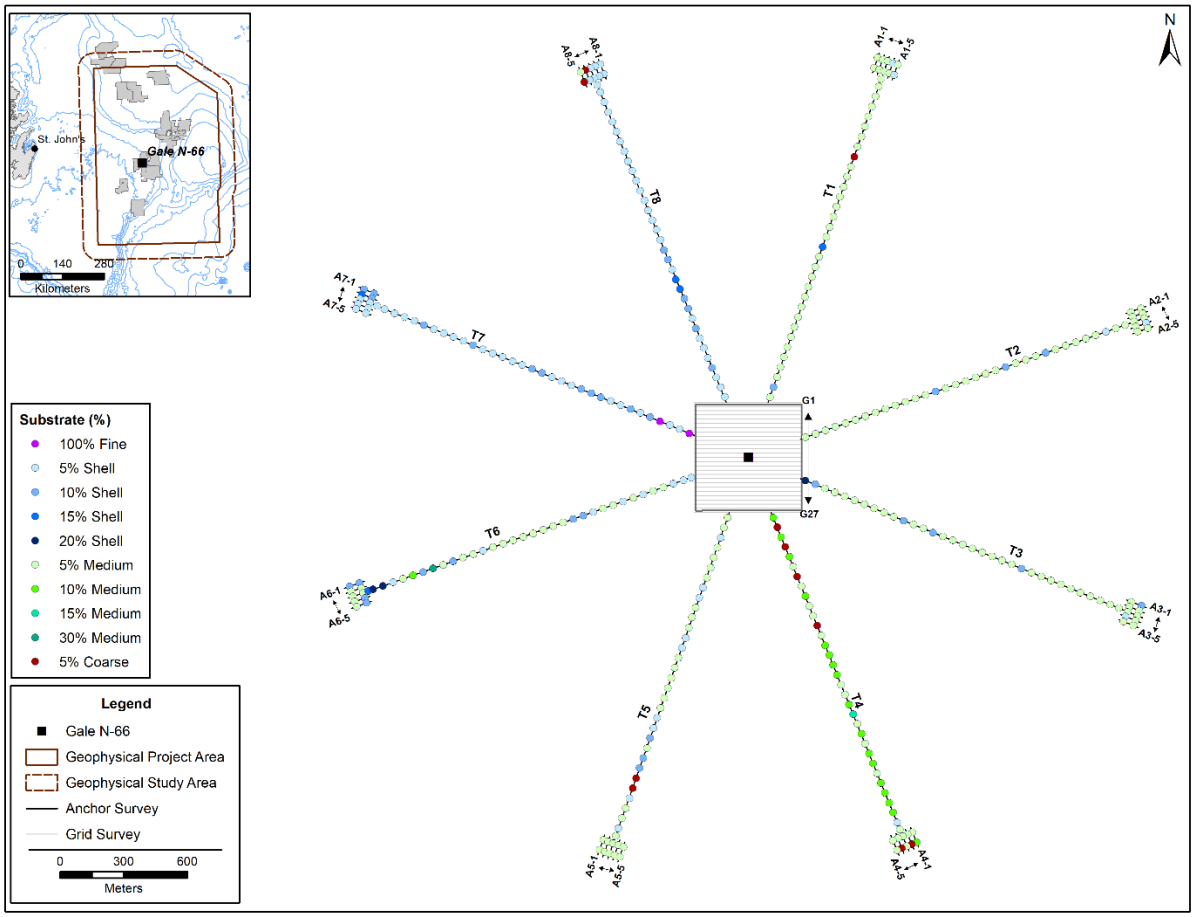

Figure 3-2 Distribution of largest secondary surficial substrate class present observed in the Gale N-66 anchor pattern survey. Primary substrate throughout area is Fine.

3.2 CORALS AND SPONGES

3.2.1 CORAL FUNCTIONAL GROUPS

Soft coral species ("Other" coral functional group) were the only corals observed within the anchor pattern survey area (Figure 3-3, Figure 3-4). A total of 21,633 individual corals were observed with densities ranging between 0.01 ind./m^2 (excluding zero) and 5.36 ind./m^2 (Table 3-1).

Coral condition was assessed visually and categorized into one of three classifications. Of the total corals observed, 99.98% were in an upright position with all polyps intact and classified as 'Good' (Table 3-2). No corals were observed as 'Dead,' and <0.1% were classified as 'Damaged.' The coral condition distribution of percent 'Good' is presented in Figure 3-5.

Table 3-1 Summary statistics for coral functional groups within the dispersion area survey.

Taxa Group	Area	Mean	St. dev.	Median	Min[1]	Max
Other Coral (Soft Corals)	Anchor	0.72	0.728	0.48	0.01	5.36
Notes: Total number of survey sections: Anchor (n=345). Sections were 50 m linear distance with an average field of view width of 1.80 m. [1]Minimum density is the lowest non-zero value. Other Corals (Soft Coral) n= 21,633 ind.						

Table 3-2 Summary of coral conditions percent observed within the grid seabed survey.

Taxa Group	Area	Good	Damaged	Dead
Other Coral (Soft Corals)	Anchor	99.98%	<0.1%	0%
Notes: Total number of survey sections: Anchor (n=345). Totals: Good n=21,629, Damaged n=4, Dead n=0. Sections were 50 m linear distance with an average field of view width of 1.80 m.				

Figure 3-3 Representative photos of the coral functional group 'other'. Green scaling-lasers are 20 cm apart.

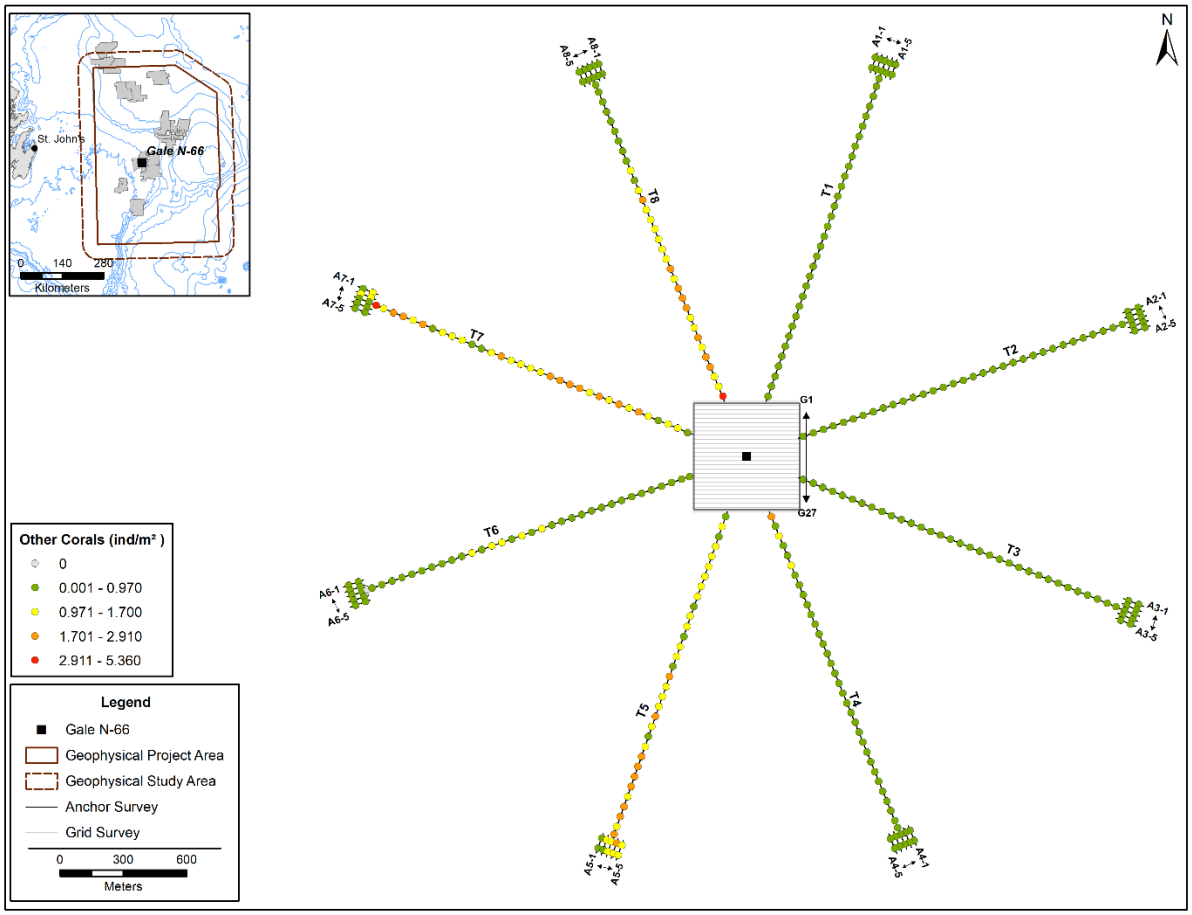

Figure 3-4 Distribution of soft coral densities (ind./m²) observed in the Gale N-66 pre-drilling anchor pattern survey.

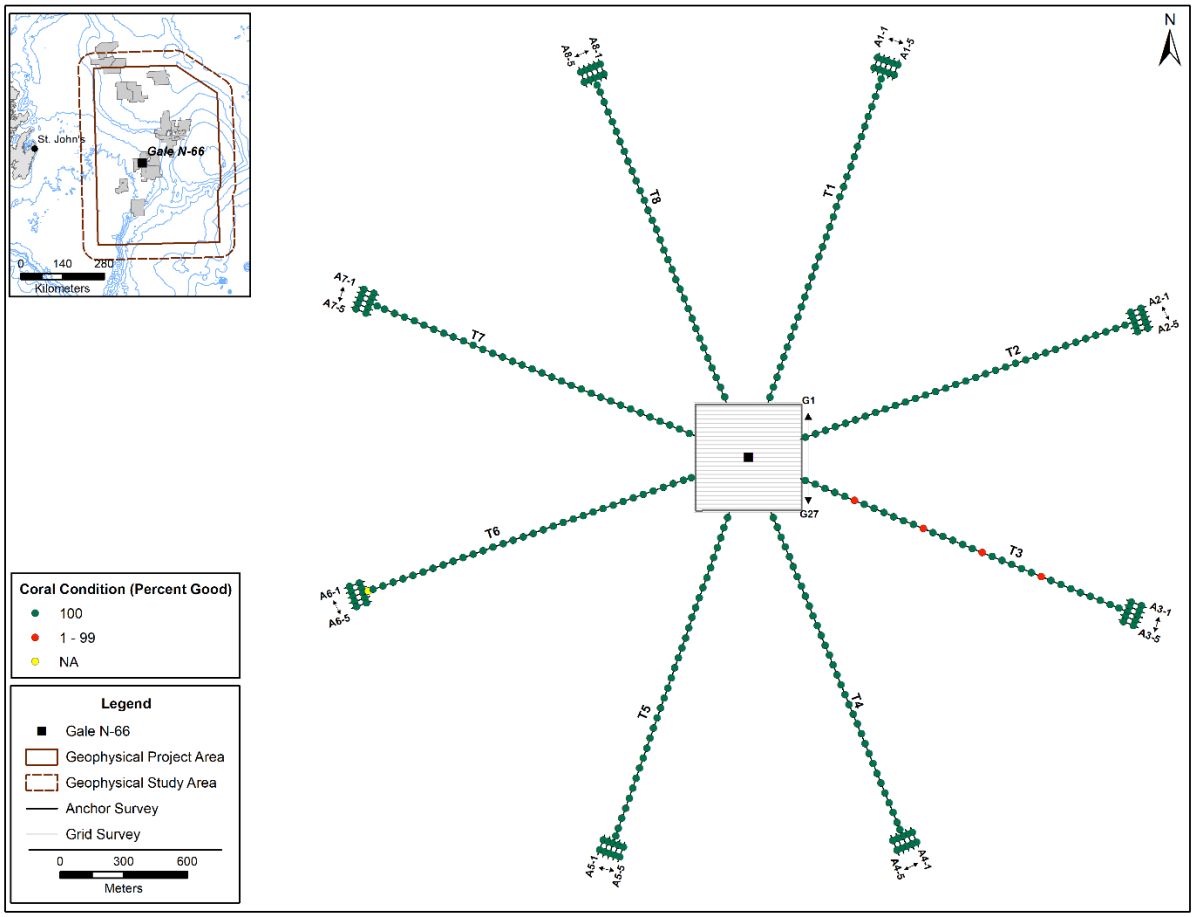

Figure 3-5 Distribution of percent good condition for corals observed in the Gale N-66 pre-drilling anchor pattern survey.

3.2.2 SPONGE MORPHOLOGICAL GROUPS

All three sponges morphological groups were observed within the survey area (Table 3-3, Figure 3-6 to Figure 3-9). A total of 4,011 individuals were observed. The most observed sponge morphological groups were solid/massive (n=2,104) and other sponges (n= 1,906). There was also a single occurrence of a thin-walled sponge along Transect T-4.

- Solid/massive sponges densities ranged from 0.01 ind./m^2 to 0.51 ind./m^2 (Table 3-3) with the highest densities occurring mainly to the southeast (Transect T-3) of the well centre (Figure 3-7). The average density was 0.07 ind./m^2 for the entire anchor survey area.
- Densities for other sponges ranged between 0.01 ind./m^2 to 1.18 ind./m^2.

Sponge condition was assessed visually based on the amount of sedimentation on the sponge surface and categorized into one of three classifications (Table 3-4). Sediment veneers occur naturally and do

not necessarily indicate the overall health of a sponge. Of the sponges observed, 21% did not have a visible sediment veneer on their surface and were classified as 'Good" while, 79% had a sediment veneer. The distribution of sponges with the 'Good' condition category is presented in Figure 3-10. Sponges with a visible sediment veneer were more prevalent to the southwest along transects T-5 and T-6.

Table 3-3 Summary statistics for sponge morphological groups within the survey area.

Taxa Group	Area	Mean	St. dev.	Median	Min[1]	Max
Solid / Massive	Anchor	0.07	0.07	0.06	0.01	0.51
Thin-walled	Anchor	0.00	0.00	0.00	0.01	0.01
Other Sponges	Anchor	0.06	0.11	0.03	0.01	1.18

Notes: Total number of survey sections: Anchor (n=345).
Sections were 50 m linear distance with an average field of view width of 1.80 m.
[1]Minimum density is the lowest non-zero value.

Table 3-4 Summary statistics for sponge condition within the survey area.

Taxa Group	Area	Good	Sediment Veneer	Covered
Total Sponge	Anchor	21%	79%	0%

Notes: Total number of survey sections: Anchor (n=345).
Totals: Good n=861, Sediment Veneer n=3150, Covered n=0.
Sections were 50 m linear distance with an average field of view of 1.80 m.
[1]Minimum density is the lowest non-zero value.

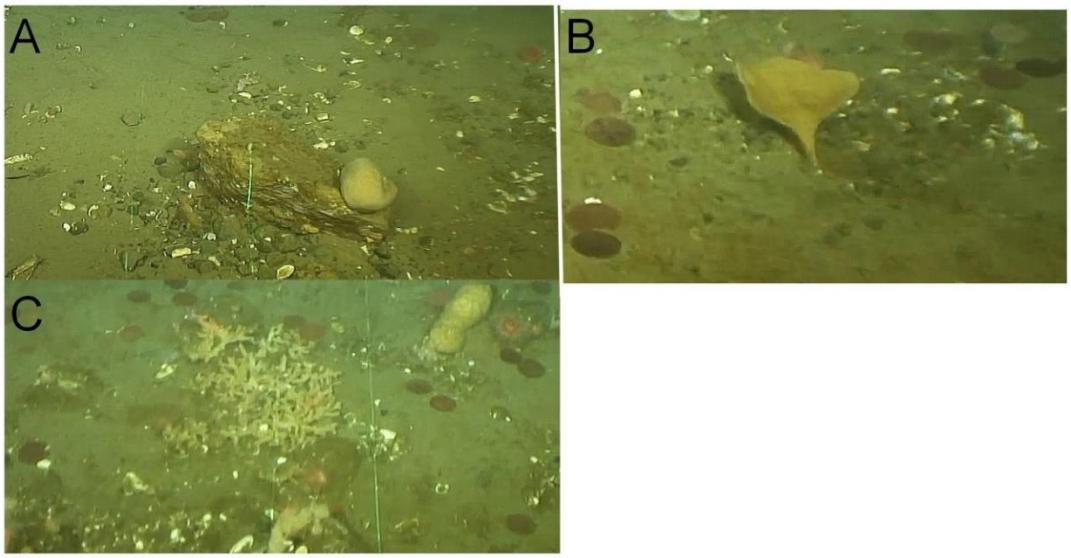

Figure 3-6 Representative photos from each sponge morphological group and sponge conditions: A) solid/massive sponge with a sediment veneer, B) other sponge (leaf/vase-shaped) with a sediment veneer, C) other sponge in good condition. Green scaling-lasers are 20 cm apart.

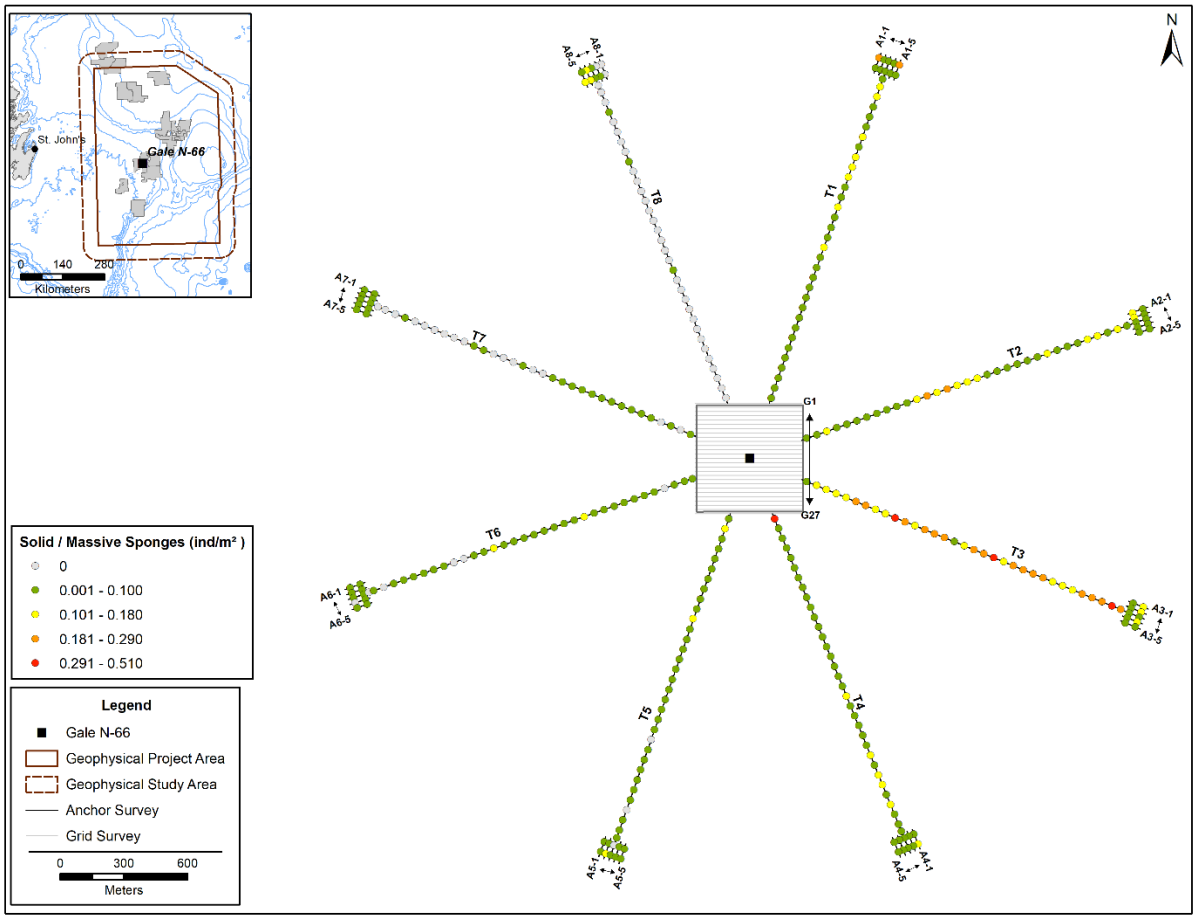

Figure 3-7 Distribution of solid/massive sponge densities (ind./m²) observed in the Gale N-66 pre-drilling anchor pattern survey.

