OIL – (CL) – Find Cycles quicker – See current Cycles at a glance.

Find Current active time cycles (Calendar Days and/or in Trading Days.) and quickly

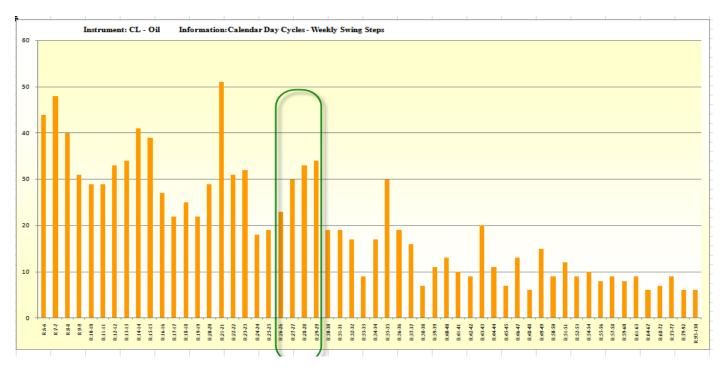
The abbreviations used are:

TB/BT	Top-Bottom/Bottom-Top
TT	Тор-Тор
BB	Bottom-Bottom
~ . ~	

Swing Steps Swing Highs and Lows the market creates on its way to a turning point (swing top or bottom)

					Cycles/Ranges between Swing Steps						Cycles/Ranges between Swing Tops/Bottoms					oms				
						Price		Calen	dar Da	ys	Tra	ding D	ays	Price	Cale	endar D	Days	Trading Days		
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	Π	BB	тв/вт	Π	BB	тв/вт	тв/вт	Π	BB	тв/вт	Π	BB
24/12/2008	L	35.13	6456	D-SB	14.92		5.37	9		19	7		13	112.14	166		337	116		238
6/01/2009	н	50.47	6463	U-ST	15.34	0.42		13	22		7	14]	15.34	13	179]	7	123	
14/01/2009	L	35.52	6469	U	14.95		0.39	8		21	6		13				1			
26/01/2009	н	48.59	6476	U	13.07	1.88		12	20		7	13								
12/02/2009	L	33.55	6489	D-SB	15.04		1.97	17		29	13	l	20	16.92	37		50	26		33
26/03/2009	н	54.66	6518	U	21.11	6.07		42	59		29	42								
21/04/2009	L	46.72	6535	U	7.94		13.17	26		68	17		46							
11/06/2009	н	73.23	6571	U	26.51	18.57		51	77		36	53								
23/06/2009	L	66.37	6579	U	6.86		19.65	12		63	8		44							
30/06/2009	н	73.38	6584	U-ST	7.01	0.15		7	19		5	13	l	39.83	138	175]	95	121	
13/07/2009	L	58.32	6592	D-SB	15.06		8.05	13		20	8		13	15.06	13		151	8		103
24/07/2009	н	68.2	6601	D	9.88	5.18		11	24		9	17								
29/07/2009	L	62.7	6604	D	5.5		4.38	5		16	3		12							
7/08/2009	н	72.84	6611	U	10.14	4.64		9	14		7	10								
17/08/2009	L	65.23	6617	U	7.61		2.53	10		19	6		13							
25/08/2009	н	75	6623	U-ST	9.77	2.16		8	18		6	12		16.68	43	56		31	39	
2/09/2009	L	67.05	6629	U	7.95		1.82	8		16	6		12							
17/09/2009	н	73.16	6639	U	6.11	1.84		15	23		10	16								
25/09/2009	L	65.05	6645	D-SB	8.11		2	8		23	6		16	9.95	31		74	22		53
21/10/2009	н	82	6663	U	16.95	8.84		26	34		18	24								
