2014 SHELF Survey: Bitter Crab – Kodiak-Pathobiology

The goal is to collect 200 frozen crab samples (legs) within each index site. There are 3 index sites assigned to *Chionoecetes opilio*, and 3 to *C. bairdi*. Within each index site, there are 10 stations (see below & index station map). Collect 20 legs of the specified species at designated stations. If you cannot collect 20 at a station, make up the difference at the next station w/in the index site.

1. Refer to BCS Index Site and Station map. When on a station, randomly sample crabs regardless of sex. See below and the index station map for *C. opilio* and *C. bairdi* maximum target sizes. It is *very* important to obtain 20 crabs/station! Crab leads: please keep in touch with each other to ensure that the 200 crab collection goals are met at each index site.

2. Crabs should be chosen at random during measuring. As the "crab measurer", pick out a crab and alert the "data entry person" that this crab will be used for BCS project. Then request a crab number, which will be the data entry Record Number from the database. Grab a bag from the "patho bag bundle", on the pre-printed label write the Record Number in the SAP Crab No. line, as well as the haul number (see tag example below). Remove a leg: either break off an entire leg (claws are OK) or use scissor to cut (we need at least 1" length of muscle). Drop used scissors in beaker of fresh water (don't let blood/tissue dry on scissors). For small (<30mm) crabs, collect multiple legs, or freeze whole crab. Place leg inside bag with label on the inside facing out.

3. At the end of the haul, collect all 20 crab leg bags and place inside a larger bag. Write the haul number on a pre-printed label and place the label on the inside of the haul bag facing out. Put bags in freezer inside a freezer box. Rinse off all used scissors in fresh water to avoid contaminating following crab.

*If both biologists stay on deck at an index station, or if time is an issue, **whole crabs** can be collected: write haul number on tag, bag whole crab, and freeze. Important: if freezing whole crab, no crab information is needed on the tag except for haul number (vessel number is already preprinted).*

4. Blood Smears: Please make a blood smear & frozen tissue (leg) from any visually positive BCS **King Crab**:
   In pencil, write the **vessel no., haul no. & "KC"** on the white frosted end of a new microscope slide.
   - Dry (with paper towel) & snip off the dactyl tip using clean scissors. Drip 1-2 drops (approx. 4 mm dia.) of blood near the edge of the *non*-frosted end of the microscope slide.
   - Take a "smearing" slide, place it at a 30°-45° angle, place it so it touches the inner edge of the drop of blood and then drag the smearing slide toward the frosted end of the slide with a smooth and steady motion. Drag blood, don't push it (see figure below). Used "smearing" slides can be disposed of in a container labeled "Used Smearing Slides". Set smears aside and allow to dry, try to avoid all water splash while making smears on deck!
   - Place leg inside a plastic bag and write crab information on a pre-printed King Crab label: vessel, haul, species, carapace length, sex, and shell condition.
   - Rinse off scissors in fresh water before using on next crab to avoid contamination.
   - After the slides are completely dry, place in a black slide box. Please keep black slide box in dry location.

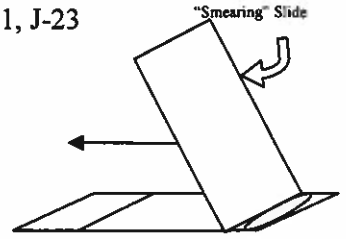
5. At the end of **LEG 2 & 3**, combine frozen crab from both boats and ship freezer boxes to Seattle using Coastal Transportation. *Bill of Lading info*: Christie Lang, 7600 Sand Point Way NE, Seattle WA, 206-526-6715. Please email christie.lang@noaa.gov with shipping information: Vessel name, Voyage number, Number of freezer boxes.

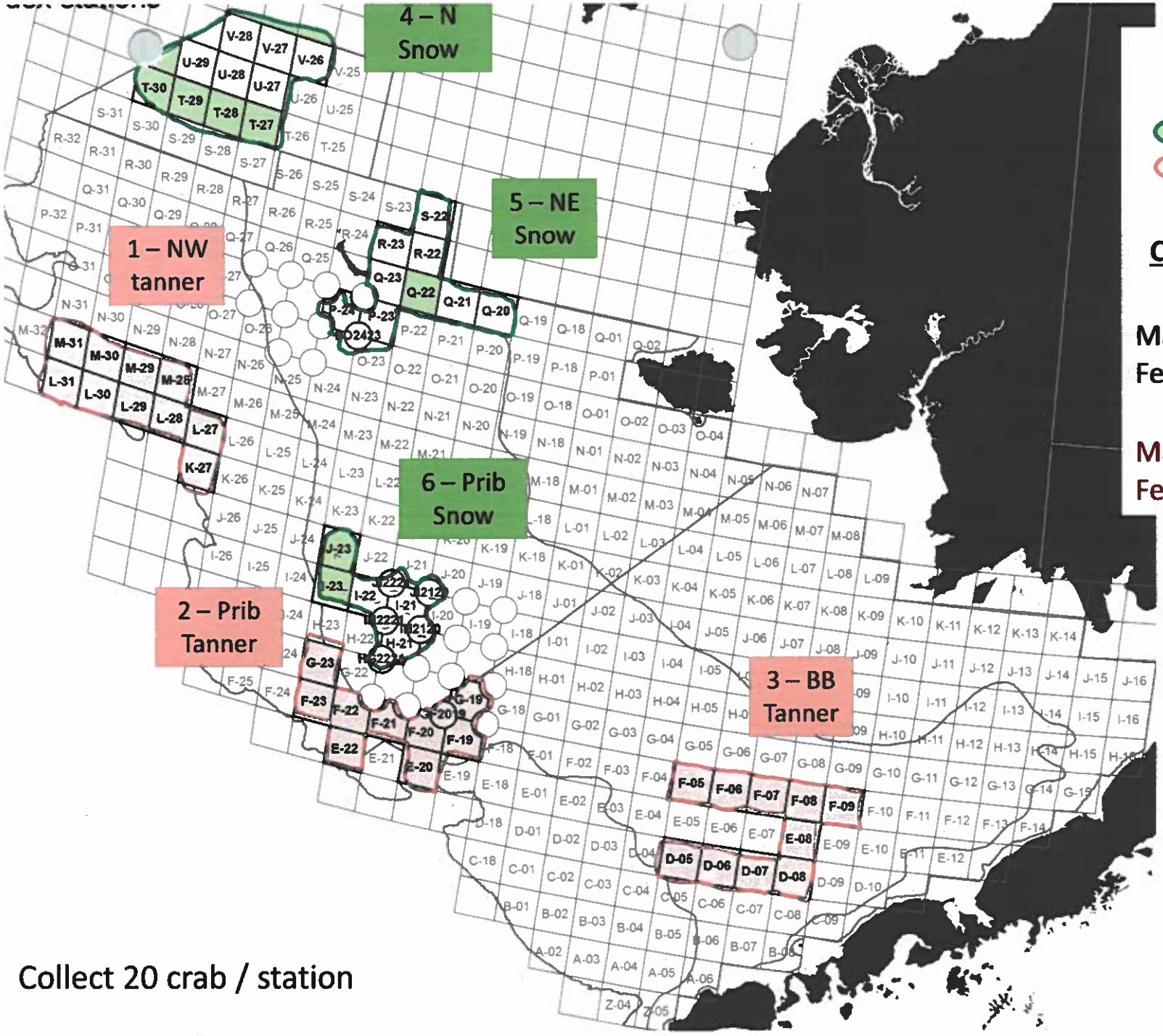
Index Site Stations:
1 – NW Tanner: K-27, L-27, L-28, L-29, L-30, L-31, M-28, M-29, M-30, M-31
2 – Prib Tanner: E-20, E-22, F-19, F-20, F-21, F-22, F-23, GF-20/19, G-19, G-23
3 – BB Tanner: D-08, D-07, D-06, D-05, E-08, F-09, F-08, F-07, F-06, F-05
4 – N Snow: T-27, T-28, T-29, T-30, U-27, U-28, U-29, V-26, V-27, V-28
5 – NE Snow: PO-24/23, P-23, P-24, Q-20, Q-21, Q-22, Q-23, R-22, R-23, S-22
6 – Prib Snow: HG-22/21, H-21, IH-21/20, IH-22/21, I-21, I-22, I-23, JI-21/20, JI-22/21, J-23

Crab Target Size:

C. opilio Males:	≤ 95 mm
C. opilio Females:	≤ 50 mm
C. bairdi Males:	≤113 mm
C. bairdi Females:	≤ 85 mm

Kodiak Pathology
2014 – BCS Project
Boat: tbd
Cruise: 2014-01
Haul: _____
SAP Crab No. _____





2014 BCS Index Sites

- *C. opilio*
- *C. bairdi*

Crab Size Target:

C. opilio

Males ≤ 95 mm

Females ≤ 50 mm

C. bairdi

Males ≤ 113 mm

Females ≤ 85 mm

Collect 20 crab / station

2014 EBS Shelf – *Hematodinium* Project

Frozen sample processing:

-At Sea: Whole animal or legs were placed in individual bags. Tags were added to each bag which indicated vessel and haul, and sometimes additional information: crab morphometrics or database reference number. Individual bags were grouped into one larger "haul" bag, with another tag that indicated vessel, haul number and sample total. All bags were put in freezer.

-Frozen crabs were shipped via Coastal Transportation from Dutch Harbor to Seattle, arriving Seattle 8/25/14. There were a total of 5 freezer boxes.

-In Lab: Each freezer box was opened for sample inventory on 9/9/14. Spreadsheets and data sheets were created based off of frozen inventory.

PROCESSING of FROZEN SAMPLES (beginning on 9/16/14):
-One or more haul bags were brought from -20°C freezer to HistoLab freezer. Samples were kept in HistoLab freezer and processed one at a time.

-Frozen sample was laid in new weigh dish. Reference numbers, if any, were documented on data sheet. If whole animal sample, morphometrics (sex, size, shell condition, clutch) were taken and documented on data sheet. Using a new razor blade and clean disposable forceps, leg muscle was removed and added into a 2.0 mL microtube and a striptube well, both prefilled with 100% ethanol. Remaining frozen sample was discarded, as well as weigh dish and razor blade. Forceps were wiped with paper towel to remove tissue, then placed in a soapy water dish. After completion of eight samples, all forceps were rinsed and moved into a tub of bleach and soap water for approx. one hour. Forceps were scrubbed with brush, rinsed with tap water and then distilled water.

<u>Processing time:</u> Approximately 1 hour for 8 crabs (includes time for cleaning, labeling tubes, filling tubes with ethanol, etc). The average number of crabs processed per day was 38.

2014 EBS Index Station Crab Samples

Frozen Crab Processing per Boat/ per Haul

Freezer Box	C_V_H	N	Station	BCS Index Site	Species	Frozen Sample Type	Notes
1	201401_94_110	37	F-19	2	C. bairdi	mixture	Station F19
1	201401_94_116	23	GF2019	2	C. bairdi	mixture	
1	201401_94_117	20	F-20	2	C. bairdi	whole crab	
1	201401_94_120	20	E-22	2	C. bairdi	mixture	
1	201401_94_121	20	F-22	2	C. bairdi	mixture	
1	201401_94_124	5	IH2221	6	C. opilio	legs	
1	201401_94_125	35	I-21	6	C. opilio	legs	
1	201401_94_126	11	JI2221	6	C. opilio	legs	
1	201401_94_127	12	I-22	6	C. opilio	legs	
1	201401_94_171	20	V-26	4	C. opilio	legs	
1	201401_94_173	18	U-27	4	C. opilio	legs	test this haul with 16S for DNA quality, thawing problems, bag on periphery
1	201401_94_174	20	V-27	4	C. opilio	legs	
1	201401_94_175	20	V-28	4	C. opilio	legs	
1	201401_94_176	20	U-28	4	C. opilio	legs	
1	201401_94_177	20	U-29	4	C. opilio	legs	test this haul with 16S for DNA quality, thawing problems, bag on periphery
1	201401_94_179	20	T-29	4	C. opilio	legs	
1	201401_94_180	20	T-30	4	C. opilio	legs	
1	201401_94_214	31	L-27	1	C. bairdi	mixture	there were 34 crabs in this bath
1	201401_94_215	6	K-27	1	C. bairdi	whole crab	moving this haul to the end so I could fit rest of haul 214
2	201401_94_27	~~19~~ 20	D-08	3	C. bairdi	legs	
2	201401_94_28	18	E-08	3	C. bairdi	legs	
2	201401_94_29	20	F-08	3	C. bairdi	legs	
2	201401_94_87	20	Q-20	5	C. opilio	whole crab	
2	201401_94_88	20	Q-21	5	C. opilio	mixture	
2	201401_94_97	~~19~~ 20	JI2120	6	C. opilio	whole crab	
2	201401_162_121	40	IH2120	6	C. opilio	legs	
2	201401_162_126	20	Q-22	5	C. opilio	mixture	
2	201401_162_127	14	Q-23	5	C. opilio	mixture	
2	201401_162_137	13	G-23	2	C. bairdi	mixture	
2	201401_162_156	38	PO2423	5	C. opilio	legs	
2	201401_162_166	20	R-22	5	C. opilio	legs	
2	201401_162_189	9	M-31	1	C. bairdi	mixture	
3	201401_162_110	20	G-19	2	C. bairdi	mixture	
3	201401_162_134	27	J-23	6	C. opilio	mixture	
3	201401_162_135	15	I-23	6	C. opilio	legs	
3	201401_162_155	2	P-24	5	C. opilio	whole crab	
3	201401_162_165	20	R-23	5	C. opilio	whole crab	
3	201401_162_167	20	S-22	5	C. opilio	legs	
3	201401_162_190	31	L-31	1	C. bairdi	mixture	
3	201401_162_191	20	L-30	1	C. bairdi	mixture	

