













DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out							
27		001		074		809		18		6346			16728			0016			0016												

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Dis-tance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Per-formance		Soulder Vol.	Trans.								
09		16		063					051							230		170		000											

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Gard Type									
						0									
21720		1510				1									
10285		210				21									
10260		210				21									
21110		610				121									
23000		510				1									
21710		510				1									
80000		110				1									

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Gard Type									







DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out							
27		0010		94		80		92		155128			16659			0075			0075												
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounder Vol.	Trans.								
10		20		042					001							250170		00													

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card Type									
						0									
2 17:2:0				2 10		2 1									
2 17:4:0				8 10		8 1									
1 0:1:1:0				7 5:0		7 5 1									
1 0:2:1:0				2 5:0		2 5 1									
0 0:4:0:0				4 0:0		4 1									
6 8 5 5:0				2 4:0		1 2 1									
7 8 0 1:0				5 0		1 1									

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card Type									



DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out					
27		001111		48		09		28		541151				664400				055005			55										
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounding Vol.	Trans.							
09		18		064						054							250		170		00										

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card Type			
												0			
10120				450				211				1			
10110				250				25				1			
10130				1500								1			
10260				1500								1			
21720				30				3				1			
21740				10				1				1			
68000				360				18				1			

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card Type			



DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.			Haul No.		Year	Month		Day		Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out					

2 7 0 0 1 1 3 4 8 1 0 0 1 5 5 3 5 1 6 1 2 0 0 0 3 5 0 0 3 5

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounder Vol.	Trans.							
1 0		1 8		0 7 7						0 0 1					2 5		0 1 7 0		0 0												

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Code			
6 9 3 2 2				1 5 1 5 1 0				1 1 0 3 1				0			
6 8 5 5 0				1 3 0 1 0				1 1 5 1				1			
6 6 0 3 1				1 5 0								1			

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Code			

DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel	Cruise No.			Haul No.		Year	Month	Day	Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out								

27 001 1448 1001 5536 1610000140014

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope	RPM	Gear Type		Rigging and Fishing		Performance		Sounder	Trans.									
1530										001					25017000																

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			
												0			
69322				2860				581				1			
10210				500								1			
10260				500								1			
10285				50								1			
10120				160				141				1			
68550				280				141				1			

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			

DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out							
2700		1154		89		10		00		6		ST653			1534			5001			7003			214							
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover		Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounding Vol.	Trans.							
10									0018						250		170		00												

55	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card type										
110	220	360	112	1		0										
211	710	10	13	1		1										
110	2150	10	12	1		1										
211	220	20	12	1		1										
201	5110	140	17	1		1										
110	2110	80	18	1		1										
010	3110	60	13	1		1										
001	400	50	11	1		1										
110	120	70	11	1		1										
618	020	110	10	1		1										
211	300	50	1	1		1										
810	010	110	11	1		1										
911	010	110	11	1		1										

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card type									





DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out							
27001		117		48		10		05		57		10153			20			2065			0065			11							
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover		Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounding		Trans.						
10															250		170		00												

55	65	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card type									
							0								
110	211	10			115	10	1101								
110	113	0			115	10	1101								
211	74	10			110	10	151								
110	218	15			140	10	1201								
211	71	20			127	10	191								
231	010	10			15		151								
211	310	10			120	10	1201								
310	016	10			160	10	1201								
616	010	10			120		1401								
681	010	10			114	10	171								
231	212	20			180		111								

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card type									





DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.			Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out						
27		001			20		48		10		09		5705			1521			3004			3004			312						
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Lapsed time		Dis-tance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Per-formance		Squid Vol.	Trans.								
10																2501		7000													

55	65	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight			Number		Card Type								
							0								
1101120		181810			111		1								
6510120		40			121		1								
21171210		61810			211		1								
2117140		4010			210		1								
30101610		91010			310		1								
11011310		4010			510		1								

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight			Number		Card Type								

DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out					
27		001		2148		10		09		57		1111				15208				0042			0043			14					
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
lapsed time		Dis-tance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover		Scope		RPM		Gear Type		Rigging and Fishing		Perfor-mance		Soudger VOL.	Trans.						
10										052								250		170		00									

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card Type									
						0									
21720		1750		115		1									
618020		20		11		1									
618000		1160		110		1									
101130		800		1100		1									
101220		60		12		1									
003110		40		12		1									
21740		1100		51											