14/12/2009	L	68.59	6700	U	13.41		3.54	54		80	37		55							
11/01/2010	н	83.95	6718	U-ST	15.36	1.95		28	82		18	55	l	18.9	108	139		73	95	
5/02/2010	L	69.5	6736	U-SB	14.45		0.91	25		53	18		36	14.45	25		133	18		91
12/03/2010	H	83.16	6760	U	13.66	0.79		35	60		24	42								
22/03/2010	L	78.86	6766	U	4.3		9.36	10		45	6		30							
6/04/2010	н	87.09	6776	U	8.23	3.93		15	25		10	16								
28/04/2010	L	81.29	6792	U	5.8		2.43	22		37	16		26							
3/05/2010	H	87.15	6795	U-ST	5.86	0.06		5	27		3	19		17.65	87	112		59	77	
20/05/2010	L	68.85	6808	D-SB	18.3		12.44	17		22	13		16	18.3	17		104	13		72
28/05/2010	н	75.72	6814	D	6.87	11.43		8	25		6	19								
7/06/2010	L	69.51	6819	D	6.21		0.66	10		18	5		11							
21/06/2010	н	79.94	6829	U	10.43	4.22		14	24		10	15								
6/07/2010	L	71.09	6839	U	8.85		1.58	15		29	10		20							
4/08/2010	н	82.97	6860	U	11.88	3.03		29	44		21	31								
20/08/2010	L	73.44	6872	U	9.53		2.35	16		45	12		33							

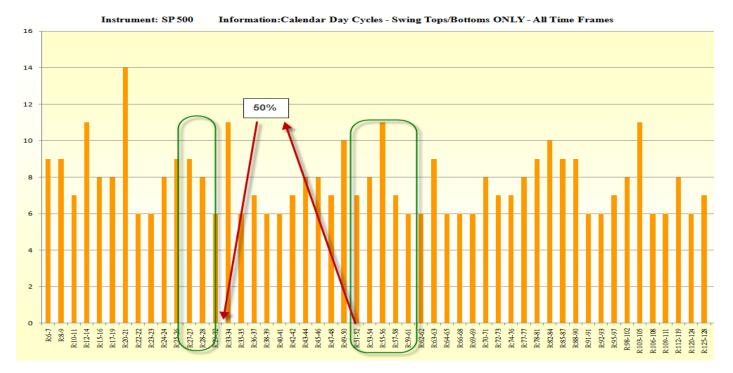
Charts show Cycles Ranges and Counts



Oil - Study Larger Time Frame

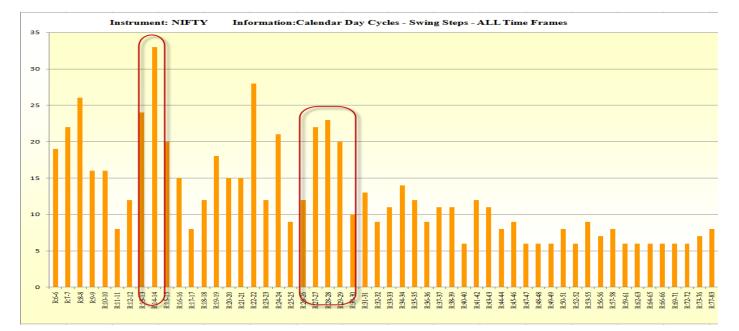
	Cycles/Ranges between Swing Steps													
						Price			dar Day			ding Da	iys	Р
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	π	BB	TB/BT	π	BB	ТВ
19/09/2003	L	26.72	5133	U	6.13		1.68	42		143	29		100	
15/01/2004	н	35.41	5212	U	8.69	2.56		118	160		79	108		
5/02/2004	L	32.2	5226	U	3.21		5.48	21		139	14		93	
16/03/2004	н	37.8	5253	U	5.6	2.39		40	61		27	41		
2/04/2004	L	33.3	5266	U	4.5		1.1	17		57	13		40	
17/05/2004	н	41.85	5296	U	8.55	4.05		45	62		30	43		
30/06/2004	L	35.52	5326	U	6.33		2.22	44		89	30		60	
25/10/2004	н	55.67	5407	U	20.15	13.82		117	161		81	111		
10/12/2004	L	40.25	5439	U	15.42		4.73	46		163	32		113	
4/04/2005	н	58.28	5515	U	18.03	2.61		115	161		76	108		
16/05/2005	L	47.6	5545	U	10.68		7.35	42		157	30		106	
30/08/2005	н	70.85	5619	U-ST	23.25	12.57		106	148		74	104		4!
