

**Proposed method for standardizing the West Coast rock lobster commercial CPUE data per fishing method and Super-area**

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The following tables show the sample sizes per fishing method (trapboat and hoopnet), year and month for the dataset used to standardize the West Coast Rock Lobster commercial CPUE data. There are two pairs of tables for each Super-Area (A3+4, A5+6, A7, A8). The first table shows the sample size prior to making certain exclusions. The second table shows the sample sizes after deleting those cells with a sample size  $\leq 5$ . The second table also has two shaded areas: the larger grey area indicates the data to be used in the GLM exercise, while the smaller grey area indicates the core information that will be used in deriving a final index of abundance for those models that include interactions with month. The total sample sizes reported in the second table of each set are for the greater shaded area only.

NOTE: The external panel of the International workshop suggested that the deckboat dataset not be considered in the analyses. However, to make this a complete document, the third set of tables show the sample sizes for bakkies and deckboats combined.

# 1. Trapboat data

## 1.1 Area 3+4

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1981	1318	512	160	61						2051
1982	1316	496	53	3						1868
1983	599	140	57	54						850
1984	586	251	228	97						1162
1985	404	119	90	30						643
1986	544	340	145	26	56	29	118	24		1282
1987	700	187	164	75	6					1132
1988	689	245	298	252	131	33				1648
1989	493	527	436	280	289	135	181	43		2384
1990	1301	977	1266	722	727	521	135	5		5654
1991	1552	993	901	385	398	176	68			4473
1992	560	353	147	10						1070
1993	313	514	244							1071
1994	524	736	744	428	350	91	8			2881
1995	413	203	75	65			6			762
1996	142	175	93	87	20	3			71	591
1997		29	103	15	17	1				165
1998		41	6	15	56	5				123
1999		101	82	18	9					210
2000		47	141	128	63					379
2001		13	90	30	15	18	19	7		192
2002					1		11	15	2	29
2003		6	1	2	26		14	5		54
2004	1		13	15	7	9	10	1		56
<b>Total</b>	<b>11455</b>	<b>7005</b>	<b>5537</b>	<b>2798</b>	<b>2171</b>	<b>1021</b>	<b>570</b>	<b>100</b>	<b>73</b>	<b>30730</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1981	1318	512	160	61						2051
1982	1316	496	53							1865
1983	599	140	57	54						850
1984	586	251	228	97						1162
1985	404	119	90	30						643
1986	544	340	145	26	56	29	118	24		1258
1987	700	187	164	75	6					1132
1988	689	245	298	252	131	33				1648
1989	493	527	436	280	289	135	181	43		2341
1990	1301	977	1266	722	727	521	135			5649
1991	1552	993	901	385	398	176	68			4473
1992	560	353	147	10						1070
1993	313	514	244							1071
1994	524	736	744	428	350	91	8			2881
1995	413	203	75	65			6			762
1996	142	175	93	87	20				71	517
1997		29	103	15	17					164
1998		41	6	15	56					118
1999		101	82	18	9					210
2000		47	141	128	63					379
2001		13	90	30	15	18	19	7		185
2002							11	15		
2003		6			26		14			
2004			13	15	7	9	10			
<b>Total</b>	<b>11454</b>	<b>6999</b>	<b>5523</b>	<b>2778</b>	<b>2137</b>	<b>1003</b>	<b>535</b>			<b>30429</b>

