### Appendix 2.1: Sample Selection for vessels by segment & region

148

206

276

Appendix 2.1.1 Sample composition in relation to population of vessels in the group by segment and region: Group 1 - vessels accepting decommissioning. The average of the VCUs of each sub-group of the whole population compared to the average of the VCUs of the sample. Where significant differences occurred (p=0.05) between the means this is indicated by "-" where the sample mean is lower and by "+" where the sample mean is higher. See Chapter 2 for explanation.

SEGMENT A B C/E D	Overall count	Overall avg	Sample	Sample avg	Signific	Overall count	Overal 151	3	Sample avg	Signific	8 Overall count	Overall avg	Sample		Signific	Overall count	Overall avg	Sample	Sample avg	Signific	Dverall count		Sample	Sample avg	Signific	Overall count	0verall avg	Sample count	Sample avg	Signific	B Overall count	77.4 338	Sample count
F						1	83.2		004																	1	65.4		470			159	6
G						1	204 117	2	204		1	240				2	152				2	74.7				3 17	_	1	179 78		3	428 201	10
I I						1	77.5	1	77.5		- 1	240					152					81.3				3		1	120	-	3	94.6	10
J							77.0		77.0		1	309										01.0				1	83.3		120		$\neg \neg$	37.0	
X						1	88.5					000															00.0				3	153	
Region	7					8					9					10					11					12					13		
SEGMENT	Overall count	Overall avg	Sample	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count
Α	8	273	4	244																											لـــــا	ш	
B						2					1	178				1	210	1	210		1	167				20		13					
C/E	14	239				28		11	168		6	120	3	119		40	121	18	128		20	110	8	127		54		32	183		17		5
ט	44	200	21	195		5	170	2	172		0	05.0				1	113		450		_	70.4				1	87.1		407		14	_	6
G	2	174	- 4	152				-			2	95.9 165		<u> </u>		14 16	175 138	9				78.4 93.6				15 2	94.1 154	5 2			5	54.5 60.3	2
1(3	. /	1/4	1 1	1.57				1	ı		11	เกร	ı	1	l	เป็น	1.38	9	14/			1 4.1 h	ı				1.54		154		In:	DU 31	.31

78.4

109

116

86

2 88.4

1 52.7

1

92

3 89.9

3 85.4

1 52.7

1 78.4

5 104

2 94.7

7 89.8

2 72.5

1 79.8

8 74.1

3 67.8

2 66.3

6 74.8

2 76.4

1 67.9

4 60.4

4 70.9

4 91.4

4 55.9

Appendix 2.1.2 Sample composition in relation to population of vessels in the group by segment and region: Group 2 - vessels rejected because their bids were to high. The average of the VCUs of each sub-group of the whole population compared to the average of the VCUs of the sample. Where significant differences occurred (p=0.05) between the means this is indicated by "-" where the sample mean is lower and by "+" where the sample mean is higher. See Chapter 2 for explanation.