30/11/2005	L	55.72	5682	U-SB	15.13		8.12	92]	198	63		137	15
23/01/2006	н	69.2	5717	U	13.48	1.65		54	146		35	98		
16/02/2006	L	57.55	5735	U	11.65		1.83	24		78	18		53	
21/04/2006	н	75.35	5779	U	17.8	6.15		64	88		44	62		
14/06/2006	L	68.1	5816	U	7.25		10.55	54		118	37		81	
14/07/2006	н	78.4	5836	U-ST	10.3	3.05		30	84		20	57		22
16/11/2006	L	55.92	5924	D	22.48		12.18	125		155	88		108	[
20/12/2006	н	64.15	5947	D	8.23	14.25		34	159		23	111		
18/01/2007	L	49.9	5964	D-SB	14.25		6.02	29		63	17		40	2
27/03/2007	н	68.09	6011	U	18.19	3.94		68	97		47	64		
9/05/2007	L	60.68	6041	U	7.41		10.78	43		111	30		77	
31/07/2007	н	78.28	6098	U	17.6	10.19		83	126		57	87		
22/08/2007	L	68.63	6114	U	9.65		7.95	22		105	16		73	
21/11/2007	н	99.29	6178	U	30.66	21.01		91	113		64	80		
22/01/2008	L	85.42	6218	U	13.87		16.79	62		153	40		104	
11/07/2008	н	147.27	6340	U-ST	61.85	47.98		171	233		122	162		97
12/02/2009	L	33.55	6489	D-SB	113.72		51.87	216		387	149		271	11
30/06/2009	н	73.38	6584	D	39.83	73.89		138	354		95	244		
13/07/2009	L	58.32	6592	D	15.06		24.77	13		151	8		103	
25/08/2009	н	75	6623	U	16.68	1.62		43	56		31	39		
25/09/2009	L	65.05	6645	U	9.95		6.73	31		74	22		53	
21/10/2009	н	82	6663	U	16.95	7		26	57		18	40		
14/12/2009	L	68.59	6700	U	13.41		3.54	54		80	37		55	
11/01/2010	н	83.95	6718	U	15.36	1.95		28	82		18	55		
5/02/2010	L	69.5	6736	U	14.45		0.91	25		53	18		36	
6/04/2010	н	87.09	6776	U-ST	17.59	3.14		60	85		40	58		53
25/05/2010	L	67.15	6811	D	19.94		2.35	49		109	35		75	
4/08/2010	н	82.97	6860	D	15.82	4.12		71	120		49	84		

SP 500 – Based on Weekly Swings



					Cycles/Ranges between Swing Steps								
						Price		Calen	dar Da	ys	Trading		
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	Π	BB	тв/вт	Π	
5/11/2008	н	1008	6723	D	183	295.5		9	64		7	46	
21/11/2008	L	739	6735	D-SB	269		86	16		25	12		
8/12/2008	н	919	6745	D	180	89		17	33		10	22	
22/12/2008	L	853	6755	D	66		114	14		31	10		
6/01/2009	н	942	6764	U-ST	89	23		15	29		9	19	
20/01/2009	L	797	6773	D-SB	145		56	14	1	29	9		
28/01/2009	н	875.5	6779	D-ST	78.5	66.5		8	22		6	15	
2/02/2009	L	806.4	6782	D	69.1		9.4	5		13	3		
9/02/2009	н	872.8	6787	D	66.4	2.7		7	12		5	8	
6/03/2009	L	665.7	6805	D-SB	207.1		140.7	25		32	18		
17/04/2009	н	872	6834	D	206.3	0.8		42	67		29	47	
21/04/2009	L	823.1	6836	D	48.9		157.4	4		46	2		
7/05/2009	н	929	6848	U	105.9	57		16	20		12	14	
18/05/2009	L	875.4	6855	U	53.6		52.3	11		27	7		
5/06/2009	н	957.2	6868	U-ST	81.8	28.2		18	29		13	20	
23/06/2009	L	884.3	6880	U	72.9		8.9	18	1	36	12		
1/07/2009	н	928.2	6886	U	43.9	29		8	26		6	18	
8/07/2009	L	865.5	6890	D-SB	62.7		18.8	7		15	4		
14/08/2009	н	1015.9	6917	U	150.4	87.7		37	44		27	31	
17/08/2009	L	975.8	6918	U	40.1		110.3	3		40	1		
28/08/2009	н	1038.5	6927	U	62.7	22.6		11	14		9	10	
2/09/2009	L	991.1	6930	U	47.4		15.3	5		16	3		
23/09/2009	н	1075.5	6944	U	84.4	37		21	26		14	17	
2/10/2009	L	1012.1	6951	U	63.4		21	9		30	7		
20/10/2009	н	1099	6963	U	86.9	23.5		18	27		12	19	