2014 EBS Index Station Crab Samples

Frozen Crab Processing per Boat/ per Haul

Freezer Box	C V H	N	Station	BCS Index Site	Species	Frozen Sample Type	Notes
3	201401 162 192	6	M-30	1	C. bairdi	legs	
3	201401 162 199	13	M-28	1	C. bairdi	mixture	
3	201401 162 202	41	L-29	1	C. bairdi	legs	
3	201401 162 204	19	M-29	1	C. bairdi	mixture	
3	201401 162 205	21	L-28	1	C. bairdi	mixture	
3	201401 162 36	20	F-07	3	C. bairdi	mixture	
3	201401 162 61	20	D-05	3	C. bairdi	mixture	
3	201401 162 128	1	P-23	5	C. opilio	legs	double check label & haul- not in big bag w/ rest of haul 128 - hold til end of box 3 - rest of haul(if correct) in box 4
4	201401 162 128	26	P-23	5	C. opilio	mixture	1 loose crab - should added to total for this haul? - double check label
4	201401 162 116	20	F-21	2	C. bairdi	mixture	
4	201401 162 139	11	F-23	2	C. bairdi	mixture	
4	201401 162 173	20	T-27	4	C. opilio	legs	
4	201401 162 174	20	T-28	4	C. opilio	legs	
4	201401 162 26	20	F-09	3	C. bairdi	legs	
4	201401 162 34	20	D-07	3	C. bairdi	mixture	
4	201401 162 57	20	F-06	3	C. bairdi	mixture	
4	201401 162 60	20	D-06	3	C. bairdi	mixture	
4	201401 162 56	23	F-05	3	C. bairdi	mixture	3 crab loose in bag without labels?

Plate NO:	Striptube color
~~1~~	~~pink~~
~~2~~	~~blue~~
~~3~~	~~Pink~~
~~4~~	~~orange~~
~~5~~	~~Pink~~
~~6~~	~~Yellow~~
7	orange

Plate NO:	Striptube color:
8	purple
9	green
10	blue
11	orange
12	green
13	Yellow

2014 EBS Frozen Crab Processing: Tissue Extraction Plate Set-up

	1	2	3	4	5	6	7	8	9	10	11	12
A	01	09	17	25	33	41	49	57	65	73	81	89
B	02	10	18	26	34	42	50	58	66	Control Well	82	90
C	03	11	19	27	35	43	51	59	67	75	83	91
D	04	12	Control Well	28	36	44	52	60	68	76	84	92
E	05	13	21	29	37	45	53	61	69	77	85	93
F	06	14	22	30	38	46	54	Control Well	70	78	86	94
G	07	15	23	31	Control Well	47	55	63	71	79	87	95
H	08	16	24	32	40	48	56	64	72	80	88	96

Control wells: SPNO's NOT assigned: 20, 39, 62, 74

Put STERILE TIP in CONTROL WELLS!

Will Need:

✓Calipers	Ethanol	✓Microtubes	✓Sterile tips
✓ Gloves	Beaker	✓Microtube caps	✓ Data sheets
✓ Razor blades	✓Transfer pipette	✓Striptubes	✓Pencil
Forceps	Soapy water	✓Striptube caps	✓Sharpie
Weigh/petri dishes	Bleach water	✓80-place rack	Labels →
Radio	✓Clutch guide	✓DNA Extraction box	
✓ Sharps container			

label printing

record #

~~1 → 92 plate 1~~ ✓

~~93 → 184 plate 2~~ ✓

~~185 → 276 plate 3~~ ✓

~~277 → 368 plate 4~~ ✓

~~369 → 460 plate 5~~ ✓

~~461 → 552 plate 6~~ ✓

~~553 → 644 plate 7~~ ✓

~~645 → 736 plate 8~~ ✓

~~737 → 828 plate 9~~ ✓

~~829 → 920 plate 10~~ ✓

~~921 → 1012 plate 11~~ ✓

~~1013 → 1104 plate 12~~ ✓

original 1105 → ~~1345~~ plate 13 * look at 1343, 44 + 45 before printing

1301 → 1347
repeat 1347 x 3 more
DNA x
controls

(L) = log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 1

BOX	C V H	Species Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection Comments
1	201401 94 110	Chionoecetes bairdi	1	A1	20140101	6-2-83-3-416						(L) Saved tissue in EtOH microtube + Striptube Discarded frozen
1	201401 94 110	Chionoecetes bairdi	1	B1	20140102	6-2-78-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	C1	20140103	6-2-75-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	D1	20140104	6-2-82-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	E1	20140105	6-2-73-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	F1	20140106	6-2-81-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	G1	20140107	—	1	31.7	2	N/A	—	whole
1	201401 94 110	Chionoecetes bairdi	1	H1	20140108	6-2-84-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	A2	20140109	6-1-101-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	B2	20140110	6-1-92-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	C2	20140111	6-2-80-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	D2	20140112	6-1-97-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	E2	20140113	6-2-76-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	F2	20140114	6-2-65-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	G2	20140115	6-1-103-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	H2	20140116	6-2-77-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	A3	20140117	6-2-80-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	B3	20140118	6-2-74-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	C3	20140119	6-1-110-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	E3	20140121	6-2-79-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	F3	20140122	6-1-110-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	G3	20140123	6-2-81-3-415						(L)
1	201401 94 110	Chionoecetes bairdi	1	H3	20140124	6-1-110-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	A4	20140125	6-2-74-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	B4	20140126	6-1-106-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	C4	20140127	6-1-95-3						(L)
1	201401 94 110	Chionoecetes bairdi	1	D4	20140128	6-1-102-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	E4	20140129	6-2-85-3-412						(L)
1	201401 94 110	Chionoecetes bairdi	1	F4	20140130	6-2-70-3-412						(L)
1	201401 94 110	Chionoecetes bairdi	1	G4	20140131	6-1-107-2						(L)
1	201401 94 110	Chionoecetes bairdi	1	H4	20140132	6-2-79-3-416						(L)
1	201401 94 110	Chionoecetes bairdi	1	A5	20140133	6-1-109-3						(L)
1	201401 94 110	Chionoecetes bairdi	1	B5	20140134	6-2-82-3-415						(L)

(L) = Log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C V H	Species Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection Comments
1	201401_94_110	Chionoecetes bairdi	1	C5	20140135	6-2-82-3-414						(L) Saved tissue in EtOH
1	201401_94_110	Chionoecetes bairdi	1	D5	20140136	6-2-70-3-4/6						(L) microtube & strip tube
1	201401_94_110	Chionoecetes bairdi	1	E5	20140137	6-2-75-3-4/5						(L) Discarded frozen
1	201401_94_110	Chionoecetes bairdi	1	F5	20140138	6-1-107-2						(L)
1	201401_94_116	Chionoecetes bairdi	1	H5	20140140	—	1	51.4	3	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	A6	20140141	—	1	32.2	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	B6	20140142	6-2-75-2-000						(L)
1	201401_94_116	Chionoecetes bairdi	1	C6	20140143	6-2-57-2-000						(L)
1	201401_94_116	Chionoecetes bairdi	1	D6	20140144	6-1-75-2						(L)
1	201401_94_116	Chionoecetes bairdi	1	E6	20140145	—	2	31.3	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	F6	20140146	—	1	32.1	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	G6	20140147	—	1	31.1	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	H6	20140148	—	2	32.2	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	A7	20140149	—	1	31.3	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	B7	20140150	—	2	37.3	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	C7	20140151	—	2	30.5	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	D7	20140152	—	2	31.9	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	E7	20140153	—	2	31.7	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	F7	20140154	—	1	27.9	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	G7	20140155	—	1	30.8	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	H7	20140156	—	1	28.6	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	A8	20140157	—	2	34.6	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	B8	20140158	—	2	32.1	2	000		whole
1	201401_94_116	Chionoecetes bairdi	1	C8	20140159	—	1	31.2	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	D8	20140160	—	1	32.0	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	E8	20140161	—	1	33.6	2	N/A		whole
1	201401_94_116	Chionoecetes bairdi	1	G8	20140163	—	2	50.1	2	000		whole
1	201401_94_117	Chionoecetes bairdi	1	H8	20140164	—	1	32.6	2	N/A		whole
1	201401_94_117	Chionoecetes bairdi	1	A9	20140165	—	2	31.8	2	000		whole
1	201401_94_117	Chionoecetes bairdi	1	B9	20140166	6-1-90-2						(L)
1	201401_94_117	Chionoecetes bairdi	1	C9	20140167	6-1-98-2						(L)
1	201401_94_117	Chionoecetes bairdi	1	D9	20140168	6-1-103-2						(L)
1	201401_94_117	Chionoecetes bairdi	1	E9	20140169	6-2-81-3-415						(L)

(L) = Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C V H	Species Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection Comments
1	201401 94 117	Chionoecetes bairdi	1	F9	20140170	6-1-76-2						(L) Saved tissue in EtOH
1	201401 94 117	Chionoecetes bairdi	1	G9	20140171	—	1	28.9	2	N/A		whole microtube & strytube
1	201401 94 117	Chionoecetes bairdi	1	H9	20140172	—	1	27.7	2	N/A		whole Discarded frozen
1	201401 94 117	Chionoecetes bairdi	1	A10	20140173	—	1	28.3	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	C10	20140175	—	1	29.1	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	D10	20140176	—	1	26.6	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	E10	20140177	—	2	24.8	2	000		whole
1	201401 94 117	Chionoecetes bairdi	1	F10	20140178	—	1	27.5	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	G10	20140179	—	1	31.9	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	H10	20140180	—	1	32.3	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	A11	20140181	—	1	23.8	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	B11	20140182	—	1	29.5	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	C11	20140183	—	1	28.7	2	N/A		whole
1	201401 94 117	Chionoecetes bairdi	1	D11	20140184	—	1	23.1	2	N/A		whole
1	201401 94 120	Chionoecetes bairdi	1	E11	20140185	—	1	31.7	2	N/A		whole
1	201401 94 120	Chionoecetes bairdi	1	F11	20140186	—	2	29.6	2	000		whole
1	201401 94 120	Chionoecetes bairdi	1	G11	20140187	—	1	34.6	2	N/A		whole
1	201401 94 120	Chionoecetes bairdi	1	H11	20140188	6-1-81-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	A12	20140189	6-1-94-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	B12	20140190	6-1-98-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	C12	20140191	6-1-74-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	D12	20140192	6-1-76-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	E12	20140193	6-1-85-3						(L)
1	201401 94 120	Chionoecetes bairdi	1	F12	20140194	6-1-107-3						(L)
1	201401 94 120	Chionoecetes bairdi	1	G12	20140195	6-1-80-2						(L)
1	201401 94 120	Chionoecetes bairdi	1	H12	20140196	6-1-101-2						(L)
1	201401 94 120	Chionoecetes bairdi	2	A1	20140201	6-1-109-2						(L)
1	201401 94 120	Chionoecetes bairdi	2	B1	20140202	—	2	60.3	3	000		whole
1	201401 94 120	Chionoecetes bairdi	2	C1	20140203	—	2	56.8	3	000		whole
1	201401 94 120	Chionoecetes bairdi	2	D1	20140204	—	2	43.7	2	000	BCS + ?	whole - very pink/red body
1	201401 94 120	Chionoecetes bairdi	2	E1	20140205	—	1	29.8	2	N/A		whole
1	201401 94 120	Chionoecetes bairdi	2	F1	20140206	—	2	33.6	2	000		whole
1	201401 94 120	Chionoecetes bairdi	2	G1	20140207	—	2	46.0	2	000		whole