Reg	gion	0					1					2					3					4	Ĭ				5		Î			6		
SEG	GMENT	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count
Α																																		
В							1	925	1	925		1	442				2	205																
C/E							8	252	3	175		38		13			3	412	1	113		4	283	2	346		6	263	1	137		1	535	
D							11	120	3	104		6	186	4	166							3	206	2	185		23	142	13	140		9	145	5
F																																		
G																	1	132									1	144				1	177	
Н												1	548				1	103	1	103							5	157	3	155				
I							1	86.9	1	86.9												3	91.4	1	89.4		1	165						
J												1	246																			1	118	
Χ							1	228																										
Re	gion	7					8					9					10					11					12					13		
		-					+															-										-		
SEG	GMENT	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count
SEG A	GMENT	م Overall coun	S Overall avg	Sample count	<u>0</u>	Signific	Overall coun	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Φ	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall coun	Overall avg	Sample count	<u>e</u>	Signific	Overall count	Overall avg	Sample count	Φ	Signific	Overall coun	Overall avg	Sample count
_	SMENT		Overall		Sample	Signific	Overall coun	Overall avg	Sample	Sample avg	Signific	Overall count	645 Overall avg	Sample count	Φ	Signific	ο Overall count	Overall	Sample count	Sample avg	Signific	Overall coun	Overall avg	Sample count	Sample avg	Signific	ص Overall count	Overall avg	Sample count	Sample avg		Overall coun	Overall avg	Sample count
Α			Overall		Sample	Signific	Dverall coun	Overall	Sample count	Sample avg	Signific	Overall count	579	Sample count	Samble 579	Signific	Overall	Overall		Sample		Overall coun		Sample count	Sample		Overall	Overall	Sample count	Sample 131	-	ω Overall coun	Overall avg	Sample
A B		5	628 Overall	3	Sample 314	Signific	Overall	Overall			Signific	1	579	1	Samble 579	Signific	o Overall	Overall	3	Sample 84					Sample		ο Overall	Overall 0	4	Sample 131	- -			Sample count
A B C/E		5 11	329 Overall 281	3	314 273	Signific	Overall	Overall	6	212	Signific	1	579	1	Samble 579	Signific	o Overall	Overall	3	Sample 384 108	-	11			Sample		Overall 9	Overall 213	4	Sample 131 170	- - +	3 7 1	164 151 74.3	Sample 1 count
A B C/E D F G		5 11	329 Overall 281	3	314 273 189	Signific	Overall	Overall	6	212	Signific	1	579 205	1	Samble 579	Signific	o Overall	0verall	3	384 108	-	11	113		Sample 132		9 29 3	329 213 153	4 15 2	131 170 185 125 173	- - +	3 7 1	164 151	Sample count
A B C/E D		11 46	329 281 189	3 3 16	314 273 189	Signific	Overall	Overall	6	212	Signific	1	579 205 123	1	Samble 579	Signific	0 Overall	0 349 204 284	3 4	384 108	-	11	113		Sample 132		9 29 3 2	329 213 153 125	4 15 2	131 170 185 125	- - +	3 7 1	164 151 74.3	Sample count
A B C/E D F G		11 46	329 281 189	3 3 16	314 273 189	Signific	Overall	Overall	6	212	Signific	1	579 205 123 161	1	Sample 579 151	Signific	0 Overall	349 204 284 168	3 4	384 108 110 148	-	11	113		Sample 132		9 29 3 2	329 213 153 125 173	4 15 2	131 170 185 125 173	- - +	3 7 1	164 151 74.3	Sample 1 4 count
A B C/E D F G		11 46	329 281 189	3 3 16	314 273 189	Signific	Overall	Overall	6	212	Signific	1	579 205 123 161	1	Sample 579 151	Signific	0 Overall	349 204 284 168	3 4	384 108 110 148	-	11	113		Sample 132		9 29 3 2	329 213 153 125 173	4 15 2	131 170 185 125 173	- - +	3 7 1	164 151 74.3	Sample 1 4 count

Note: A=Pelagic, B=Beam trawl, C/E=demersal trawl / seine, D=nephrops, F=Lines & nets, G= Shell mob, H=Shell fixed, I=Distant water, J=Non active, X=other
1= East Scotland (Eyemouth - Arbroath), 2=N.E. Scotland (Abroath-Lossiemouth), 3=Shetland, 4=Eastern Highland (Lossiemouth-Scrabsterinc Orkney), 5=Western Highlands & Islands, 6=South
West Scotland (Campbeltown to Kirkudbright), 7=N.Ireland, 8=N.W England (Maryport - Hoylake), 9=Wales, 10=S.W. England (Bristol Ch-Plymouth), 11=S.E
England (Poole-Dover), 12=East
England (Thames - Whitby), 13=N.E. England (Redcar-Holy Is.)

Appendix 2.1.3 Sample composition in relation to population of vessels in the group by segment and region: Group 3 - vessels withdrawing from decommissioning. The average of the VCUs of each sub-group of the whole population compared to the average of the VCUs of the sample. Where significant differences occurred (p=0.05) between the means this is indicated by "-" where the sample mean is lower and by "+" where the sample mean is higher. See Chapter 2 for explanation.