2/11/2009	L	1026.2	6972	U	72.8		14.1	13		31	9		
16/11/2009	н	1112.1	6982	U	85.9	13.1		14	27		10	19	
27/11/2009	L	1066.9	6990	U	45.2		40.7	11		25	8		
11/01/2010	н	1147.9	7019	U-ST	81	35.8		45	56		29	37	
5/02/2010	L	1041	7037	D-SB	106.9		25.9	25		70	18		
15/04/2010	н	1210.4	7085	U	169.4	62.5		69	94		48	66	
19/04/2010	L	1180	7087	U	30.4		139	4		73	2		
26/04/2010	н	1216.7	7092	U-ST	36.7	6.3		7	11		5	7	
25/05/2010	L	1036.6	7113	D-SB	180.1		143.4	29		36	21		
4/06/2010	н	1107.5	7120	D	70.9	109.2		10	39		7	28	
8/06/2010	L	1041.2	7122	D	66.3		4.6	4		14	2		
21/06/2010	н	1129.2	7131	U-ST	88	21.7		13	17		9	11	
6/07/2010	L	1003.1	7141	D-SB	126.1		38.1	15]	28	10		
14/07/2010	н	1099	7147	D	95.9	30.2		8	23		6	16	

Price Price Calendar Days Trading Days Tradays Tradays Traday		Cycles/Ranges between Swing Steps Cy													Cy
Date H/L Price To Tend Tend <tht< th=""><th></th><th></th><th></th><th></th><th></th><th>1</th><th></th><th></th><th colspan="7">Calendar Days Trading Days</th></tht<>						1			Calendar Days Trading Days						
2/12/2002 H 954.8 5221 D 187.3 225.2 21 100 157.0 166.3 21 100 170 170 166.8 182 166.8 182 166.8 182 166.8 182 166.8 182 166.8 183 100 187 187 187 187 187 187 187 187 187 187 187 187 187 186 182 186 183 187 197 186 183 180 197 187 </th <th>Date</th> <th>H/L</th> <th>Price</th> <th>TD</th> <th>Trend</th> <th>тв/вт</th> <th>π</th> <th>BB</th> <th></th> <th>. 1</th> <th></th> <th></th> <th>. –</th> <th>-</th> <th></th>	Date	H/L	Price	TD	Trend	тв/вт	π	BB		. 1			. –	-	
17/06/2003 H 1015.6 5359 U 227.1 60.8 170 449 16 34 100 35 5/03/2004 H 1163.5 5533 U-ST 205 147.9 116.8 68 22 150 15	2/12/2002	Н	954.8	5221	D	187.3	225.2		53	258		36	182		
5/08/2003 L 958.5 5393 U 57.1 147.9 170 149 120 150 184 192 35 12/05/2004 L 116.5.5 5530 U 88.2 116.8 68 281 47 184 184 184 192 24 110 23 251 110 433 111 93 35 64 100 24/6/2/004 L 1060.2 5654 0-58 86 15.1 630 101 93 35 65 65 50 50 50 50 100 42.2 73 24 15.1 67.0 101 93 35 60 10 100	12/03/2003	L	788.5	5291	D	166.3		21	100		153	70		106	
5/03/2004 H 1163.5 5543 U-ST 205 147.9 (213) 262 (5) 130 134 (2) 33 12/05/2004 L 107.3 5590 U 88.2 116.8 668 12 281 47 29 64 107 13/08/2004 L 1060.2 5654 D-SB 86 15.1 600 93 26 61 92 64 107 21/09/2004 H 1136.2 5680 D 72.1 13.9 39 89 73 24 63 14 24 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 14 50 16 150 163 161 161 161 161 161 161 161 161 161 161	17/06/2003	н	1015.6	5359	U	227.1	60.8		97	197		68	138		
12/05/2004 L 1075.3 5590 U 88.2 11.6.8 668 281 47 2 17 13/08/2004 L 1060.2 5654 D-58 86 15.1 500 93 35 64 10: 21/09/2004 L 1080.2 5654 D-58 86 15.1 500 93 35 64 10: 21/09/2004 H 113.2 5600 D 7.2.1 13.9 73 24 50 73 24 50 73 24 50 73 24 50 73 24 50 74 74 71 67 101 47 71 62 74 71 62 74 71 62 75 70 88 72 58 93 71 67 87 64 70 76 76 77 67 87 64 7 71 75 31 20 80 13 56 75 75 31 20 23 31 130 60	5/08/2003	L	958.5	5393	U	57.1		170	49		146	34		102	