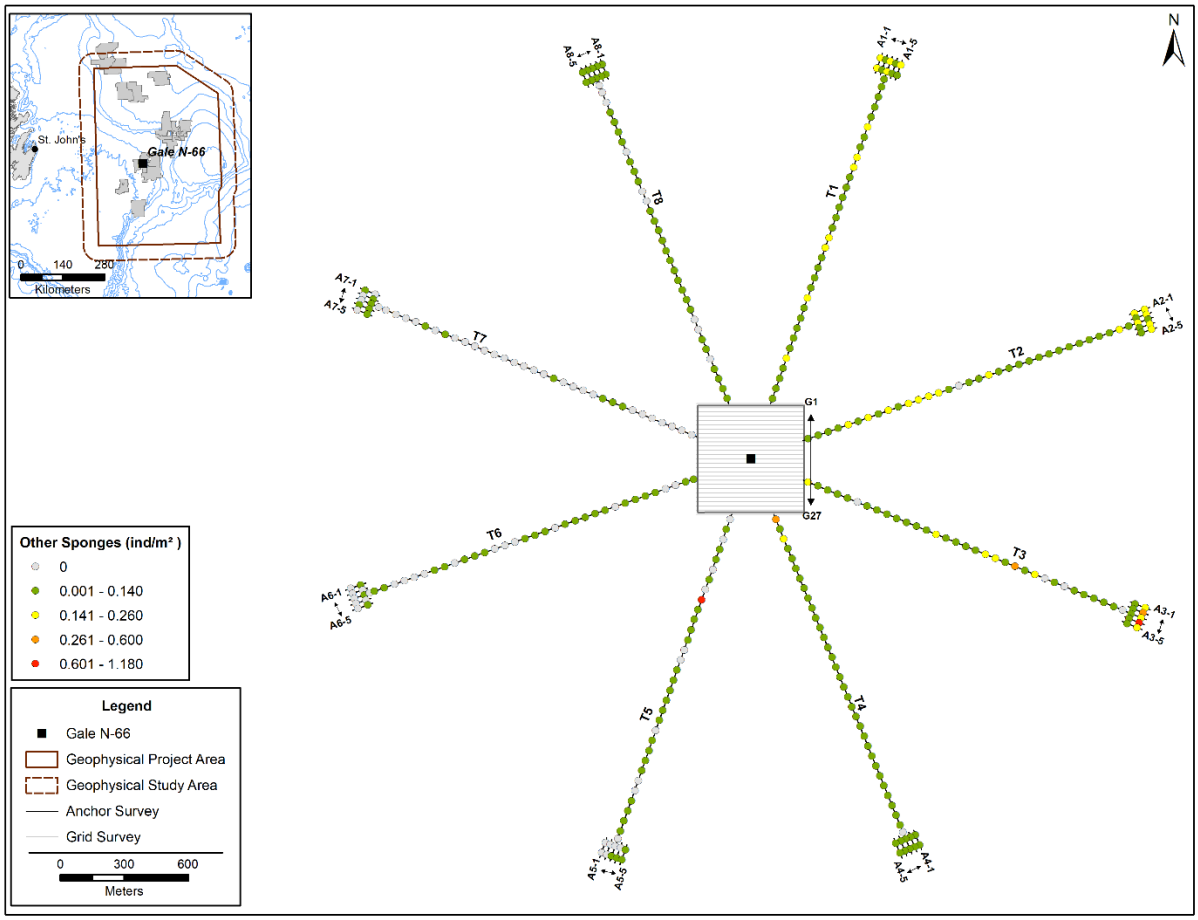

Figure 3-8 Distribution of other sponge densities (ind./m²) observed in the Gale N-66 pre-drilling anchor pattern survey.

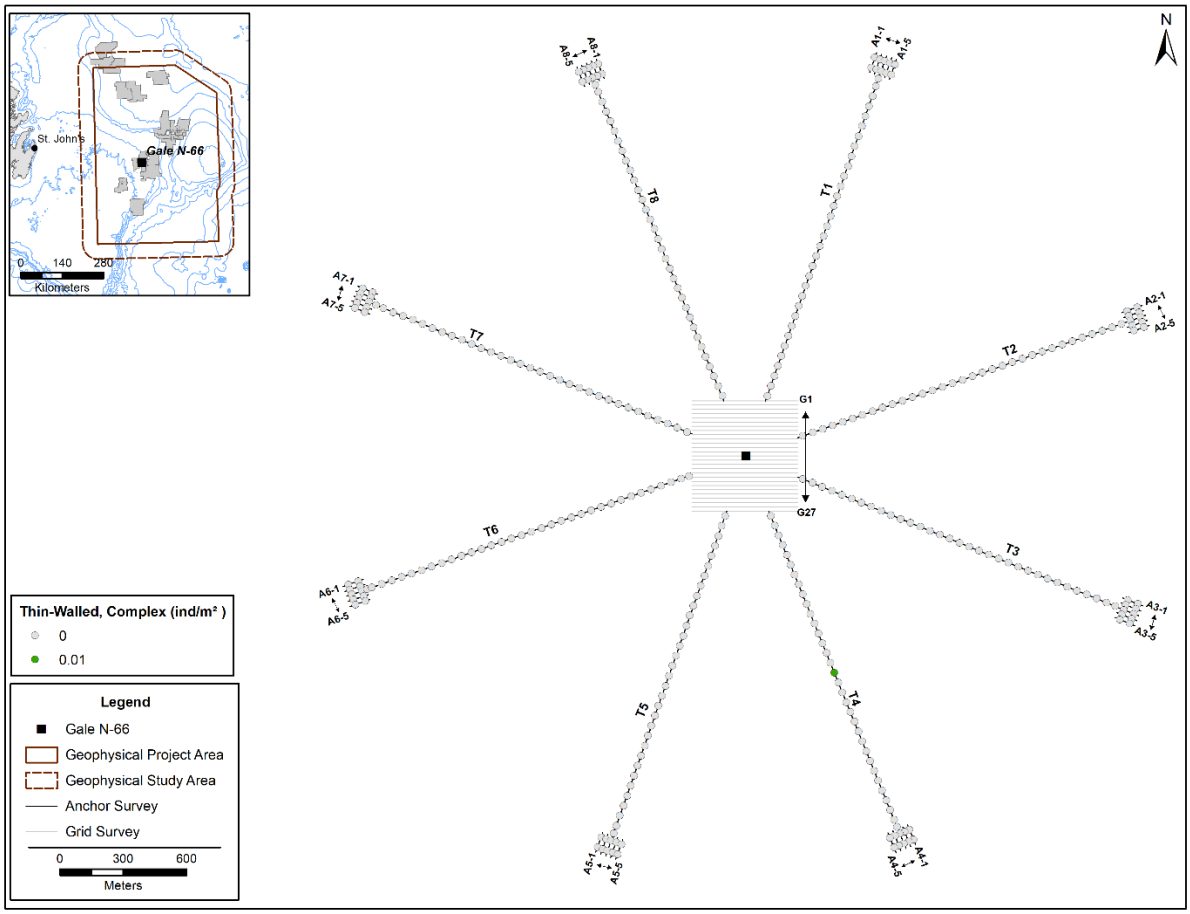

Figure 3-9 Distribution of thin-walled/complex sponge densities (ind./m²) observed in the Gale N-66 pre-drilling anchor pattern survey.

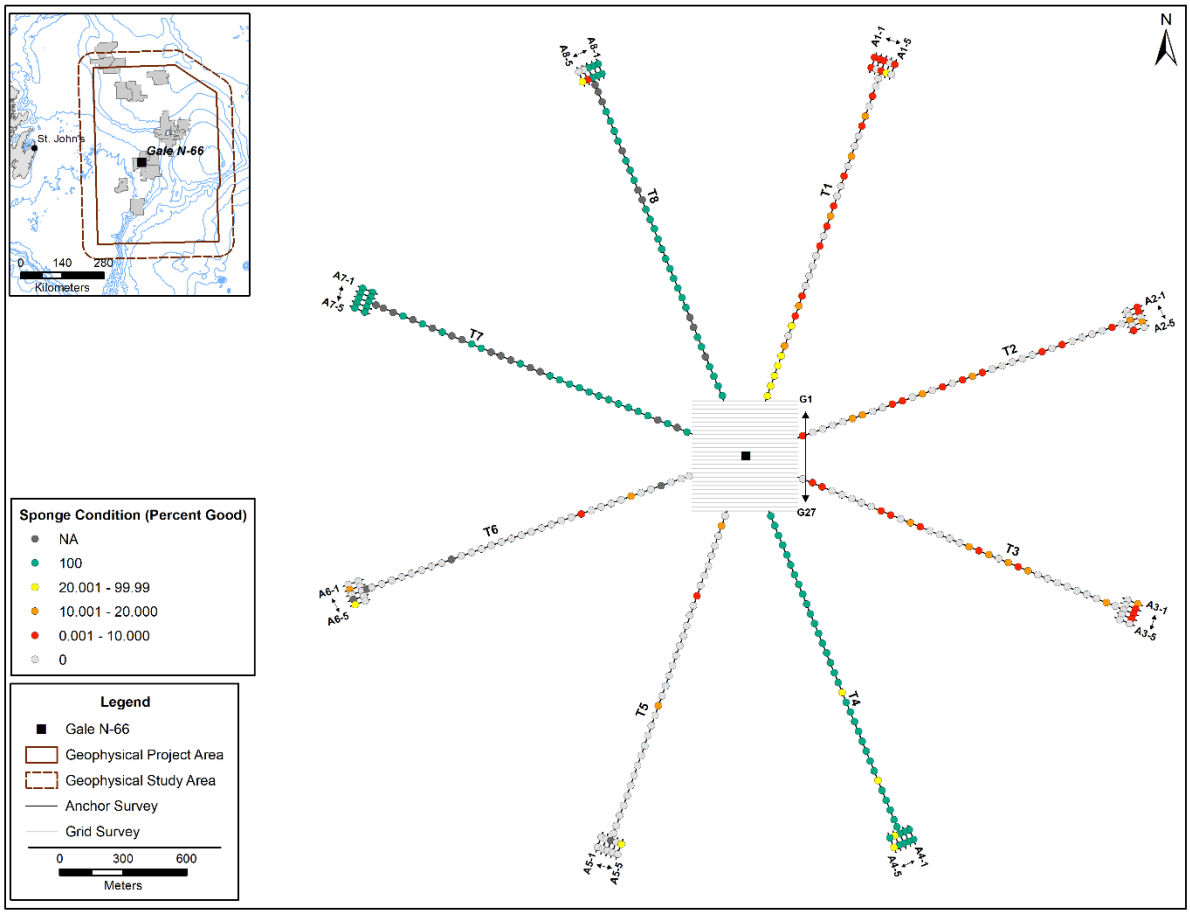

Figure 3-10 Distribution of percent sponges observed in 'Good' condition in the Gale N-66 pre-drilling anchor pattern survey.

3.3 OTHER TAXA

3.3.1 FISH FUNCTIONAL GROUPS

Two fish functional groups were observed throughout the survey area (Table 3-5, density maps are presented in Appendix B). Benthivores were the most commonly observed group and consisted mainly of flatfish (Table 3-5, Figure 3-11 A). Benthivore density ranged between 0.01 ind./m^2 to 0.09 ind./m^2 with an average density of 0.01 ind./m^2. Fish unable to be assigned to a functional group, such as poorly seen fish or small juveniles, were classified as "Unknown fish" and were the second most common group overall (Figure 3-11 B, C). Unknown fish density ranged between 0.01 ind./m^2 to 3.34 ind./m^2 and with a mean density of 0.02 ind./m^2. A large school of fish (Unknown fish 1) was observed along Transect T-6.

Table 3-5 Summary statistics for fish functional groups within the dispersion area survey.

Taxa Group	Area	Mean	St. dev.	Median	Min[1]	Max
Benthivores	Anchor	0.01	0.02	0.00	0.01	0.09
Unknown	Anchor	0.02	0.20	0.00	0.01	3.34

Notes: Total number of survey sections: Anchor (n=345).
Sections were 50 m linear distance with an average field of view of 1.80 m.
[1]Minimum density is the lowest non-zero value.
Unknown fish includes juveniles and unidentified fish.

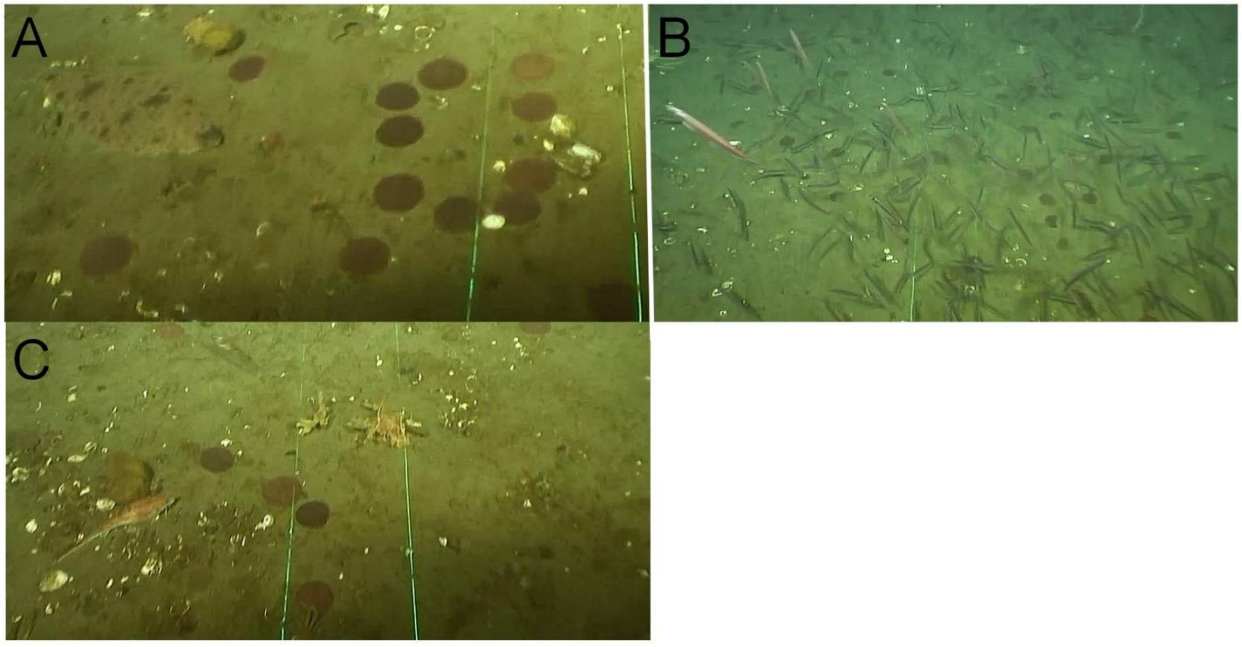

Figure 3-11 Representative fish species from the benthivore and unknown functional groups: A) benthivore (flatfish), B) unknown fish 1, C) unknown fish 2 (likely an Alligatorfish). Green scaling-lasers are 20 cm apart.

3.3.2 INVERTEBRATES (NON-CORAL AND SPONGE)

Invertebrate taxa (other than corals and sponges) were also observed and enumerated (Figure 3-12, Table 3-6, density maps presented in Appendix B). Echinoderms were the most commonly observed invertebrate group (mean density of 14.66 ind./m^2). As was observed in the grid survey, sand dollars were found in high abundances compared to all other taxa (Table 3-6, Figure 3-12 A). Cnidarians (other than corals) were the second most common group (mean density of 0.43 ind./m^2), with sea anemones as the most abundant taxa (Figure 3-12 B). Arthropods were also observed throughout the survey area and consisted mainly of crabs. Total arthropod densities had a mean density of with densities ranging between 0.014 ind./m^2 throughout the survey area (Figure 3-12 C). Molluscs such as gastropods and scallops were observed at relatively low densities (mean density of 0.02 ind./m^2).

Table 3-6 Summary statistics for invertebrate groups (excluding corals and sponges) within the dispersion area survey.

Taxa Group	Area	Mean	St. dev.	Median	Min[1]	Max
Echinoderms	Anchor	14.66	9.24	13.77	0.56	78.90
Cnidarians	Anchor	0.43	0.19	0.42	0.01	1.72
Molluscs	Anchor	0.02	0.03	0.01	0.01	0.18
Arthropods	Anchor	0.14	0.09	0.13	0.01	0.54

Notes: Total number of survey sections: Anchor (n=345).
Sections were 50 m linear distance with an average field of view of 1.80 m.
[1]Minimum density is the lowest non-zero value.

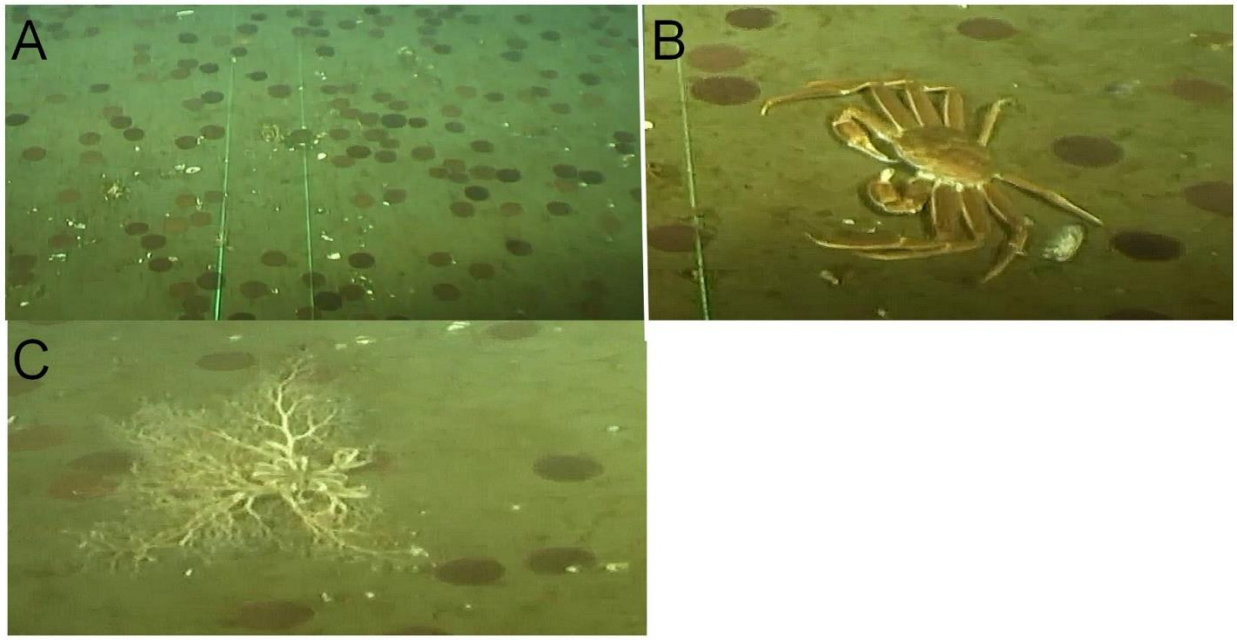

Figure 3-12 Representative images of invertebrate groups: A) echinoderms (sand dollars), B) arthropod (snow crab), and C) echinoderm (basketstar). Green scaling-lasers are 20 cm apart.

4 SUMMARY AND CONCLUSIONS

The C-NLOPB guidance (presented in Section 1.3) indicates that drilling activities shall not occur within 100 m of coral colonies defined as either:

— The presence of *Desmophyllum pertusum* reef complex and/or,
— The presence of five or more large corals (above 30 cm in height or width) within 100 m^2 area.

As stated in the anchor pattern determination report, there were no reef-forming hard corals (*Desmophyllum pertusum*) or aggregations of corals or sponges (5 or more individuals over 30 cm in measurements within 100 m^2 area) observed anywhere in the Gale N-66 survey area (Grid and Anchor).

Corals from the "Other" functional group (soft corals) were the only corals observed in the study area. There were three sponge morphological groups observed in the area including solid/massive, thin-walled, and "Other." Over 99 percent of corals and 21 percent of sponges observed were considered to be in "Good" condition.