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C V H	Species Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection Comments
1	201401_94_120	Chionoecetes bairdi	2	√H1	20140208	—	2	34.7	2	000		Whole SAVED tissue in EtOH
1	201401_94_121	Chionoecetes bairdi	2	√A2	20140209	—	1	46.9	2	N/A		whole microtube & strptube
1	201401_94_121	Chionoecetes bairdi	2	√B2	20140210	—	2	42.4	2	000		Whole Discarded frozen
1	201401_94_121	Chionoecetes bairdi	2	√C2	20140211	—	2	48.6	3	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√D2	20140212	—	2	42.7	2	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√E2	20140213	—	2	37.6	2	000	BCS+?	whole - pink/reddish body
1	201401_94_121	Chionoecetes bairdi	2	√F2	20140214	—	2	34.2	2	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√G2	20140215	—	2	41.9	2	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√H2	20140216	—	1	37.1	2	N/A	BCS+?	whole very pink/red body
1	201401_94_121	Chionoecetes bairdi	2	√A3	20140217	—	1	47.6	3	N/A		Whole
1	201401_94_121	Chionoecetes bairdi	2	√B3	20140218	—	1	28.7	2	N/A		Whole
1	201401_94_121	Chionoecetes bairdi	2	√C3	20140219	—	2	32.4	2	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√E3	20140221	—	1	24.7	2	N/A		Whole
1	201401_94_121	Chionoecetes bairdi	2	√F3	20140222	—	1	30.9	2	N/A		Whole
1	201401_94_121	Chionoecetes bairdi	2	√G3	20140223	—	1	48.1	3	N/A		Whole slight pink body
1	201401_94_121	Chionoecetes bairdi	2	√H3	20140224	—	1	42.1	3	N/A		Whole
1	201401_94_121	Chionoecetes bairdi	2	√A4	20140225	—	2	46.1	3	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√B4	20140226	—	2	52.6	3	000		Whole
1	201401_94_121	Chionoecetes bairdi	2	√C4	20140227	6-1-102-2						(L)
1	201401_94_121	Chionoecetes bairdi	2	√D4	20140228	6-1-106-2						(L)
1	201401_94_121	Chionoecetes bairdi	2	√E4	20140229	6-1-101-2						(L)
1	201401_94_124	Chionoecetes opilio	2	√F4	20140230	7-1-82-3						(L)
1	201401_94_124	Chionoecetes opilio	2	√G4	20140231	7-1-71-2						(L)
1	201401_94_124	Chionoecetes opilio	2	√H4	20140232	7-1-83-3						(L)
1	201401_94_124	Chionoecetes opilio	2	√A5	20140233	7-1-76-3						(L)
1	201401_94_124	Chionoecetes opilio	2	√B5	20140234	7-1-59-2						(L)
1	201401_94_125	Chionoecetes opilio	2	√C5	20140235	7-2-53-2-415						(L)
1	201401_94_125	Chionoecetes opilio	2	√D5	20140236	7-2-51-2-000						(L)
1	201401_94_125	Chionoecetes opilio	2	√E5	20140237	7-2-49-2-000						(L)
1	201401_94_125	Chionoecetes opilio	2	√F5	20140238	7-2-64-2-000						(L)
1	201401_94_125	Chionoecetes opilio	2	√H5	20140240	7-2-53-2-000						(L)
1	201401_94_125	Chionoecetes opilio	2	√A6	20140241	7-2-57-2-000						(L)
1	201401_94_125	Chionoecetes opilio	2	√B6	20140242	7-2-56-2-415						(L)

(L= leg only)

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_125	Chionoecetes opilio	2	√C6	20140243	7-2-56-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√D6	20140244	7-2-46-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√E6	20140245	7-2-48-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√F6	20140246	7-2-55-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√G6	20140247	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√H6	20140248	7-2-50-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√A7	20140249	7-2-53-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√B7	20140250	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√C7	20140251	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√D7	20140252	7-2-57-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√E7	20140253	7-2-57-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√F7	20140254	7-2-58-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√G7	20140255	7-2-51-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√H7	20140256	7-2-55-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√A8	20140257	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√B8	20140258	7-2-67-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√C8	20140259	7-2-58-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√D8	20140260	7-2-60-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√E8	20140261	7-1-53-2						L
1	201401_94_125	Chionoecetes opilio	2	√G8	20140263	7-1-50-2						L
1	201401_94_125	Chionoecetes opilio	2	√H8	20140264	7-2-56-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√A9	20140265	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√B9	20140266	7-2-52-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√C9	20140267	7-2-55-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√D9	20140268	7-2-44-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√E9	20140269	7-2-51-2-000						L
1	201401_94_125	Chionoecetes opilio	2	√F9	20140270	7-2-55-2-415						L
1	201401_94_125	Chionoecetes opilio	2	√G9	20140271	7-2-55-2-000						L
1	201401_94_126	Chionoecetes opilio	2	√H9	20140272	7-2-57-2-415						L
1	201401_94_126	Chionoecetes opilio	2	√A10	20140273	7-1-82-2						L
1	201401_94_126	Chionoecetes opilio	2	√C10	20140275	7-1-70-2						L
1	201401_94_126	Chionoecetes opilio	2	√D10	20140276	7-2-59-2-415						L
1	201401_94_126	Chionoecetes opilio	2	√E10	20140277	7-2-75-2-415						L

saved tissue in EtoH microtube + stryptube discarded frozen

Ⓛ = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_126	Chionoecetes opilio	2	F10	20140278	7-1-78-3						Ⓛ SAVED Tissue in EtOH microtube + strip tube discarded frozen
1	201401_94_126	Chionoecetes opilio	2	G10	20140279	7-1-75-2						Ⓛ
1	201401_94_126	Chionoecetes opilio	2	H10	20140280	7-1-87-3						Ⓛ
1	201401_94_126	Chionoecetes opilio	2	A11	20140281	7-1-81-2						Ⓛ
1	201401_94_126	Chionoecetes opilio	2	B11	20140282	7-1-85-2						Ⓛ
1	201401_94_126	Chionoecetes opilio	2	C11	20140283	7-1-84-2						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	D11	20140284	7-2-67-2-000						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	E11	20140285	7-2-74-3-416						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	F11	20140286	7-2-41-2-000						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	G11	20140287	7-2-68-2-000						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	H11	20140288	7-2-64-2-415						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	A12	20140289	7-1-92-2						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	B12	20140290	7-1-50-2						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	C12	20140291	7-2-72-3-001						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	D12	20140292	7-1-99-3						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	E12	20140293	7-1-83-3						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	F12	20140294	7-2-50-2-000						Ⓛ
1	201401_94_127	Chionoecetes opilio	2	G12	20140295	7-2-68-3-001						Ⓛ
1	201401_94_171	Chionoecetes opilio	2	H12	20140296		2	40	2	413		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	A1	20140301		2	40	3	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	B1	20140302		2	43	3	415		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	C1	20140303		2	52	2	415		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	D1	20140304		2	43	3	415		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	E1	20140305		2	54	2	413		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	F1	20140306		2	52	2	415		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	G1	20140307		2	40	3	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	H1	20140308		2	45	2	413		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	A2	20140309		2	55	2	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	B2	20140310		2	50	2	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	C2	20140311		2	50	2	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	D2	20140312		2	59	2	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	E2	20140313		2	45	2	414		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	F2	20140314		2	53	2	414		Ⓛ

Ⓛ = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_171	Chionoecetes opilio	3	√G2	20140315		2	56	2	414		Ⓛ SAVED Tissue in EtOH microtube + strip tubes discarded frozen
1	201401_94_171	Chionoecetes opilio	3	√H2	20140316		2	42	2	413		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	√A3	20140317		2	55	2	415		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	√B3	20140318		2	59	2	413		Ⓛ
1	201401_94_171	Chionoecetes opilio	3	√C3	20140319		2	48	2	415		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√E3	20140321		1	55	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√F3	20140322		1	46	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√G3	20140323		2	43	3	415		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√H3	20140324		2	44	3	413		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√A4	20140325		1	49	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√B4	20140326		1	57	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√C4	20140327		2	46	2	414		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√D4	20140328		2	45	2	000		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√E4	20140329		2	50	2	414		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√F4	20140330		2	40	3	414		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√G4	20140331		1	54	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√H4	20140332		1	64	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√A5	20140333		1	54	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√B5	20140334		1	49	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√C5	20140335		2	47	2	000		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√D5	20140336		1	47	2	N/A		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√E5	20140337		2	48	2	000		Ⓛ
1	201401_94_173	Chionoecetes opilio	3	√F5	20140338		2	57	2	414		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√H5	20140340		2	40	3	414		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√A6	20140341		2	55	2	413		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√B6	20140342		2	51	2	000		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√C6	20140343		2	49	2	000		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√D6	20140344		2	55	2	414		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√E6	20140345		2	51	2	000		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√F6	20140346		2	50	2	000		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√G6	20140347		2	51	3	414		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√H6	20140348		2	46	2	000		Ⓛ
1	201401_94_174	Chionoecetes opilio	3	√A7	20140349		2	48	2	415		Ⓛ

(L) = Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_174	Chionoecetes opilio	3	B7	20140350		1	64	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	C7	20140351		1	61	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	D7	20140352		1	56	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	E7	20140353		1	51	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	F7	20140354		1	72	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	G7	20140355		1	55	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	H7	20140356		1	59	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	A8	20140357		1	60	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	B8	20140358		1	51	2	N/A		(L)
1	201401_94_174	Chionoecetes opilio	3	C8	20140359		1	51	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	D8	20140360		2	47	2	000		(L)
1	201401_94_175	Chionoecetes opilio	3	E8	20140361		2	42	2	000		(L)
1	201401_94_175	Chionoecetes opilio	3	G8	20140363		2	43	3	415		(L)
1	201401_94_175	Chionoecetes opilio	3	H8	20140364		2	49	2	414		(L)
1	201401_94_175	Chionoecetes opilio	3	A9	20140365		2	41	3	413		(L)
1	201401_94_175	Chionoecetes opilio	3	B9	20140366		2	53	2	414		(L)
1	201401_94_175	Chionoecetes opilio	3	C9	20140367		2	51	3	415		(L)
1	201401_94_175	Chionoecetes opilio	3	D9	20140368		2	52	3	415		(L)
1	201401_94_175	Chionoecetes opilio	3	E9	20140369		2	51	2	414		(L)
1	201401_94_175	Chionoecetes opilio	3	F9	20140370		1	67	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	G9	20140371		1	74	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	H9	20140372		1	44	3	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	A10	20140373		1	54	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	C10	20140375		1	65	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	D10	20140376		1	71	3	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	E10	20140377		1	62	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	F10	20140378		1	63	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	G10	20140379		1	56	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	H10	20140380		1	66	2	N/A		(L)
1	201401_94_175	Chionoecetes opilio	3	A11	20140381		2	50	3	414		(L)
1	201401_94_176	Chionoecetes opilio	3	B11	20140382		1	51	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	C11	20140383		1	46	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	D11	20140384		1	47	2	N/A		(L)

SAVED Tissue in EtOH - microtubes & Strip tubes Discarded frozen

(L)= Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 9

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_176	Chionoecetes opilio	3	E11	20140385		1	48	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	F11	20140386		1	46	4	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	G11	20140387		1	52	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	H11	20140388		1	46	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	A12	20140389		2	46	2	000		(L)
1	201401_94_176	Chionoecetes opilio	3	B12	20140390		1	41	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	C12	20140391		1	47	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	D12	20140392		1	46	2	N/A		(L)
1	201401_94_176	Chionoecetes opilio	3	E12	20140393		2	50	2	000		(L)
1	201401_94_176	Chionoecetes opilio	3	F12	20140394		2	48	2	000		(L)
1	201401_94_176	Chionoecetes opilio	3	G12	20140395		2	47	2	000		(L)
1	201401_94_176	Chionoecetes opilio	3	H12	20140396		2	48	2	000		(L)
1	201401_94_176	Chionoecetes opilio	4	A1	20140401		2	48	2	000		(L)
1	201401_94_176	Chionoecetes opilio	4	B1	20140402		2	47	2	000		(L)
1	201401_94_176	Chionoecetes opilio	4	C1	20140403		2	44	2	000		(L)
1	201401_94_176	Chionoecetes opilio	4	D1	20140404		2	55	2	000		(L)
1	201401_94_176	Chionoecetes opilio	4	E1	20140405		2	49	2	000		(L)
1	201401_94_177	Chionoecetes opilio	4	F1	20140406		2	57	2	415		(L)
1	201401_94_177	Chionoecetes opilio	4	G1	20140407		1	64	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	H1	20140408		2	49	2	415		(L)
1	201401_94_177	Chionoecetes opilio	4	A2	20140409		1	47	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	B2	20140410		2	54	2	414		(L)
1	201401_94_177	Chionoecetes opilio	4	C2	20140411		1	65	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	D2	20140412		2	49	2	000		(L)
1	201401_94_177	Chionoecetes opilio	4	E2	20140413		1	63	3	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	F2	20140414		1	64	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	G2	20140415		1	70	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	H2	20140416		2	52	2	000		(L)
1	201401_94_177	Chionoecetes opilio	4	A3	20140417		1	50	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	B3	20140418		1	50	2	N/A		(L)
1	201401_94_177	Chionoecetes opilio	4	C3	20140419		2	46	2	414		(L)
1	201401_94_177	Chionoecetes opilio	4	E3	20140421		2	51	2	000		(L)
1	201401_94_177	Chionoecetes opilio	4	F3	20140422		1	53	2	N/A		(L)