Region	0					1					2	arr rs				3					4	IIIgii				5		Ì			6		
SEGMENT	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count
A B																																	
C/E											4	348	4	348		2	202				2	180	1	201									
D						1	72.5				3	177	2	180												2	150	1	202		1	94.7	
F																																	
G												004		004																	1	251	1
H											1	201	1	201																			
3																																	
Region	7					8					9					10					11					12					13		
SEGMENT	Overall count	Overall avg	Sample count		Signific	ω Overall count	Overall avg	Sample count	Sample avg	Signific	ω Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample	Sample avg	Signific	Overall count	Overall avg	Sample count
SEGMENT A	L Overall count	98 Overall avg	Sample count	Sample avg		count	Overall avg	Sample count	Sample avg		-	Overall avg	Sample	Sample avg		count	Overall avg	Sample count	Sample avg		count	Overall avg	Sample count	Sample avg		count	Overall	Sample				Overall avg	Sample
SEGMENT A	7 Overall count	695 Overall	Sample 1 count	Sample 269		count	Overall	Sample			-	Overall avg	Sample	Sample avg		count	Overall avg	Sample count	Sample avg		Overall count		Sample	Sample	Signific	count	Overall	4	596		Overall count		Sample
SEGMENT A B C/E	7 Overall count	269 336	Sample L count	269 336	Signific	count	Overall avg	Sample	Sample avg		-	Overall avg	Sample	Sample avg		count	Overall avg	Sample count	Sample avg		Overall count	97.5 Overall avg	Sample count	Sample avg	Signific	count	Overall	Sample count			Overall count	173	Sample count
SEGMENT A	7 Overall count 4	695 Overall	Sample 1 count	Sample 269	Signific	count	Overall	Sample count			-	Overall avg	Sample	Sample avg		count	Overall avg	Sample count	Sample	Signific	Overall count		Sample count	Sample	Signific	count	Overall 199	4 3	596 198	Signific	Overall count		Sample count
SEGMENT A B C/E D F	7 7 Overall count 4 2	269 336 200	Sample Count	269 336 216	Signific	count	Overall	Sample count			-	Overall avg	Sample	Sample avg		Overall count	Overall		Sample	Signific	Overall count		Sample count	Sample	Signific	count	Overall	4 3	596	Signific	Overall count	173	Sample count
SEGMENT A B C/E D	1 4	269 336 200	Sample Count	269 336 216	Signific	count	Overall	Sample			-	Overall avg	Sample	Sample avg		Overall count	Overall		Sample	Signific	Overall count		Sample count	Sample	Signific	count	596 199 84.6 219	4 3	596 198 84.6	Signific	ω Overall count	173 159	Sample count
SEGMENT A B C/E D F	1 4	269 336 200	Sample Count	269 336 216	Signific	count	Overall	Sample count			-	Overall avg	Sample	Sample avg		Overall count	Overall		Sample	Signific	Overall count		Sample count	Sample	Signific	count	596 199 84.6	4 3	596 198	Signific	ω Overall count	173	Sample count

Appendix 2.1.4 Sample composition in relation to population of vessels in the group by segment and region: Group 4 - vessels not applying for decommissioning. The average of the VCUs of each sub-group of the whole population compared to the average of the VCUs of the sample. Where significant differences occurred (p=0.05) between the means this is indicated by "-" where the sample mean is lower and by "+" where the sample mean is higher. See Chapter 2 for explanation.