## 1.2 Area 5+6

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1981	1895	883	391	152	5					3326
1982	1331	528	551	418	414	43				3285
1983	1187	299	220	81	32					1819
1984	1292	345	234	204	65					2140
1985	1290	270	191	24						1775
1986	1130	722	324	191	177	93	143	7		2787
1987	1256	393	152	92	2	5				1900
1988	567	364	328	109	173	257	78	3		1879
1989	464	384	518	348	221	55	131	34		2155
1990	810	677	466	395	305	224	109	38		3024
1991	1203	794	467	176	67	223	150	3		3083
1992	844	680	648	296	81	15	24	2		2590
1993	329	573	404	114	44	1	1			1466
1994	163	319	127	61	115	24	1			810
1995	111	188	64	14						377
1996	149	147	66						11	373
1997	60	142	70	28	50				1	351
1998		3	14		63	16	4			100
1999		14	30	9	2					55
2000			2	10						12
2001				1	19	1	3			24
2003				1	2					3
2004		1			1			1		3
<b>Total</b>	<b>14081</b>	<b>7726</b>	<b>5267</b>	<b>2724</b>	<b>1838</b>	<b>957</b>	<b>644</b>	<b>88</b>	<b>12</b>	<b>33337</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1981	1895	883	391	152						3321
1982	1331	528	551	418	414	43				3285
1983	1187	299	220	81	32					1819
1984	1292	345	234	204	65					2140
1985	1290	270	191	24						1775
1986	1130	722	324	191	177	93	143	7		2780
1987	1256	393	152	92						1893
1988	567	364	328	109	173	257	78			1876
1989	464	384	518	348	221	55	131	34		2121
1990	810	677	466	395	305	224	109	38		2986
1991	1203	794	467	176	67	223	150			3080
1992	844	680	648	296	81	15	24			2588
1993	329	573	404	114	44					1464
1994	163	319	127	61	115	24				809
1995	111	188	64	14						377
1996	149	147	66							362
1997	60	142	70	28	50				11	350
1998			14		63	16				
1999		14	30	9						
2000				10						
2001					19					
2003										
2004										
<b>Total</b>	<b>14081</b>	<b>7708</b>	<b>5221</b>	<b>2703</b>	<b>1744</b>	<b>934</b>	<b>635</b>			<b>33026</b>

### 1.3 Area 7

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1981	1032	365	35	15							1447
1982	609	156	59	40	43						907
1983	383	217	156	140							896
1984	404	138	82	106	30						760
1985	234	125	68	103	20						550
1986	243	485	386	184	159	33	49	2			1541
1987	421	152	147	224	208	92	18				1262
1988	189	165	169	223	137	116	92	104			1195
1989	47	251	274	131	110	58	57	128			1056
1990	55	210	460	293	90	238	105	4			1455
1991	252	310	276	32		74	194	4			1142
1992	22	199	391	227	80	5					924
1993	79	159	278	195	70	9	18				808
1994	133	252	365	291	172	30	15	20			1278
1995	68	223	206	199	59	2					757
1996	74	216	112	73	42	7	27	5	80	4	640
1997	12	148	279	394	220	96	46	2			1197
1998		81	117	105	209	145	155	171	3		986
1999		207	243	256	218	30	44	22			1020
2000		117	240	247	215	160	68	7			1054
2001		60	133	305	219	175	86	102			1080
2002	31	164	239	122	216	159	393	475			1799
2003	96	246	461	278	278	209	178	150	53		1949
2004	13	473	527	502	290	259	143	127			2334
<b>Total</b>	<b>4397</b>	<b>5119</b>	<b>5703</b>	<b>4685</b>	<b>3085</b>	<b>1897</b>	<b>1688</b>	<b>1323</b>	<b>136</b>	<b>4</b>	<b>28037</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1981	1032	365	35	15							1447
1982	609	156	59	40	43						907
1983	383	217	156	140							896
1984	404	138	82	106	30						760
1985	234	125	68	103	20						550
1986	243	485	386	184	159	33	49				1539
1987	421	152	147	224	208	92	18				1262
1988	189	165	169	223	137	116	92	104			1195
1989	47	251	274	131	110	58	57	128			1056
1990	55	210	460	293	90	238	105				1451
1991	252	310	276	32		74	194				1138
1992	22	199	391	227	80						919
1993	79	159	278	195	70	9	18				808
1994	133	252	365	291	172	30	15	20			1278
1995	68	223	206	199	59						755
1996	74	216	112	73	42	7	27		80		551
1997	12	148	279	394	220	96	46				1195
1998		81	117	105	209	145	155	171			983
1999		207	243	256	218	30	44	22			1020
2000		117	240	247	215	160	68	7			1054
2001		60	133	305	219	175	86	102			1080
2002	31	164	239	122	216	159	393	475			1799
2003	96	246	461	278	278	209	178	150	53		1896
2004	13	473	527	502	290	259	143	127			2334
<b>Total</b>	<b>4397</b>	<b>5119</b>	<b>5703</b>	<b>4685</b>	<b>3085</b>	<b>1890</b>	<b>1688</b>	<b>1306</b>			<b>27873</b>