Saved tissue in EtOH
Microtube + strip tube
Discarded frozen

(L)=Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_177	Chionoecetes opilio	4	√G3	20140423		1	48	2	N/A		(L) Saved tissue in EtOH
1	201401_94_177	Chionoecetes opilio	4	√H3	20140424		2	49	2	000		(L) microtube + strip tube
1	201401_94_177	Chionoecetes opilio	4	√A4	20140425		1	54	2	N/A		(L) Discarded frozen
1	201401_94_177	Chionoecetes opilio	4	√B4	20140426		1	48	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√C4	20140427		1	53	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√D4	20140428		1	77	3	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√E4	20140429		1	75	UNK	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√F4	20140430		1	63	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√G4	20140431		1	76	3	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√H4	20140432		1	72	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√A5	20140433		1	66	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√B5	20140434		1	58	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√C5	20140435		1	50	3	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√D5	20140436		1	63	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√E5	20140437		1	58	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√F5	20140438		2	54	3	415		(L)
1	201401_94_179	Chionoecetes opilio	4	√H5	20140440		1	73	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√A6	20140441		1	74	2	N/A		(L)
1	201401_94_179	Chionoecetes opilio	4	√B6	20140442		2	55	2	414		(L)
1	201401_94_179	Chionoecetes opilio	4	√C6	20140443		2	52	2	000		(L)
1	201401_94_179	Chionoecetes opilio	4	√D6	20140444		2	39	4	413		(L)
1	201401_94_179	Chionoecetes opilio	4	√E6	20140445		2	43	3	414		(L)
1	201401_94_179	Chionoecetes opilio	4	√F6	20140446		2	57	2	414		(L)
1	201401_94_179	Chionoecetes opilio	4	√G6	20140447		1	70	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	H6	20140448		1	77	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√A7	20140449		1	70	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√B7	20140450		1	72	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√C7	20140451		1	66	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√D7	20140452		1	95	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√E7	20140453		1	66	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√F7	20140454		1	67	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√G7	20140455		1	69	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	√H7	20140456		1	83	2	N/A		(L)

(L) = log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_180	Chionoecetes opilio	4	A8	20140457		1	61	2	N/A		(L) SAVED tissue in EtOH
1	201401_94_180	Chionoecetes opilio	4	B8	20140458		1	67	2	N/A		(L) microtube + strptube
1	201401_94_180	Chionoecetes opilio	4	C8	20140459		1	63	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	D8	20140460		1	80	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	E8	20140461		1	67	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	G8	20140463		1	62	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	H8	20140464		1	63	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	A9	20140465		1	65	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	B9	20140466		1	66	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	C9	20140467		1	67	2	N/A		(L)
1	201401_94_180	Chionoecetes opilio	4	D9	20140468		1	74	2	N/A		(L)
1	201401_94_214	Chionoecetes bairdi	4	E9	20140469		2	39	2	000		Whole - discarded frozen
1	201401_94_214	Chionoecetes bairdi	4	F9	20140470		1	45	2	N/A		Whole - discarded frozen
1	201401_94_214	Chionoecetes bairdi	4	G9	20140471		2	47	2	000		Whole - discarded frozen
1	201401_94_214	Chionoecetes bairdi	4	H9	20140472		1	81	2	N/A		(L)
1	201401_94_214	Chionoecetes bairdi	4	A10	20140473		1	52	2	N/A		whole - kept whole for Aging
1	201401_94_214	Chionoecetes bairdi	4	C10	20140475		2	43	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	D10	20140476		2	35	2	000		Whole
1	201401_94_214	Chionoecetes bairdi	4	E10	20140477		1	57	2	N/A		Whole
1	201401_94_214	Chionoecetes bairdi	4	F10	20140478		1	56	2	N/A		Whole
1	201401_94_214	Chionoecetes bairdi	4	G10	20140479		2	44	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	H10	20140480		2	46	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	A11	20140481		2	45	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	B11	20140482		1	56	2	N/A		whole
1	201401_94_214	Chionoecetes bairdi	4	C11	20140483		2	61	2	001		Whole
1	201401_94_214	Chionoecetes bairdi	4	D11	20140484		2	55	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	E11	20140485		1	64	UNK	N/A		(L) (discarded leg)
1	201401_94_214	Chionoecetes bairdi	4	F11	20140486		1	44	2	N/A		whole
1	201401_94_214	Chionoecetes bairdi	4	G11	20140487		1	42	2	N/A		whole
1	201401_94_214	Chionoecetes bairdi	4	H11	20140488		2	46	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	A12	20140489		2	44	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	B12	20140490		2	41	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	C12	20140491		2	42	2	000		whole

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
1	201401_94_214	Chionoecetes bairdi	4	√D12	20140492		1	90	UNK	N/A		(L) SAVED TISSUE in EtOH
1	201401_94_214	Chionoecetes bairdi	4	√E12	20140493		1	82	UNK	N/A		(L) microtube + strip tube
1	201401_94_214	Chionoecetes bairdi	4	√F12	20140494		1	42	2	N/A		whole - Kept whole frozen for Aging
1	201401_94_214	Chionoecetes bairdi	4	√G12	20140495		2	41	2	000		whole
1	201401_94_214	Chionoecetes bairdi	4	√H12	20140496		1	30	UNK	N/A		whole
1	201401_94_214	Chionoecetes bairdi	5	√A1	20140501		1	44	2	N/A		whole
1	201401_94_214	Chionoecetes bairdi	5	√B1	20140502		2	44	2	000		whole
1	201401_94_214	Chionoecetes bairdi	5	√C1	20140503		1	44	2	N/A		whole
1	201401_94_214	Chionoecetes bairdi	5	√D1	20140504		2	50	2	000		whole
1	201401_94_~~215~~214	Chionoecetes bairdi	5	√E1	20140505		1	73	UNK	N/A		(L)
1	201401_94_~~215~~214	Chionoecetes bairdi	5	√F1	20140506		1	77	UNK	N/A		(L)
1	201401_94_~~215~~214	Chionoecetes bairdi	5	√G1	20140507		1	74	UNK	N/A		(L)
1	201401_94_~~215~~27	Chionoecetes bairdi	5	√H1	20140508	1545						(L)
1	201401_94_~~215~~27	Chionoecetes bairdi	5	√A2	20140509	1458						(L)
1	201401_94_~~215~~27	Chionoecetes bairdi	5	√B2	20140510	1547						(L)
2	201401_94_27	Chionoecetes bairdi	5	√C2	20140511	1456						(L)
2	201401_94_27	Chionoecetes bairdi	5	√D2	20140512	1460						(L)
2	201401_94_27	Chionoecetes bairdi	5	√E2	20140513	1451						(L)
2	201401_94_27	Chionoecetes bairdi	5	√F2	20140514	1539						(L)
2	201401_94_27	Chionoecetes bairdi	5	√G2	20140515	1459						(L)
2	201401_94_27	Chionoecetes bairdi	5	√H2	20140516	1543						(L)
2	201401_94_27	Chionoecetes bairdi	5	√A3	20140517	1452						(L)
2	201401_94_27	Chionoecetes bairdi	5	√B3	20140518	1455						whole - discarded frozen whole
2	201401_94_27	Chionoecetes bairdi	5	√C3	20140519	1540						whole
2	201401_94_27	Chionoecetes bairdi	5	√E3	20140521	1454						whole
2	201401_94_27	Chionoecetes bairdi	5	√F3	20140522	1453						(L)
2	201401_94_27	Chionoecetes bairdi	5	√G3	20140523	1542						(L)
2	201401_94_27	Chionoecetes bairdi	5	√H3	20140524	1541						(L)
2	201401_94_27	Chionoecetes bairdi	5	√A4	20140525	1538						(L)
2	201401_94_27	Chionoecetes bairdi	5	√B4	20140526	1544						(L)
2	201401_94_27	Chionoecetes bairdi	5	√C4	20140527	1546						(L)
2	201401_94_27	Chionoecetes bairdi	5	√D4	20140528	1457						(L)
2	201401_94_~~27~~28	Chionoecetes bairdi	5	√E4	20140529	1553						(L)

See back ↑

Haul 214 had 34 crabs instead of 31

Since haul 215 has only 6 crabs, I moved them to the end of the sampling

Crabs in haul 27 will move up as well

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_94_28	Chionoecetes bairdi	5	F4	20140530	1632						(L) SAVED TISSUE in ETOH
2	201401_94_28	Chionoecetes bairdi	5	G4	20140531	1640						(L) microtube + strip tube
2	201401_94_28	Chionoecetes bairdi	5	H4	20140532	1549						(L) discarded frozen
2	201401_94_28	Chionoecetes bairdi	5	A5	20140533	1551						(L)
2	201401_94_28	Chionoecetes bairdi	5	B5	20140534	1631						(L)
2	201401_94_28	Chionoecetes bairdi	5	C5	20140535	1638						(L)
2	201401_94_28	Chionoecetes bairdi	5	D5	20140536	155?						(L) Last number not readable
2	201401_94_28	Chionoecetes bairdi	5	E5	20140537	1641						(L)
2	201401_94_28	Chionoecetes bairdi	5	F5	20140538	1633						(L)
2	201401_94_28	Chionoecetes bairdi	5	H5	20140540	1639						(L)
2	201401_94_28	Chionoecetes bairdi	5	A6	20140541	1635						(L)
2	201401_94_28	Chionoecetes bairdi	5	B6	20140542	1634						(L)
2	201401_94_28	Chionoecetes bairdi	5	C6	20140543	1555						(L)
2	201401_94_28	Chionoecetes bairdi	5	D6	20140544	1636						(L)
2	201401_94_28	Chionoecetes bairdi	5	E6	20140545	1550						(L)
2	201401_94_28	Chionoecetes bairdi	5	F6	20140546	1554						(L)
2	201401_94_28	Chionoecetes bairdi	5	G6	20140547	1637						(L)
2	201401_94_29	Chionoecetes bairdi	5	H6	20140548	1749						(L)
2	201401_94_29	Chionoecetes bairdi	5	A7	20140549	1745						(L)
2	201401_94_29	Chionoecetes bairdi	5	B7	20140550	1655						(L)
2	201401_94_29	Chionoecetes bairdi	5	C7	20140551	1748						(L)
2	201401_94_29	Chionoecetes bairdi	5	D7	20140552	1759						(L)
2	201401_94_29	Chionoecetes bairdi	5	E7	20140553	1752						(L)
2	201401_94_29	Chionoecetes bairdi	5	F7	20140554	1746						(L)
2	201401_94_29	Chionoecetes bairdi	5	G7	20140555	1757						(L)
2	201401_94_29	Chionoecetes bairdi	5	H7	20140556	1756						(L)
2	201401_94_29	Chionoecetes bairdi	5	A8	20140557	1761						(L)
2	201401_94_29	Chionoecetes bairdi	5	B8	20140558	1753						(L)
2	201401_94_29	Chionoecetes bairdi	5	C8	20140559	1744						(L)
2	201401_94_29	Chionoecetes bairdi	5	D8	20140560	1751						(L)
2	201401_94_29	Chionoecetes bairdi	5	E8	20140561	1754						(L)
2	201401_94_29	Chionoecetes bairdi	5	G8	20140563	1750						(L)
2	201401_94_29	Chionoecetes bairdi	5	H8	20140564	1747						(L)

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_94_29	Chionoecetes bairdi	5	A9	20140565	1654						(L) SAVED TISSUE in EtOH
2	201401_94_29	Chionoecetes bairdi	5	B9	20140566	1760						(L) microtube + strip tube
2	201401_94_29	Chionoecetes bairdi	5	C9	20140567	1755						(L) discarded frozen
2	201401_94_29	Chionoecetes bairdi	5	D9	20140568	1758						(L)
2	201401_94_87	Chionoecetes ~~bairdi~~ opilio	5	E9	20140569		2	45.2	2	000		Whole - discarded Whole
2	201401_94_87	Chionoecetes ~~bairdi~~ opilio	5	F9	20140570		2	30.6	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	G9	20140571		2	38.3	2	000		Whole
2	201401_94_87	Chionoecetes opilio	5	H9	20140572		2	22.4	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	A10	20140573		1	83.3	3	N/A		whole
2	201401_94_87	Chionoecetes opilio	5	C10	20140575		1	25.8	2	N/A		Whole
2	201401_94_87	Chionoecetes opilio	5	D10	20140576		1	77.9	3	N/A		Whole
2	201401_94_87	Chionoecetes opilio	5	E10	20140577		2	22.6	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	F10	20140578		1	53.9	3	N/A		whole
2	201401_94_87	Chionoecetes opilio	5	G10	20140579		1	56.8	3	N/A		whole
2	201401_94_87	Chionoecetes opilio	5	H10	20140580		1	75.7	3	N/A		whole
2	201401_94_87	Chionoecetes opilio	5	A11	20140581		1	42.9	2	N/A		Whole
2	201401_94_87	Chionoecetes opilio	5	B11	20140582		2	19.2	2	000		Whole
2	201401_94_87	Chionoecetes opilio	5	C11	20140583		2	21.5	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	D11	20140584		1	20.8	2	N/A		whole
2	201401_94_87	Chionoecetes opilio	5	E11	20140585		2	20.7	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	F11	20140586		2	23.1	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	G11	20140587		1	25.4	2	N/A		Whole
2	201401_94_87	Chionoecetes opilio	5	H11	20140588		2	23.1	2	000		whole
2	201401_94_87	Chionoecetes opilio	5	A12	20140589		1	56.7	3	N/A		whole
2	201401_94_88	Chionoecetes opilio	5	B12	20140590	2270						(L)
2	201401_94_88	Chionoecetes opilio	5	C12	20140591	2272						(L)
2	201401_94_88	Chionoecetes opilio	5	D12	20140592	2273						(L)
2	201401_94_88	Chionoecetes opilio	5	E12	20140593	2271						(L)
2	201401_94_88	Chionoecetes opilio	5	F12	20140594	2268						(L)
2	201401_94_88	Chionoecetes opilio	5	G12	20140595	2274						(L)
2	201401_94_88	Chionoecetes opilio	5	H12	20140596	2269						(L)
2	201401_94_88	Chionoecetes opilio	6	A1	20140601	2260						(L)
2	201401_94_88	Chionoecetes opilio	6	B1	20140602	2262						(L)