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight		Number		Card Type									





DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel	Cruise No.	Haul No.	Year	Month	Day	Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out													

2 7 0 0 1 2 3 4 8 1 0 5 7 5 1 1 5 1 5 0 0 0 3 5 0 0 3 5

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time	Distance fished	Bottom Temp. °C		Salinity ‰			Bottom type	Cloud cover	Scope	RPM	Gear Type	Rigging and Fishing	Perfor- mance	Sounder Vol.	Trans.																
1 0	2 0	0	7	2				0	5	2											2	5	0	1	7	0	0	0			

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species	Weight		Number		Card type										
1 0 1 2 0	7 0		2 1		0										
1 0 2 1 0	4 0		4 1												

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species	Weight		Number		Card type										





DEMERIAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out					
27		001		2648		10		13		5749				15157				0060			00060										
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Squid vol.	Trans.							
10		20		070						074							250		170		00										

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species					Weight					Number					Card Type
102110					1000					1					0
10130					1000					1					1
10110					200					1					1
217210					200					1					1
68550					4000					2001					1

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species					Weight					Number					Card Type



DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.		Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out							
27		001		28		48		10				5757			15158			0044			0108										

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounder Vol.	Trans.								
15		30		058					054							250		170		00											

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card			
685510				20000				10000				0			
10130				10000								1			
10210				10000								1			
20510				50								1			
21720				50								1			
74100				50								1			
30590				600				601							
10110				3000				3001							

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card			

DEMERALS FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel	Cruise No.			Haul No.		Year	Month	Day	Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear out								
27	00	12	94	81	0				57	56	15	15	50	04	00	40	00	40													

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time	Dis- tance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Per- for- mance		Sounder Vol.	Trans.								
08	16	06	8							05	2											25	0	17	0	0	0				

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight				Number				Card type					
69		32.2				55.0				111					
68		5.50				5.00				251					
74		10.0				2.0				1					
10		12.0				5.0				1					
21		7.20				5.0				1					
10		13.0				17.50				1					
10		21.0				17.50				1					

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species		Weight				Number				Card type					



DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.			Haul No.		Year		Month		Day		Latitude				Longitude				Bottom depth min.			Bottom depth max.			Time gear cut				
27		001			30		48		10				5735				15156				0060			0060							
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Distance fished		Bottom Temp. °C		Salinity ‰				Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Performance		Sounder vol.	Trans.							
10		20		065						052							250		170		00										

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			
68550				1000				501				0			
21720				500				501							
20510				40				41							
74100				10				1							
10130				250				1							
10210				250				1							
21300				50				1							

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			

DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel	Cruise No.	Haul No.	Year	Month	Day	Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out													

2 7 0 0 1 3 1 4 8 1 0 5 7 2 6 1 5 1 0 2 0 0 4 4 0 0 4 4

33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time	Distance fished	Bottom Temp. °C		Salinity ‰				Bottom type	Cloud cover	Scope	RPM	Gear Type	Rigging and Fishing	Performance	Sounder Vol.	Trans.															
1 0	2 0	0 6	4					0 6	4			2 5	0 1	7 0	0 0																

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species	Weight		Number	Card type											
1 0 1 3 0	2 0 0 0			0											
1 0 2 1 0	2 0 0 0			1											
2 3 2 2 0	1 5 0		1 1	1											
2 3 2 3 5	1 0 0		1 1	1											
1 0 1 2 0	1 0 0			1											
2 1 7 2 0	4 2 0		4 2	1											
6 9 3 2 2	5 0		1 1	1											
6 8 5 5 0	1 0 0			1											
2 1 3 0 0	1 0 0			1											

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species	Weight		Number	Card type											

DEMERSAL FORM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Vessel		Cruise No.			Haul No.		Year		Month		Day		Latitude			Longitude			Bottom depth min.			Bottom depth max.			Time gear out						
27		001			32		48		10				5736			15140			0044			0044									
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Elapsed time		Dis- tance fished		Bottom Temp. °C		Salinity ‰			Bottom type		Cloud cover	Scope		RPM		Gear Type		Rigging and Fishing		Per- for- mance		Soulder Vol.	Trans.								
10		20		070					051							250		170		000											

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			
10130				8500								0			
10210				8500								1			
10170				3000								1			
10120				550								11			
23220				100								11			
21720				100								1			
21300				50								1			
68550				100								1			

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Species				Weight				Number				Card type			