Region	0					1	ĺ				2					3				amp	4		- 6			5 S					6				
region			ŧ			. #		ŧ					ŧ			-		ŧ			<del>-</del>		ŧ					ŧ					Jt.		
	Overall count	avg	count	avg		count	٧g	Sample count	avg		count	avg	Sample count	avg		count	avg	Sample count	avg		count	avg	Sample count	avg		Overall count	٧g	Sample count	avg		Overall count	٧g	count	avg	
	all c	all a	e c	<u>e</u>	. <u>0</u>	S II C	Overall avg	o e	Sample avg	<u>.</u> 2	all c	all a	o ele	Sample avg	.ט	)   C	a	e o	Sample avg	. <u>0</u>	= C	= a	ole c	Sample avg	.≌	°	Overall avg	e e	e s	<u>.</u> 2	o II c	Overall avg	ole c	e e	.⊵
	/era	Overall	Sample	Sample	Signific	Overall	/era	mp	m	Signific	Overall	Overall	ımp	l m	Signific	Overall	Overall	l m	ımp	Signific	Overall	Overall	ımp	ımp	Signific	/era	/era	l m	Sample	Signific	/era	/era	Sample	Sample	Signific
SEGMENT					Ö	Ó			_	Ö			Se		Ö	Ó	Ó			Ś	Ó	Ó		Se	Ś	Ó		Š	Š	Ś	Ó				Ś
Other	51	337	3	659		1	188				10	415	2	347			4.40.4	0				4070	0	1070		1	173	0			1	77.4	0		
A			0				500	0			33	953	22	1071		9	1404		1308		1	1679	1 0	1679		1	675	0					0		
B C/E	15	400	0			56	509 270	10			13 292	933 329	49	1005 329		39	328	0	296		8	263	3	256		16	295	0	188		13	338	2		
D D	10	193 107	0			41	116	7	103		35	208	49 5	206		39	116				0	116	0			66	136	8		-	52	159	6	150	_
F	<i>3</i>	159	0			41	110	0				88.5	0			1	85.2					110	0			5	178	0	119		13	428	4	401	
G	3	140	0					0			12	177	0			12							0			11	160	4	162		32	201	10		
Н	5	151	0			6	79.3	١	78.6		9	104	2	102		5	_				6	112	0				90.8	13			6	94.6	0		-
ī	Ŭ	101	0			Ŭ	70.0	0				101	0	-		Ŭ	00.0	0			Ť		0			- 0	00.0	0	00.2		Ů	0 1.0	0		
J	27	121	0			2	80.4	0			22	345	6	420	+	3	183				2	80.3	0			3	76.3	0			5	153	0		
X	2	86	0			1	82.7	0			1	78.5	0					0					0			2	106	0			3	76	0		
Region	7					8					9					10					11					12					13				
Region	7 t		rut			-		ınt			-		ınt			-		tur					ınt					tu.					ınt	6	
Region	7 tunos	avg	count	avg		-	avg	count	avg		-	avg	count	avg		-	avg	count	avg			gvs	count	avg			avg	count	avg			avg	count	avg	
Region	all count	all avg	ole count	ole avg		-	all avg	ole count	ole avg		count	all avg	ole count	ole avg		count	all avg	ole count	ole avg		count	all avg	ole count	ole avg	fic	count	all avg	ole count	ole avg			all avg	ole count	ole avg	lic
	verall count	verall avg	ample count	ample avg		-	verall avg	ample count	ample avg		count	verall avg	ample count	ample avg		count	verall avg	ample count	ample avg		count	verall avg	ample count	ample avg	gnific	count	verall avg	ample count	ample avg			verall avg	ample count	ample avg	gnific
SEGMENT	Overall count		Sample	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall	Sample count	Sample avg	Signific	Overall count	Overall	Sample count	Sample avg	Signific		Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample count	Sample avg	Signific	Overall count	Overall avg	Sample	Sample	Signific
	Overall count	166	Sample	Sample		Overall count	S. Overall avg	0			count	ର Overall avg	0			Overall count	Overall 122	0			count	161	0		Signific	Overall count	85.9	0	Sample	Signific		다 Overall avg	Sample	Sample	Signific
SEGMENT Other A	Overall count	166 629	Sample	Sample 1393		Overall count	89.2	0			Overall count	145 Overall				Overall count	0 122 176	0	249	Signific	overall count الم	161 152	0			o o Overall count	85.9 1785	0 3	Sample 000	+ Signific			Sample	Sample	Signific
SEGMENT Other A B	9 7 4	166 629 757	Sample	1393 757		Overall count	89.2 139	0 0			Overall count	341 Overall	0 0 1	984		9 Coverall count	122 176 372	0 1 28	249 415	Signific	G Overall count	161 152 244	0 0 4	113		2 c Overall count	85.9 1785 474	0 3 26	2900 720	+ Signific	Overall count	135	Sample	Sample	Signific
SEGMENT Other A B C/E	9 7 4 35	166 629 757 332	Samble 2 4 4	1393 757 341		Overall count	139 137	0 0 0 3	127		Overall count	145 Overall	0 0 1 8	984 448		Overall count	122 176 372 231	0 1 28 11	249 415 229	Signific	overall count الم	161 152	0 0 4 10	113 130		S 5 5 Overall count	85.9 1785 474 182	0 3	Sample 000	+ Signific	الم Overall count	135 154	Sample o o	Samble 210	Signific
SEGMENT Other A B	9 7 4	166 629 757 332 185	0 2 4 4 4	1393 757 341		Overall count	139 137 129	0 0 0 3	127		25 Overall count	341 482 405	0 0 1	984 448		3 Overall count	122 176 372 231 351	0 1 28 11	249 415 229	Signific	2 Overall count	161 152 244 117	0 0 4	113 130		2 6 6 0 Overall count	85.9 1785 474 182 125	0 3 26 22 0	2900 720 260	+ + Signific	Overall count	135 154 119	Sample Sample	Sample 210 132	Signific
SEGMENT Other A B C/E D	9 7 4 35	166 629 757 332 185 227	9dubes 0 2 4 4 13	1393 757 341		Overall count	139 137 129 160	0 0 0 3 0	127		Overall count	341 482 405 433	0 0 1 8 0 7	984 448 474		3 5 68 94 2 56	122 176 372 231 351 189	0 1 28 11 0 7	249 415 229 189	+ Signific	3 Overall count	161 152 244 117 93.2	0 0 4 10 0 4	113 130		5 5 5 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	85.9 1785 474 182 125 122	0 3 26	2900 720 260	+ + Signific	1 Overall count	135 154 119 86	Sample   Sample	210 132 61.4	Signific
SEGMENT Other A B C/E	9 7 4 35 48 1 6	166 629 757 332 185 227 135	9dwbS 0 2 4 4 13 0	1393 757 341 186	Signific	Overall count	139 137 129	0 0 3 0 0	127		25 Overall count	341 482 405 433 215	0 0 1 8 0 7	984 448 474		3 5 68 94 2 56 10	122 176 372 231 351 189 268	0 1 28 11 0 7 4	249 415 229 189 348	+ Signific	2 Overall count	161 152 244 117 93.2 210	0 0 4 10 0 4	113 130 97.9	-	2 Overall count	85.9 1785 474 182 125 122 103	0 3 26 22 0	2900 720 260	+ + Signific	1 Overall count 2	135 154 119 86 124	Sample Sample	210 132 61.4	Signific
SEGMENT Other A B C/E D	9 7 4 35 48 1 6	166 629 757 332 185 227	9dwbS 0 2 4 4 13 0	1393 757 341	Signific	Overall count	139 137 129 160	0 0 0 3 0	127		25 Overall count	341 482 405 433	0 0 1 8 0 7	984 448 474		3 5 68 94 2 56	122 176 372 231 351 189 268	0 1 28 11 0 7 4	249 415 229 189 348 158	+ Signific	3 Overall count	161 152 244 117 93.2	0 0 4 10 0 4	113 130	-	5 5 5 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	85.9 1785 474 182 125 122 103 112	0 3 26 22 0 8 0 4	2900 720 260 174	+ + Signific	1 Overall count 2	135 154 119 86	Sample   Sample	210 132 61.4	Signific
SEGMENT Other A B C/E D	9 7 4 35 48 1 6	166 629 757 332 185 227 135 95.3	9dwbg 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1393 757 341 186 79.9	Signific	Overall count	139 137 129 160 257	0 0 0 3 0 0 0 0	127		8 Overall count	341 482 405 433 215 155	0 0 1 8 0 7 0	984 448 474		3 5 68 94 2 56 10	122 176 372 231 351 189 268 154	0 1 28 11 0 7 4 11	249 415 229 189 348 158	+ Signific	3 Overall count	161 152 244 117 93.2 210 95.2	0 0 4 10 0 4 0 3	113 130 97.9 87.6	-	5   5   6   6   6   6   6   6   6   6	85.9 1785 474 182 125 122 103 112	0 3 26 22 0 8 0 4	2900 720 260 174 171 1260	+ + Signific	1 Overall count	135 154 119 86 124	Sample 9 0 0 0 5 9 1 0 4	210 132 61.4	Signific
SEGMENT Other A B C/E D	9 7 4 35 48 1 6 38	166 629 757 332 185 227 135 95.3	9dwbg 0 2 4 4 4 13 0 0 8 8 0 0	1393 757 341 186	Signific	3 25 2 1 1 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1	139 137 129 160 257	0 0 0 3 0 0 0 0	127		8 Overall count	341 482 405 433 215 155	0 0 1 8 0 7 0	984 448 474		3 5 68 94 2 56 10 29	122 176 372 231 351 189 268 154	0 1 28 11 0 7 4 11 0	249 415 229 189 348 158	+ Signific	3 1 9 45 12 6 5	161 152 244 117 93.2 210 95.2	0 0 4 10 0 4 0 3 0	113 130 97.9 87.6	-	5 5 5 6 6 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	85.9 1785 474 182 125 122 103 112	0 3 26 22 0 8 0 4 4 9	2900 720 260 174 171 1260	+ + Signific	1 Overall count 12	135 154 119 86 124 65.7	Sample   Sample   O O O O O O O O O O O O O O O O O O	210 132 61.4	Signific