(E) CAL 12/18/14

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_94_88	Chionoecetes opilio	6	C1	20140603	2261						(L) saved tissue in EtOH
2	201401_94_88	Chionoecetes opilio	6	D1	20140604	2263						(L) microtube + stripetube
2	201401_94_88	Chionoecetes opilio	6	E1	20140605	2264						(L) discarded frozen
2	201401_94_88	Chionoecetes opilio	6	F1	20140606	2258						(L)
2	201401_94_88	Chionoecetes opilio	6	G1	20140607	2257						(L)
2	201401_94_88	Chionoecetes opilio	6	H1	20140608	2259						(L)
2	201401_94_88	Chionoecetes opilio	6	A2	20140609	2255						whole
2	201401_94_88	Chionoecetes opilio	6	B2	20140610	2266						(L)
2	201401_94_88	Chionoecetes opilio	6	C2	20140611	2265						(L)
2	201401_94_88	Chionoecetes opilio	6	D2	20140612	2254						whole
2	201401_94_88	Chionoecetes opilio	6	E2	20140613	2267						(L)
2	201401_94_97	Chionoecetes opilio	6	F2	20140614		2	57.1	3	001		whole
2	201401_94_97	Chionoecetes opilio	6	G2	20140615		1	45.1	2	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	H2	20140616		1	65.2	3	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	A3	20140617		1	55.4	3	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	B3	20140618		1	66.3	3	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	C3	20140619		2	44.9	2	000		whole
2	201401_94_97	Chionoecetes opilio	6	E3	20140621		1	51.2	2	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	F3	20140622		2	47.7	2	000		whole
2	201401_94_97	Chionoecetes opilio	6	G3	20140623		1	47.9	2	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	H3	20140624		1	59.7	3	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	A4	20140625		1	43.5	2	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	B4	20140626		2	63.7	3	001		whole
2	201401_94_97	Chionoecetes opilio	6	C4	20140627		2	46.7	2	001		whole
2	201401_94_97	Chionoecetes opilio	6	D4	20140628		1	60.6	3	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	E4	20140629		1	40.8	2	N/A		whole
2	201401_94_97	Chionoecetes opilio	6	F4	20140630		2	51.7	3	000		whole
2	201401_94_97	Chionoecetes opilio	6	G4	20140631		2	52.3	2	001		whole
2	201401_94_97	Chionoecetes opilio	6	H4	20140632		2	47.0	2	000		whole
2	201401_94_97	Chionoecetes opilio	6	A5	20140633		2	48.7	3	001		whole
2	201401_~~162~~ 94_~~121~~ 97	Chionoecetes opilio	6	B5	20140634		2	51.5	3	001		whole
2	201401_162_121	Chionoecetes opilio	6	C5	20140635		1	75	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	D5	20140636		1	73	4	N/A		(L)

(E) 12/19/14 CAL

(L) = Log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 16

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_162_121	Chionoecetes opilio	6	E5	20140637		1	81	4	N/A		(L) SAVED TISSUE in ETOH
2	201401_162_121	Chionoecetes opilio	6	F5	20140638		1	81	2	N/A		(L) Microtube + Strip tube
2	201401_162_121	Chionoecetes opilio	6	H5	20140640		1	79	2	N/A		(L) discarded frozen
2	201401_162_121	Chionoecetes opilio	6	A6	20140641		1	75	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	B6	20140642		1	76	4	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	C6	20140643		1	80	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	D6	20140644		1	86	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	E6	20140645		1	72	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	F6	20140646		1	75	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	G6	20140647		1	81	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	H6	20140648		1	84	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	A7	20140649		1	72	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	B7	20140650		1	75	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	C7	20140651		1	76	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	D7	20140652		1	82	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	E7	20140653		1	83	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	F7	20140654		1	80	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	G7	20140655		1	79	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	H7	20140656		1	89	4	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	A8	20140657		1	69	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	B8	20140658		1	82	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	C8	20140659		1	82	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	D8	20140660		1	92	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	E8	20140661		1	73	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	G8	20140663		1	81	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	H8	20140664		1	81	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	A9	20140665		1	69	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	B9	20140666		1	83	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	C9	20140667		1	75	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	D9	20140668		1	82	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	E9	20140669		1	79	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	F9	20140670		1	76	3	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	G9	20140671		1	85	3	N/A		(L)

UNK = info not on tag (E) 12/9/14 CAL

(L)= log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 17

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_162_121	Chionoecetes opilio	6	H9	20140672		1	84	2	N/A		(L) SAVED TISSUE IN ETOH
2	201401_162_121	Chionoecetes opilio	6	A10	20140673		1	87	2	N/A		(L) microtube + Stryptube
2	201401_162_121	Chionoecetes opilio	6	C10	20140675		1	84	2	N/A		(L) Discarded frozen
2	201401_162_121	Chionoecetes opilio	6	D10	20140676		1	86	2	N/A		(L)
2	201401_162_121	Chionoecetes opilio	6	E10	20140677		1	84	3	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	F10	20140678		2	47	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	G10	20140679		2	45	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	H10	20140680		2	50	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	A11	20140681		2	48	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	B11	20140682		1	48	2	N/A		whole
2	201401_162_126	Chionoecetes opilio	6	C11	20140683		2	48	2	415		whole
2	201401_162_126	Chionoecetes opilio	6	D11	20140684		2	48	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	E11	20140685		1	50	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	F11	20140686		2	49	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	G11	20140687		1	50	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	H11	20140688		2	50	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	A12	20140689		1	50	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	B12	20140690		2	42	2	414		whole
2	201401_162_126	Chionoecetes opilio	6	C12	20140691		2	44	2	000		whole
2	201401_162_126	Chionoecetes opilio	6	D12	20140692		1	57	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	E12	20140693		1	49	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	F12	20140694		1	51	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	G12	20140695		1	54	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	6	H12	20140696		1	59	2	N/A		(L)
2	201401_162_126	Chionoecetes opilio	7	A1	20140701		1	53	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	B1	20140702		1	44	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	C1	20140703		1	49	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	D1	20140704		1	51	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	E1	20140705		1	41	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	F1	20140706		1	45	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	G1	20140707		1	59	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	H1	20140708		1	59	3	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	A2	20140709		2	50	2	000		(L)

VANQU

(R) 12/22/14 CAL

(L) = log only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_162_127	Chionoecetes opilio	7	√B2	20140710		1	49	2	N/A		(L) SAVED Tissue in stor4
2	201401_162_127	Chionoecetes opilio	7	√C2	20140711		1	57	2	N/A		(L) microtube + strip tube
2	201401_162_127	Chionoecetes opilio	7	√D2	20140712		1	60	2	N/A		(L) discarded frozen
2	201401_162_127	Chionoecetes opilio	7	√E2	20140713		1	35	2	N/A		(L)
2	201401_162_127	Chionoecetes opilio	7	√F2	20140714		2	46	2	000		(L)
2	201401_162_127	Chionoecetes opilio	7	√G2	20140715		2	47	2	000		(L)
2	201401_162_137	Chionoecetes bairdi	7	√H2	20140716		1	99	3	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√A3	20140717		2	24	2	000		whole
2	201401_162_137	Chionoecetes bairdi	7	√B3	20140718		1	41	2	N/A		whole
2	201401_162_137	Chionoecetes bairdi	7	√C3	20140719		1	96	4	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√E3	20140721		1	103	3	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√F3	20140722		2	22	2	000		whole
2	201401_162_137	Chionoecetes bairdi	7	√G3	20140723		1	46	2	N/A		whole
2	201401_162_137	Chionoecetes bairdi	7	√H3	20140724		1	108	4	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√A4	20140725		1	110	3	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√B4	20140726		2	79	3	415		(L)
2	201401_162_137	Chionoecetes bairdi	7	√C4	20140727		1	99	3	N/A		(L)
2	201401_162_137	Chionoecetes bairdi	7	√D4	20140728		2	84	4	416		(L)
2	201401_162_137	Chionoecetes bairdi	7	√E4	20140729		1	98	4	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√F4	20140730		2	57	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	√G4	20140731		2	52	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	√H4	20140732		1	74	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√A5	20140733		1	66	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√B5	20140734		1	66	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√C5	20140735		1	70	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√D5	20140736		1	86	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√E5	20140737		2	51	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	√F5	20140738		1	62	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√H5	20140740		2	59	2	414		(L)
2	201401_162_156	Chionoecetes opilio	7	√A6	20140741		1	50	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√B6	20140742		1	62	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√C6	20140743		1	75	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	√D6	20140744		1	91	4	N/A		(L)

(L) CAL 031615

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_162_156	Chionoecetes opilio	7	E6	20140745		2	55	2	000		(L) SAVED tissue in EtOH
2	201401_162_156	Chionoecetes opilio	7	F6	20140746		1	58	2	N/A		(L) microtube + strip tube
2	201401_162_156	Chionoecetes opilio	7	G6	20140747		1	59	2	N/A		(L) discarded frozen
2	201401_162_156	Chionoecetes opilio	7	H6	20140748		1	80	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	A7	20140749		2	54	2	414		(L)
2	201401_162_156	Chionoecetes opilio	7	B7	20140750		1	59	2	N/A	BCS+	(L)
2	201401_162_156	Chionoecetes opilio	7	C7	20140751		1	64	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	D7	20140752		1	61	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	E7	20140753		2	57	2	415		(L)
2	201401_162_156	Chionoecetes opilio	7	F7	20140754		1	67	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	G7	20140755		1	63	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	H7	20140756		1	78	4	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	A8	20140757		2	53	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	B8	20140758		2	60	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	C8	20140759		1	62	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	D8	20140760		1	72	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	E8	20140761		1	54	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	G8	20140763		2	56	2	413	BCS+ ?	(L)
2	201401_162_156	Chionoecetes opilio	7	H8	20140764		1	56	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	A9	20140765		2	52	2	000		(L)
2	201401_162_156	Chionoecetes opilio	7	B9	20140766		1	64	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	C9	20140767		1	69	2	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	D9	20140768		1	80	3	N/A		(L)
2	201401_162_156	Chionoecetes opilio	7	E9	20140769		2	51	2	414		(L)
2	201401_162_166	Chionoecetes opilio	7	F9	20140770		2	48	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	G9	20140771		2	47	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	H9	20140772		2	50	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	A10	20140773		1	48	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	C10	20140775		2	48	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	D10	20140776		1	46	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	E10	20140777		2	49	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	F10	20140778		1	46	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	G10	20140779		2	50	2	000		(L)

(2) CAL 031615

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= Leg Only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
2	201401_162_166	Chionoecetes opilio	7	H10	20140780		2	50	2	000		(L) SAVED tissue in stick
2	201401_162_166	Chionoecetes opilio	7	A11	20140781		2	45	2	000		(L) microtube + straw tube
2	201401_162_166	Chionoecetes opilio	7	B11	20140782		2	47	2	000		(L) discarded frozen
2	201401_162_166	Chionoecetes opilio	7	C11	20140783		1	42	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	D11	20140784		2	47	2	000		(L)
2	201401_162_166	Chionoecetes opilio	7	E11	20140785		1	46	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	F11	20140786		1	45	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	G11	20140787		1	43	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	H11	20140788		1	46	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	A12	20140789		1	40	2	N/A		(L)
2	201401_162_166	Chionoecetes opilio	7	B12	20140790		1	42	2	N/A		(L)
2	201401_162_189	Chionoecetes bairdi	7	C12	20140791		2	45	1	000		Whole
2	201401_162_189	Chionoecetes bairdi	7	D12	20140792		1	72	2	N/A		(L)
2	201401_162_189	Chionoecetes bairdi	7	E12	20140793		2	26	2	000		Whole
2	201401_162_189	Chionoecetes bairdi	7	F12	20140794		2	30	2	000		Whole
2	201401_162_189	Chionoecetes bairdi	7	G12	20140795		1	57	2	N/A		(L)
2	201401_162_189	Chionoecetes bairdi	7	H12	20140796		1	69	2	N/A		(L)
2	201401_162_189	Chionoecetes bairdi	8	A1	20140801		1	21	2	N/A		Whole
3	201401_162_189	Chionoecetes bairdi	8	B1	20140802		1	79	2	N/A		(L)
3	201401_162_189	Chionoecetes bairdi	8	C1	20140803		2	32	2	000	BCS+	Whole
3	201401_162_110	Chionoecetes bairdi	8	D1	20140804		2	79	4	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	E1	20140805		2	84	4	415		(L)
3	201401_162_110	Chionoecetes bairdi	8	F1	20140806		2	80	4	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	G1	20140807		1	102	4	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	H1	20140808		2	76	4	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	A2	20140809		2	69	3	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	B2	20140810		2	73	3	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	C2	20140811		2	76	3	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	D2	20140812		2	81	3	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	E2	20140813		2	71	3	416		(L)
3	201401_162_110	Chionoecetes bairdi	8	F2	20140814		1	84	4	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	G2	20140815		1	101	3	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	H2	20140816		1	99	4	N/A		(L)