## 1.4 Area 8

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1981	594	368	435	148	11							1556
1982	332	394	372	205	117	18						1438
1983	350	278	349	49	70							1096
1984	331	203	1		26							561
1985	249	190	73	98	39	67	32	53				801
1986	157	227	327	296	168	57	27	32	5			1296
1987	50	51	174	207	103	83	87	87	14			856
1988	17	46	150	154	194	134	80	91	85			951
1989	24	12	103	107	145	85	54	6				536
1990		19	68	104	40	75	163	155	37			661
1991	68	209	338	287	313	199	208	132	21			1775
1992	4		45	204	208	224	283	159	62	61		1250
1993	4	21	10	119	176	213	247	127	290	145		1352
1994	4	27	226	247	190	301	207	138	72	55	13	1480
1995	5	22	49	81	269	184	236	160	125	54		1185
1996		5	110	136	207	215	158	207	427	109	7	1581
1997			43	61	94	179	412	337	253	149	54	1582
1998		18	28	36	164	175	171	258	359	241	248	1698
1999		8	22	63	106	374	316	239	172	144	90	1534
2000		1	9	24	136	165	275	283	202	110	125	1330
2001		2	10	28	78	221	172	235	342	571	621	2280
2002	4	24	33	53	75	152	151	221	356	364	608	2041
2003	7	12	48	77	309	301	344	277	382	391	306	2454
2004	19	25	19	81	215	245	318	224				1146
<b>Total</b>	<b>2219</b>	<b>2162</b>	<b>3042</b>	<b>2865</b>	<b>3453</b>	<b>3667</b>	<b>3941</b>	<b>3421</b>	<b>3204</b>	<b>2394</b>	<b>2072</b>	<b>32440</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1981	594	368	435	148	11							1556
1982	332	394	372	205	117	18						1438
1983	350	278	349	49	70							1096
1984	331	203			26							561
1985	249	190	73	98	39	67	32	53				801
1986	157	227	327	296	168	57	27	32				1291
1987	50	51	174	207	103	83	87	87	14			856
1988	17	46	150	154	194	134	80	91	85			951
1989	24	12	103	107	145	85	54	6				536
1990		19	68	104	40	75	163	155	37			661
1991	68	209	338	287	313	199	208	132	21			1775
1992			45	204	208	224	283	159	62	61		1246
1993		21	10	119	176	213	247	127	290	145		1348
1994		27	226	247	190	301	207	138	72	55	13	1476
1995		22	49	81	269	184	236	160	125	54		1180
1996			110	136	207	215	158	207	427	109	7	1576
1997			43	61	94	179	412	337	253	149	54	1582
1998		18	28	36	164	175	171	258	359	241	248	1698
1999		8	22	63	106	374	316	239	172	144	90	1534
2000			9	24	136	165	275	283	202	110	125	1329
2001			10	28	78	221	172	235	342	571	621	2278
2002		24	33	53	75	152	151	221	356	364	608	2037
2003	7	12	48	77	309	301	344	277	382	391	306	2454
2004	19	25	19	81	215	245	318	224				1146
<b>Total</b>	<b>591</b>	<b>911</b>	<b>1885</b>	<b>2463</b>	<b>3229</b>	<b>3649</b>	<b>3941</b>	<b>3421</b>	<b>3199</b>	<b>2394</b>	<b>2072</b>	<b>27755</b>