Appendix 2.2: Comparison between vessel gross sales and insurance values

insuran ce value

		msuran	ce value										
GROUP	TURNOVER	<>		Don't know			£100,000 - £200,000		£300,000 - £400,000	£400,000 - £500,000		£750,000 - £1M	£1M - £1.5M
1	l		1	1	3	2	1				200,000		
1	< £50,000		5		68	15	1						
1	£50,000 - £100,000	1	2		21	45	5						
1	£100,000 - £200,000				2	22	29	1					
1	£200,000 - £300,000						8	3	1	3	2		
1	£300,000 - £500,000							2		1			
1	£500,000 - £1M									1	1		
2					4	5	4	2					
2	< £50,000		1		13	7	3						
2	£50,000 - £100,000		1		5	18	2	1					
2	£100,000 - £200,000				1	14	31	2					
2	£200,000 - £300,000		1		2	2	3	8	2				
2	£300,000 - £500,000							1	3	4			
2	£500,000 - £1M									2		1	

## Appendix 2.2 - continued

	TURNOVER	D	Oon't know		£50,000 -	£100,000 -	£200,000 -	£300,000 -	£400,000 -	£500,000 -	£750,000 -	£1M - £1.5M
3					1							
3	< £50,000			3	1	1						
	£50,000 - £100,000			1	5							
	£100,000 - £200,000				5	6	2					
	£200,000 - £300,000					1	1	2				
	£300,000 - £500,000				1		1		1			
	£500,000 - £1M									1		
3	£1M - £2M											