24/06/2004 H 1146.2 5619 U 70.9 17.3 43 111 59 29 76 64 10: 13/08/2004 L 1060.2 5654 D-58 86 15.1 500 93 85 26 61 50 21/09/2004 H 1132.3 5600 D 72.1 13.9 27.9 34 67 101 47 71 5 24/01/2005 L 1164.5 5765 U 55.2 70.1 42 66 102 43 72 58 93 13/04/2005 L 1157.5 5824 D-58 93.5 28.6 42. 66 102 43 72 58 165 116.5 5824 D-58 31.1 206 13.0 130 66 131 130 130 131 130 130 131 130 130 131 130 130 130 130 130 <td>5/03/2004</td> <td>н</td> <td>1163.5</td> <td>5543</td> <td>U-ST</td> <td>205</td> <td>147.9</td> <td> </td> <td>213</td> <td>262</td> <td></td> <td>150</td> <td>184</td> <td></td> <td>39</td>	5/03/2004	н	1163.5	5543	U-ST	205	147.9		213	262		150	184		39
13/08/2004 L 1060.2 5654 D-SB 86 15.1 50 (a) 93 35 (b) 64 103 21/09/2004 L 1132.3 5680 D 72.1 13.9 27.9 34 73 24 61 50 7 24 50 7 24 61 47 71 40 73 24 61 7 40 71 40 70 40 <td< td=""><td>12/05/2004</td><td>L</td><td>1075.3</td><td>5590</td><td>U</td><td>88.2</td><td></td><td>116.8</td><td>68</td><td></td><td>281</td><td>47</td><td></td><td>197</td><td></td></td<>	12/05/2004	L	1075.3	5590	U	88.2		116.8	68		281	47		197	
21/09/2004 H 1132.3 5680 D 72.1 13.9 27.9 34 73 24 50 25/10/2004 L 1088.1 5704 D 44.2 27.9 34 73 24 50 31/12/2004 H 1219.7 5751 U 131.6 87.4 76.4 24 91 15 62 44 165 24/01/2005 L 1184.5 5766 U 55.2 76.4 24 66 91 37 24 70 70 70 66 102 84 29 44 165 18/04/2005 L 1167.5 582.0 0 35.2 31.1 200 80 13 72 56 11 72 56 11 97 11 97 11 97 11 97 11 97 11 91 91 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11	24/06/2004	н	1146.2	5619	U	70.9	17.3		43	111		29	76		
25/10/2004 L 108.1 5704 D 44.2 27.9 34 - 73 24 5 5 31/12/2004 H 1219.7 5751 U 131.6 87.4 76.4 24 67 101 9 47 71 62 7/03/2005 L 1135.9 5752 U-ST 65.3 10.1 76.4 24 66 91 15 62 93 18/04/2005 L 1135.9 582.4 D-S 89.3 4.6 31.1 200 80 13 72 43 72 70/7/2005 L 1167 58.9 0 58.2 31.1 200 76 131 72 43 72 72 70 76 131 72 76 131 130/2007 1 140 131 72 72 73 73 24 73 20 7 73 73 73 73 73 7	13/08/2004	L	1060.2	5654	D-SB	86		15.1	50		93	35		64	103
31/12/2004 H 121.9.7 575.1 U 131.6 87.4 76.4 24 101 47 71 62 16 24/01/2005 L 1164.5 5766 U 55.2 10.1 76.4 24 66 91 15 62 16 18/04/2005 L 1135.9 5824 D-S8 93.9 28.6 42. 66 91 43 72 5 31 707/2005 L 1165 5800 58.2 31.1 200 600 60 102 43 72 5 31 204 80 13 0 56 7 10	21/09/2004	н	1132.3	5680	D	72.1	13.9		39	89		26	61		
24/01/2005 L 1164.5 5766 U 55.2 10.1 76.4 24 66 91 15 L 66 165 18/04/2005 L 1135.9 5824 D-58 93.9 28.6 42 66 28 2.9 58 93 17/06/2005 L 1135.9 5824 D-58 93.9 28.6 42 84 2.9 58 93 17/06/2005 L 1167 588.0 D 58.2 31.1 200 80 13 65 1 12/9/2/005 H 125.0 60.0 102 466 59 1 13 16	25/10/2004	L	1088.1	5704	D	44.2		27.9	34		73	24		50	
7/03/2005 H 1229.8 5795 U-ST 65.3 10.1 42 66 29 44 165 18/04/2005 L 1135.9 5824 D-SB 93.9 28.6 42.0 84 29 58 93 17/06/2005 H 125.2 5867 D 89.3 4.6 60 102 84 29 58 93 17/06/2005 H 125.2 5867 D 58.2 5 600 102 84 72 56 11 97 56 51 600 87 88 13 56 11 98 23 69 14 163 140 163 140 163 141 144 163 163 141 173 200 14 163 141 163 141 163 141 173 201 114 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141 141	31/12/2004	н	1219.7	5751	U	131.6	87.4		67	101		47	71		