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APPENDIX

A PRE-DRILLING VIDEO OBSERVATION DATA

APPENDIX

Table A-1 Taxa Abundances for Anchor 1 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	T1	T1-1	11:22:05	11:24:57	734344.902	5220868.289	734362.889	5220915.695	164.95	50	1.80	90.00	0	0	5	90	0	5	56	0	0	9	7	0	4	4	0	5	0	1820	75	0	0	0	0	26	0	0	0	0	56	6	0	2	0	8	0	0	0	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T1	T1-2	11:24:57	11:27:29	734362.889	5220915.695	734378.114	5220963.2	165.10	50	1.80	90.00	0	0	5	85	0	10	61	0	0	5	7	0	1	5	0	8	0	1630	74	0	0	0	0	21	0	0	0	0	61	4	0	0	0	8	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-3	11:27:29	11:29:56	734378.114	5220963.2	734396.858	5221010.21	164.89	50	1.80	90.00	0	0	5	90	0	5	80	0	0	6	6	0	3	5	0	5	0	1940	42	0	0	0	0	18	0	0	0	0	80	4	0	1	0	7	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-4	11:29:56	11:32:18	734396.858	5221010.21	734410.535	5221057.662	164.50	50	1.80	90.00	0	0	5	90	0	5	34	0	0	4	5	0	0	3	1	7	0	1130	43	0	0	0	0	16	0	1	2	0	34	7	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-5	11:32:18	11:34:31	734410.535	5221057.662	734427.544	5221104.241	164.34	50	1.80	90.00	0	0	5	90	0	5	51	0	0	10	9	0	0	6	0	5	0	1560	64	0	0	0	0	9	0	0	0	0	51	5	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-6	11:34:31	11:36:57	734427.544	5221104.241	734443.793	5221151.434	164.84	50	1.80	90.00	0	0	5	90	0	5	18	0	0	1	8	0	0	7	0	5	0	920	54	0	0	0	0	8	0	1	1	0	18	1	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-7	11:36:57	11:39:12	734443.793	5221151.434	734460.508	5221199.188	164.73	50	1.80	90.00	0	0	5	90	0	5	28	0	0	0	10	0	3	7	0	11	0	1390	48	0	0	0	0	9	0	0	1	0	28	7	0	0	0	3	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-8	11:39:12	11:41:34	734460.508	5221199.188	734476.934	5221245.793	164.78	50	1.80	90.00	0	0	5	90	0	5	31	0	0	8	2	0	0	8	0	10	0	1360	54	0	0	0	0	20	0	3	2	0	31	7	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-9	11:41:34	11:43:57	734476.934	5221245.793	734494.463	5221292.774	165.08	50	1.80	90.00	0	0	5	90	0	5	30	0	0	1	11	0	0	5	1	10	0	1160	43	0	0	0	0	14	0	3	2	0	30	7	0	0	0	5	0	0	0	0	0	2	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-10	11:43:57	11:46:18	734494.463	5221292.774	734510.399	5221340.239	165.46	50	1.80	90.00	0	0	5	90	0	5	35	0	0	2	13	0	1	6	1	5	0	1490	40	0	0	0	0	27	0	2	0	0	35	6	1	1	0	7	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-11	11:46:18	11:48:33	734510.399	5221340.239	734526.574	5221387.291	165.46	50	1.80	90.00	0	0	5	90	0	5	63	0	0	2	20	0	0	8	0	7	0	1330	85	0	0	0	0	15	0	0	0	0	63	1	0	0	0	21	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-12	11:48:33	11:50:47	734526.574	5221387.291	734542.674	5221435.054	165.33	50	1.80	90.00	0	0	5	90	0	5	55	0	0	0	7	0	0	4	0	14	0	1310	58	0	0	0	0	15	0	0	0	0	55	2	0	0	0	5	0	0	0	0	0	4	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-13	11:50:47	11:53:02	734542.674	5221435.054	734558.822	5221481.976	165.07	50	1.80	90.00	0	0	5	90	0	5	36	0	0	0	11	0	0	6	0	4	0	1230	58	0	0	0	0	14	0	1	0	0	36	1	1	0	0	9	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-14	11:53:02	11:55:20	734558.822	5221481.976	734576.731	5221528.673	165.68	50	1.80	90.00	0	0	5	90	0	5	27	0	0	0	6	0	2	4	0	9	0	980	48	0	0	0	0	19	0	0	0	0	27	4	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-15	11:55:20	11:57:35	734576.731	5221528.673	734592.243	5221576.679	165.18	50	1.80	90.00	0	0	5	90	0	5	16	0	0	0	7	0	0	4	0	0	0	2090	52	0	0	0	0	4	0	1	2	0	16	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-16	11:57:35	12:00:58	734592.243	5221576.679	734610.558	5221623.359	165.47	50	1.80	90.00	0	5	5	75	0	15	24	0	0	1	34	0	1	3	0	2	0	1460	92	0	0	0	0	17	0	0	0	0	24	13	1	0	0	21	0	0	0	0	0	0	0	0	2	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-17	12:00:58	12:03:28	734610.558	5221623.359	734627.538	5221669.947	166.81	50	1.80	90.00	0	0	5	90	0	5	34	0	0	0	18	0	6	4	0	13	0	1150	63	0	0	0	0	17	0	0	0	0	34	3	1	0	0	14	0	0	0	0	0	5	0	0	1	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-18	12:03:28	12:05:51	734627.538	5221669.947	734644.092	5221717.309	166.20	50	1.80	90.00	0	0	5	90	0	5	35	0	0	1	16	0	3	8	0	4	0	890	47	0	0	0	0	16	0	0	1	0	35	8	1	0	0	8	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-19	12:05:51	12:08:19	734644.092	5221717.309	734661.935	5221764.591	165.95	50	1.80	90.00	0	0	5	95	0	0	7	0	0	1	8	0	1	6	0	5	0	800	29	0	0	0	0	8	0	1	0	0	7	7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-20	12:08:19	12:10:44	734661.935	5221764.591	734673.861	5221812.518	165.85	50	1.80	90.00	0	0	5	90	0	5	13	0	0	1	15	0	11	6	0	8	0	1350	40	0	0	0	0	15	0	0	0	0	13	12	0	0	0	4	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T1	T1-21	12:10:44	12:13:08	734673.861	5221812.518	734693.155	5221858.985	166.15	50	1.80	90.00	0	0	5	90	0	5	20	0	0	0	15	0	4	3	0	12	0	1240	40	0	0	0	0	14	0	0	1	0	20	5	1	0	0	9	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-22	12:13:08	12:15:31	734693.155	5221858.985	734708.123	5221906.557	166.23	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	15	0	6	12	0	8	0	1420	49	0	0	0	0	15	0	0	0	0	13	5	0	0	0	10	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-23	12:15:31	12:17:49	734708.123	5221906.557	734725.44	5221953.351	166.17	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	16	0	4	7	1	2	0	1320	41	0	0	0	0	10	0	0	0	0	2	12	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-24	12:17:49	12:20:07	734725.44	5221953.351	734744.462	5222000.085	166.30	50	1.80	90.00	0	0	5	90	0	5	10	0	0	0	33	0	14	6	0	10	0	1430	54	0	0	0	0	11	0	2	0	0	10	15	0	0	0	18	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-25	12:20:07	12:22:38	734744.462	5222000.085	734757.177	5222048.37	166.73	50	1.80	90.00	0	5	0	90	0	5	16	0	0	5	23	0	16	7	0	9	0	1060	57	0	0	0	0	14	0	4	0	0	16	11	0	0	0	17	0	0	0	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T1	T1-26	12:22:38	12:24:57	734757.177	5222048.37	734774.932	5222095.023	167.08	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	17	0	12	5	0	5	0	1080	51	0	0	0	0	13	0	0	0	0	13	6	0	0	0	11	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-27	12:24:57	12:27:23	734774.932	5222095.023	734794.598	5222142.126	166.82	50	1.80	90.00	0	0	5	90	0	5	22	0	0	0	23	0	23	8	0	9	0	1390	64	0	0	0	0	18	0	2	0	1	22	11	0	0	0	12	0	0	1	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-28	12:27:23	12:29:52	734794.598	5222142.126	734807.916	5222189.64	167.01	50	1.80	90.00	0	0	5	90	0	5	20	0	0	1	27	0	17	12	0	5	0	1160	82	0	0	0	0	26	0	1	0	0	20	6	0	1	0	21	0	0	0	0	0	3	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-29	12:29:52	12:32:30	734807.916	5222189.64	734824.326	5222236.754	167.37	50	1.80	90.00	0	0	5	90	0	5	21	0	0	2	16	0	18	18	0	4	0	1600	54	0	0	0	0	20	0	0	2	0	21	8	0	0	0	10	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-30	12:32:30	12:34:48	734824.326	5222236.754	734842.96	5222283.872	166.82	50	1.80	90.00	0	0	5	90	0	5	7	0	0	0	18	0	15	6	0	5	0	1180	44	0	0	0	0	13	0	2	1	0	7	8	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-31	12:34:48	12:37:20	734842.96	5222283.872	734859.059	5222331.135	167.34	50	1.80	90.00	0	0	5	90	0	5	21	0	0	2	22	0	10	10	0	5	0	1470	45	0	0	0	0	13	0	0	0	0	21	15	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-32	12:37:20	12:39:43	734859.059	5222331.135	734873.734	5222378.605	167.68	50	1.80	90.00	0	0	5	90	0	5	15	0	0	0	23	0	11	5	0	12	0	870	47	0	0	0	0	16	0	0	1	0	15	10	0	0	0	13	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T1	T1-33	12:39:43	12:41:01	734873.734	5222378.605	734882.714	5222403.506	167.68	26	1.80	46.80	0	0	5	100	0	5	8	0	0	0	7	0	5	4	0	7	0	450	30	0	0	0	0	11	0	0	0	0	8	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-1-1	12:45:19	12:48:07	734836.468	5222419.183	734853.092	5222466.738	167.00	50	1.80	90.00	0	0	5	90	0	5	22	0	0	1	31	0	8	6	0	12	1	1410	51	0	0	0	0	22	0	0	1	0	22	9	0	0	0	23	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-1-2	12:48:07	12:50:43	734853.092	5222466.738	734869.282	5222514.365	167.63	50	1.80	90.00	0	0	5	90	0	5	4	0	0	1	38	0	14	8	0	6	0	910	50	0	0	0	0	20	0	2	0	0	4	17	0	0	0	22	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-2-1	12:53:15	12:55:18	734894.938	5222504.752	734876.498	5222458.518	165.90	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	11	0	3	2	0	3	0	790	41	0	0	0	0	5	0	0	0	0	2	6	0	0	0	6	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-2-2	12:55:18	12:57:23	734876.498	5222458.518	734859.565	5222410.63	167.19	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	16	0	4	9	0	12	0	940	40	0	0	0	0	23	0	0	0	0	13	5	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-3-1	13:00:07	13:02:57	734883.172	5222402.641	734899.081	5222450.813	167.03	50	1.80	90.00	0	0	5	90	0	5	4	0	0	1	24	0	0	8	0	3	0	1280	38	0	0	0	0	9	0	0	0	0	4	7	0	0	0	18	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-3-2	13:02:57	13:05:20	734899.081	5222450.813	734916.338	5222497.505	167.91	50	1.80	90.00	0	0	5	90	0	5	11	0	0	1	23	0	4	5	0	11	0	800	64	0	0	0	0	15	0	1	0	0	11	8	0	0	0	16	0	0	1	0	0	0	0	0	1	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-4-1	13:08:00	13:09:45	734941.415	5222485.958	734923.803	5222441.383	166.46	50	1.80	90.00	0	0	0	95	0	5	1	0	0	0	11	0	2	3	0	3	0	550	42	0	0	0	0	8	0	0	2	0	1	4	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-4-2	13:09:45	13:11:51	734923.803	5222441.383	734907.164	5222394.16	168.31	50	1.80	90.00	0	0	5	90	0	5	1	0	0	0	3	0	0	4	0	4	0	1310	23	0	0	0	0	9	0	1	1	0	1	2	0	0	0	5	0	0	0	1	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-5-1	13:14:12	13:16:58	734930.495	5222386.229	734948.938	5222432.998	167.22	50	1.80	90.00	0	0	0	95	0	5	2	0	0	0	12	0	1	8	0	2	0	1620	12	0	0	0	0	6	0	0	1	0	2	8	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A1	A1-5-2	13:16:58	13:19:21	734948.938	5222432.998	734963.779	5222480.659	167.26	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	40	0	4	3	0	6	0	1850	47	0	0	0	0	11	0	0	0	0	2	24	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0

APPENDIX

Table A-2 Taxa Abundances for Anchor 2 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	A2	A2-1-1	14:32:01	14:34:43	736124.749	5221320.106	736078.564	5221300.544	165.23	50	1.80	90.00	0	0	5	90	0	5	5	0	0	2	24	0	8	7	0	9	0	1320	48	0	0	0	0	5	0	0	0	0	5	8	0	0	0	18	0	0	1	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	A2	A2-1-2	14:34:43	14:36:31	736078.564	5221300.544	736030.443	5221283.457	165.91	50	1.80	90.00	0	0	5	90	0	5	2	0	0	0	37	0	3	4	0	15	0	1860	53	0	0	0	0	6	0	0	0	1	2	14	0	0	0	23	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A2	A2-2-1	14:38:20	14:40:03	736037.799	5221263.1	736086.078	5221276.991	165.90	50	1.80	90.00	0	0	5	90	0	5	8	0	0	0	24	0	1	7	0	18	0	1700	50	0	0	0	0	9	0	1	0	0	8	14	0	0	0	10	0	0	0	0	0	0	1	1	0	0	0
Gale N-66 Anchor	2023-04-14	A2	A2-2-2	14:40:03	14:41:52	736086.078	5221276.991	736133.182	5221295.489	166.26	50	1.80	90.00	0	0	5	90	0	5	4	0	0	1	23	0	0	5	0	15	0	1490	65	0	0	0	0	9	0	0	1	0	4	8	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A2	A2-3-1	14:45:05	14:46:56	736141.832	5221271.634	736094.08	5221255.816	166.12	50	1.80	90.00	0	0	5	90	0	5	7	0	0	0	20	0	2	5	0	6	0	1420	52	0	0	0	0	13	0	0	0	0	7	9	0	0	0	11	0	0	1	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A2	A2-3-2	14:46:56	14:48:52	736094.08	5221255.816	736046.299	5221238.928	166.07	50	1.80	90.00	0	0	5	90	0	5	8	0	0	4	21	0	0	8	0	12	0	1250	38	0	0	0	0	8	0	0	0	0	8	5	0	0	0	20	0	0	0	0	3	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A2	A2-4-1	14:50:53	14:52:40	736054.807	5221216.039	736102.277	5221232.725	165.97	50	1.80	90.00	0	0	5	90	0	5	6	0	0	0	16	0	1	10	0	19	0	970	44	0	0	0	0	7	0	0	0	0	6	4	0	0	0	12	0	0	0	0	0	1	1	1	0	1	0
Gale N-66 Anchor	2023-04-14	A2	A2-4-2	14:52:40	14:54:22	736102.277	5221232.725	736150.376	5221248.912	165.94	50	1.80	90.00	0	0	0	95	0	5	7	0	0	3	21	0	0	8	0	29	0	1490	49	0	0	0	0	4	0	0	1	1	7	5	0	0	0	19	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A2	A2-5-1	14:56:46	14:58:57	736157.873	5221225.979	736110.617	5221208.994	165.91	50	1.80	90.00	0	0	5	90	0	5	5	0	0	0	29	0	1	11	0	22	0	1430	34	0	0	0	0	7	0	0	1	1	5	7	0	0	0	22	0	0	0	0	0	2	0	1	0	2	0
Gale N-66 Anchor	2023-04-14	A2	A2-5-2	14:58:57	15:01:02	736110.617	5221208.994	736062.763	5221192.032	166.04	50	1.80	90.00	0	0	5	90	0	5	13	0	0	1	15	0	2	11	0	20	0	1100	49	0	0	0	0	7	0	0	0	0	13	7	1	0	0	8	0	0	0	0	0	1	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-1	15:05:35	15:07:27	736047.756	5221239.025	736006.976	5221224.289	166.35	50	1.80	90.00	0	0	5	90	0	5	3	0	0	0	11	0	0	10	0	11	0	800	48	0	0	0	0	11	0	0	1	0	3	6	0	0	0	5	0	0	0	0	0	1	0	0	0	0	1
Gale N-66 Anchor	2023-04-14	T2	T2-2	15:07:27	15:09:22	736006.976	5221224.289	735959.698	5221208.002	166.64	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	24	0	5	11	0	17	0	1200	42	0	0	0	0	10	0	1	3	0	2	11	0	0	0	14	0	0	2	0	0	5	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-3	15:09:22	15:11:09	735959.698	5221208.002	735912.661	5221192.359	166.42	50	1.80	90.00	0	0	0	95	0	5	6	0	0	0	12	0	1	13	0	13	0	1040	47	0	0	0	0	13	0	0	0	1	6	9	0	0	0	3	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-4	15:11:09	15:13:04	735912.661	5221192.359	735865.91	5221174.609	166.20	50	1.80	90.00	0	0	5	90	0	5	11	0	0	0	27	0	2	3	0	17	0	680	52	0	0	0	0	9	0	0	0	0	11	16	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-5	15:13:04	15:14:56	735865.91	5221174.609	735818.287	5221159.748	166.46	50	1.80	90.00	0	0	5	90	0	5	5	0	0	0	23	0	7	11	0	28	0	1390	50	0	0	0	0	14	0	0	1	0	5	11	0	0	0	12	0	0	0	0	0	3	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-6	15:14:56	15:16:56	735818.287	5221159.748	735771.343	5221141.878	166.28	50	1.80	90.00	0	0	5	90	0	5	3	0	0	0	19	0	0	10	0	17	0	1280	56	0	0	0	0	11	0	0	1	0	3	6	0	0	0	13	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-7	15:16:56	15:18:56	735771.343	5221141.878	735723.763	5221125.668	166.01	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	12	0	3	18	0	10	0	1290	35	0	0	0	0	12	0	0	1	0	2	6	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-8	15:18:56	15:20:57	735723.763	5221125.668	735676.27	5221109.151	167.05	50	1.80	90.00	0	0	0	95	0	5	13	0	0	0	19	0	0	6	0	15	0	665	60	0	0	0	0	14	0	0	1	0	13	7	0	0	0	12	0	0	0	0	0	0	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-9	15:20:57	15:22:55	735676.27	5221109.151	735629.172	5221092.721	166.23	50	1.80	90.00	0	0	5	85	0	10	10	0	0	1	12	0	5	16	0	18	0	1660	42	0	0	0	0	14	0	0	0	0	10	10	0	0	0	3	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-10	15:22:55	15:24:48	735629.172	5221092.721	735582.402	5221076.499	165.96	50	1.80	90.00	0	0	5	90	0	5	5	0	0	0	15	0	4	12	0	18	0	1080	49	0	0	0	0	12	0	0	1	0	5	8	0	0	0	7	0	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-11	15:24:48	15:26:45	735582.402	5221076.499	735535.25	5221059.161	166.74	50	1.80	90.00	0	0	5	90	0	5	11	0	0	0	11	0	5	14	0	12	0	780	56	0	0	0	0	16	0	0	2	0	11	5	0	0	0	6	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-12	15:26:45	15:28:40	735535.25	5221059.161	735488.234	5221043.029	166.42	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	7	0	2	15	1	13	0	1230	35	0	0	0	0	9	0	0	1	0	13	5	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-13	15:28:40	15:30:38	735488.234	5221043.029	735440.554	5221026.334	166.23	50	1.80	90.00	0	0	5	85	0	10	12	0	0	0	20	0	3	16	0	10	0	1180	30	0	0	0	0	20	0	0	0	0	12	8	0	0	0	12	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-14	15:30:38	15:32:35	735440.554	5221026.334	735393.693	5221010.44	166.54	50	1.80	90.00	0	0	5	90	0	5	20	0	0	0	14	0	4	13	0	12	0	1210	50	0	0	0	0	15	0	0	0	0	20	5	0	0	0	9	0	0	0	0	0	1	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-15	15:32:35	15:34:30	735393.693	5221010.44	735346.362	5220994.389	166.06	50	1.80	90.00	0	0	5	90	0	5	26	0	0	2	21	0	5	4	0	29	0	1350	39	0	0	0	0	17	0	0	0	0	26	9	0	0	0	14	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-16	15:34:30	15:36:25	735346.362	5220994.389	735300.317	5220975.426	166.17	50	1.80	90.00	0	0	5	90	0	5	15	0	0	3	12	0	5	18	0	18	0	1340	37	0	0	0	0	20	0	0	0	0	15	11	0	0	0	4	0	0	0	0	0	0	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-17	15:36:25	15:38:17	735300.317	5220975.426	735252.127	5220960.371	165.95	50	1.80	90.00	0	0	5	90	0	5	9	0	0	1	11	0	0	20	0	14	0	1260	41	0	0	0	0	14	0	0	5	0	9	10	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-18	15:38:17	15:40:11	735252.127	5220960.371	735205.368	5220942.836	166.21	50	1.80	90.00	0	0	5	90	0	5	21	0	0	0	14	0	1	7	0	19	0	1080	35	0	0	0	0	16	0	0	2	0	21	14	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-19	15:40:11	15:42:11	735205.368	5220942.836	735158.074	5220926.575	165.81	50	1.80	90.00	0	0	5	90	0	5	21	0	0	2	25	0	3	11	0	13	0	1660	36	0	0	0	0	12	0	0	0	0	21	18	0	0	0	9	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-20	15:42:11	15:44:04	735158.074	5220926.575	735110.846	5220909.424	166.32	50	1.80	90.00	0	0	5	85	0	10	26	0	0	0	30	0	1	10	0	10	0	1010	53	0	0	0	0	15	0	0	0	0	26	16	0	0	0	14	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-21	15:44:04	15:45:59	735110.846	5220909.424	735063.579	5220894.139	166.25	50	1.80	90.00	0	0	5	90	0	5	17	0	0	4	27	0	0	8	0	16	0	1400	61	0	0	0	0	25	0	0	0	0	17	17	0	0	0	14	0	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-22	15:45:59	15:47:52	735063.579	5220894.139	735015.981	5220877.577	166.16	50	1.80	90.00	0	0	5	90	0	5	41	0	0	0	28	0	0	8	1	20	0	1820	31	0	0	0	0	24	0	0	0	0	41	12	0	0	0	16	0	0	0	0	0	2	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T2	T2-23	15:47:52	15:49:44	735015.981	5220877.577	734969.144	5220861.379	165.90	50	1.80	90.00	0	0	5	90	0	5	27	0	0	1	30	0	1	8	1	16	0	1420	43	0	0	0	0	16	0	0	0	0	27	9	0	0	0	22	0	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-24	15:49:44	15:51:37	734969.144	5220861.379	734921.423	5220845.022	165.58	50	1.80	90.00	0	0	5	90	0	5	24	0	0	1	13	0	2	3	0	18	0	1300	44	0	0	0	0	16	0	0	0	0	24	5	0	0	0	9	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T2	T2-25	15:51:37	15:53:30	734921.423	5220845.022	734874.215	5220827.658	166.00	50	1.80	90.00	0	0	5	90	0	5	39	0	0	0	17	0	1	8	0	18	0	1380	56	0	0	0	0	23	0	0	1	0	39	2	1	0	0	14	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-26	15:53:30	15:55:22	734874.215	5220827.658	734827.417	5220811.607	165.61	50	1.80	90.00	0	0	5	90	0	5	42	0	0	0	15	0	0	12	0	28	0	1480	42	0	0	0	0	14	0	0	1	0	42	6	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-27	15:55:22	15:57:18	734827.417	5220811.607	734780.392	5220793.293	165.00	50	1.80	90.00	0	0	5	90	0	5	32	0	0	2	16	0	0	10	0	19	0	1540	34	0	0	0	0	10	0	0	3	0	32	4	0	0	0	14	0	0	0	0	0	8	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-28	15:57:18	15:59:11	734780.392	5220793.293	734733.885	5220776.999	164.94	50	1.80	90.00	0	0	5	90	0	5	33	0	0	3	12	0	1	11	0	19	0	1280	39	0	0	0	0	23	0	0	1	0	33	6	0	0	0	9	0	0	0	0	0	5	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-29	15:59:11	16:01:03	734733.885	5220776.999	734685.44	5220761.368	165.15	50	1.80	90.00	0	0	0	95	0	5	20	0	0	0	24	0	1	3	0	16	0	600	32	0	0	0	0	19	0	0	0	0	20	8	0	0	0	16	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-30	16:01:03	16:02:52	734685.44	5220761.368	734639.024	5220744.31	165.41	50	1.80	90.00	0	0	5	90	0	5	25	0	0	0	14	0	0	4	0	13	0	910	30	0	0	0	0	16	0	0	0	0	25	7	0	0	0	7	0	0	0	0	0	3	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-31	16:02:52	16:04:41	734639.024	5220744.31	734591.943	5220727.443	164.94	50	1.80	90.00	0	0	5	90	0	5	48	0	0	0	20	0	0	13	0	29	0	1660	56	0	0	0	0	16	0	1	0	0	48	13	0	0	0	7	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-32	16:04:41	16:06:31	734591.943	5220727.443	734544.132	5220711.18	164.78	50	1.80	90.00	0	0	5	90	0	5	58	0	0	0	20	0	1	6	0	28	0	1020	36	0	0	0	0	20	0	1	1	0	58	9	0	0	0	11	0	0	0	0	0	1	0	0	3	0	0
Gale N-66 Anchor	2023-04-14	T2	T2-33	16:06:31	16:08:26	734544.132	5220711.18	734496.079	5220695.557	164.69	43	1.80	77.40	0	0	5	90	0	5	73	0	0	1	10	0	2	8	0	15	0	1660	40	0	0	0	0	21	0	1	1	0	73	4	0	0	0	7	0	0	0	0	0	1	0	0	0	0	0