✓ DA/DC

(L) ✓ 031715

(L) = Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 21

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_110	Chionoecetes bairdi	8	A3	20140817		2	80	4	416		(L) SAVED TISSUE in EtOH
3	201401_162_110	Chionoecetes bairdi	8	B3	20140818		1	95	4	N/A		(L) microtube + Strip tube
3	201401_162_110	Chionoecetes bairdi	8	C3	20140819		1	108	3	N/A		(L) discarded frozen
3	201401_162_110	Chionoecetes bairdi	8	E3	20140821		1	101	4	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	F3	20140822		1	108	3	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	G3	20140823		1	108	3	N/A		(L)
3	201401_162_110	Chionoecetes bairdi	8	H3	20140824		1	106	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	A4	20140825		1	79	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	B4	20140826		1	78	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	C4	20140827		1	90	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	D4	20140828		1	88	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	E4	20140829		1	87	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	F4	20140830		1	89	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	G4	20140831		1	81	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	H4	20140832		1	90	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	A5	20140833		1	65	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	B5	20140834		1	76	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	C5	20140835		1	78	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	D5	20140836		1	85	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	E5	20140837		1	90	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	F5	20140838		1	77	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	H5	20140840		1	89	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	A6	20140841		1	87	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	B6	20140842		1	75	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	C6	20140843		1	74	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	D6	20140844		1	87	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	E6	20140845		1	82	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	F6	20140846		1	87	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	G6	20140847		1	83	2	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	H6	20140848		1	79	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	A7	20140849		1	74	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	B7	20140850		1	80	3	N/A		(L)
3	201401_162_134	Chionoecetes opilio	8	C7	20140851		1	86	2	N/A		(L)

JCMRC

(A) CAL 031715

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L) = Leg Only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_134	Chionoecetes opilio	8	√D7	20140852		1	84	3	N/A		(L) SAVED tissue in EtOH
3	201401_162_135	Chionoecetes opilio	8	√E7	20140853		1	95	5	N/A		(L) microtube + strpture
3	201401_162_135	Chionoecetes opilio	8	√F7	20140854		1	86	3	N/A		(L) discarded frozen
3	201401_162_135	Chionoecetes opilio	8	√G7	20140855		1	88	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√H7	20140856		1	83	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√A8	20140857		1	81	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√B8	20140858		1	77	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√C8	20140859		1	81	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√D8	20140860		1	84	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√E8	20140861		1	70	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√G8	20140863		1	78	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√H8	20140864		1	89	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√A9	20140865		1	71	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√B9	20140866		1	79	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√C9	20140867		1	87	3	N/A		(L)
3	201401_162_135	Chionoecetes opilio	8	√D9	20140868		1	89	3	N/A		(L)
3	201401_162_155	Chionoecetes opilio	8	√E9	20140869		2	42	2	000		Whole
3	201401_162_155	Chionoecetes opilio	8	√F9	20140870		1	57	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√G9	20140871		1	44	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√H9	20140872		1	46	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√A10	20140873		1	47	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√C10	20140875		1	57	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√D10	20140876		1	44	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√E10	20140877		2	49	2	414		Whole
3	201401_162_165	Chionoecetes opilio	8	√F10	20140878		1	47	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√G10	20140879		2	44	2	413		Whole
3	201401_162_165	Chionoecetes opilio	8	√H10	20140880		1	50	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√A11	20140881		1	45	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√B11	20140882		2	48	2	413		Whole
3	201401_162_165	Chionoecetes opilio	8	√C11	20140883		1	45	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√D11	20140884		1	65	2	N/A		Whole
3	201401_162_165	Chionoecetes opilio	8	√E11	20140885		1	78	2	N/A		(L)
3	201401_162_165	Chionoecetes opilio	8	√F11	20140886		2	43	2	413		Whole

√ DMAC

(O) MLL 032515

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_165	Chionoecetes opilio	8	√G11	20140887		1	53	2	N/A		Whole SAVED tissue in EtoH
3	201401_162_165	Chionoecetes opilio	8	√H11	20140888		2	50	2	000		Whole microtube + Strip tube
3	201401_162_165	Chionoecetes opilio	8	√A12	20140889		1	62	2	N/A		whole discarded frozen
3	201401_162_165	Chionoecetes opilio	8	√B12	20140890		2	47	2	413		Whole
3	201401_162_165	Chionoecetes opilio	8	√C12	20140891		2	45	2	413		whole
3	201401_162_167	Chionoecetes opilio	8	√D12	20140892		2	41	2	000		(L)
3	201401_162_167	Chionoecetes opilio	8	√E12	20140893		2	49	2	000		(L)
3	201401_162_167	Chionoecetes opilio	8	√F12	20140894		1	47	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	8	√G12	20140895		1	63	3	N/A		(L)
3	201401_162_167	Chionoecetes opilio	8	√H12	20140896		2	44	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√A1	20140901		2	46	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√B1	20140902		1	43	2	N/A	BCS+	(L)
3	201401_162_167	Chionoecetes opilio	9	√C1	20140903		2	50	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√D1	20140904		1	63	3	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√E1	20140905		2	50	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√F1	20140906		1	56	3	N/A	BCS+	(L)
3	201401_162_167	Chionoecetes opilio	9	√G1	20140907		1	59	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√H1	20140908		1	57	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√A2	20140909		2	44	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√B2	20140910		2	50	2	000		(L)
3	201401_162_167	Chionoecetes opilio	9	√C2	20140911		1	56	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√D2	20140912		1	60	3	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√E2	20140913		1	40	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√F2	20140914		1	42	2	N/A		(L)
3	201401_162_167	Chionoecetes opilio	9	√G2	20140915		1	62	2	N/A		(L)
3	201401_162_190	Chionoecetes bairdi	9	√H2	20140916		1	24	2	N/A		whole
3	201401_162_190	Chionoecetes bairdi	9	√A3	20140917		2	43	2	000		whole
3	201401_162_190	Chionoecetes bairdi	9	√B3	20140918		2	37	2	000		whole
3	201401_162_190	Chionoecetes bairdi	9	√C3	20140919		2	27	2	000		whole
3	201401_162_190	Chionoecetes bairdi	9	√E3	20140921		2	32	2	000		whole
3	201401_162_190	Chionoecetes bairdi	9	√F3	20140922		1	24	2	N/A		whole
3	201401_162_190	Chionoecetes bairdi	9	√G3	20140923		2	44	2	000		whole
3	201401_162_190	Chionoecetes bairdi	9	√H3	20140924		2	20	2	000		whole

√ DNA (Dr)

NAL 032515

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (D)= leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_190	Chionoecetes bairdi	9	A4	20140925		2	19	2	000		Whole SAVED tissue in EtoH
3	201401_162_190	Chionoecetes bairdi	9	B4	20140926		2	35	2	000		Whole microtube + strip tube
3	201401_162_190	Chionoecetes bairdi	9	C4	20140927		1	22	2	N/A		Whole Discarded frozen
3	201401_162_190	Chionoecetes bairdi	9	D4	20140928		2	46	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	E4	20140929		2	18	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	F4	20140930		2	24	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	G4	20140931		1	59	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	H4	20140932		1	16	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	A5	20140933		1	25	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	B5	20140934		2	30	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	C5	20140935		1	46	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	D5	20140936		1	25	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	E5	20140937		2	32	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	F5	20140938		2	23	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	H5	20140940		2	37	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	A6	20140941		2	26	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	B6	20140942		1	24	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	C6	20140943		2	56	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	D6	20140944		2	23	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	E6	20140945		2	25	2	000		Whole
3	201401_162_190	Chionoecetes bairdi	9	F6	20140946		1	24	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	G6	20140947		1	25	2	N/A		Whole
3	201401_162_190	Chionoecetes bairdi	9	H6	20140948		1	35	2	N/A	BCS+	Whole
3	201401_162_191	Chionoecetes bairdi	9	A7	20140949		2	21	2	000		Whole
3	201401_162_191	Chionoecetes bairdi	9	B7	20140950		1	20	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	C7	20140951		1	49	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	D7	20140952		2	26	2	000		Whole
3	201401_162_191	Chionoecetes bairdi	9	E7	20140953		1	22	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	F7	20140954		1	47	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	G7	20140955		1	19	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	H7	20140956		1	24	2	N/A	BCS+	Whole
3	201401_162_191	Chionoecetes bairdi	9	A8	20140957		2	24	2	000		Whole
3	201401_162_191	Chionoecetes bairdi	9	B8	20140958		1	30	2	N/A		Whole

CAL 032515

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= log only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_191	Chionoecetes bairdi	9	C8	20140959		2	25	2	000		whole SAVED tissue in Etoh
3	201401_162_191	Chionoecetes bairdi	9	D8	20140960		2	33	2	000		whole microtube + Stryptube
3	201401_162_191	Chionoecetes bairdi	9	E8	20140961		2	26	2	000		Whole discarded frozen
3	201401_162_191	Chionoecetes bairdi	9	G8	20140963		2	22	2	000		Whole
3	201401_162_191	Chionoecetes bairdi	9	H8	20140964		1	26	2	N/A		Whole
3	201401_162_191	Chionoecetes bairdi	9	A9	20140965		1	25	2	N/A		whole
3	201401_162_191	Chionoecetes bairdi	9	B9	20140966		2	25	2	000		whole
3	201401_162_191	Chionoecetes bairdi	9	C9	20140967		2	25	2	000		whole
3	201401_162_191	Chionoecetes bairdi	9	D9	20140968		1	23	2	N/A		whole
3	201401_162_191	Chionoecetes bairdi	9	E9	20140969		1	25	2	N/A		Whole
3	201401_162_192	Chionoecetes bairdi	9	F9	20140970		1	39	2	N/A		(L)
3	201401_162_192	Chionoecetes bairdi	9	G9	20140971		1	74	2	N/A		(L)
3	201401_162_192	Chionoecetes bairdi	9	H9	20140972		2	86	2	415		(L)
3	201401_162_192	Chionoecetes bairdi	9	A10	20140973		1	79	2	N/A		(L)
3	201401_162_192	Chionoecetes bairdi	9	C10	20140975		2	44	2	000		(L)
3	201401_162_192	Chionoecetes bairdi	9	D10	20140976		1	77	2	N/A		(L)
3	201401_162_199	Chionoecetes bairdi	9	E10	20140977		1	32	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	F10	20140978		1	43	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	G10	20140979		2	10	2	000		whole Stryptube ONLY
3	201401_162_199	Chionoecetes bairdi	9	H10	20140980		1	41	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	A11	20140981		1	31	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	B11	20140982		1	40	2	N/A		whole
3	201401_162_199	Chionoecetes bairdi	9	C11	20140983		1	30	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	D11	20140984		1	42	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	E11	20140985		1	31	2	N/A		Whole
3	201401_162_199	Chionoecetes bairdi	9	F11	20140986		2	38	2	000		whole
3	201401_162_199	Chionoecetes bairdi	9	G11	20140987		2	38	2	000		whole
3	201401_162_199	Chionoecetes bairdi	9	H11	20140988		1	87	3	N/A		(L)
3	201401_162_199	Chionoecetes bairdi	9	A12	20140989		1	32	2	N/A		Whole
3	201401_162_202	Chionoecetes bairdi	9	B12	20140990		1	96	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	9	C12	20140991		2	71	3	415		(L)
3	201401_162_202	Chionoecetes bairdi	9	D12	20140992		1	87	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	9	E12	20140993		1	89	3	N/A		(L)

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)=Leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_202	Chionoecetes bairdi	9	√F12	20140994		1	95	2	N/A		(L) saved tissue in EtOH
3	201401_162_202	Chionoecetes bairdi	9	√G12	20140995		2	73	2	415		(L) microtube + stripTube
3	201401_162_202	Chionoecetes bairdi	9	√H12	20140996		2	74	3	416		(L) discarded frozen
3	201401_162_202	Chionoecetes bairdi	10	√A1	20141001		2	69	3	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√B1	20141002		2	82	3	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√C1	20141003		1	99	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√D1	20141004		2	65	2	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√E1	20141005		2	74	4	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√F1	20141006		1	97	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√G1	20141007		2	72	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√H1	20141008		2	76	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√A2	20141009		2	73	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√B2	20141010		2	73	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√C2	20141011		1	92	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√D2	20141012		2	69	3	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√E2	20141013		2	85	3	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√F2	20141014		1	99	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√G2	20141015		2	76	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	H2	20141016		2	80	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√A3	20141017		2	70	4	415		(L)
3	201401_162_202	Chionoecetes bairdi	10	√B3	20141018		2	74	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√C3	20141019		1	81	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√E3	20141021		1	89	2	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√F3	20141022		1	93	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√G3	20141023		2	31	2	000		whole
3	201401_162_202	Chionoecetes bairdi	10	√H3	20141024		2	38	2	000		whole
3	201401_162_202	Chionoecetes bairdi	10	√A4	20141025		2	77	3	416		(L)
3	201401_162_202	Chionoecetes bairdi	10	√B4	20141026		1	93	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√C4	20141027		1	107	2	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√D4	20141028		1	90	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√E4	20141029		1	104	3	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√F4	20141030		1	96	2	N/A		(L)
3	201401_162_202	Chionoecetes bairdi	10	√G4	20141031		2	76	3	415		(L)