18/04/2005 L 1135.9 5824 D-SB 93.9 28.6 42 B 84 29 58 93 17/06/2005 H 1225.2 5867 D 89.3 4.6 11 20 80 13 72 13 12/09/2005 H 125.0 505 10 97 17 57 31.1 20 80 13 56 76 76 87 46 59 76 76 76 87 76 46 59 76 76 76 87 76 <td>24/01/2005</td> <td>L</td> <td>1164.5</td> <td>5766</td> <td>U</td> <td>55.2</td> <td></td> <td>76.4</td> <td>24</td> <td></td> <td>91</td> <td>15</td> <td></td> <td>62</td> <td></td>	24/01/2005	L	1164.5	5766	U	55.2		76.4	24		91	15		62	
17/06/2005 H 1225.2 5867 D 89.3 4.6 31.1 20 102 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 80 13 72 56 131 67 87 80 13 72 69 13/10/2005 L 11 97.112 5 31 204 235 140 163 7 163 163 163 163 161 167 167 167 167 167 167 167 167 167	7/03/2005	Н	1229.8	5795	U-ST	65.3	10.1		42	66		29	44		169
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	18/04/2005	L	1135.9	5824	D-SB	93.9		28.6	42		84	29	ļ	58	93
12/09/2005 H 12500 11 97.0 95.0 97.0 97.0 97.0 97.0 98 23 0.0 69 13/10/2005 L 11 97.0 97.0 12 5 31 98 23 140 163 14/06/2006 L 12257 010 0 102 57.2 400 244 27 167 167 22/02/2007 H 1464.5 6289 U 235.3 133.3 57.2 400 265 8 0 181 16/07/2007 H 1566.3 6388 U 197.6 101.8 132 144 163 23 114 14 16/08/2007 L 1586.5 6419 U 191.3 121.9 158 163 33 143 144 153 145 11/10/2007 H 1586.5 6419 U 115.5 20.2 156 87 143 144 153 145 11/10/2008 L 120.1 663 D 233	17/06/2005	н	1225.2	5867	D	89.3	4.6		60	102		43	72		
13/10/2005 L 11 97 - 112 5 31 98 23 69 5/05/2006 H 133 Includes 50% and 200% 3 57.2 40 235. 140 163 163 14/06/2006 L 122-z 0110 0 102 57.2 40 244 27 167 167 22/02/2007 H 1464.5 6289 U 235.3 133.3 253 293 173 200 167 6/03/2007 L 1368.7 6297 U 95.8 139.5 122 265 8 99 181 16/07/2007 H 1566.3 6388 U 191.6 101.8 6.3 311 163 23 114 141 11/10/2007 H 1586.5 6449 U-ST 211.5 20.2 656 87 214 109 147 11/02/07 H 1586.5 649 U-ST 211.5 127.4 651 617 618 120 414 153 147 <t< td=""><td></td><td></td><td>1167</td><td>5880</td><td>D</td><td>58.2</td><td></td><td>31.1</td><td>20</td><td></td><td>80</td><td>13</td><td></td><td>56</td><td></td></t<>			1167	5880	D	58.2		31.1	20		80	13		56	
5/05/2006 H 133 Includes 50% and 200% 3 204 235 140 163 4 14/06/2006 L 122-2 6110 0 102 57.2 400 235 244 27 167 167 22/02/2007 H 1464.5 6289 U 235.3 133.3 253 293 293 173 200 167 6/03/2007 L 1365.7 6297 U 95.8 139.5 122 265 8 99 181 16/07/2007 H 1566.3 6388 U 197.6 101.8 132.5 144 91 99 144 11/10/2007 H 1586.5 6449 U-ST 211.5 20.2 6.3 311 163 23 114 141 11/10/2007 H 1586.5 649 U-ST 211.5 20.2 566 87 214 109 147 19/05/2008 H 140.7 6602 D 133.4 121.9 158 21 120	12/09/2005	н		5026			<u>- 75</u> 7		67	87		46	59		
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6/03/2007 L 1368.7 6297 U 95.8 139.5 12 265 8 91 99 181 16/07/2007 H 1566.3 6388 U 197.6 101.8 6.3 31 163 91 99 14 16/08/2007 L 137.5 6411 U 191.3 6.3 31 163 23 16 14 91 93 14 11/10/2007 H 1586.5 6449 U-ST 211.5 20.2 56 87 214 109 14 450 17/03/2008 L 1253.1 6558 D 333.4 145.8 63 221 444 153 15 15/07/2008 L 120.1 6643 D 239.7 127.4 27 84 19 60 14 <td></td> <td></td> <td></td> <td>0110</td> <td>0</td> <td></td> <td>I</td> <td>57.2</td> <td></td> <td></td> <td>244</td> <td>27</td> <td></td> <td>167</td> <td></td>				0110	0		I	57.2			244	27		167	