## 2. Bakkie data

### 2.1 Area 3+4

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1986	120	88	29	4	1					242
1987	346	128	63	20						557
1988	436	112	43	16	16					623
1989	79	94	94	69	62	28	11	1		438
1990	84	66	62	125	105	62	16	1		521
1991	132	85	109	56	27	6	16			431
1992	1425	1024	30							2479
1993	755	1361	777	8						2901
1994	650	737	561	1023	1433	426	55			4885
1995	816	454	323	147						1740
1996	354	524	805	383	59	2			6	2133
1997	94	973	402	13	181		15			1678
1998		348	56	224	193	50	119			990
1999		381	935	82	290	97				1785
2000		69	710	409	42					1230
2001		66	262	212	11	148	112	9		820
2002	3	129	375	370	143	385	505	351	110	2371
2003	170	222	436	274	310	88	17	1		1518
2004	281	263	468	494	187	79	15	13		1800
<b>Total</b>	<b>5745</b>	<b>7124</b>	<b>6540</b>	<b>3929</b>	<b>3060</b>	<b>1371</b>	<b>881</b>	<b>376</b>	<b>116</b>	<b>29142</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
1986	120	88	29							237
1987	346	128	63	20						557
1988	436	112	43	16	16					623
1989	79	94	94	69	62	28	11			437
1990	84	66	62	125	105	62	16			520
1991	132	85	109	56	27	6	16			431
1992	1425	1024	30							2479
1993	755	1361	777	8						2901
1994	650	737	561	1023	1433	426	55			4885
1995	816	454	323	147						1740
1996	354	524	805	383	59				6	2125
1997	94	973	402	13	181		15			1678
1998		348	56	224	193	50	119			990
1999		381	935	82	290	97				1785
2000		69	710	409	42					1230
2001		66	262	212	11	148	112	9		811
2002		129	375	370	143	385	505	351	110	1907
2003	170	222	436	274	310	88	17			1517
2004	281	263	468	494	187	79	15	13		1787
<b>Total</b>	<b>5742</b>	<b>7124</b>	<b>6540</b>	<b>3925</b>	<b>3059</b>	<b>1369</b>	<b>881</b>			<b>28640</b>

## 2.2 Area 5+6

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1986	51	24	45	20	10	6	9		165
1987	362	88	7						457
1988	100	34	35	1	28	31	14	4	247
1989	45	15	27	29	25	12	2	1	156
1990	70	55	45	23	36	39	2		270
1991	107	88	67	44	28	30	6		370
1992	866	494	202	109	114	8			1793
1993	171	299	418	226	282	218	35		1649
1994	172	207	216	170	34				799
1995	112	174	138						424
1996	136	240	252	34					662
1997	80	250	214	116		1			661
1998		70	199						269
1999		148	221	166	28				563
2000		116	232						348
2001			3	57	51	111	77	50	349
2002		16	23	123	187	329	360	233	1271
2003	23	104	280	227	122	47	69	120	992
2004	17	154	223	173	82	90	29	17	785
<b>Total</b>	<b>2312</b>	<b>2576</b>	<b>2847</b>	<b>1518</b>	<b>1027</b>	<b>922</b>	<b>603</b>	<b>425</b>	<b>12230</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1986	51	24	45	20	10	6	9		165
1987	362	88	7						457
1988	100	34	35		28	31	14		242
1989	45	15	27	29	25	12			153
1990	70	55	45	23	36	39			268
1991	107	88	67	44	28	30	6		370
1992	866	494	202	109	114	8			1793
1993	171	299	418	226	282	218	35		1649
1994	172	207	216	170	34				799
1995	112	174	138						424
1996	136	240	252	34					662
1997	80	250	214	116					660
1998		70	199						269
1999		148	221	166	28				563
2000		116	232						348
2001				57	51	111	77	50	349
2002		16	23	123	187	329	360	233	1038
2003	23	104	280	227	122	47	69	120	872
2004	17	154	223	173	82	90	29	17	768
<b>Total</b>	<b>1950</b>	<b>2488</b>	<b>2837</b>	<b>1460</b>	<b>976</b>	<b>810</b>	<b>522</b>		<b>11043</b>