Appendix 2.3: Interviewed vessels consistently making profit, loss or breaking even

	Segment	At a profit	Breaking even	Making a loss	no answer	n =
Group 1	Pelagic Trawl	25%	25%	50%	0%	4
	Beam Trawl	7%	29%	57%	7%	14
	Demersal Trawl / Seine	43%	28%	26%	3%	100
	Nephrops Trawl	56%	14%	27%	3%	66
	Nets and lines	25%	31%	44%	0%	16
	Shellfish Mobile	39%	17%	39%	6%	18
	Shellfish Static	53%	27%	13%	7%	15
	Distant Water	67%	22%	11%	0%	9
	Non Active	44%	22%	33%	0%	9
	Other	100%	-	-	0%	3
	All	45%	23%	29%	3%	254
Group 2	Pelagic Trawl	67%	33%	-	0%	3
-	Beam Trawl	67%	33%	-	0%	9
	Demersal Trawl / Seine	53%	24%	16%	7%	55
	Nephrops Trawl	57%	25%	14%	4%	51
	Nets and lines	83%	-	17%	0%	6
	Shellfish Mobile	67%	11%	22%	0%	9
	Shellfish Static	25%	38%	38%	0%	8
	Distant Water	100%	-	-!	0%	2
	Non Active	50%	-	50%	0%	2
	Other	25%	50%	-	25%	4
	All	56%	24%	15%	5%	149
Group 3	Pelagic Trawl	-	100%	-	0%	1
	Beam Trawl	-	75%	25%	0%	4
	Demersal Trawl / Seine	62%	8%	15%	15%	13
	Nephrops Trawl	56%	22%	22%	0%	9
	Nets and lines	33%	-	33%	33%	3
	Shellfish Mobile	33%	-	67%	0%	3
	Shellfish Static	-	-	100%	0%	1
	Distant Water	50%	-	50%	0%	2
	Non Active	-	-	-	-	
	Other	44%	19%	28%	8%	36
	l .		_1	I		

Appendix 2.4: Reason for application by segment

			SEGMEN	١T							
REASON	Pel	Beam	Dem	Neph	Gill	Shell mob	Shell fix	Dist water	Non active	Other	Total
Vessel reached end of itseconomic life	1	1	30	24	2	5	7	3	2	1	76
Means of buying / financing another vessel	2	4	22	29	6	5	3	2	2	1	76
Finding the fishery unprofitable	3	2	19	12	4	6	3	1	2	1	53
Nearing age of retirement		1	17	13	1	4	2	1	2		41
Bank called in loan	2		30	5		1					38
Over regulation / too much bureaucracy		3	15	9	4	2	1		1	1	36
No response			10	10	1	1	2		1		25
Use to rationalise fleet activities		13	3		1		2		1	2	22
State of health		1	5	9	1	2	1		1	1	21
Depleting fishing opportunities			4	4	1	2	1	1			13
Want to take up other means of employment			4	2	1	2	1				10
Other		2	3	1	2				1		9
Difficulty in crewing vessel			3	3	1			2			9
Prospect of high bid being accepted			1	5			1	1			8
No family to replace you			2	0							2
Grand Total	8	27	168	126	25	30	24	11	13	7	439

Source: Nautilus Survey

Appendix 2.5: Reasons for withdrawing from the decommissioning scheme by segment.

Segment								
	Pel	Beam	Dem	Neph	Gill	Shell mob	Shell fixed	Non act
No response			2	1	1	1		1
Higher prices offered for licences/track record on open market		1	3	3		2	1	
Higher prices offered for vessel on open market		1	3	3	1			
Fishing prospects improving			1					
Future opportunities for self and family			1	1				
Tax burden			1	1				
Bid was purely speculative		1						
Decided to wait a few years		1	1					
Couldn't face scrapping vessel				1				1
Delays in the timing of the announcement								1
Boat sank			1					

# Appendix 2.6: Key determinants of the vessels valuation when applying for decommissioning. responses

Percentage of applicants ranking each determinant of bid first - by year of application

Determinants	1993	1994	1995	1996	Total
No response	11	7	8	10	9
Current debts	14	6	7	7	8
Vessel value	39	41	27	24	33
Licence value	1	2	2	10	4
Knowledge of previous decommissioning bids		34	32	29	24
Required capital for future investment	11	5	9	12	9
Expected size of competing bids	9	10	18	10	11
Past profits from fishing	0	0	0	0	0
Expected future profits from fishing	3	1	0	2	1
Cost of scrapping	0	0	0	0	0
Total	100	100	100	100	100