APPENDIX

Table A-3 Taxa Abundances for Anchor 3 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	T3	T3-1	16:22:08	16:25:47	734496.55	5220507.401	734543.952	5220492.206	160.68	50	1.80	90.00	0	5	5	70	0	20	24	0	0	0	24	0	1	0	0	9	0	1020	32	0	0	0	0	8	0	0	0	0	24	8	0	0	0	16	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-2	16:25:47	16:28:10	734543.952	5220492.206	734590.356	5220472.451	164.35	50	1.80	90.00	0	5	5	80	0	10	75	0	0	1	22	0	0	2	0	13	0	1940	46	0	0	0	0	10	0	0	0	0	75	15	0	0	0	8	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-3	16:28:10	16:30:24	734590.356	5220472.451	734636.016	5220452.499	164.86	50	1.80	90.00	0	0	5	90	0	5	81	0	0	1	12	0	1	13	0	25	0	1290	45	0	0	0	0	25	0	2	1	0	81	10	0	0	0	3	0	0	0	0	0	4	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-4	16:30:24	16:32:28	734636.016	5220452.499	734683.04	5220433.814	164.82	50	1.80	90.00	0	0	5	90	0	5	85	0	0	0	14	0	1	11	0	28	0	1260	48	0	0	0	0	18	0	0	0	0	85	12	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-5	16:32:28	16:34:31	734683.04	5220433.814	734729.046	5220414.814	164.86	50	1.80	90.00	0	0	5	90	0	5	69	0	0	0	16	0	2	9	0	19	0	1140	43	0	0	0	0	14	0	1	1	0	69	15	0	0	0	1	0	0	0	0	0	4	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-6	16:34:31	16:37:01	734729.046	5220414.814	734775.913	5220397.921	165.07	50	1.80	90.00	0	0	5	90	0	5	71	1	0	0	19	0	1	12	0	36	0	950	55	0	0	0	0	22	0	0	0	0	72	19	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-7	16:37:01	16:39:53	734775.913	5220397.921	734821.32	5220376.96	164.98	50	1.80	90.00	0	0	0	95	0	5	71	0	0	0	27	0	5	8	1	32	0	960	59	0	0	0	0	23	0	0	0	0	71	26	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-8	16:39:53	16:43:00	734821.32	5220376.96	734868.436	5220359.669	165.17	50	1.80	90.00	0	0	5	90	0	5	60	0	0	0	20	0	2	17	0	20	0	1230	63	0	0	0	0	19	0	1	1	1	60	11	0	0	0	9	0	0	1	0	0	2	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-9	16:43:00	16:45:40	734868.436	5220359.669	734913.961	5220339.14	164.93	50	1.80	90.00	0	0	5	90	0	5	63	0	0	1	12	0	4	13	0	37	0	1700	50	0	0	0	0	41	0	1	2	0	63	12	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T3	T3-10	16:45:40	16:48:18	734913.961	5220339.14	734959.821	5220319.402	165.09	50	1.80	90.00	0	0	5	90	0	5	56	0	0	1	29	0	2	6	2	29	0	820	57	0	0	0	0	46	0	0	1	0	56	29	1	0	0	0	0	0	0	0	0	2	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-11	16:48:18	16:50:58	734959.821	5220319.402	735007.11	5220302.345	165.78	50	1.80	90.00	0	5	0	85	0	10	43	0	0	0	23	0	2	8	0	12	0	920	39	0	0	0	0	27	0	0	0	0	43	17	0	0	0	6	0	0	0	0	0	4	0	1	0	2	0
Gale N-66 Anchor	2023-04-14	T3	T3-12	16:50:58	16:52:57	735007.11	5220302.345	735053.669	5220284.189	165.52	50	1.80	90.00	0	0	5	90	0	5	40	0	0	2	17	0	2	14	0	21	0	1300	42	0	0	0	0	18	0	0	1	0	40	15	0	0	0	4	0	0	0	0	0	5	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-13	16:52:57	16:55:10	735053.669	5220284.189	735099.043	5220263.231	165.21	50	1.80	90.00	0	0	5	90	0	5	41	1	0	2	22	0	1	13	0	41	0	1190	48	0	0	0	0	18	0	0	0	0	42	19	0	0	0	5	0	0	1	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T3	T3-14	16:55:10	16:57:25	735099.043	5220263.231	735145.79	5220245.77	165.13	50	1.80	90.00	0	0	5	85	0	10	37	0	0	0	42	0	1	7	0	33	0	1110	66	0	0	0	0	17	0	0	0	0	37	21	0	0	0	21	0	0	0	0	0	2	1	0	0	2	0
Gale N-66 Anchor	2023-04-14	T3	T3-15	16:57:25	17:00:01	735145.79	5220245.77	735192.738	5220228.537	165.34	50	1.80	90.00	0	0	5	90	0	5	34	0	0	0	23	0	0	7	0	35	0	750	52	0	0	0	0	23	0	0	1	0	34	20	1	0	0	2	0	0	0	0	0	5	0	2	0	0	1
Gale N-66 Anchor	2023-04-14	T3	T3-16	17:00:01	17:02:51	735192.738	5220228.537	735238.434	5220207.519	165.34	50	1.80	90.00	0	0	5	90	0	5	57	0	0	0	9	0	3	11	0	26	0	1300	62	0	0	0	0	22	0	0	0	0	57	8	0	0	0	1	0	0	0	0	0	2	0	2	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-17	17:02:51	17:05:52	735238.434	5220207.519	735285.284	5220189.937	164.90	50	1.80	90.00	0	0	5	90	0	5	38	0	0	0	15	0	1	7	0	32	0	1350	43	0	0	0	0	24	0	0	1	0	38	10	0	0	0	5	0	0	0	0	0	4	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-18	17:05:52	17:07:56	735285.284	5220189.937	735330.694	5220169.773	165.00	50	1.80	90.00	0	0	5	90	0	5	50	0	0	3	22	0	2	10	0	35	0	1020	57	0	0	0	0	1	22	0	1	0	0	50	23	0	0	0	2	0	0	0	0	0	5	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-19	17:07:56	17:09:57	735330.694	5220169.773	735377.737	5220151.759	165.43	50	1.80	90.00	0	0	0	95	0	5	17	1	0	2	38	0	4	6	0	31	0	1560	38	0	0	0	0	9	0	0	0	0	18	26	0	0	0	14	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-20	17:09:57	17:13:04	735377.737	5220151.759	735423.305	5220131.452	164.81	50	1.80	90.00	0	5	5	85	0	5	45	0	0	9	44	0	1	6	0	27	0	910	61	0	0	0	0	22	0	0	0	0	45	33	0	0	0	20	0	0	0	0	0	4	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-21	17:13:04	17:15:36	735423.305	5220131.452	735470.468	5220114.731	165.59	50	1.80	90.00	0	0	5	90	0	5	46	0	0	0	19	0	4	6	1	21	0	520	57	0	0	0	0	27	0	1	0	0	46	14	0	0	0	5	0	0	2	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-22	17:15:36	17:17:37	735470.468	5220114.731	735516.323	5220093.976	165.81	50	1.80	90.00	0	5	5	85	0	5	54	0	0	10	70	0	2	9	0	31	0	1140	64	0	0	0	0	19	0	0	0	0	54	26	1	0	0	53	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-23	17:17:37	17:19:26	735516.323	5220093.976	735562.753	5220074.982	166.11	50	1.80	90.00	0	0	5	85	0	10	24	0	0	2	26	0	3	6	0	14	0	960	36	0	0	0	0	18	0	0	1	0	24	19	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-24	17:19:26	17:21:22	735562.753	5220074.982	735608.908	5220057.252	165.51	50	1.80	90.00	0	0	5	90	0	5	24	0	0	5	29	0	3	10	0	20	0	1690	61	0	0	0	0	10	0	0	0	0	24	20	1	0	0	13	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-25	17:21:22	17:23:39	735608.908	5220057.252	735655.306	5220038.856	164.84	50	1.80	90.00	0	0	5	90	0	5	25	1	0	0	21	0	5	10	0	21	0	1010	36	0	0	0	0	6	0	0	0	0	26	21	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-26	17:23:39	17:25:26	735655.306	5220038.856	735701.545	5220018.886	164.96	50	1.80	90.00	0	0	5	90	0	5	9	0	0	0	11	0	5	7	0	15	0	1190	40	0	0	0	0	9	0	0	1	0	9	10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-27	17:25:26	17:27:21	735701.545	5220018.886	735747.638	5220000.275	164.84	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	13	0	10	6	0	13	0	1090	41	0	0	0	0	7	0	0	0	0	13	13	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-28	17:27:21	17:29:10	735747.638	5220000.275	735794.093	5219979.961	165.16	50	1.80	90.00	0	0	5	90	0	5	10	0	0	0	11	0	10	13	0	16	0	1860	37	0	0	0	0	13	0	0	0	0	10	10	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-29	17:29:10	17:31:02	735794.093	5219979.961	735840.549	5219963.407	165.61	50	1.80	90.00	0	0	5	90	0	5	15	0	0	0	20	0	3	12	0	17	0	1260	36	0	0	0	0	15	0	0	1	0	15	18	0	0	0	2	0	0	0	0	0	1	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-30	17:31:02	17:32:51	735840.549	5219963.407	735887.011	5219945	165.66	50	1.80	90.00	0	0	5	90	0	5	19	0	0	0	24	0	5	10	0	19	0	600	51	1	0	0	0	14	0	0	0	0	19	22	0	0	0	2	0	0	0	0	0	1	0	0	0	2	0
Gale N-66 Anchor	2023-04-14	T3	T3-31	17:32:51	17:34:42	735887.011	5219945	735932.996	5219924.784	166.14	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	23	0	5	14	0	10	0	930	46	0	0	0	0	26	0	0	0	0	13	21	0	0	0	2	0	0	0	0	0	0	0	2	0	1	0
Gale N-66 Anchor	2023-04-14	T3	T3-32	17:34:42	17:36:37	735932.996	5219924.784	735979.443	5219906.726	166.00	50	1.80	90.00	0	0	5	90	0	5	20	0	0	7	40	0	11	10	0	37	0	1620	57	0	0	0	0	14	0	0	1	0	20	46	0	0	0	1	0	0	0	0	0	1	0	3	0	0	0
Gale N-66 Anchor	2023-04-14	T3	T3-33	17:36:37	17:38:36	735979.443	5219906.726	736017.404	5219892.722	165.17	40	1.80	72.00	0	0	5	90	0	5	23	0	0	0	16	0	4	15	0	24	0	1430	34	0	0	0	0	11	0	0	1	0	23	16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-1-1	17:45:45	17:48:00	736033.667	5219936.072	736081.082	5219919.633	164.18	50	1.80	90.00	0	0	5	90	0	5	19	0	0	0	17	0	2	9	0	17	0	960	65	0	0	0	0	12	0	0	1	0	19	9	1	0	0	7	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-1-2	17:48:00	17:50:09	736081.082	5219919.633	736127.831	5219900.569	165.65	50	1.80	90.00	0	0	5	85	0	10	41	0	0	5	27	0	0	5	0	21	0	1540	65	0	0	0	0	19	0	0	0	0	41	16	0	0	0	16	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-2-1	17:52:16	17:55:25	736117.279	5219875.596	736071.051	5219895.712	165.65	50	1.80	90.00	0	0	5	90	0	5	13	0	0	1	46	0	0	15	0	21	0	1080	52	0	0	0	0	1	23	0	4	0	13	15	0	0	0	32	0	1	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-2-2	17:55:25	17:58:31	736071.051	5219895.712	736024.871	5219915.01	166.06	50	1.80	90.00	0	0	5	90	0	5	20	0	0	0	20	0	3	7	0	18	0	640	64	0	0	0	0	24	0	2	0	0	20	9	0	0	0	11	0	0	0	0	0	2	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	A3	A3-3-1	18:00:30	18:02:47	736014.531	5219889.248	736061.334	5219872.102	164.99	50	1.80	90.00	0	0	5	90	0	5	12	0	0	0	11	0	2	5	0	7	0	510	36	0	0	0	0	0	0	0	0	0	12	1	0	0	0	10	0	0	1	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A3	A3-3-2	18:02:47	18:04:44	736061.334	5219872.102	736107.221	5219851.314	165.12	50	1.80	90.00	0	0	5	90	0	5	2	0	0	1	25	0	0	2	0	13	0	950	55	0	0	0	0	5	0	0	0	0	2	9	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-4-1	18:06:43	18:09:15	736099.111	5219830.331	736052.221	5219849.445	165.83	50	1.80	90.00	0	0	5	90	0	5	13	0	0	2	117	0	4	6	0	29	0	1400	75	0	0	0	0	18	0	0	0	0	13	13	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-4-2	18:09:15	18:12:21	736052.221	5219849.445	736005.982	5219868.645	166.59	50	1.80	90.00	0	0	0	95	0	5	20	0	0	0	20	0	3	14	0	26	0	665	74	0	0	0	0	27	0	0	0	0	20	8	0	0	0	12	0	0	2	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A3	A3-5-1	18:14:25	18:16:39	735996.112	5219844.668	736043.407	5219826.811	165.17	50	1.80	90.00	0	0	5	90	0	5	15	0	0	0	7	0	2	14	0	11	0	1040	43	0	0	0	0	14	0	0	2	0	15	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A3	A3-5-2	18:16:39	18:19:24	736043.407	5219826.811	736090.182	5219807.9	166.18	50	1.80	90.00	0	0	5	90	0	5	22	0	0	0	16	0	2	7	0	15	0	840	59	0	0	0	0	10	0	0	2	0	22	2	0	0	0	14	0	0	2	0	0	1	0	1	0	0	0