### 2.3 Area 7

	<b>Nov</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>May</b>	<b>Total</b>
<b>1990</b>		4	5	1	19	29
<b>1991</b>		29	11			40
<b>1992</b>	1	1				2
<b>1995</b>		2				2
<b>1999</b>		3				3
<b>2000</b>		1				1
<b>Total</b>	1	40	16	1	19	77

No GLM will be performed on the Area 7 bakkie data.



## 2.4 Area 8

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Total
1986	14	12	22	20	21	18	3	3				113
1987	5	9	20	14	16	8	6	3				81
1988	5	13	12	20	22	11						83
1989	7	10		7	11		5	9				49
1990	1	5	13	13	14	17	11					74
1991	6	10	14	9	11	4	1					55
1992	53	111	38	141	172	73	77	86				751
1993	46	95	106	158	160	163	115	65	8			916
1994	64	136	199	129	115	12	114	119	5			893
1995	85	56	66	120	125	96	14	13		18		593
1996	66	69	130	36	87	102	15		91	29		625
1997		48	37	69	85	41	77	55	61	35	25	533
1998		33	27	20	102	38	83	56	74	71	51	555
1999		59	54	66	58	122	104					463
2000		44	101	44	53	63	82	52	3	5		447
2001			26	29	87	124	262	407				935
2002	1	7	63	76	162	329	404	559	42		1	1644
2003	5	17	92	56	123	324	448	643				1708
2004	1	1	42	86	220	294	315	354				1313
<b>Total</b>	<b>359</b>	<b>735</b>	<b>1062</b>	<b>1113</b>	<b>1644</b>	<b>1839</b>	<b>2136</b>	<b>2424</b>	<b>284</b>	<b>158</b>	<b>77</b>	<b>11831</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sept	Total
1986	14	12	22	20	21	18						107
1987		9	20	14	16	8	6					73
1988		13	12	20	22	11						78
1989	7	10		7	11			9				
1990			13	13	14	17	11					68
1991	6	10	14	9	11							50
1992	53	111	38	141	172	73	77	86				751
1993	46	95	106	158	160	163	115	65	8			916
1994	64	136	199	129	115	12	114	119				888
1995	85	56	66	120	125	96	14	13		18		575
1996	66	69	130	36	87	102	15		91	29		596
1997		48	37	69	85	41	77	55	61	35	25	473
1998		33	27	20	102	38	83	56	74	71	51	433
1999		59	54	66	58	122	104					463
2000		44	101	44	53	63	82	52				439
2001			26	29	87	124	262	407				935
2002		7	63	76	162	329	404	559	42			1642
2003		17	92	56	123	324	448	643				1703
2004			42	86	220	294	315	354				1311
<b>Total</b>	<b>334</b>	<b>719</b>	<b>1062</b>	<b>1106</b>	<b>1633</b>	<b>1835</b>	<b>2127</b>	<b>2409</b>	<b>276</b>			<b>11501</b>