√ QA/QC

(E) MAL 032615

(L)=Leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X Page No: 27

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_202	Chionoecetes bairdi	10	H4	20141032		2	81	2	415		(L) saved tissue in ETOH
3	201401_162_202	Chionoecetes bairdi	10	A5	20141033		1	95	3	N/A		(L) microtube + striptube
3	201401_162_202	Chionoecetes bairdi	10	B5	20141034		1	104	3	N/A		(L) discarded frozen
3	201401_162_202	Chionoecetes bairdi	10	C5	20141035		1	103	3	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	D5	20141036		2	31	2	000		Whole
3	201401_162_204	Chionoecetes bairdi	10	E5	20141037		2	83	2	415		(L)
3	201401_162_204	Chionoecetes bairdi	10	F5	20141038		2	82	2	415		(L)
3	201401_162_204	Chionoecetes bairdi	10	H5	20141040		2	33	2	000		Whole
3	201401_162_204	Chionoecetes bairdi	10	A6	20141041		2	75	2	000		(L)
3	201401_162_204	Chionoecetes bairdi	10	B6	20141042		2	38	2	000		Whole
3	201401_162_204	Chionoecetes bairdi	10	C6	20141043		2	73	2	000		(L)
3	201401_162_204	Chionoecetes bairdi	10	D6	20141044		2	85	2	001		(L)
3	201401_162_204	Chionoecetes bairdi	10	E6	20141045		1	96	2	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	F6	20141046		1	71	2	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	G6	20141047		2	86	2	415		(L)
3	201401_162_204	Chionoecetes bairdi	10	H6	20141048		2	48	2	000		Whole
3	201401_162_204	Chionoecetes bairdi	10	A7	20141049		1	73	2	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	B7	20141050		1	30	2	N/A		whole
3	201401_162_204	Chionoecetes bairdi	10	C7	20141051		1	71	2	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	D7	20141052		1	44	2	N/A	BCS+	whole
3	201401_162_204	Chionoecetes bairdi	10	E7	20141053		2	86	2	415		(L)
3	201401_162_204	Chionoecetes bairdi	10	F7	20141054		1	91	2	N/A		(L)
3	201401_162_204	Chionoecetes bairdi	10	G7	20141055		1	94	2	N/A		(L)
3	201401_162_205	Chionoecetes bairdi	10	H7	20141056		2	23	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	A8	20141057		2	34	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	B8	20141058		1	23	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	C8	20141059		1	44	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	D8	20141060		2	33	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	E8	20141061		2	49	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	G8	20141063		1	29	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	H8	20141064		2	32	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	A9	20141065		2	35	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	B9	20141066		2	34	2	000		Whole

(L) NBL 033015

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= Leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_205	Chionoecetes bairdi	10	C9	20141067		2	20	2	000		Whole saved tissue in EtOH
3	201401_162_205	Chionoecetes bairdi	10	D9	20141068		2	32	2	000		Whole microtube & strip tube
3	201401_162_205	Chionoecetes bairdi	10	E9	20141069		2	16	2	000		Whole discarded frozen
3	201401_162_205	Chionoecetes bairdi	10	F9	20141070		1	23	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	G9	20141071		1	33	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	H9	20141072		2	19	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	A10	20141073		1	23	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	C10	20141075		2	25	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	D10	20141076		1	18	2	N/A		Whole
3	201401_162_205	Chionoecetes bairdi	10	E10	20141077		2	19	2	000		Whole
3	201401_162_205	Chionoecetes bairdi	10	F10	20141078		2	20	2	000		Whole
3	201401_162_36	Chionoecetes bairdi	10	G10	20141079	3324						(L)
3	201401_162_36	Chionoecetes bairdi	10	H10	20141080	3328						Whole
3	201401_162_36	Chionoecetes bairdi	10	A11	20141081	3325						(L)
3	201401_162_36	Chionoecetes bairdi	10	B11	20141082	3336						(L)
3	201401_162_36	Chionoecetes bairdi	10	C11	20141083	3326						(L)
3	201401_162_36	Chionoecetes bairdi	10	D11	20141084	3327						(L)
3	201401_162_36	Chionoecetes bairdi	10	E11	20141085	3323						(L)
3	201401_162_36	Chionoecetes bairdi	10	F11	20141086	3337						(L)
3	201401_162_36	Chionoecetes bairdi	10	G11	20141087	3329						(L)
3	201401_162_36	Chionoecetes bairdi	10	H11	20141088	3330						(L)
3	201401_162_36	Chionoecetes bairdi	10	A12	20141089	3333						(L)
3	201401_162_36	Chionoecetes bairdi	10	B12	20141090	3334						(L)
3	201401_162_36	Chionoecetes bairdi	10	C12	20141091	3331						(L)
3	201401_162_36	Chionoecetes bairdi	10	D12	20141092	3332						(L)
3	201401_162_36	Chionoecetes bairdi	10	E12	20141093	3340						(L)
3	201401_162_36	Chionoecetes bairdi	10	F12	20141094	3335						(L)
3	201401_162_36	Chionoecetes bairdi	10	G12	20141095	3338						(L)
3	201401_162_36	Chionoecetes bairdi	10	H12	20141096	3339						(L)
3	201401_162_36	Chionoecetes bairdi	11	A1	20141101	3341						Whole
3	201401_162_36	Chionoecetes bairdi	11	B1	20141102	3342						(L)
3	201401_162_61	Chionoecetes bairdi	11	C1	20141103		2	37	2	000		Whole
3	201401_162_61	Chionoecetes bairdi	11	D1	20141104		2	79	3	416		(L)

(2) 033015 CAL

(L) = leg only

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
3	201401_162_61	Chionoecetes bairdi	11	E1	20141105		1	111	3	N/A		(L) Saved tissue in EtOH
3	201401_162_61	Chionoecetes bairdi	11	F1	20141106		1	96	3	N/A		(L) microtube + Stripvlbe
3	201401_162_61	Chionoecetes bairdi	11	G1	20141107		2	51	2	000		Whole discarded frozen
3	201401_162_61	Chionoecetes bairdi	11	H1	20141108		2	71	4	415		(L)
3	201401_162_61	Chionoecetes bairdi	11	A2	20141109		2	77	3	416		(L)
3	201401_162_61	Chionoecetes bairdi	11	B2	20141110		2	82	4	416		(L)
3	201401_162_61	Chionoecetes bairdi	11	C2	20141111		2	83	4	415		(L)
3	201401_162_61	Chionoecetes bairdi	11	D2	20141112		1	97	3	N/A		(L)
3	201401_162_61	Chionoecetes bairdi	11	E2	20141113		1	35	2	N/A		whole
3	201401_162_61	Chionoecetes bairdi	11	F2	20141114		2	64	2	000		(L)
3	201401_162_61	Chionoecetes bairdi	11	G2	20141115		1	89	3	N/A		(L)
3	201401_162_61	Chionoecetes bairdi	11	H2	20141116		1	107	3	N/A		(L)
3	201401_162_61	Chionoecetes bairdi	11	A3	20141117		1	51	2	N/A		whole
3	201401_162_61	Chionoecetes bairdi	11	B3	20141118		1	100	3	N/A		(L)
3	201401_162_61	Chionoecetes bairdi	11	C3	20141119		1	100	3	N/A		(L)
3	201401_162_61	Chionoecetes bairdi	11	E3	20141121		1	112	3	N/A		(L)
4	201401_162_61	Chionoecetes bairdi	11	F3	20141122		1	109	3	N/A		(L)
4	201401_162_61	Chionoecetes bairdi	11	G3	20141123		1	111	3	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	H3	20141124		1	66	2	N/A		check label & haul (L)
4	201401_162_128	Chionoecetes opilio	11	A4	20141125		2	54	2	415		(L)
4	201401_162_128	Chionoecetes opilio	11	B4	20141126		1	66	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	C4	20141127		1	69	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	D4	20141128		1	69	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	E4	20141129		1	57	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	F4	20141130		1	56	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	G4	20141131		1	63	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	H4	20141132		1	66	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	A5	20141133		1	56	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	B5	20141134		1	59	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	C5	20141135		1	57	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	D5	20141136		1	65	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	E5	20141137		2	48	2	000		whole
4	201401_162_128	Chionoecetes opilio	11	F5	20141138		1	67	2	N/A		(L)

✓ QA/QC

(2) 040215 CAL

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= Leg only Page No: 30

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_128	Chionoecetes opilio	11	H5	20141140		1	74	2	N/A		(L) saved tissue in EtOH
4	201401_162_128	Chionoecetes opilio	11	A6	20141141		1	57	2	N/A		(L) strip tube + microtube
4	201401_162_128	Chionoecetes opilio	11	B6	20141142		1	62	2	N/A		(L) discarded frozen
4	201401_162_128	Chionoecetes opilio	11	C6	20141143		1	64	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	D6	20141144		1	69	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	E6	20141145		1	51	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	F6	20141146		1	64	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	G6	20141147		1	64	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	H6	20141148		1	63	2	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	A7	20141149		1	67	3	N/A		(L)
4	201401_162_128	Chionoecetes opilio	11	B7	20141150		1	66	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	C7	20141151		1	78	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	D7	20141152		1	99	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	E7	20141153		2	67	2	000		(L)
4	201401_162_116	Chionoecetes bairdi	11	F7	20141154		1	77	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	G7	20141155		1	97	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	H7	20141156		1	102	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	A8	20141157		1	88	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	B8	20141158		1	77	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	C8	20141159		1	85	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	D8	20141160		1	110	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	E8	20141161		1	69	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	G8	20141163		1	77	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	H8	20141164		1	99	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	A9	20141165		2	52	2	000		Whole
4	201401_162_116	Chionoecetes bairdi	11	B9	20141166		1	102	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	C9	20141167		1	110	2	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	D9	20141168		1	103	3	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	E9	20141169		2	65	2	000		(L)
4	201401_162_116	Chionoecetes bairdi	11	F9	20141170		1	80	3	N/A		(L)
4	201401_162_116	Chionoecetes bairdi	11	G9	20141171		1	93	2	N/A		(L)
4	201401_162_139	Chionoecetes bairdi	11	H9	20141172		2	18	2	000		Whole
4	201401_162_139	Chionoecetes bairdi	11	A10	20141173		2	18	2	000		Whole

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= leg only Page No: 31

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_139	Chionoecetes bairdi	11	C10	20141175		2	37	2	000		whole saved tissue in ETOH
4	201401_162_139	Chionoecetes bairdi	11	D10	20141176		2	83	3	414		(L) microtube + stryptube
4	201401_162_139	Chionoecetes bairdi	11	E10	20141177		2	17	2	000		whole discarded frozen
4	201401_162_139	Chionoecetes bairdi	11	F10	20141178		1	110	3	N/A		(L)
4	201401_162_139	Chionoecetes bairdi	11	G10	20141179		2	19	2	000		Whole
4	201401_162_139	Chionoecetes bairdi	11	H10	20141180		1	36	2	N/A		Whole
4	201401_162_139	Chionoecetes bairdi	11	A11	20141181		1	33	2	N/A		Whole
4	201401_162_139	Chionoecetes bairdi	11	B11	20141182		2	35	2	000		whole
4	201401_162_139	Chionoecetes bairdi	11	C11	20141183		1	32	2	N/A		Whole
4	201401_162_173	Chionoecetes opilio	11	D11	20141184		1	59	2	N/A		(L)
4	201401_162_173	Chionoecetes opilio	11	E11	20141185		2	43	2	413		(L)
4	201401_162_173	Chionoecetes opilio	11	F11	20141186		2	45	2	000		(L)
4	201401_162_173	Chionoecetes opilio	11	G11	20141187		2	45	2	000		(L)
4	201401_162_173	Chionoecetes opilio	11	H11	20141188		2	49	3	416		(L)
4	201401_162_173	Chionoecetes opilio	11	A12	20141189		2	47	2	415		(L)
4	201401_162_173	Chionoecetes opilio	11	B12	20141190		1	50	3	N/A		(L)
4	201401_162_173	Chionoecetes opilio	11	C12	20141191		2	45	2	415		(L)
4	201401_162_173	Chionoecetes opilio	11	D12	20141192		2	47	2	416		(L)
4	201401_162_173	Chionoecetes opilio	11	E12	20141193		1	71	3	N/A		(L)
4	201401_162_173	Chionoecetes opilio	11	F12	20141194		2	47	2	000		(L)
4	201401_162_173	Chionoecetes opilio	11	G12	20141195		1	51	2	N/A		(L)
4	201401_162_173	Chionoecetes opilio	11	H12	20141196		1	57	3	N/A		(L)
4	201401_162_173	Chionoecetes opilio	12	A1	20141201		2	44	2	415		(L)
4	201401_162_173	Chionoecetes opilio	12	B1	20141202		1	63	2	N/A		(L)
4	201401_162_173	Chionoecetes opilio	12	C1	20141203		1	64	3	N/A		(L)
4	201401_162_173	Chionoecetes opilio	12	D1	20141204		1	20	2	N/A		whole
4	201401_162_173	Chionoecetes opilio	12	E1	20141205		1	57	2	N/A		(L)
4	201401_162_173	Chionoecetes opilio	12	F1	20141206		2	47	3	415		(L)
4	201401_162_173	Chionoecetes opilio	12	G1	20141207		1	53	2	N/A		(L)
4	201401_162_174	Chionoecetes opilio	12	H1	20141208		1	50	2	N/A		(L)
4	201401_162_174	Chionoecetes opilio	12	A2	20141209		2	47	2	000		(L)
4	201401_162_174	Chionoecetes opilio	12	B2	20141210		2	51	2	000		(L)
4	201401_162_174	Chionoecetes opilio	12	C2	20141211		1	55	2	N/A		(L)