APPENDIX

Table A-4 Taxa Abundances for Anchor 4 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	A4	A4-1-1	16:46:23	16:48:29	735054.383	5218773.484	735034.394	5218820.037	163.18	50	1.80	90.00	0	0	10	85	0	5	8	0	0	14	0	0	0	5	0	1	5	400	49	0	0	0	0	9	0	0	0	0	8	10	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A4	A4-1-2	16:48:29	16:50:34	735034.394	5218820.037	735015.904	5218866.942	163.54	50	1.80	90.00	0	0	5	90	0	5	8	0	0	7	0	0	0	3	0	1	4	310	44	0	0	0	0	7	2	0	0	0	8	2	0	0	0	5	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A4	A4-2-1	16:52:54	16:54:37	734992.159	5218856.846	735012.795	5218810.233	162.52	50	1.80	90.00	0	0	5	90	0	5	9	0	0	7	0	0	1	0	0	0	3	400	40	0	0	0	0	2	0	0	0	0	9	5	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	A4	A4-2-2	16:54:37	16:56:10	735012.795	5218810.233	735031.597	5218764.367	163.17	50	1.80	90.00	0	5	5	85	0	5	12	0	0	7	0	0	3	2	0	0	5	500	32	0	0	0	0	3	0	0	0	0	12	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-3-1	16:58:34	17:00:57	735008.271	5218754.715	734988.866	5218800.769	162.82	50	1.80	90.00	0	0	5	90	0	5	1	0	0	7	0	0	1	3	0	1	2	470	40	0	0	0	0	10	2	0	0	0	1	5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-3-2	17:00:57	17:03:16	734988.866	5218800.769	734969.887	5218847.816	163.30	50	1.80	90.00	0	0	5	90	0	5	4	0	0	10	0	0	0	1	0	2	3	370	42	0	0	0	0	11	1	0	0	0	4	4	0	0	0	6	0	1	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-4-1	17:05:03	17:06:40	734947.444	5218838.827	734966.782	5218791.909	161.70	50	1.80	90.00	0	0	5	90	0	5	12	0	0	5	1	0	1	1	0	0	3	300	56	0	0	0	0	2	0	0	0	0	12	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-4-2	17:06:40	17:08:14	734966.782	5218791.909	734984.305	5218744.485	163.19	50	1.80	90.00	0	5	5	85	0	5	10	0	0	12	0	0	2	1	0	0	4	340	64	0	0	0	0	3	1	0	0	0	10	8	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-5-1	17:10:44	17:13:03	734962.812	5218736.021	734942.592	5218781.855	162.57	50	1.80	90.00	0	0	5	90	0	5	6	0	0	9	1	0	2	6	0	1	4	460	34	0	0	0	0	18	3	0	0	0	6	4	0	0	0	2	4	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A4	A4-5-2	17:13:03	17:15:26	734942.592	5218781.855	734923.421	5218828.69	162.87	50	1.80	90.00	0	0	5	90	0	5	9	0	0	9	0	0	2	2	0	0	3	390	49	0	0	0	0	7	1	0	0	0	9	6	0	0	0	2	1	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-1	17:18:41	17:19:43	734970.767	5218846.99	734962.257	5218866.141	162.99	50	1.80	90.00	0	0	5	90	0	5	4	0	0	3	0	0	2	1	0	1	0	440	23	0	0	0	1	4	0	0	1	0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-2	17:19:43	17:22:06	734962.257	5218866.141	734943.701	5218913.07	163.13	50	1.80	90.00	0	0	10	85	0	5	13	0	0	9	0	0	6	4	0	4	11	570	34	0	0	0	0	15	1	0	0	0	13	5	0	0	0	2	2	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-3	17:22:06	17:24:31	734943.701	5218913.07	734924.916	5218959.03	163.38	50	1.80	90.00	0	5	10	80	0	5	13	0	0	9	0	0	3	4	0	0	11	500	43	0	0	1	0	12	0	0	0	0	13	6	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-4	17:24:31	17:26:57	734924.916	5218959.03	734905.43	5219005.395	163.39	50	1.80	90.00	0	0	10	85	0	5	10	0	0	16	0	0	3	6	1	3	21	530	45	0	0	0	1	10	0	0	1	0	10	11	0	0	0	3	2	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-5	17:26:57	17:29:26	734905.43	5219005.395	734886.432	5219051.724	163.61	50	1.80	90.00	0	0	10	85	0	5	54	0	0	6	0	0	5	6	0	1	20	450	51	0	6	0	0	13	0	0	1	0	54	2	1	0	0	2	1	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-6	17:29:26	17:31:54	734886.432	5219051.724	734868.008	5219097.938	163.50	50	1.80	90.00	0	5	10	80	0	5	18	0	0	12	1	0	4	3	0	2	15	470	43	0	0	0	0	13	1	0	0	0	18	11	0	0	0	2	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-7	17:31:54	17:34:20	734868.008	5219097.938	734848.736	5219144.094	163.24	50	1.80	90.00	0	0	5	90	0	5	18	0	0	15	0	0	0	6	0	6	21	510	41	0	0	0	0	8	1	0	0	0	18	10	0	0	0	4	1	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-8	17:34:20	17:36:46	734848.736	5219144.094	734830.792	5219190.965	163.25	50	1.80	90.00	0	0	10	85	0	5	17	0	0	11	0	0	2	3	0	11	11	460	42	0	0	0	0	11	0	0	0	0	17	9	0	0	0	1	1	0	1	0	0	4	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-9	17:36:46	17:39:14	734830.792	5219190.965	734811.716	5219237.341	163.51	50	1.80	90.00	0	0	10	85	0	5	22	0	0	18	0	0	1	8	0	2	4	420	39	0	0	0	0	15	0	0	1	0	22	14	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-10	17:39:14	17:42:10	734811.716	5219237.341	734793.259	5219283.841	163.41	50	1.80	90.00	0	0	5	90	0	5	18	0	0	9	0	0	4	5	0	2	21	380	49	0	0	0	0	17	1	0	0	0	18	7	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-11	17:42:10	17:44:37	734793.259	5219283.841	734774.868	5219330.442	163.35	50	1.80	90.00	0	0	10	85	0	5	20	0	0	17	0	0	2	7	0	10	12	470	46	0	0	0	0	18	0	0	0	0	20	8	0	0	0	8	1	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-12	17:44:37	17:47:21	734774.868	5219330.442	734756.413	5219376.713	163.46	50	1.80	90.00	0	0	5	90	0	5	16	0	0	9	0	0	0	5	0	1	9	450	47	0	0	0	0	14	0	0	0	0	16	7	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-13	17:47:21	17:50:08	734756.413	5219376.713	734736.347	5219422.33	163.83	50	1.80	90.00	0	0	15	80	0	5	27	0	0	10	0	0	1	2	0	2	5	410	61	0	0	0	0	9	0	0	0	0	27	4	0	0	0	2	4	0	0	0	0	7	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-14	17:50:08	17:52:45	734736.347	5219422.33	734716.335	5219468.495	163.79	50	1.80	90.00	0	0	10	85	0	5	28	0	0	6	0	0	0	1	0	2	10	320	40	0	0	0	0	13	0	0	0	0	28	2	0	0	0	3	1	0	0	0	0	4	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-15	17:52:45	17:55:19	734716.335	5219468.495	734697.678	5219514.872	164.15	50	1.80	90.00	0	0	5	90	0	5	20	0	0	10	1	0	0	3	0	3	13	250	25	0	0	0	0	10	0	0	0	0	20	10	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-16	17:55:19	17:57:46	734697.678	5219514.872	734679.449	5219561.27	163.92	50	1.80	90.00	0	0	5	90	0	5	12	0	0	11	0	0	0	3	0	0	4	470	43	0	0	0	0	10	0	0	0	0	12	5	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-17	17:57:46	18:00:34	734679.449	5219561.27	734661.177	5219607.831	165.00	50	1.80	90.00	0	0	10	85	0	5	38	0	0	12	0	0	0	5	0	1	8	410	38	0	0	0	0	17	0	0	0	0	38	5	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-18	18:00:34	18:03:06	734661.177	5219607.831	734642.143	5219654.313	163.40	50	1.80	90.00	0	0	10	85	0	5	55	0	0	10	0	0	0	5	0	7	5	470	35	0	0	0	0	11	0	0	0	0	55	5	0	0	0	2	3	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-19	18:03:06	18:05:33	734642.143	5219654.313	734624.532	5219700.95	163.29	50	1.80	90.00	0	0	10	85	0	5	22	0	0	14	0	0	1	1	0	0	3	330	38	0	0	0	0	9	0	0	0	0	22	9	0	0	0	5	0	0	0	0	0	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-20	18:05:33	18:08:09	734624.532	5219700.95	734603.715	5219746.659	164.10	50	1.80	90.00	0	5	10	80	0	5	67	0	0	15	0	0	1	7	0	2	11	430	61	0	0	0	0	14	0	0	0	0	67	6	0	0	0	9	0	0	0	0	0	5	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-21	18:08:09	18:10:39	734603.715	5219746.659	734585.941	5219793.49	163.55	50	1.80	90.00	0	0	5	90	0	5	53	0	0	10	0	0	2	4	0	0	5	370	61	0	0	0	0	16	0	0	0	0	53	3	0	0	0	7	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-22	18:10:39	18:13:11	734585.941	5219793.49	734566.675	5219839.281	164.28	50	1.80	90.00	0	5	5	85	0	5	36	0	0	14	0	0	2	1	0	1	15	270	55	0	0	0	0	12	0	0	0	0	36	9	0	0	0	5	0	0	0	0	0	3	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-23	18:13:11	18:15:39	734566.675	5219839.281	734547.067	5219885.601	163.56	50	1.80	90.00	0	0	5	90	0	5	49	0	0	10	0	0	1	2	0	3	12	360	52	0	0	0	0	14	1	0	0	0	49	5	0	0	0	5	0	0	0	0	0	6	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-24	18:15:39	18:18:02	734547.067	5219885.601	734530.304	5219932.699	163.58	50	1.80	90.00	0	0	5	90	0	5	54	0	0	7	0	0	0	5	0	1	9	380	58	0	0	0	0	17	0	0	0	0	54	1	0	0	0	5	1	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-25	18:18:02	18:20:40	734530.304	5219932.699	734511.869	5219979.273	163.89	50	1.80	90.00	0	0	10	85	0	5	63	0	0	13	0	0	0	4	0	2	3	420	74	0	0	0	0	8	0	0	0	0	63	5	0	1	0	2	5	0	0	0	0	1	0	0	1	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-26	18:20:40	18:23:06	734511.869	5219979.273	734491.905	5220023.774	163.89	50	1.80	90.00	0	0	5	90	0	5	86	0	0	10	0	0	3	0	0	1	4	510	38	0	0	0	0	10	1	0	0	0	86	6	0	0	0	4	0	0	0	0	1	1	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-27	18:23:06	18:25:34	734491.905	5220023.774	734473.083	5220071.337	164.16	50	1.80	90.00	0	5	5	85	0	5	79	0	0	12	0	0	0	4	0	1	11	380	69	0	0	0	0	12	2	0	0	0	79	4	0	0	0	6	2	0	1	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-28	18:25:34	18:27:59	734473.083	5220071.337	734453.811	5220116.796	164.21	50	1.80	90.00	0	0	5	90	0	5	102	0	0	10	0	0	2	2	0	3	4	370	41	0	0	0	0	14	1	0	1	0	102	9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-29	18:27:59	18:30:28	734453.811	5220116.796	734437.051	5220164.294	164.30	50	1.80	90.00	0	0	10	85	0	5	43	0	0	7	0	0	0	2	0	0	2	300	53	0	0	0	0	12	0	0	1	0	43	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-30	18:30:28	18:32:52	734437.051	5220164.294	734415.46	5220209.447	164.07	50	1.80	90.00	0	5	5	85	0	5	66	0	0	6	0	0	1	2	0	1	5	320	57	0	0	0	0	9	2	0	0	1	66	3	0	0	0	3	0	0	0	0	1	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-31	18:32:52	18:35:20	734415.46	5220209.447	734396.94	5220256.294	163.81	50	1.80	90.00	0	0	10	85	0	5	101	0	0	28	0	0	2	3	0	0	0	510	54	0	0	0	0	24	1	0	0	0	101	7	0	0	0	20	1	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T4	T4-32	18:35:20	18:37:41	734396.94	5220256.294	734379.621	5220302.372	163.95	50	1.80	90.00	0	5	5	85	0	5	45	0	0	15	0	0	1	3	0	1	1	440	61	0	0	0	0	9	0	0	0	0	45	6	0	0	0	7	2	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T4	T4-33	18:37:41	18:40:13	734379.621	5220302.372	734360.691	5220348.636	164.00	21	1.80	37.80	0	5	10	80	0	5	70	0	0	29	0	0	0	4	0	1	0	350	65	0	0	0	0	13	0	0	0	0	70	13	0	0	0	9	7	0	0	0	0	2	0	1	0	2	0

APPENDIX

Table A-5 Taxa Abundances for Anchor 5 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	T5	T5-1	21:29:04	21:31:03	734162.504	5220348.624	734146.413	5220300.834	162.36	50	1.80	90.00	0	0	5	90	0	5	75	0	0	0	3	0	5	9	0	4	0	1130	25	0	0	0	0	12	0	3	1	0	75	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-2	21:31:03	21:32:49	734146.413	5220300.834	734126.646	5220254.784	163.18	50	1.80	90.00	0	0	5	90	0	5	134	0	0	2	13	0	9	5	0	7	0	1460	52	0	0	0	0	7	0	2	5	0	134	14	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-3	21:32:49	21:34:28	734126.646	5220254.784	734116.931	5220206.465	162.80	50	1.80	90.00	0	0	0	95	0	5	70	0	0	0	3	0	5	4	0	3	0	1470	32	1	0	0	0	6	0	1	1	0	70	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-4	21:34:28	21:36:33	734116.931	5220206.465	734095.521	5220159.577	162.68	50	1.80	90.00	0	0	5	90	0	5	115	0	0	0	12	0	8	3	0	3	0	610	55	0	0	0	0	10	0	1	0	0	115	7	0	0	0	5	0	0	1	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-5	21:36:33	21:38:42	734095.521	5220159.577	734080.523	5220113.11	163.01	50	1.80	90.00	0	0	5	90	0	5	129	0	0	0	10	0	10	7	0	13	0	950	34	0	0	0	0	16	0	1	1	0	129	9	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-6	21:38:42	21:41:10	734080.523	5220113.11	734066.636	5220065.512	161.99	50	1.80	90.00	0	0	5	90	0	5	104	0	0	0	2	0	11	9	0	11	0	900	29	0	0	0	0	19	0	2	6	0	104	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-7	21:41:10	21:43:37	734066.636	5220065.512	734047.577	5220018.01	162.20	50	1.80	90.00	0	0	5	90	0	5	123	0	0	0	11	0	6	6	0	11	0	1650	34	0	0	0	0	22	0	3	1	0	123	9	0	0	0	2	0	0	0	0	0	1	0	1	0	2	0
Gale N-66 Anchor	2023-04-14	T5	T5-8	21:43:37	21:45:34	734047.577	5220018.01	734028.541	5219971.933	161.83	50	1.80	90.00	0	0	0	95	0	5	100	0	0	0	5	0	8	3	0	6	0	1080	47	0	0	0	1	11	0	0	1	0	100	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-9	21:45:34	21:47:23	734028.541	5219971.933	734011.827	5219924.23	161.99	50	1.80	90.00	0	0	0	95	0	5	104	0	0	6	88	0	4	2	0	2	0	760	50	0	0	0	0	7	0	0	1	0	104	3	1	0	0	90	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-10	21:47:23	21:49:18	734011.827	5219924.23	733993.442	5219878.373	162.50	50	1.80	90.00	0	0	5	90	0	5	41	0	0	0	5	0	3	1	0	3	0	290	19	0	0	0	0	4	0	0	2	0	41	3	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-11	21:49:18	21:51:14	733993.442	5219878.373	733977.035	5219831.369	164.03	50	1.80	90.00	0	0	5	90	0	5	119	0	0	0	13	0	3	10	0	11	0	1050	42	0	0	0	0	13	0	0	3	0	119	11	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-12	21:51:14	21:52:57	733977.035	5219831.369	733966.311	5219781.322	161.96	50	1.80	90.00	0	0	5	90	0	5	117	0	0	0	4	0	3	6	0	7	0	1130	28	0	0	0	0	13	0	3	3	1	117	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-13	21:52:57	21:54:54	733966.311	5219781.322	733947.442	5219734.596	161.82	50	1.80	90.00	0	0	0	95	0	5	87	0	0	0	9	0	4	3	0	2	1	1110	28	0	0	0	0	10	0	3	1	0	87	7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-14	21:54:54	21:56:36	733947.442	5219734.596	733930.467	5219688.303	161.28	50	1.80	90.00	0	0	0	95	0	5	94	0	0	0	3	0	5	6	0	7	0	1670	21	0	0	0	0	16	0	2	4	0	94	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-15	21:56:36	21:58:07	733930.467	5219688.303	733914.194	5219640.992	161.22	50	1.80	90.00	0	0	5	90	0	5	118	0	0	0	6	0	6	8	0	9	0	710	27	0	0	0	0	11	0	2	2	0	118	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-16	21:58:07	21:59:49	733914.194	5219640.992	733894.964	5219594.888	161.74	50	1.80	90.00	0	0	5	90	0	5	69	0	0	0	9	0	11	3	0	0	0	260	21	0	0	0	0	12	0	1	1	0	69	7	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-17	21:59:49	22:01:46	733894.964	5219594.888	733880.989	5219546.18	163.07	50	1.80	90.00	0	0	5	90	0	5	181	0	0	0	11	0	9	2	0	4	0	780	43	0	0	0	0	19	0	1	2	0	181	9	1	0	0	1	0	0	0	0	0	2	0	0	0	1	0
Gale N-66 Anchor	2023-04-14	T5	T5-18	22:01:46	22:03:23	733880.989	5219546.18	733864.392	5219499.101	161.75	50	1.80	90.00	0	0	5	90	0	5	144	0	0	0	6	0	5	3	0	3	0	810	24	0	0	0	0	6	0	1	0	0	144	5	0	0	0	1	0	0	1	0	0	0	0	1	0	1	0
Gale N-66 Anchor	2023-04-14	T5	T5-19	22:03:23	22:04:52	733864.392	5219499.101	733846.815	5219452.139	161.22	50	1.80	90.00	0	0	5	90	0	5	120	0	0	0	3	0	9	5	0	0	0	1180	23	0	0	0	0	10	0	0	0	0	120	1	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-20	22:04:52	22:06:50	733846.815	5219452.139	733829.896	5219405.032	160.70	50	1.80	90.00	0	0	5	90	0	5	116	0	0	1	7	0	14	3	0	1	0	580	39	0	0	0	0	11	0	3	1	0	116	5	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-21	22:06:50	22:08:59	733829.896	5219405.032	733813.027	5219358.458	161.41	50	1.80	90.00	0	0	0	95	0	5	180	0	0	0	7	0	5	7	0	0	0	910	39	0	0	0	0	15	0	4	2	0	180	5	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-22	22:08:59	22:10:45	733813.027	5219358.458	733796.027	5219311.05	160.39	50	1.80	90.00	0	0	0	95	0	5	121	0	0	0	3	0	8	0	0	0	0	830	26	0	0	0	0	12	0	2	1	0	121	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-23	22:10:45	22:12:12	733796.027	5219311.05	733782.059	5219263.572	159.62	50	1.80	90.00	0	0	5	85	0	10	74	0	0	0	1	0	8	2	0	1	0	1460	21	0	0	0	0	5	0	1	2	0	74	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-24	22:12:12	22:13:56	733782.059	5219263.572	733766.627	5219215.215	158.99	50	1.80	90.00	0	0	5	90	0	5	112	0	0	0	5	0	11	3	0	0	0	940	25	0	0	0	0	8	0	7	0	0	112	3	0	0	0	2	0	0	0	0	0	0	0	4	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-25	22:13:56	22:15:34	733766.627	5219215.215	733746.406	5219169.698	160.51	50	1.80	90.00	0	0	5	85	0	10	217	0	0	0	8	0	14	1	0	0	0	890	31	0	0	0	0	10	0	6	1	0	217	6	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-26	22:15:34	22:16:59	733746.406	5219169.698	733732.819	5219121.16	160.26	50	1.80	90.00	0	0	5	85	0	10	262	0	0	0	11	0	16	3	0	1	0	860	30	0	0	0	0	17	0	4	1	0	262	8	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-27	22:16:59	22:18:43	733732.819	5219121.16	733714.392	5219075.092	160.01	50	1.80	90.00	0	5	5	85	0	5	215	0	0	0	6	0	25	6	0	0	0	1340	28	0	0	0	0	16	0	8	0	0	215	6	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0
Gale N-66 Anchor	2023-04-14	T5	T5-28	22:18:43	22:20:16	733714.392	5219075.092	733698.699	5219027.55	159.92	50	1.80	90.00	0	5	5	85	0	5	162	0	0	0	3	0	22	1	0	0	0	900	29	0	0	0	0	8	0	3	2	0	162	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-29	22:20:16	22:21:47	733698.699	5219027.55	733684.826	5218979.781	159.76	50	1.80	90.00	0	0	0	95	0	5	126	0	0	0	3	0	8	1	0	0	0	530	27	0	0	0	0	6	0	2	1	0	126	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-30	22:21:47	22:23:49	733684.826	5218979.781	733662.628	5218934.472	159.78	50	1.80	90.00	0	0	5	90	0	5	230	0	0	0	1	0	9	1	0	0	0	1020	33	0	0	0	0	15	0	3	2	0	230	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-31	22:23:49	22:25:50	733662.628	5218934.472	733649.009	5218885.842	159.91	50	1.80	90.00	0	0	5	90	0	5	176	0	0	0	7	0	18	2	0	0	0	810	32	0	0	0	0	21	0	2	0	0	176	4	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-32	22:25:50	22:27:28	733649.009	5218885.842	733630.376	5218839.06	159.25	50	1.80	90.00	0	0	0	95	0	5	150	0	0	0	2	0	10	1	0	0	0	1310	22	0	0	0	0	12	0	0	0	0	150	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T5	T5-33	22:27:28	22:28:16	733630.376	5218839.06	733623.875	5218813.891	158.98	26	1.80	46.80	0	0	5	90	0	5	122	0	0	0	3	0	11	0	0	0	0	710	12	0	0	0	0	10	0	4	0	0	122	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-1-1	22:35:38	22:37:37	733575.988	5218830.756	733560.413	5218784.437	159.71	50	1.80	90.00	0	0	5	90	0	5	75	0	0	0	4	0	13	3	0	0	0	1500	17	0	0	0	0	16	0	3	0	0	75	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-1-2	22:37:37	22:39:24	733560.413	5218784.437	733542.122	5218736.643	158.26	50	1.80	90.00	0	0	0	95	0	5	68	0	0	0	2	0	8	0	0	0	0	750	8	0	0	0	0	7	0	4	1	0	68	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-2-1	22:42:39	22:45:19	733568.196	5218727.829	733581.911	5218776.076	159.44	50	1.80	90.00	0	0	5	90	0	5	86	0	0	0	11	0	15	2	0	0	0	1640	24	0	0	0	0	29	0	4	1	0	86	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-2-2	22:45:19	22:47:42	733581.911	5218776.076	733601.572	5218823.152	159.20	50	1.80	90.00	0	0	5	90	0	5	122	0	0	0	5	0	15	4	0	0	0	1200	29	0	0	0	0	17	0	5	0	0	122	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-3-1	22:51:03	22:53:21	733621.896	5218815.484	733605.8	5218767.902	159.62	50	1.80	90.00	0	0	5	90	0	5	101	0	0	0	0	0	12	9	0	0	0	850	14	0	0	0	0	16	0	1	2	0	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-3-2	22:53:21	22:55:05	733605.8	5218767.902	733587.365	5218721.485	159.01	50	1.80	90.00	0	0	5	90	0	5	118	0	0	0	5	0	15	2	0	0	0	1170	31	0	0	0	0	23	0	0	4	0	118	4	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-4-1	22:59:11	23:01:49	733613.821	5218711.652	733630.689	5218759.646	159.08	50	1.80	90.00	0	0	5	90	0	5	106	0	0	0	4	0	18	1	0	0	0	1410	25	0	0	0	0	20	0	2	1	0	106	3	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-4-2	23:01:49	23:04:11	733630.689	5218759.646	733647.199	5218807.243	159.33	50	1.80	90.00	0	0	5	90	0	5	164	0	0	0	2	0	28	2	0	0	0	620	33	0	0	0	0	22	0	5	2	0	164	2	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-5-1	23:08:16	23:09:59	733670.925	5218798.342	733654.364	5218750.904	159.43	50	1.80	90.00	0	0	5	90	0	5	92	0	0	3	4	0	7	2	0	0	0	690	12	0	0	0	0	12	0	2	0	0	92	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A5	A5-5-2	23:09:59	23:11:39	733654.364	5218750.904	733636.726	5218703.537	159.28	50	1.80	90.00	0	0	5	90	0	5	125	0	0	0	5	0	18	1	0	0	0	1650	22	0	0	0	0	12	0	2	0	0	125	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX

Table A-6 Taxa Abundances for Anchor 6 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-13	A6	A6-1-1	17:57:46	18:00:11	732348.096	5219992.73	732395.691	5220008.586	157.27	50	1.80	90.00	0	0	5	85	0	10	27	0	0	0	1	0	12	1	0	0	0	1780	31	0	0	0	0	37	0	2	1	0	27	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-1-2	18:00:11	18:02:17	732395.691	5220008.586	732443.313	5220025.905	157.55	50	1.80	90.00	0	0	5	85	0	10	21	0	0	0	3	0	17	2	0	0	0	1170	24	0	0	0	0	30	0	3	0	0	21	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-2-1	18:14:37	18:16:27	732451.781	5220000.752	732403.895	5219984.338	156.92	50	1.80	90.00	0	0	5	90	0	5	13	0	0	0	6	0	11	1	0	0	0	1430	10	0	0	0	0	17	0	0	0	0	13	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-2-2	18:16:27	18:18:11	732403.895	5219984.338	732355.854	5219968.476	157.04	50	1.80	90.00	0	0	0	95	0	5	21	0	0	1	4	0	17	2	0	0	0	2000	17	0	0	0	0	12	0	0	0	0	21	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-3-1	18:22:11	18:24:22	732364.823	5219945.512	732411.762	5219962.004	157.05	50	1.80	90.00	0	0	5	90	0	5	10	0	0	0	2	0	19	2	0	0	0	1920	18	0	0	0	0	23	0	0	1	0	10	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Gale N-66 Anchor	2023-04-13	A6	A6-3-2	18:24:22	18:26:37	732411.762	5219962.004	732461.588	5219978.032	157.04	50	1.80	90.00	0	0	5	90	0	5	6	0	0	0	2	0	14	0	0	0	0	1510	10	0	0	0	0	15	0	2	0	0	6	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-4-1	18:42:01	18:44:04	732467.779	5219954.994	732420.729	5219937.471	157.66	50	1.80	90.00	0	0	0	90	0	10	21	0	0	0	2	0	14	0	0	0	0	1320	14	0	0	0	0	18	0	0	0	0	21	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-4-2	18:44:04	18:45:54	732420.729	5219937.471	732373	5219921.543	156.84	50	1.80	90.00	0	0	5	90	0	5	17	0	0	0	0	0	18	2	0	0	0	1050	20	0	0	0	0	18	0	0	1	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-5-1	18:48:35	18:51:14	732381.371	5219896.607	732428.91	5219914.426	158.27	50	1.80	90.00	0	0	5	90	0	5	18	0	0	2	7	0	19	0	0	0	0	1680	21	0	0	0	0	36	0	0	1	0	18	9	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	A6	A6-5-2	18:51:14	18:53:19	732428.91	5219914.426	732475.906	5219931.351	157.60	50	1.80	90.00	0	0	5	85	0	10	24	0	0	0	6	0	21	1	0	0	0	1780	19	0	0	0	0	31	0	1	0	0	24	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-1	21:15:07	21:15:29	732460.618	5219979.432	732458.938	5219978.777	156.03	50	1.80	90.00	0	0	0	85	0	15	0	0	0	0	0	0	0	0	0	0	0	50	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-2	21:15:29	21:20:08	732458.938	5219978.777	732506.054	5219995.578	156.72	50	1.80	90.00	0	0	5	75	0	20	5	0	0	0	2	0	8	1	0	0	0	860	11	0	0	0	0	19	0	3	0	0	5	1	0	0	0	1	0	0	2	0	0	0	1	2	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-3	21:20:08	21:23:05	732506.054	5219995.578	732553.65	5220012.102	157.94	50	1.80	90.00	0	0	5	75	0	20	14	0	0	0	1	0	22	3	0	0	0	1610	26	0	0	0	0	48	0	6	2	0	14	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-4	21:23:05	21:25:32	732553.65	5220012.102	732600.701	5220028.293	157.77	50	1.80	90.00	0	0	5	90	0	5	30	0	0	0	3	0	7	1	0	0	0	1400	12	0	0	0	0	48	0	5	0	0	30	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-5	21:25:32	21:28:06	732600.701	5220028.293	732648.007	5220044.515	158.90	50	1.80	90.00	0	0	5	90	0	5	53	0	0	0	3	0	15	2	0	0	0	690	28	0	0	0	0	38	0	7	1	0	53	3	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-6	21:28:06	21:31:09	732648.007	5220044.515	732695.294	5220060.52	158.85	50	1.80	90.00	0	0	10	85	0	5	26	0	0	0	4	0	26	3	0	0	0	1450	33	0	0	0	0	49	0	7	0	0	26	4	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-7	21:31:09	21:34:09	732695.294	5220060.52	732742.826	5220077.043	159.26	50	1.80	90.00	0	0	5	85	0	10	44	0	0	0	2	0	16	6	0	0	0	970	21	0	0	0	0	37	0	9	0	0	44	2	0	0	0	0	0	0	0	0	0	0	0	150	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-8	21:34:09	21:36:57	732742.826	5220077.043	732789.577	5220094.48	158.95	50	1.80	90.00	0	0	30	40	0	30	26	0	0	0	4	0	23	2	0	0	0	470	32	0	0	0	0	30	0	2	0	0	26	3	0	0	0	1	0	0	0	0	0	0	0	300	1	0
Gale N-66 Anchor	2023-04-13	T6	T6-9	21:36:57	21:39:50	732789.577	5220094.48	732837.18	5220109.918	160.42	50	1.80	90.00	0	0	5	90	0	5	39	0	0	0	3	0	16	2	0	0	0	1070	19	0	0	0	0	16	0	7	1	0	39	2	0	0	0	1	0	0	0	1	0	0	7	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-10	21:39:50	21:42:44	732837.18	5220109.918	732883.682	5220127.955	158.63	50	1.80	90.00	0	0	5	85	0	10	52	0	0	0	0	0	31	2	0	0	0	740	13	0	0	0	0	30	0	13	3	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-11	21:42:44	21:45:48	732883.682	5220127.955	732931.019	5220144.677	159.66	50	1.80	90.00	0	0	5	90	0	5	68	0	0	0	1	0	25	1	0	0	0	1450	22	0	0	0	0	18	0	9	2	0	68	0	0	0	0	1	0	0	0	0	0	0	5	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-12	21:45:48	21:48:24	732931.019	5220144.677	732978.773	5220159.759	159.82	50	1.80	90.00	0	0	5	90	0	5	111	0	0	0	4	0	7	1	0	0	0	1570	31	0	0	0	0	16	0	9	2	0	111	3	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-13	21:48:24	21:51:14	732978.773	5220159.759	733024.535	5220179.19	159.65	50	1.80	90.00	0	0	0	95	0	5	44	0	0	0	3	0	8	1	0	0	0	1030	25	0	0	0	0	13	0	7	0	0	44	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-14	21:51:14	21:54:06	733024.535	5220179.19	733073.446	5220192.391	159.57	50	1.80	90.00	0	0	5	90	0	5	126	0	0	0	12	0	17	4	0	0	0	1890	27	0	0	0	0	18	0	10	0	0	126	12	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-15	21:54:06	21:57:09	733073.446	5220192.391	733119.447	5220211.065	159.78	50	1.80	90.00	0	0	5	90	0	5	92	0	0	0	3	0	9	4	0	0	0	1540	23	0	0	0	0	3	0	5	2	0	92	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-16	21:57:09	21:59:53	733119.447	5220211.065	733167.224	5220226.499	160.07	50	1.80	90.00	0	0	5	90	0	5	65	0	0	0	8	0	17	5	0	1	0	540	24	0	0	0	0	13	0	2	1	0	65	8	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-17	21:59:53	22:02:29	733167.224	5220226.499	733214.325	5220242.084	160.23	50	1.80	90.00	0	0	5	90	0	5	105	0	0	0	9	0	8	1	0	5	0	1960	23	0	0	0	0	14	0	9	2	0	105	8	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-18	22:02:29	22:05:13	733214.325	5220242.084	733261.858	5220259.527	159.50	50	1.80	90.00	0	0	5	90	0	5	70	0	0	0	3	0	20	2	0	1	0	1550	24	0	0	0	0	11	0	5	0	0	70	2	0	0	0	1	0	0	0	0	0	1	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-19	22:05:13	22:07:47	733261.858	5220259.527	733308.448	5220275.628	160.47	50	1.80	90.00	0	0	5	90	0	5	99	0	0	0	4	0	18	7	0	3	0	1410	22	0	0	0	0	16	0	2	0	0	99	3	0	0	0	1	0	0	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-20	22:07:47	22:10:49	733308.448	5220275.628	733355.937	5220293.324	160.34	50	1.80	90.00	0	0	5	90	0	5	59	0	0	0	3	0	15	2	0	4	0	990	21	0	0	0	0	9	0	5	0	0	59	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-21	22:10:49	22:13:27	733355.937	5220293.324	733402.931	5220310.121	160.14	50	1.80	90.00	0	0	5	90	0	5	54	0	0	0	2	0	17	1	0	0	0	240	12	0	0	0	0	10	0	5	0	0	54	1	0	0	0	1	0	0	0	0	0	0	0	5	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-22	22:13:27	22:15:59	733402.931	5220310.121	733450.124	5220325.918	162.24	50	1.80	90.00	0	0	5	85	0	10	30	0	0	0	10	0	10	3	0	0	0	360	38	0	0	0	0	12	0	3	0	0	30	7	0	0	0	3	0	0	0	0	0	0	3	1	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-23	22:15:59	22:18:57	733450.124	5220325.918	733497.006	5220343.276	163.66	50	1.80	90.00	0	0	5	85	0	10	54	0	0	1	13	0	15	4	0	3	0	1600	32	0	0	0	0	7	0	5	1	0	54	12	0	0	0	2	0	0	0	0	0	0	1	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-24	22:18:57	22:21:43	733497.006	5220343.276	733543.904	5220359.912	161.59	50	1.80	90.00	0	0	0	95	0	5	56	0	0	0	2	0	6	4	0	1	0	1780	37	0	0	0	0	12	0	6	2	0	56	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-25	22:21:43	22:24:45	733543.904	5220359.912	733591.469	5220376.158	161.06	50	1.80	90.00	0	0	5	90	0	5	43	0	0	0	4	0	23	1	0	1	0	1670	23	0	0	0	0	6	0	7	0	0	43	1	1	0	0	2	0	0	0	0	0	0	1	2	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-26	22:24:45	22:27:46	733591.469	5220376.158	733638.909	5220391.969	161.00	50	1.80	90.00	0	0	5	90	0	5	36	0	0	0	3	0	13	4	0	3	0	1390	26	0	0	0	0	5	0	1	0	0	36	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-27	22:27:46	22:30:52	733638.909	5220391.969	733685.927	5220409.429	161.25	50	1.80	90.00	0	0	0	95	0	5	67	0	0	0	7	0	9	3	0	10	0	1240	26	0	0	0	0	7	0	3	0	0	67	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-28	22:30:52	22:33:45	733685.927	5220409.429	733732.795	5220425.711	161.81	50	1.80	90.00	0	0	5	90	0	5	36	0	0	1	4	0	9	8	0	4	0	1210	17	0	0	0	0	10	0	4	1	0	36	3	0	0	0	2	0	0	0	0	0	0	0	3	1	0
Gale N-66 Anchor	2023-04-13	T6	T6-29	22:33:45	22:36:39	733732.795	5220425.711	733780.131	5220441.666	161.27	50	1.80	90.00	0	0	0	95	0	5	38	0	0	0	4	0	6	8	0	1	0	1320	20	0	0	0	0	8	0	5	2	0	38	3	0	0	0	1	0	0	0	0	0	0	0	4	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-30	22:36:39	22:39:39	733780.131	5220441.666	733827.068	5220459.272	161.28	50	1.80	90.00	0	0	5	90	0	5	60	0	0	0	7	0	12	4	0	6	0	1120	26	0	0	0	0	5	0	5	0	0	60	4	0	0	0	3	0	0	0	0	0	0	0	2	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-31	22:39:39	22:42:55	733827.068	5220459.272	733874.031	5220476.638	161.26	50	1.80	90.00	0	0	5	90	0	5	29	0	0	0	0	0	9	4	0	2	0	1120	25	0	0	0	0	8	0	3	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-32	22:42:55	22:45:49	733874.031	5220476.638	733921.377	5220493.294	161.68	50	1.80	90.00	0	0	0	95	0	5	46	0	0	0	3	0	7	2	0	2	0	1530	27	0	0	0	0	11	0	7	0	0	46	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-33	22:45:49	22:48:51	733921.377	5220493.294	733969.114	5220507.379	162.01	50	1.80	90.00	0	0	0	95	0	5	59	0	0	0	8	0	10	1	0	2	0	1660	24	0	0	0	0	5	0	5	0	0	59	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T6	T6-34	22:48:51	22:50:52	733969.114	5220507.379	733997.282	5220519.03	161.77	48	1.80	86.40	0	0	0	95	0	5	5	0	0	0	3	0	5	1	0	1	0	1170	12	0	0	0	0	6	0	2	0	0	5	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0

APPENDIX

Table A-7 Taxa Abundances for Anchor 7 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-13	T7	T7-1	20:51:12	20:53:42	733996.354	5220711.415	733950.592	5220731.639	162.00	50	1.80	90.00	0	0	0	100	0	0	26	0	0	1	0	0	0	0	0	0	0	950	4	0	0	0	0	1	0	0	0	0	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-2	20:53:42	20:56:06	733950.592	5220731.639	733904.51	5220751.651	161.80	50	1.80	90.00	0	0	0	95	0	5	94	0	0	0	0	0	0	0	0	0	0	1160	8	0	0	0	0	5	0	0	0	0	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-3	20:56:06	20:58:19	733904.51	5220751.651	733858.507	5220769.823	161.87	50	1.80	90.00	0	0	0	95	0	5	118	0	0	1	0	0	0	0	0	0	0	2040	10	0	0	0	0	5	0	0	0	0	118	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-4	20:58:19	21:00:59	733858.507	5220769.823	733811.088	5220787.244	161.87	50	1.80	90.00	0	0	0	100	0	0	55	0	0	0	0	0	0	0	0	0	0	630	6	0	0	0	0	2	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-5	21:00:59	21:04:22	733811.088	5220787.244	733765.789	5220808.013	161.84	50	1.80	90.00	0	0	0	90	0	10	101	0	0	5	0	0	0	3	0	0	0	450	22	0	0	0	0	0	0	0	0	0	101	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-6	21:04:22	21:06:56	733765.789	5220808.013	733719.64	5220827.417	162.25	50	1.80	90.00	0	0	0	95	0	5	196	0	0	2	0	0	0	0	0	0	0	1300	20	0	0	0	0	5	0	0	0	0	196	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Gale N-66 Anchor	2023-04-13	T7	T7-7	21:06:56	21:09:38	733719.64	5220827.417	733673.074	5220845.239	162.87	50	1.80	90.00	0	0	0	90	0	10	142	0	0	2	0	0	0	1	0	0	0	460	36	0	0	0	0	5	0	0	0	0	142	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-8	21:09:38	21:12:03	733673.074	5220845.239	733626.444	5220864.353	161.89	50	1.80	90.00	0	0	0	95	0	5	185	0	0	4	0	0	0	2	0	0	0	1060	36	0	0	0	0	4	0	1	0	0	185	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-9	21:12:03	21:14:11	733626.444	5220864.353	733580.621	5220884.084	161.75	50	1.80	90.00	0	0	0	95	0	5	127	0	0	3	0	0	0	2	0	0	0	460	20	0	0	0	0	13	0	0	0	0	127	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-10	21:14:11	21:16:10	733580.621	5220884.084	733533.198	5220900.43	161.97	50	1.80	90.00	0	0	0	90	0	10	236	0	0	6	0	0	0	3	0	0	0	660	29	0	0	0	0	2	0	0	0	0	236	3	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-11	21:16:10	21:18:10	733533.198	5220900.43	733487.856	5220921.126	161.62	50	1.80	90.00	0	0	0	90	0	10	125	0	0	2	0	0	0	1	0	0	0	840	14	0	0	0	0	7	0	0	0	0	125	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-12	21:18:10	21:20:32	733487.856	5220921.126	733441.711	5220939.736	161.61	50	1.80	90.00	0	0	0	90	0	10	162	0	0	1	0	0	0	1	0	1	0	1000	26	0	0	0	0	3	0	0	0	0	162	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-13	21:20:32	21:22:45	733441.711	5220939.736	733394.33	5220956.599	161.73	50	1.80	90.00	0	0	0	95	0	5	166	0	0	3	0	0	0	2	0	0	0	1620	26	0	0	0	0	8	0	0	0	0	166	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-14	21:22:45	21:25:07	733394.33	5220956.599	733348.689	5220977.675	161.62	50	1.80	90.00	0	0	0	95	0	5	219	0	0	6	0	0	0	0	0	0	0	1170	37	0	0	0	0	7	0	0	0	0	219	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-15	21:25:07	21:27:20	733348.689	5220977.675	733301.957	5220996.069	161.62	50	1.80	90.00	0	0	0	95	0	5	228	0	0	3	0	0	0	0	0	0	0	1880	29	0	0	0	0	6	0	0	0	0	228	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-16	21:27:20	21:29:25	733301.957	5220996.069	733255.904	5221015.394	161.71	50	1.80	90.00	0	0	0	90	0	10	100	0	0	0	0	0	0	16	1	0	0	1280	30	0	0	0	0	5	0	0	0	0	100	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-13	T7	T7-17	21:29:25	21:31:26	733255.904	5221015.394	733209.98	5221034.399	161.41	50	1.80	90.00	0	0	0	90	0	10	112	0	0	0	0	0	0	21	1	0	0	1230	29	0	0	0	0	4	0	0	0	0	112	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-18	21:31:26	21:33:35	733209.98	5221034.399	733162.872	5221051.725	161.57	50	1.80	90.00	0	0	0	95	0	5	89	0	0	2	0	0	0	10	1	0	0	1960	31	0	0	0	0	12	0	0	0	0	89	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-19	21:33:35	21:35:36	733162.872	5221051.725	733117.039	5221071.439	161.28	50	1.80	90.00	0	0	0	95	0	5	93	0	0	0	0	0	0	3	2	0	0	900	36	0	0	0	0	4	0	0	0	0	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-20	21:35:36	21:38:08	733117.039	5221071.439	733071.132	5221089.806	161.45	50	1.80	90.00	0	0	0	95	0	5	166	0	0	0	0	0	0	11	12	0	0	1920	38	0	0	0	0	3	0	0	0	0	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-21	21:38:08	21:40:25	733071.132	5221089.806	733024.213	5221107.943	161.09	50	1.80	90.00	0	0	0	95	0	5	127	0	0	0	0	0	0	22	0	0	0	530	30	0	0	0	0	3	0	1	0	0	127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-22	21:40:25	21:42:30	733024.213	5221107.943	732977.644	5221126.372	160.80	50	1.80	90.00	0	0	0	95	0	5	79	0	0	1	0	0	12	0	0	0	0	1290	16	0	0	0	1	4	0	0	0	0	79	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-23	21:42:30	21:44:47	732977.644	5221126.372	732932.809	5221147.844	160.72	50	1.80	90.00	0	0	0	90	0	10	70	0	0	1	0	0	10	1	0	0	0	1270	23	0	0	0	0	5	0	3	0	0	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-24	21:44:47	21:46:43	732932.809	5221147.844	732885.408	5221166.149	161.12	50	1.80	90.00	0	0	0	95	0	5	140	0	0	0	0	0	0	23	2	0	0	920	16	0	0	0	0	6	0	0	0	0	140	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-25	21:46:43	21:48:43	732885.408	5221166.149	732839.262	5221183.91	161.09	50	1.80	90.00	0	0	0	95	0	5	100	0	0	0	0	0	0	13	1	0	0	1400	19	0	0	0	0	6	0	0	0	0	100	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-26	21:48:43	21:50:38	732839.262	5221183.91	732792.238	5221201.949	161.12	50	1.80	90.00	0	0	0	95	0	5	97	0	0	1	0	0	0	15	1	0	0	1280	18	0	0	0	0	2	0	0	0	0	97	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-27	21:50:38	21:53:32	732792.238	5221201.949	732746.307	5221221.16	161.11	50	1.80	90.00	0	0	0	95	0	5	53	0	0	0	0	0	0	6	0	0	0	800	17	0	0	0	0	8	0	0	0	0	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-28	21:53:32	21:55:54	732746.307	5221221.16	732700.392	5221241.33	161.22	50	1.80	90.00	0	0	0	90	0	10	192	0	0	2	0	0	9	1	0	0	0	660	13	0	0	0	0	8	0	2	0	0	192	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-29	21:55:54	21:58:09	732700.392	5221241.33	732654.282	5221260.829	161.45	50	1.80	90.00	0	0	0	95	0	5	148	0	0	0	0	0	0	16	0	0	0	1110	23	0	0	0	0	13	0	2	0	0	148	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-30	21:58:09	22:00:39	732654.282	5221260.829	732606.896	5221276.142	161.27	50	1.80	90.00	0	0	0	95	0	5	225	0	0	2	0	0	1	1	0	0	0	1150	21	0	0	0	0	5	0	2	0	0	225	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-31	22:00:39	22:03:05	732606.896	5221276.142	732560.944	5221297.396	160.66	50	1.80	90.00	0	0	0	95	0	5	166	0	0	0	0	0	0	7	1	0	0	1650	12	0	0	0	0	6	0	0	0	0	166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-32	22:03:05	22:05:03	732560.944	5221297.396	732515.241	5221316.412	160.67	50	1.80	90.00	0	0	0	95	0	5	147	0	0	0	0	0	6	1	0	0	0	1030	10	0	0	0	0	2	0	0	0	0	147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T7	T7-33	22:05:03	22:06:05	732515.241	5221316.412	732490.996	5221326.052	160.60	26	1.80	46.80	0	0	0	95	0	5	251	0	0	0	0	0	3	0	0	0	0	1400	2	0	0	0	0	2	0	0	0	0	251	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-1-1	22:19:41	22:21:55	732510.678	5221372.728	732462.315	5221389.587	160.19	50	1.80	90.00	0	0	0	90	0	10	98	0	0	2	0	0	0	0	0	0	0	4080	13	0	0	0	0	0	0	0	0	0	98	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-1-2	22:21:55	22:24:11	732462.315	5221389.587	732417.819	5221410.949	159.83	50	1.80	90.00	0	0	0	90	0	10	57	0	0	3	0	0	0	0	0	0	0	1870	27	0	0	0	0	17	7	0	0	0	57	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-2-1	22:28:03	22:30:45	732407.108	5221385.261	732453.468	5221366.992	160.01	50	1.80	90.00	0	0	0	85	0	15	94	0	0	3	0	0	0	0	0	0	0	1650	31	0	0	0	0	18	5	0	2	0	94	3	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-2-2	22:30:45	22:33:07	732453.468	5221366.992	732501.296	5221349.45	160.44	50	1.80	90.00	0	0	0	90	0	10	143	0	0	2	0	0	0	2	0	0	0	1565	28	0	0	0	15	11	0	3	0	0	143	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-3-1	22:38:41	22:41:01	732491.883	5221327.116	732445.541	5221345.974	159.54	50	1.80	90.00	0	0	0	95	0	5	28	0	0	2	0	0	0	0	0	0	0	2380	9	0	0	0	0	1	0	0	0	0	28	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-3-2	22:41:01	22:43:28	732445.541	5221345.974	732398.212	5221363.423	159.82	50	1.80	90.00	0	0	0	95	0	5	44	0	0	2	0	0	0	0	0	0	0	2150	19	0	0	0	0	5	3	0	0	0	44	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-4-1	22:51:03	22:53:47	732388.798	5221340.808	732435.802	5221321.841	158.06	50	1.80	90.00	0	0	0	95	0	5	26	0	0	2	0	0	0	0	0	0	0	1850	20	0	0	0	0	0	11	0	0	0	26	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-4-2	22:53:47	22:56:25	732435.802	5221321.841	732481.864	5221302.472	159.81	50	1.80	90.00	0	0	0	95	0	5	80	0	0	5	0	0	0	0	0	0	0	1450	18	0	0	0	0	8	4	0	0	0	80	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-5-1	23:01:18	23:03:54	732472.607	5221278.768	732425.728	5221297.512	158.59	50	1.80	90.00	0	0	0	95	0	5	14	0	0	4	0	0	0	0	0	0	0	1700	6	0	0	0	0	3	0	1	0	0	14	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A7	A7-5-2	23:03:54	23:06:20	732425.728	5221297.512	732379.035	5221317.119	159.56	50	1.80	90.00	0	0	0	95	0	5	30	0	0	4	0	0	0	0	0	0	0	1870	7	0	0	0	0	5	0	2	0	0	30	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDIX

Table A-8 Taxa Abundances for Anchor 8 transects (all sections)

Wellsite	Date	Line	Section	Time Start	Time End	Easting__m_	Northing_m_	Easting__m_	Northing_m_	Depth (m)	Length	FOV	Area	Bedrock	Coarse	Medium	Fine	Organic Detritus	Shell	Good	Damaged	Dead	Good	Sediment Veneer	Covered	Sea Urchins	Sea Stars	Brittle Star	Basket Stars	Sea Cucumbers	Sand Dollar	Sea Anemones	Jellyfish	Hydroids	Ctenophores	Shrimp	Crab	Bivalves	Scallop	Gastropods	Cephalopods	Soft Corals	Solid / Massive	Leaf / Vase Shaped	Round with Projections	Thin-Walled, Complex	Finger	Other	Skates	FlatFish	Gadid	Eelpout	Sculpin	OceanPout	Other fish (juveniles, unknowns)	Unkn 1	Unkn 2	Unknown/other/debris
Gale N-66 Anchor	2023-04-14	A8	A8-1-1	07:12:02	07:14:42	733544.189	5222483.115	733562.471	5222436.754	164.45	50	1.80	90.00	0	0	0	95	0	5	37	0	0	4	0	0	5	4	0	1	0	3600	32	0	0	0	0	2	0	0	0	0	37	0	0	0	0	4	0	0	0	0	0	0	0	20	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-1-2	07:14:42	07:16:18	733562.471	5222436.754	733579.652	5222388.968	164.69	50	1.80	90.00	0	0	0	95	0	5	74	0	0	3	0	0	0	3	0	0	0	5400	34	0	0	0	0	6	0	0	0	0	74	0	0	0	0	3	0	0	0	0	0	0	0	15	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-2-1	07:18:58	07:21:07	733559.021	5222380.601	733539.471	5222427.073	164.49	50	1.80	90.00	0	0	0	95	0	5	70	0	0	6	0	0	3	0	0	2	0	5850	30	0	0	0	0	3	0	0	0	0	70	2	0	0	0	4	0	0	0	0	0	0	0	13	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-2-2	07:21:07	07:23:21	733539.471	5222427.073	733520.711	5222474.057	164.48	50	1.80	90.00	0	0	0	95	0	5	49	0	0	6	0	0	1	4	0	1	0	4000	33	0	0	0	0	5	0	0	0	0	49	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-3-1	07:26:23	07:28:08	733498.92	5222464.924	733516.45	5222418.086	163.59	50	1.80	90.00	0	0	0	95	0	5	54	0	0	12	0	0	4	0	0	0	0	6130	40	0	0	0	0	4	0	0	0	0	54	5	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-3-2	07:28:08	07:29:38	733516.45	5222418.086	733536.072	5222371.123	164.19	50	1.80	90.00	0	0	0	95	0	5	42	0	0	7	0	0	0	1	0	0	0	7100	37	0	0	0	0	3	0	1	0	0	42	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-1	07:47:12	07:47:59	733535.055	5222371.796	733544.384	5222351.451	163.81	50	1.80	90.00	0	0	0	95	0	5	10	0	0	0	0	0	5	0	0	0	0	850	4	0	0	0	0	1	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-2	07:47:59	07:49:31	733544.384	5222351.451	733562.971	5222304.793	165.20	50	1.80	90.00	0	0	0	95	0	5	36	0	0	0	0	0	5	0	0	0	0	1960	27	0	0	0	0	7	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-3	07:49:31	07:51:08	733562.971	5222304.793	733581.08	5222258.002	164.93	50	1.80	90.00	0	0	0	95	0	5	43	0	0	0	0	0	0	1	0	0	0	2030	42	0	0	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-4	07:51:08	07:52:42	733581.08	5222258.002	733601.065	5222212.144	165.21	50	1.80	90.00	0	0	0	95	0	5	64	0	0	4	0	0	2	0	0	0	0	4510	40	0	0	0	0	4	0	0	0	0	64	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-5	07:52:42	07:54:16	733601.065	5222212.144	733621.102	5222165.873	164.33	50	1.80	90.00	0	0	0	95	0	5	46	0	0	1	0	0	0	1	0	1	0	2910	36	0	0	0	0	3	0	0	0	0	47	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-6	07:54:16	07:55:49	733621.102	5222165.873	733637.328	5222118.637	164.59	50	1.80	90.00	0	0	0	95	0	5	47	0	0	2	0	0	0	0	0	0	0	3070	41	0	0	0	0	5	0	0	0	0	46	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-7	07:55:49	07:57:23	733637.328	5222118.637	733658.356	5222072.871	164.11	50	1.80	90.00	0	0	0	95	0	5	72	0	0	1	0	0	0	0	0	0	0	2880	31	0	0	0	0	2	0	0	0	0	72	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-8	07:57:23	07:58:59	733658.356	5222072.871	733674.851	5222025.894	164.50	50	1.80	90.00	0	0	0	95	0	5	77	0	0	0	0	0	0	1	0	0	0	2320	85	0	0	0	0	7	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-9	07:58:59	08:00:33	733674.851	5222025.894	733695.378	5221979.883	164.37	50	1.80	90.00	0	0	0	95	0	5	78	0	0	2	0	0	0	3	0	1	0	1560	54	0	0	0	0	5	0	0	0	0	78	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-10	08:00:33	08:02:06	733695.378	5221979.883	733713.296	5221934.149	164.57	50	1.80	90.00	0	0	0	95	0	5	108	0	0	1	0	0	0	2	0	2	0	2750	62	0	0	0	0	5	0	0	0	0	108	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-11	08:02:06	08:03:41	733713.296	5221934.149	733733.059	5221887.726	164.66	50	1.80	90.00	0	0	0	95	0	5	66	0	0	5	0	0	0	0	0	1	0	2550	46	0	0	0	0	2	0	0	0	0	66	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-12	08:03:41	08:05:18	733733.059	5221887.726	733751.799	5221841.072	164.73	50	1.80	90.00	0	0	0	95	0	5	103	0	0	0	0	0	0	1	0	0	0	2880	32	0	0	0	0	1	0	0	0	0	103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-13	08:05:18	08:06:51	733751.799	5221841.072	733770.595	5221795.442	165.01	50	1.80	90.00	0	0	0	95	0	5	159	0	0	0	0	0	1	3	0	0	0	1660	41	0	0	0	0	5	0	0	0	0	159	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-14	08:06:51	08:08:27	733770.595	5221795.442	733788.868	5221748.119	164.65	50	1.80	90.00	0	0	0	95	0	5	143	0	0	4	0	0	0	1	1	0	0	2470	34	0	0	0	0	5	0	0	0	0	143	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-15	08:08:27	08:10:02	733788.868	5221748.119	733808.501	5221702.633	164.61	50	1.80	90.00	0	0	0	95	0	5	120	0	0	5	0	0	0	0	0	0	0	2630	31	0	0	0	0	9	0	0	0	0	120	0	0	0	0	5	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-16	08:10:02	08:11:36	733808.501	5221702.633	733830.77	5221658.274	164.52	50	1.80	90.00	0	0	0	95	0	5	134	0	0	3	0	0	0	2	1	0	0	1910	32	0	0	0	0	3	0	0	0	0	134	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-17	08:11:36	08:13:10	733830.77	5221658.274	733842.88	5221608.557	164.22	50	1.80	90.00	0	0	0	95	0	5	105	0	0	4	0	0	1	2	0	0	0	1850	34	0	0	0	0	4	0	0	0	0	105	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-18	08:13:10	08:14:53	733842.88	5221608.557	733863.694	5221562.823	164.97	50	1.80	90.00	0	0	0	90	0	10	122	0	0	5	0	0	1	3	0	0	0	1850	33	0	0	0	0	5	0	0	0	0	122	0	0	2	0	3	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-19	08:14:53	08:16:26	733863.694	5221562.823	733882.151	5221516.525	164.08	50	1.80	90.00	0	0	0	90	0	10	151	0	0	3	0	0	1	1	0	0	0	2820	38	0	0	0	0	3	0	0	0	0	151	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-20	08:16:26	08:18:01	733882.151	5221516.525	733901.772	5221470.387	164.20	50	1.80	90.00	0	0	0	95	0	5	247	0	0	3	0	0	0	0	0	0	0	1700	52	0	0	0	0	3	0	0	0	0	247	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-21	08:18:01	08:19:38	733901.772	5221470.387	733917.407	5221423.133	164.78	50	1.80	90.00	0	0	0	85	0	15	143	0	0	6	0	0	0	2	0	0	0	1710	47	0	0	0	0	12	0	0	0	0	143	0	0	0	0	6	0	0	0	0	3	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-22	08:19:38	08:21:21	733917.407	5221423.133	733942.481	5221378.91	164.64	50	1.80	90.00	0	0	0	85	0	15	171	0	0	9	0	0	1	6	0	0	0	1630	34	0	0	0	0	8	0	0	0	0	171	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-23	08:21:21	08:22:54	733942.481	5221378.91	733957.828	5221332.045	164.82	50	1.80	90.00	0	0	0	90	0	10	186	0	0	5	0	0	1	1	0	0	0	2060	44	0	0	0	0	8	0	0	0	0	186	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-24	08:22:54	08:24:28	733957.828	5221332.045	733978.977	5221286.259	164.30	50	1.80	90.00	0	0	0	90	0	10	185	0	0	2	0	0	2	3	0	0	0	1970	41	0	0	0	0	9	0	1	0	0	185	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-25	08:24:28	08:26:02	733978.977	5221286.259	733996.2	5221239.193	164.45	50	1.80	90.00	0	0	0	95	0	5	153	0	0	0	0	0	1	1	0	0	0	1895	43	0	0	0	0	5	0	0	0	0	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-26	08:26:02	08:27:35	733996.2	5221239.193	734013.193	5221192.411	164.34	50	1.80	90.00	0	0	0	90	0	10	145	0	0	0	0	0	1	3	0	1	0	1820	35	0	0	0	0	7	0	1	0	0	145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-27	08:27:35	08:29:07	734013.193	5221192.411	734034.484	5221146.694	163.98	50	1.80	90.00	0	0	0	95	0	5	180	0	0	3	0	0	9	2	0	2	0	3020	30	0	0	0	0	9	0	0	0	0	180	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-28	08:29:07	08:30:40	734034.484	5221146.694	734050.625	5221099.652	164.12	50	1.80	90.00	0	0	0	95	0	5	153	0	0	1	0	0	0	4	0	4	0	1550	41	0	0	0	0	3	0	0	0	0	153	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-29	08:30:40	08:32:18	734050.625	5221099.652	734071.148	5221053.748	163.86	50	1.80	90.00	0	0	0	95	0	5	217	0	0	0	0	0	0	2	0	0	0	2060	33	0	0	0	0	9	0	0	0	0	217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-30	08:32:18	08:33:52	734071.148	5221053.748	734090.343	5221007.539	164.55	50	1.80	90.00	0	0	0	90	0	10	184	0	0	3	0	0	0	1	0	2	0	2325	47	0	0	0	0	14	0	0	0	0	184	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-31	08:33:52	08:35:28	734090.343	5221007.539	734109.939	5220961.473	164.37	50	1.80	90.00	0	0	0	95	0	5	146	0	0	4	0	0	1	4	0	3	0	2530	33	0	0	0	0	5	0	0	0	0	146	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-32	08:35:28	08:37:08	734109.939	5220961.473	734130.273	5220915.591	164.28	50	1.80	90.00	0	0	0	95	0	5	137	0	0	1	0	0	3	6	0	1	0	1920	33	0	0	0	0	13	0	0	0	0	137	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	T8	T8-33	08:37:08	08:38:44	734130.273	5220915.591	734150.914	5220869.251	164.00	21	1.80	37.80	0	0	0	95	0	5	195	0	0	4	0	0	0	2	0	0	0	1315	38	0	0	0	0	4	0	0	0	0	195	0	0	0	0	4	0	0	0	0	1	0	1	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-4-1	10:02:17	10:04:31	733513.603	5222362.247	733494.504	5222409.226	165.28	50	1.80	90.00	0	0	0	95	0	5	6	0	0	0	25	0	2	2	0	4	2	1520	38	0	0	0	0	15	0	0	1	0	6	15	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-4-2	10:04:31	10:06:40	733494.504	5222409.226	733473.525	5222454.842	164.78	50	1.80	90.00	0	5	0	90	0	5	4	0	0	0	22	0	2	2	0	1	0	1420	67	0	0	0	0	22	0	1	0	0	4	11	0	0	0	11	0	0	0	0	2	0	1	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-5-1	10:08:52	10:10:28	733451.748	5222445.442	733470.675	5222398.803	163.73	50	1.80	90.00	0	0	5	90	0	5	18	0	0	0	11	0	1	3	0	4	0	1540	44	0	0	0	0	7	0	0	2	0	18	9	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Gale N-66 Anchor	2023-04-14	A8	A8-5-2	10:10:28	10:11:59	733470.675	5222398.803	733488.507	5222352.185	164.54	50	1.80	90.00	0	5	5	85	0	5	8	0	0	6	10	0	1	4	0	6	0	1180	39	0	0	0	0	3	0	0	0	0	8	14	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0

APPENDIX

B INVERTEBRATE AND FISH DENSITY MAPS

APPENDIX

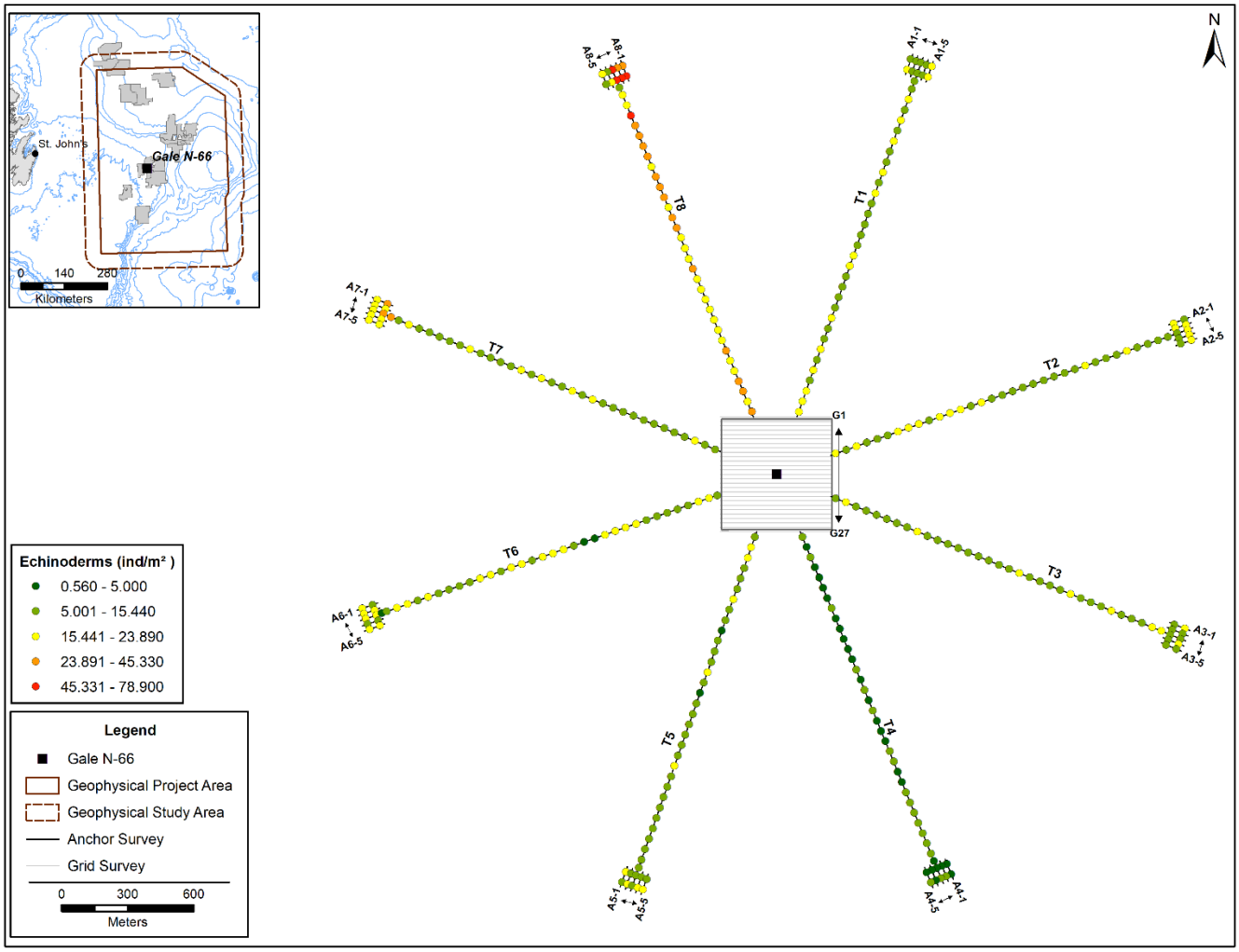

Figure B-1 Distribution of echinoderm densities (ind./m²) observed in the Gale N-66 anchor pattern survey.