### 3. Bakkie+deckboat data

#### 3.1 Area 3+4

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1981	123	31	96	107	39						396
1982	95	226	20		37	34					412
1983	237	101	13	10							361
1984	282	146	102	14							544
1985	162	111	152	39							464
1986	254	214	170	38	92	24	26			1	819
1987	535	256	181	140	23						1135
1988	518	214	192	139	139	59					1261
1989	111	153	242	208	183	63	17	1			978
1990	172	136	120	201	188	104	16	1			938
1991	243	156	148	64	46	15	20				692
1992	1459	1083	76	25	23						2666
1993	780	1406	821	8							3015
1994	676	779	601	1078	1497	426	55				5112
1995	852	488	336	155	2						1833
1996	373	542	851	417	59	2			6		2250
1997	102	1025	450	13	181		15				1786
1998		376	116	256	193	50	123				1114
1999		405	953	82	290	100	2				1832
2000		79	718	409	42						1248
2001		66	274	216	11	148	112	9			836
2002	3	129	375	370	143	385	505	351	110		2371
2003	170	222	436	274	310	88	17	1			1518
2004	281	263	468	494	187	79	15	13			1800
<b>Total</b>	<b>7428</b>	<b>8607</b>	<b>7911</b>	<b>4757</b>	<b>3685</b>	<b>1577</b>	<b>923</b>	<b>376</b>	<b>116</b>	<b>1</b>	<b>35381</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Total
1981	123	31	96	107	39						396
1982	95	226	20		37	34					412
1983	237	101	13	10							361
1984	282	146	102	14							544
1985	162	111	152	39							464
1986	254	214	170	38	92	24	26				818
1987	535	256	181	140	23						1135
1988	518	214	192	139	139	59					1261
1989	111	153	242	208	183	63	17				977
1990	172	136	120	201	188	104	16				937
1991	243	156	148	64	46	15	20				692
1992	1459	1083	76	25	23						2666
1993	780	1406	821	8							3015
1994	676	779	601	1078	1497	426	55				5112
1995	852	488	336	155							1831
1996	373	542	851	417	59				6		2242
1997	102	1025	450	13	181		15				1786
1998		376	116	256	193	50	123				1114
1999		405	953	82	290	100					1830
2000		79	718	409	42						1248
2001		66	274	216	11	148	112	9			827
2002		129	375	370	143	385	505	351	110		1907
2003	170	222	436	274	310	88	17				1517
2004	281	263	468	494	187	79	15	13			1787
<b>Total</b>	<b>7425</b>	<b>8607</b>	<b>7911</b>	<b>4757</b>	<b>3683</b>	<b>1575</b>	<b>921</b>	<b>13</b>	<b></b>	<b></b>	<b>34879</b>

### 3.2 Area 5+6

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1981	207	209	93						509
1982	30	7	268						305
1983	5								5
1984	233	89		6	56				384
1985	221	83		1					305
1986	238	159	147	28	10	6	9		597
1987	382	102	13						497
1988	105	41	35	1	28	31	14	4	259
1989	45	15	27	29	25	12	2	1	156
1990	70	55	45	23	36	72	44	5	350
1991	107	88	67	44	28	36	6		376
1992	954	584	273	119	115	8			2053
1993	195	340	480	270	304	218	35		1842
1994	188	247	240	218	74	12	34		1013
1995	112	174	138						424
1996	136	240	252	34					662
1997	80	250	214	116		1			661
1998		70	199						269
1999		148	221	166	28				563
2000		116	232						348
2001			3	57	51	111	77	50	349
2002		16	23	123	187	329	360	233	1271
2003	23	104	280	227	122	47	69	120	992
2004	17	154	223	173	82	90	29	17	785
<b>Total</b>	<b>3348</b>	<b>3291</b>	<b>3473</b>	<b>1635</b>	<b>1146</b>	<b>973</b>	<b>679</b>	<b>430</b>	<b>14975</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1981	207	209	93						509
1982	30	7	268						
1983									
1984	233	89			56				
1985	221	83							
1986	238	159	147	28	10	6	9		597
1987	382	102	13						497
1988	105	41	35		28	31	14		254
1989	45	15	27	29	25	12	2		155
1990	70	55	45	23	36	72	44		345
1991	107	88	67	44	28	36	6		376
1992	954	584	273	119	115	8			2053
1993	195	340	480	270	304	218	35		1842
1994	188	247	240	218	74	12	34		1013
1995	112	174	138						424
1996	136	240	252	34					662
1997	80	250	214	116					660
1998		70	199						269
1999		148	221	166	28				563
2000		116	232						348
2001				57	51	111	77	50	
2002		16	23	123	187	329	360	233	1038
2003	23	104	280	227	122	47	69	120	872
2004	17	154	223	173	82	90	29	17	768
<b>Total</b>	<b>2859</b>	<b>3112</b>	<b>3202</b>	<b>1570</b>	<b>1039</b>	<b>861</b>	<b>602</b>		<b>13245</b>