#### Percentage of applicants ranking each determinant of bid second - by year of application

Determinants	1993	1994	1995	1996	Total
No response	73	70	63	55	65
Current debts	1	2	6	2	2
Vessel value	4	5	11	10	8
Licence value	10	13	4	10	10
Knowledge of previous decommissioning bids	4	3	8	7	6
Required capital for future investment	2	3	4	5	4
Expected size of competing bids	0	4	2	7	4
Past profits from fishing	2	0	1	2	1
Expected future profits from fishing	0	0	0	2	0
Cost of scrapping	2	0	0	1	1
Total	100	100	100	100	100

#### Percentage of applicants ranking each determinant of bid third by the year of application

Determinants	1993	1994	1995	1996	Total
No response	93	93	85	87	90
Current debts	1	0	0	0	0
Vessel value	1	2	3	4	3
Licence value	1	1	3	3	2
Knowledge of previous decommissioning bids	0	0	2	0	0
Required capital for future investment	0	0	0	2	0
Expected size of competing bids	0	3	2	1	2
Past profits from fishing	1	1	0	1	1
Expected future profits from fishing	0	0	3	2	1
Cost of scrapping	2	1	0	1	1
Total	100	100	100	100	100

Appendix 2.7: Fishermen's strengths, weaknesses, opportunities and threats from the UK decommissioning scheme

STRENGTHS		WEAKNESSES	
Decommissioning scheme works well	67	<ul> <li>The fishermen that leave are not those responsible for the heavy exploitation of the stocks</li> </ul>	42
Facilitates new investment	46	Insufficient funds available for an adequate decommissioning scheme	18
Leaves greater opportunities for those remaining in the industry	12	<ul> <li>Disincentive to decommission because of taxation as applied to fishermen under 55 years;</li> </ul>	16
Concentrates ownership into areas which are most capable of exploiting the fisheries	12	Fishermen are discouraged because of the prospect of destroying their vessels	16
Provides an easy means for fishermen seeking to leave the industry	10	<ul> <li>Will contribute to the decline in the infrastructure and employment dependent on the fishing industry</li> </ul>	15
Helps to increase fish prices	10	<ul> <li>Has facilitated investment into the under 10 m sector thereby adding to pressure in this sector</li> </ul>	14
Reduces overcapacity in vulnerable fisheries	8	Limits the possibilities for new young fishermen entering into the industry.	13
Reduces the hassle of selling vessels on the open market	5	Has caused the prices of licences to rise	12
Removes the number of licenses in circulation	5	<ul> <li>Represents a poor use of vessels and acts as a disincentive to many would-be applicants</li> </ul>	12
Reduces the costs of enforcement	2	Has caused many vessels to leave the industry at below the market rate	10
		Increases the percentage of foreign owned vessels operating in the fleet	8
		Doesn't include the under 10 m sector	7
		Has caused the prices of second hand vessels to rise	6
		Has provided creditors with the possibility of acquiring their assets	5
		Leads to a concentration of capital to larger sized vessels	5
		<ul> <li>Leads to regional concentration of ownership, i.e. North East Scotland and Shetland.</li> </ul>	5
		Has encouraged some company owners to strip their assets	4
		Is only a substitute for natural wastage	4
		Misuses public money when the market can achieve similar ends	4
		Has allowed for some speculators to profit from the scheme	2

Appendix 2.7 - continued

Appendix 2.7 - continued			
OPPORTUNITIES		THREATS	
Allow for selling of track records and decommission the license from the vessel	61	The stocks will be irreparably damaged	46
Target most efficient vessels doing most damage to stocks	46	<ul> <li>Difficulty of re-investing in the industry once having left as a result of rising vessel and license values.</li> </ul>	15
Fixed rates should be introduced	37	<ul> <li>The increased emphasis in the industry towards the purchasing of licenses and quotas, thereby directly competing against the industry and increasing the marginal price of tenders;</li> </ul>	5
More funds should be made available for decommissioning	21	Vessels should not be scrapped	2
Target older fishermen who are leaving industry anyway	13		
Sell the scrapped vessels outside fishing	12		
Should include under 10 m sector	7		
Should be replaced by scrap and build policy	5		
Compensation should be arranged for crew	1		
Need government help to increase fleet of older traditional ways	1		
Shouldn't be able to buy in again this is abusing the system	1		

Appendix 2.8: Applicants' feelings regarding the potential for their tender application to succeed