APPENDIX

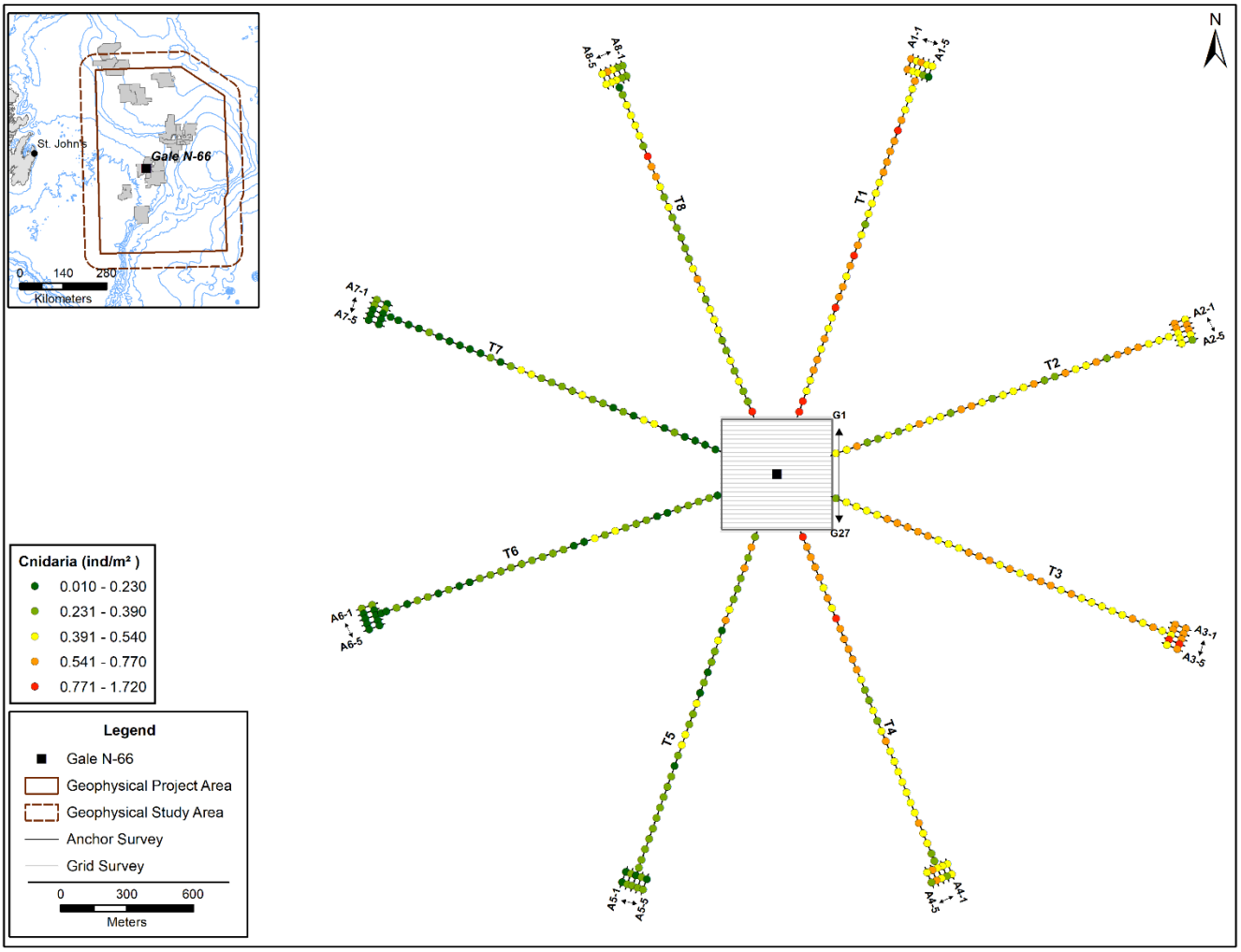

Figure B-2 Distribution of cnidarians (other than corals) densities (ind./m²) observed in the Gale N-66 anchor pattern survey.

APPENDIX

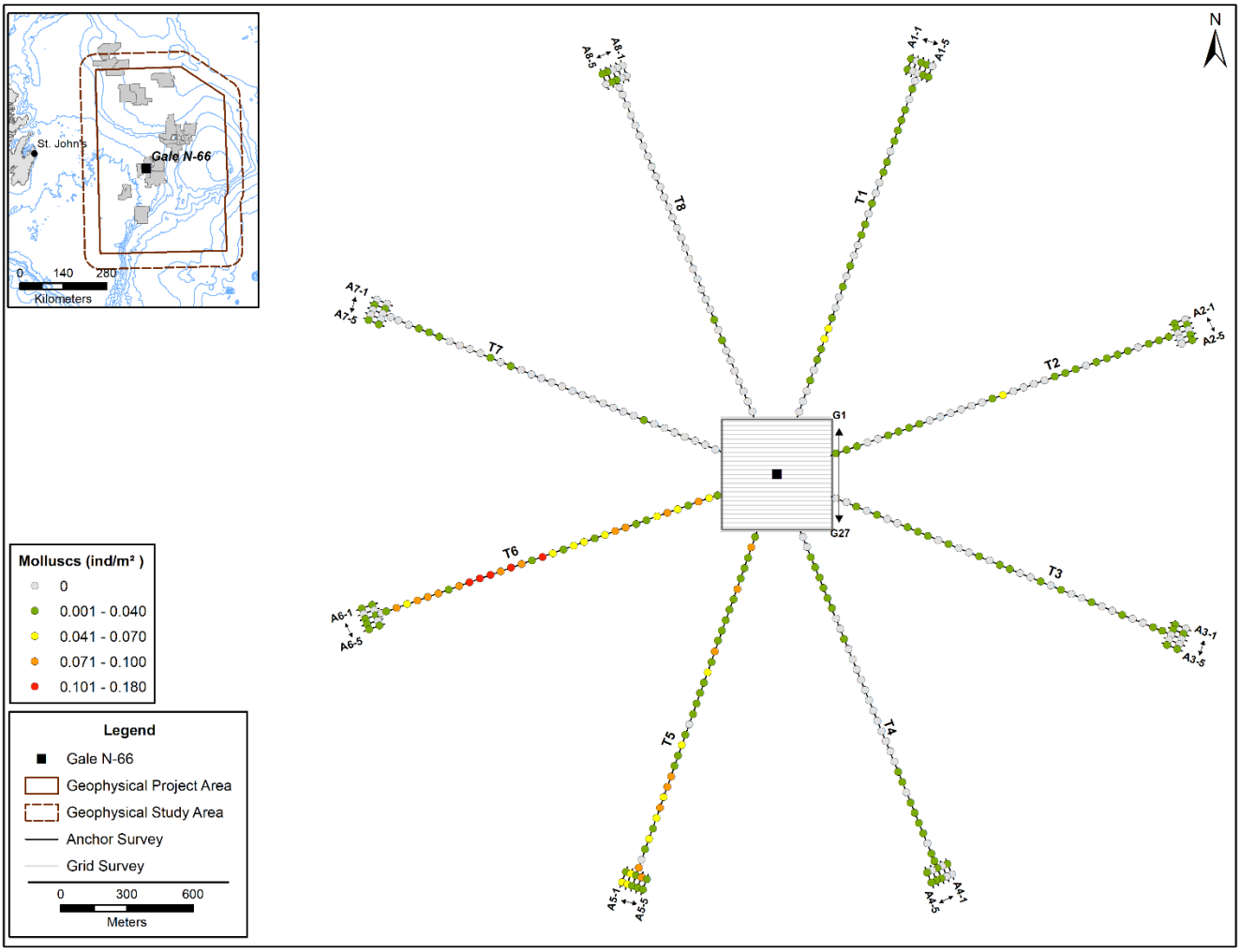

Figure B-3 Distribution of mollusc densities (ind./m²) observed in the Gale N-66 anchor pattern survey.

APPENDIX

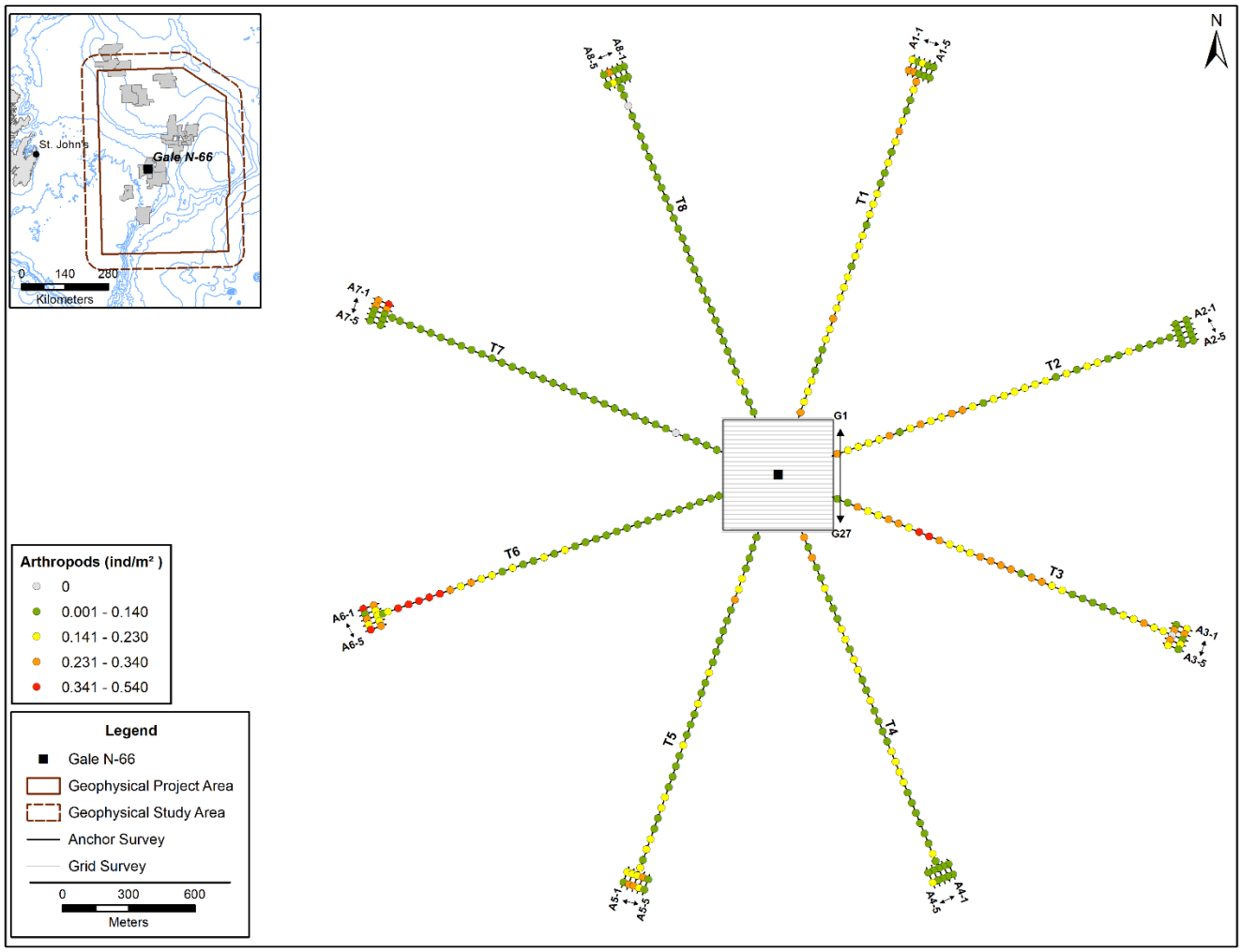

Figure B-4 Distribution of arthropod densities (ind./m²) observed in the Gale N-66 anchor pattern survey.

APPENDIX

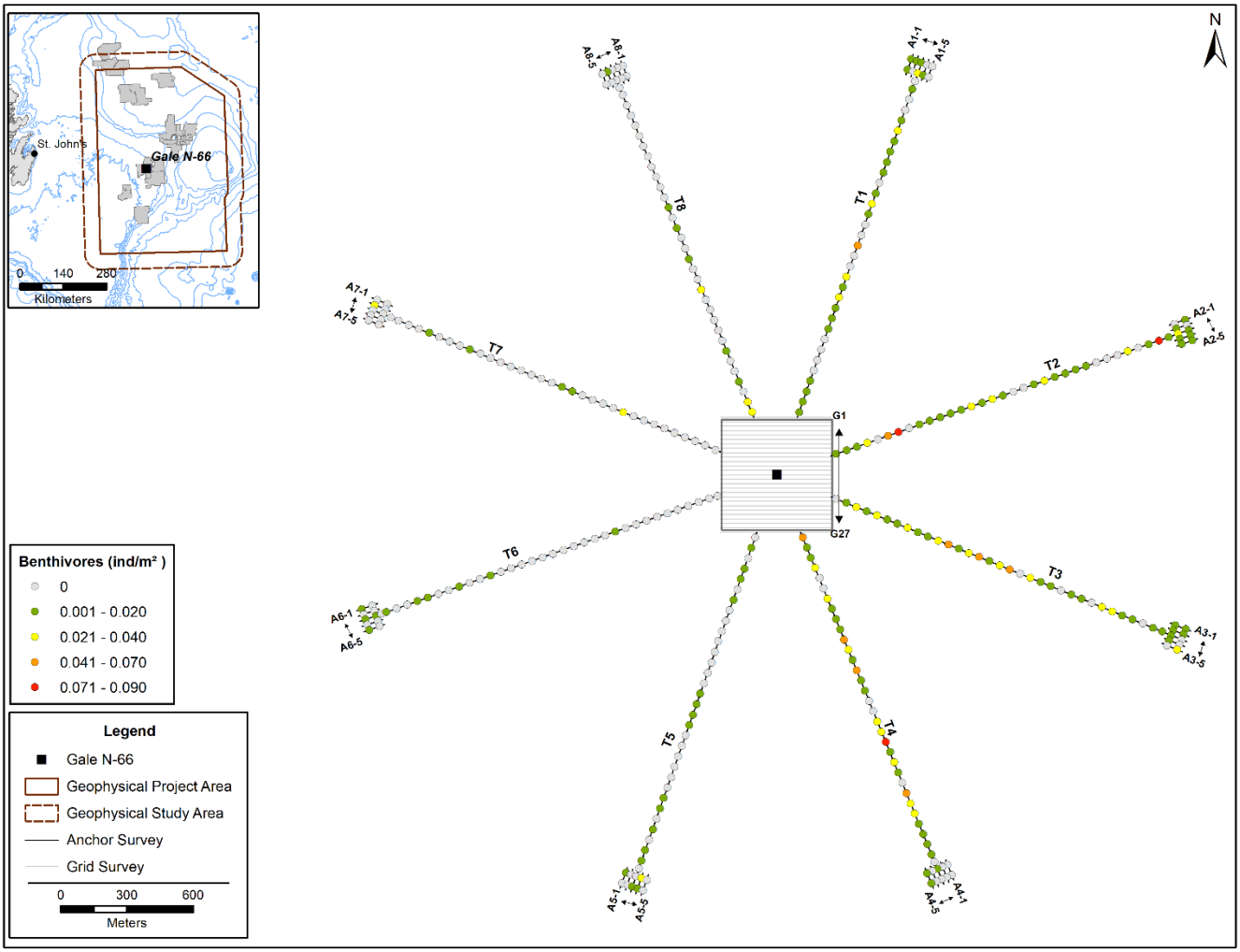

Figure B-5 Distribution of benthivore densities (ind./m²) observed in the Gale N-66 anchor pattern survey.

APPENDIX

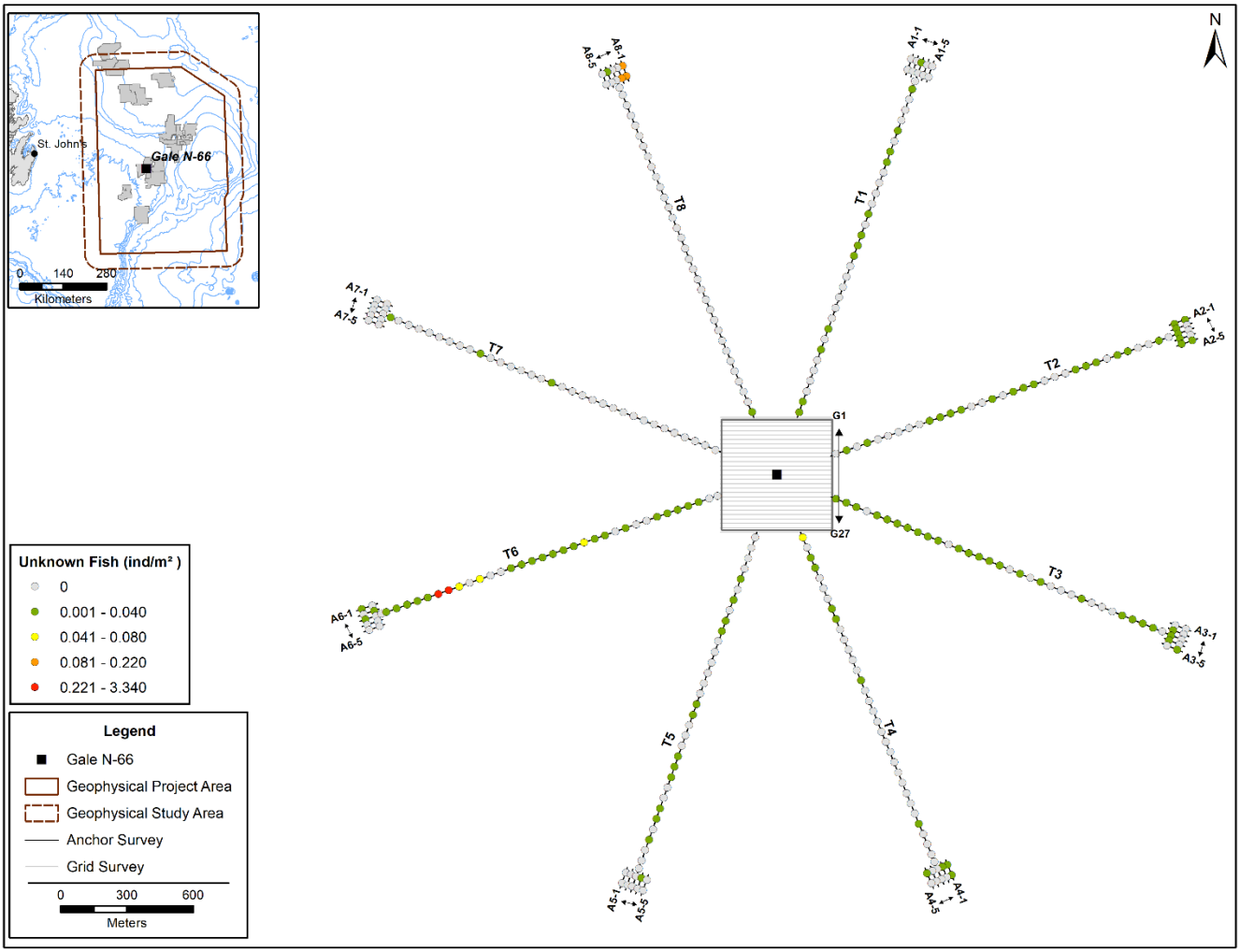

Figure B-6 Distribution of unknown fish densities (ind./m²) observed in the Gale N-66 anchor pattern survey.