### 3.3 Area 7

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
1982	7								7
1984					15				15
1985				47	27				74
1986			12	71					83
1990			4	5	1	4	43	2	59
1991			147	65	75	5	1		293
1992	1		1						2
1994					36	19	19		74
1995		6	5						11
1996						3			3
1998					24	29	14		67
1999			3	8	9				20
2000			1	15	18				34
<b>Total</b>	<b>8</b>	<b>6</b>	<b>173</b>	<b>211</b>	<b>205</b>	<b>60</b>	<b>77</b>	<b>2</b>	<b>742</b>

No GLM will be performed on Area 7 bakkie and deckboat data.

### 3.4 Area 8

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1981			26									26
1982		20										20
1986	14	12	22	44	21	18	3	3				137
1987	5	9	20	14	16	8	6	3				81
1988	5	13	12	20	22	11						83
1989	7	10		7	11		5	9				49
1990	1	5	13	13	14	17	11	1				75
1991	6	10	14	9	11	4	1					55
1992	53	111	38	141	172	73	77	86				751
1993	46	95	106	158	160	163	115	65	8			916
1994	64	136	199	129	117	16	114	119	5			899
1995	85	58	71	120	125	96	14	13		18		600
1996	66	69	130	36	87	102	15		91	29		625
1997		48	37	69	85	41	77	55	61	35	25	533
1998		33	27	20	102	38	87	56	74	71	51	559
1999		59	54	66	58	122	104					463
2000		44	101	44	53	63	82	52	3	5		447
2001			26	29	87	124	262	407				935
2002	1	7	63	76	162	329	404	559	42		1	1644
2003	5	17	92	56	123	324	448	643				1708
2004	1	1	42	86	220	294	315	354				1313
<b>Total</b>	<b>359</b>	<b>757</b>	<b>1093</b>	<b>1137</b>	<b>1646</b>	<b>1843</b>	<b>2140</b>	<b>2425</b>	<b>284</b>	<b>158</b>	<b>77</b>	<b>11919</b>

	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1981			26									26
1982		20										20
1986	14	12	22	44	21	18						131
1987		9	20	14	16	8	6					73
1988		13	12	20	22	11						78
1989	7	10		7	11			9				49
1990			13	13	14	17	11					68
1991	6	10	14	9	11							50
1992	53	111	38	141	172	73	77	86				751
1993	46	95	106	158	160	163	115	65	8			916
1994	64	136	199	129	117	16	114	119				894
1995	85	58	71	120	125	96	14	13		18		582
1996	66	69	130	36	87	102	15		91	29		596
1997		48	37	69	85	41	77	55	61	35	25	473
1998		33	27	20	102	38	87	56	74	71	51	437
1999		59	54	66	58	122	104					463
2000		44	101	44	53	63	82	52				439
2001			26	29	87	124	262	407				935
2002	7		63	76	162	329	404	559	42			1642
2003		17	92	56	123	324	448	643				1703
2004			42	86	220	294	315	354				1311
<b>Total</b>	<b>334</b>	<b>721</b>	<b>1067</b>	<b>1130</b>	<b>1635</b>	<b>1839</b>	<b>2131</b>	<b>2409</b>	<b>276</b>			<b>11542</b>