16/07/2007 H 1566.3 6388 U 197.6 101.8 132 144 91 99 14 16/08/2007 L 1375 6411 U 191.3 20.2 311 163 23 0 114 11/10/2007 H 1586.5 6449 U-ST 211.5 20.2 156 87 163 23 61 450 17/03/2008 L 1253.1 6558 D 333.4 20.2 121.9 158 221 109 44 153 147 19/05/2008 H 1440.7 6602 D 187.6 145.8 52.1 57.7 643 24 109 44 153 15 11/08/2008 H 1313.3 6662 D 112.3 127.4 27 84 129 73 92 144 153 144 153 144 153 153 144 153 144 153 144 153 144 153 144 153 144 153 144 153 <td></td> <td>н</td> <td></td> <td></td> <td>U</td> <td></td> <td>133.3</td> <td></td> <td></td> <td>293</td> <td></td> <td>173</td> <td>200</td> <td></td> <td></td>		н			U		133.3			293		173	200		
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17/03/2008 L 1253.1 6558 D 333.4 145.8 121.9 158 221 109 147 19/05/2008 H 1440.7 6602 D 187.6 145.8 63 221 44 153 85 15/07/2008 L 1201 6643 D 239.7 52.1 577 120 41 85 11/08/2008 H 1313.3 6662 D 112.3 127.4 277 84 129 73 92 21/11/2008 L 739 6735 D 574.3 462 102 129 102 92 6/01/2009 H 942 6764 D 203 371.3 73.3 59 105 41 70 920 5/06/2009 H 957.2 6868 U 291.5 15.2 73.3 59 105 41 70 920 5/06/2009 H 957.2 6868 U 291.5 15.2 199.8 33 124 22 63 10					-			6.3			163			114	
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21/11/2008 L 739 6735 D 574.3 A62 102 A66 148 129 73 B 92 102 102 146 148 146 148 29 102 102 29 102 102 29 102 102 29 102 102 29 102 103 104 103 104 103 104 103 104 104 104 104 104 104 104 104 104 104 104 104 104 104 104<					-			52.1			120			85	
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6/03/2009 L 665.7 6805 D-SB 276.3 73.3 59 105 41 70 920 5/06/2009 H 957.2 6868 U 291.5 15.2 91 150 41 63 104 85 8/07/2009 L 865.5 6890 U 91.7 199.8 33 124 22 85 85 11/01/2010 H 1147.9 7019 U 282.4 190.7 187 220 129 151 85 5/02/2010 L 1041 7037 U 106.9 175.5 255 212 18 147 26/04/2010 H 1216.7 7092 U-ST 175.7 68.8 37.9 71 151 49 104 55							074.0	462		140	129		100	92	
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8/07/2009 L 865.5 6890 U 91.7 199.8 33 124 22 85 11/01/2010 H 1147.9 7019 U 282.4 190.7 187 220 129 151 147 5/02/2010 L 1041 7037 U 106.9 175.5 25 212 18 147 26/04/2010 H 1216.7 7092 U-ST 175.7 68.8 37.9 71 151 49 104	·····		• • • • • • • • • • • • • • • • • • • •			• • • • • • • • • • • • • • • • • • • •	15.0	/3.3		150	105		104	/0	920
11/01/2010 H 1147.9 7019 U 282.4 190.7 187 220 129 151 147 5/02/2010 L 1041 7037 U 106.9 175.5 25 212 18 147 26/04/2010 H 1216.7 7092 U-ST 175.7 68.8 37.9 71 151 49 104 104							15.2	100.0		150	104		104	05	
5/02/2010 L 1041 7037 U 106.9 175.5 25 212 18 147 26/04/2010 H 1216.7 7092 U-ST 175.7 68.8 175.5 25 105 73 147 55 55 73 55 55 68.8 107 100 151 49 104 104							100.7	199.8		220	124		151	85	