	Successful	(Gp 1)	Unsuccessful	(Gp 2)	Withdrew	(Gp 3)	All applicants	(Gp 1 to 3)
Attitude	#	%	#	%	#	%	#	%
No response	7	3%	7	5%	3	8%	17	4%
Guaranteed	73	29%	8	5%	10	28%	91	21%
Reasonable	133	52%	80	54%	16	44%	229	52%
Highly speculative	41	16%	54	36%	7	19%	102	23%
Total	254	100%	149	100%	36	100%	439	100%

Group 1: Successful applicants feeling regarding the potential for their tender application to succeed

		1993		1994		1995		1996	
Attitude	#	%	#	%	#	%	#	%	
No response	2	4%	1	2%	2	3%	2	3%	
Guaranteed	12	23%	21	33%	24	34%	16	24%	
Reasonable	29	55%	36	56%	38	54%	30	45%	
Highly speculative	10	19%	6	9%	7	10%	18	27%	
Total	53	100%	64	100%	71	100%	66	100%	

## Appendix 2.8 - continued

Group 2: Unsuccessful applicants feeling regarding the potential for their tender application to succeed

	1993			1994		1995		1996
Attitude	#	%	#	%	#	%	#	%
No response	1	3%	2	3%	0	0%	4	8%
Guaranteed	3	9%	4	7%	0	0%	1	2%
Reasonable	13	41%	35	60%	5	45%	27	56%
Highly speculative	15	47%	17	29%	6	55%	16	33%
Total	32	100%	58	100%	11	100%	48	100%

Group 3: The feeling of successful applicants who withdrew their application regarding the potential for their tender application to succeed

		1993		1994		1995		1996	
Attitude	#	%	#	%	#	%	#	%	
No response		0%	2	20%	2	29%		0%	
Guaranteed	2	33%	6	60%	2	29%		0%	
Reasonable	4	67%	1	10%	2	29%	8	62%	
Highly speculative		0%	1	10%	1	14%	5	38%	
Total	6	100%	10	100%	7	100%	13	100%	

Appendix 2.9: Changes in skipper's employment following decommissioning or sale of vessel

Admin port	retired	returned to sea	no response	Unemployed	oil rig	fish enforce	recreational	fish proc /ret	other	Total
Aberdeen					1	1			0	2
Arbroath		1				1	1		1	4
Buckie		1				1			0	2
Eyemouth	1	4	1	1		1	2		1	11
Fraserburgh	4	1				2	1		0	8
Lossiemouth	5	1			2	3			0	11
Macduff				1					1	2
Peterhead	1	1	1		1		1		0	5
Pittenweem		3		2	1				1	7
Eastern Scotland	11	12	2	4	5	9	5	0	4	52
Ayr		3					3		1	7
Campbeltown		1				3	1		0	5
Kirkwall							1		0	1
Mallaig	2	5		1			3		0	11
Oban		1		1			1		0	3
Orkney							1		0	1
Ullapool	2	1								3
Kinlochbervie		1								1
Stornoway	1	3	0				3		1	8
Highland & W.Scotland	5	15	0	2	0	3	13	0	2	40
Ardglass		1					1		0	2
Belfast	1	2		1		1			0	5
Kilkeel	3	2	0	4	1	1	2	1	2	16
Portavogie	2	8	0	1		1	7		0	19
N. Ireland	6	13	0	6	1	3	10	1	2	42
Fleetwood		5	1	5	1	1	5		3	21
N.W England	0	5	1	5	1	1	5	0	3	21
Caernarfon	1	2							0	3
Milford Haven		4		1			3		1	9
Wales	1	6	0	1	0	0	3	0	1	12
Brixham	2	3			1	1	3		1	11
Hastings	2	6				2	5		0	15
Newlyn	2	8	1	3	1	1	10		3	29
Plymouth	1	2	1	2		1	4		0	11
Poole		1							1	2
Southern England	7	20	2	5	2	5	22	0	5	68
Grimsby	11	7	1	11		8	8	4	2	52
Lowestoft		7	1	3	1	6	10		2	30
North Shields	1	11	1	5	1	4	8	2	1	34
Eastern England	12	25	3	19	2	18	26	6	5	116

Appendix 2.9 - continued

Region	retired	returned to sea	No response	Unemployed	Fisheries enforcement	Oil rig	recreation	Fish proc / retail	Other	
Eastern Scotland	11	12	2	4	5	9	5	0	4	52
Highland & W.Scotland	5	15	0	2	0	3	13	0	2	40
N. Ireland	6	13	0	6	1	3	10	1	2	42
N.W England	0	5	1	5	1	1	5	0	3	21
Wales	1	6	0	1	0	0	3	0	1	12
Southern England	7	20	2	5	2	5	22	0	5	68
Eastern England	12	25	3	19	2	18	26	6	5	116
	42	96	8	42	11	39	84	7	22	351