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(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)=leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_174	Chionoecetes opilio	12	D2	20141212		2	47	4	416		(L) saved tissue in EtoH
4	201401_162_174	Chionoecetes opilio	12	E2	20141213		2	47	2	000		(L) microtube + stryptube
4	201401_162_174	Chionoecetes opilio	12	F2	20141214		1	64	2	N/A		(L) discarded frozen
4	201401_162_174	Chionoecetes opilio	12	G2	20141215		2	39	4	001		(L)
4	201401_162_174	Chionoecetes opilio	12	H2	20141216		2	47	3	414		(L)
4	201401_162_174	Chionoecetes opilio	12	A3	20141217		1	42	2	N/A		(L)
4	201401_162_174	Chionoecetes opilio	12	B3	20141218		2	42	3	416		(L)
4	201401_162_174	Chionoecetes opilio	12	C3	20141219		2	40	3	413		(L)
4	201401_162_174	Chionoecetes opilio	12	E3	20141221		2	46	3	413		(L)
4	201401_162_174	Chionoecetes opilio	12	F3	20141222		1	52	2	N/A		(L)
4	201401_162_174	Chionoecetes opilio	12	G3	20141223		2	41	3	416		(L)
4	201401_162_174	Chionoecetes opilio	12	H3	20141224		2	49	2	000		(L)
4	201401_162_174	Chionoecetes opilio	12	A4	20141225		2	46	2	000		(L)
4	201401_162_174	Chionoecetes opilio	12	B4	20141226		2	52	2	000		(L)
4	201401_162_174	Chionoecetes opilio	12	C4	20141227		2	49	3	415		(L)
4	201401_162_174	Chionoecetes opilio	12	D4	20141228		2	50	2	000		(L)
4	201401_162_26	Chionoecetes bairdi	12	E4	20141229	1857						(L)
4	201401_162_26	Chionoecetes bairdi	12	F4	20141230	1866						(L)
4	201401_162_26	Chionoecetes bairdi	12	G4	20141231	1853						(L)
4	201401_162_26	Chionoecetes bairdi	12	H4	20141232	1865						(L)
4	201401_162_26	Chionoecetes bairdi	12	A5	20141233	1854						(L)
4	201401_162_26	Chionoecetes bairdi	12	B5	20141234	1697						(L)
4	201401_162_26	Chionoecetes bairdi	12	C5	20141235	1852						(L)
4	201401_162_26	Chionoecetes bairdi	12	D5	20141236	1851						(L)
4	201401_162_26	Chionoecetes bairdi	12	E5	20141237	1860						(L)
4	201401_162_26	Chionoecetes bairdi	12	F5	20141238	1861						(L)
4	201401_162_26	Chionoecetes bairdi	12	H5	20141240	1855						(L)
4	201401_162_26	Chionoecetes bairdi	12	A6	20141241	1870						(L)
4	201401_162_26	Chionoecetes bairdi	12	B6	20141242	1859						(L)
4	201401_162_26	Chionoecetes bairdi	12	C6	20141243	1862						(L)
4	201401_162_26	Chionoecetes bairdi	12	D6	20141244	1863						(L)
4	201401_162_26	Chionoecetes bairdi	12	E6	20141245	1867						Whole
4	201401_162_26	Chionoecetes bairdi	12	F6	20141246	1868						(L)

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(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L= leg only) Page No: 33

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_26	Chionoecetes bairdi	12	G6	20141247	1869						(L) saved tissue in EtOH
4	201401_162_26	Chionoecetes bairdi	12	H6	20141248	1858						(L) strip tube + microtube
4	201401_162_26	Chionoecetes bairdi	12	A7	20141249	1698						(L) discarded frozen
4	201401_162_34	Chionoecetes bairdi	12	B7	20141250	2955						(L)
4	201401_162_34	Chionoecetes bairdi	12	C7	20141251	2941						(L)
4	201401_162_34	Chionoecetes bairdi	12	D7	20141252	2940						(L)
4	201401_162_34	Chionoecetes bairdi	12	E7	20141253	2942						whole
4	201401_162_34	Chionoecetes bairdi	12	F7	20141254	2943						whole
4	201401_162_34	Chionoecetes bairdi	12	G7	20141255	2936						(L)
4	201401_162_34	Chionoecetes bairdi	12	H7	20141256	2938						(L)
4	201401_162_34	Chionoecetes bairdi	12	A8	20141257	2948						whole
4	201401_162_34	Chionoecetes bairdi	12	B8	20141258	2949						whole
4	201401_162_34	Chionoecetes bairdi	12	C8	20141259	2935						(L)
4	201401_162_34	Chionoecetes bairdi	12	D8	20141260	2939						(L)
4	201401_162_34	Chionoecetes bairdi	12	E8	20141261	2950						whole
4	201401_162_34	Chionoecetes bairdi	12	G8	20141263	2958						(L)
4	201401_162_34	Chionoecetes bairdi	12	H8	20141264	2957						(L)
4	201401_162_34	Chionoecetes bairdi	12	A9	20141265	2956						(L)
4	201401_162_34	Chionoecetes bairdi	12	B9	20141266	2946						(L)
4	201401_162_34	Chionoecetes bairdi	12	C9	20141267	2937						(L)
4	201401_162_34	Chionoecetes bairdi	12	D9	20141268	2934						(L)
4	201401_162_34	Chionoecetes bairdi	12	E9	20141269	2944						(L)
4	201401_162_34	Chionoecetes bairdi	12	F9	20141270	2947						(L)
4	201401_162_57	Chionoecetes bairdi	12	G9	20141271	4609						(L)
4	201401_162_57	Chionoecetes bairdi	12	H9	20141272	4608						(L)
4	201401_162_57	Chionoecetes bairdi	12	A10	20141273	4606						(L)
4	201401_162_57	Chionoecetes bairdi	12	C10	20141275	4610						(L)
4	201401_162_57	Chionoecetes bairdi	12	D10	20141276	4617						(L)
4	201401_162_57	Chionoecetes bairdi	12	E10	20141277	4616						(L)
4	201401_162_57	Chionoecetes bairdi	12	F10	20141278	4620						whole
4	201401_162_57	Chionoecetes bairdi	12	G10	20141279	4612						(L)
4	201401_162_57	Chionoecetes bairdi	12	H10	20141280	4614						(L)
4	201401_162_57	Chionoecetes bairdi	12	A11	20141281	4619						whole

(P) 040915 CAL

(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= leg only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_57	Chionoecetes bairdi	12	B11	20141282	4611						(L) saved tissue in EtoH
4	201401_162_57	Chionoecetes bairdi	12	C11	20141283	4613						(L) strip tube + microtube
4	201401_162_57	Chionoecetes bairdi	12	D11	20141284	4607						(L) discarded frozen
4	201401_162_57	Chionoecetes bairdi	12	E11	20141285	4621						whole
4	201401_162_57	Chionoecetes bairdi	12	F11	20141286	4615						(L)
4	201401_162_57	Chionoecetes bairdi	12	G11	20141287	4618						(L)
4	201401_162_57	Chionoecetes bairdi	12	H11	20141288	4625						(L)
4	201401_162_57	Chionoecetes bairdi	12	A12	20141289	4622						(L)
4	201401_162_57	Chionoecetes bairdi	12	B12	20141290	4623						(L)
4	201401_162_57	Chionoecetes bairdi	12	C12	20141291	4624						(L)
4	201401_162_60	Chionoecetes bairdi	12	D12	20141292		2	49	2	000		whole
4	201401_162_60	Chionoecetes bairdi	12	E12	20141293		2	77	4	416		(L)
4	201401_162_60	Chionoecetes bairdi	12	F12	20141294		2	79	4	415		(L)
4	201401_162_60	Chionoecetes bairdi	12	G12	20141295		2	78	3	416		(L)
4	201401_162_60	Chionoecetes bairdi	12	H12	20141296		2	72	4	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	A1	20141301		2	46	2	000		whole
4	201401_162_60	Chionoecetes bairdi	13	B1	20141302		2	84	3	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	C1	20141303		2	80	3	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	D1	20141304		1	108	3	N/A		(L)
4	201401_162_60	Chionoecetes bairdi	13	E1	20141305		2	80	3	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	F1	20141306		2	84	4	001		(L)
4	201401_162_60	Chionoecetes bairdi	13	G1	20141307		2	75	4	415		(L)
4	201401_162_60	Chionoecetes bairdi	13	H1	20141308		2	75	4	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	A2	20141309		2	81	3	416		(L)
4	201401_162_60	Chionoecetes bairdi	13	B2	20141310		2	43	2	000		whole
4	201401_162_60	Chionoecetes bairdi	13	C2	20141311		1	51	2	N/A		whole
4	201401_162_60	Chionoecetes bairdi	13	D2	20141312		2	46	2	000		whole
4	201401_162_60	Chionoecetes bairdi	13	E2	20141313		1	58	2	N/A		whole
4	201401_162_60	Chionoecetes bairdi	13	F2	20141314		2	53	2	000		whole
4	201401_162_60	Chionoecetes bairdi	13	G2	20141315		2	78	4	416		(L)
4	201401_162_56	Chionoecetes bairdi	13	H2	20141316	4463						~~3 crab loose in bag~~ (L)
4	201401_162_56	Chionoecetes bairdi	13	A3	20141317	4464						(L)
4	201401_162_56	Chionoecetes bairdi	13	B3	20141318	4462						(L)

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(freezer) **2014 EBS Index Station Crab Samples** Frozen into Ethanol: Microtube & DNA X (L)= Log only

BOX	C_V_H	Species_Name	Plate	Well	SPNO	ReferenceNO	Sex	Size	Shell Co	Clutch	ANOMID	Collection_Comments
4	201401_162_56	Chionoecetes bairdi	13	C3	20141319	4466						(L) saved tissue in EtOH
4	201401_162_56	Chionoecetes bairdi	13	E3	20141321	4465						(L) strip tube + microtube
4	201401_162_56	Chionoecetes bairdi	13	F3	20141322	4468						(L) discarded frozen
4	201401_162_56	Chionoecetes bairdi	13	G3	20141323	4469						(L)
4	201401_162_56	Chionoecetes bairdi	13	H3	20141324	4467						(L)
4	201401_162_56	Chionoecetes bairdi	13	A4	20141325	4470						(L)
4	201401_162_56	Chionoecetes bairdi	13	B4	20141326	4473						(L)
4	201401_162_56	Chionoecetes bairdi	13	C4	20141327	4471						(L)
4	201401_162_56	Chionoecetes bairdi	13	D4	20141328	4476						(L)
4	201401_162_56	Chionoecetes bairdi	13	E4	20141329	4472						(L)
4	201401_162_56	Chionoecetes bairdi	13	F4	20141330	4478						(L)
4	201401_162_56	Chionoecetes bairdi	13	G4	20141331	4481						(L)
4	201401_162_56	Chionoecetes bairdi	13	H4	20141332	4461						(L)
4	201401_162_56	Chionoecetes bairdi	13	A5	20141333	4479						(L)
4	201401_162_56	Chionoecetes bairdi	13	B5	20141334	4477						(L)
4	201401_162_56	Chionoecetes bairdi	13	C5	20141335	4474						(L)
4	201401_162_56	Chionoecetes bairdi	13	D5	20141336	4480						(L)
4	201401_162_56	Chionoecetes bairdi	13	E5	20141337		2	75	3	414		Whole - loose in bag
4	201401_162_56	Chionoecetes bairdi	13	F5	20141338		2	76	3	414		whole - loose in bag
4	201401_162_56	Chionoecetes bairdi	13	H5	20141340		2	76	3	414		whole - loose in bag
~~4~~ 1	201401 ~~162 56~~ 94 215	Chionoecetes bairdi	13	A6	20141341		2	33	2	000		whole
~~4~~ 1	201401 ~~162 56~~ 94 215	Chionoecetes bairdi	13	B6	20141342		1	46	2	N/A		whole
1	201401_94_215	Chionoecetes bairdi	13	C6	20141343		1	30	2	N/A		whole
1	201401_94_215	Chionoecetes bairdi	13	D6	20141344		1	41	2	N/A		whole
1	201401_94_215	Chionoecetes bairdi	13	E6	20141345		1	24	2	N/A		whole
1	201401_94_215	Chionoecetes bairdi	13	F6	20141346		2	32	2	000		whole
1	201401 ~~94 215~~ 94 168	Chionoecetes bairdi	13	G6	20141347		2	42	2	000	BCS +	whole - (NR) 7/23/14 A. Hopkins
~~1~~	~~201401 94 215~~ 201401 94 168	~~Chionoecetes bairdi~~	~~13~~	~~H6~~	~~20141348~~							haul 168 boat?
~~1~~	~~201401_94_215~~	~~Chionoecetes bairdi~~	~~13~~	~~A7~~	~~20141349~~							
			~~13~~	~~B7~~	~~20141350~~	DONE!						
			~~13~~	~~C7~~	~~20141351~~							
			~~13~~	~~D7~~	~~20141352~~							
			13	~~E7~~	~~20141353~~							

NOAA/QC

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