26/04/2010 H 1216.7 7092 U-ST 175.7 68.8 80 105 55 73 55 6/07/2010 L 1003.1 7141 D 213.6 37.9 71 151 49 104							190.7	175.5		220	212		151	147	
6/07/2010 L 1003.1 7141 D 213.6 37.9 71 151 49 104							69.0	175.5		105	212	1	72	147	
							08.8	27.0		105	151		73	104	55
5/06/2010 H 1127.5 /103 D 124.4 89.2 30 101 22 /1							80.0	37.9		101	151		71	104	
	5/08/2010	н	1127.5	/103	U	124.4	89.2		30	101		22	/1		



					Price			Calen	dar Day	/s	Trading Days			
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	π	BB	тв/вт	_	вв	
2/07/2008	L	3848.25	3399		831.5		521.55	14		22	10		16	
11/07/2008	н	4215.5	3406		367.25	464.25		9	23		7	17		
16/07/2008	L	3790.2	3409	-SB	425.3		58.05	5		14	3		10	
12/08/2008	н	4649.85	3428	-ST	859.65	434.35		27	32		19	22		
28/08/2008	L	4201.85	3439		448		411.65	16		43	11		30	
8/09/2008	н	4558	3445		356.15	91.85		11	27		6	17		
18/09/2008	L	3799.55	3453		758.45		402.3	10		21	8		14	
22/09/2008	н	4303.25	3455		503.7	254.75		4	14		2	10		
27/10/2008	L	2252.75	3478	-SB	2050.5		1546.8	35		39	23		25	
5/11/2008	н	3240.55	3484	-ST	987.8	1062.7		9	44		6	29		
20/11/2008	L	2502.9	3494	-SB	737.65		250.15	15		24	10		16	
22/12/2008	н	3110.45	3514		607.55	130.1		32	47		20	30		
29/12/2008	L	2812.9	3518		297.55		310	7		39	4		24	
7/01/2009	н	3147.2	3525	-ST	334.3	36.75		9	16		7	11		
23/01/2009	L	2661.65	3536		485.55		151.25	16		25	11		18	
13/02/2009	н	2969.75	3550		308.1	177.45		21	37		14	25		
6/03/2009	L	26-3	0 Cale	ndar F	ay Cycle	e	122.2	21		42	14		28	
16/04/2009	н				nd 200%)			41	62		23	37		
22/04/2009	L	(laaco	00700	114 200 /01	·	757.45	6		47	4		27	
12/06/2009	н	4693.2	3626	-ST	1396.3	1181.95		51	57		35	39		
23/06/2009	L	4143.25	3633		549.95		846.35	11		62	7		42	
6/07/2009	н	4479.8	3642		336.55	213.4		13	24		9	16		
13/07/2009	L	3918.75	3647	-SB	561.05		224.5	7		20	5		14	
4/08/2009	н	4731.45	3663		812.7	251.65		22	29		16	21		
19/08/2009	L	4353.45	3674		378		434.7	15		37	11		27	
1/10/2009	н	5110.5	3703		757.05	379.05		43	58		29	40		
6/10/2009	L	4921.05	3705		189.45		567.6	5		48	2		31	
20/10/2009	н	5181.95	3714	-ST	260.9	71.45		14	19		9	11		
3/11/2009	L	4538.5	3723	-SB	643.45		382.55	14		28	9		18	
18/11/2009	н	5079.3	3734		540.8	102.65		15	29		11	20		
27/11/2009	L	4806.7	3741		272.6		268.2	9		24	7		18	
11/12/2009	H	5182.55	3751		375.85	103.25	107.05	14	23		10	17		
21/12/2009	L	4943.95	3757		238.6		137.25	10		24	6		16	
6/01/2010	H	5310.85	3766	-ST	366.9	128.3		16	26		9	15		
8/02/2010	L	4675.4	3789		635.45	10.0	268.55	33	70	49	23	50	32	
19/03/2010	н	5269.95	3816		594.55	40.9		39	72		27	50		

					Cycles/Ranges between Swing Steps									
						Price			dar Da	•	Tra	ding Da	ays	
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	Π	BB	тв/вт	π	BE	
27/02/2002	Н	1205.95	1807	D-ST	356	1.05		159	273		107	187		
2/08/2002	L	935.55	1916	D	270.4		85.6	156		315	109		21	
2/09/2002	н	1024.65	1936	D	89.1	181.3		31	187		20	129		
28/10/2002	L	920.1	1973	D-SB	104.55		15.45	56		87	37		57	
2/01/2003	Н	1105.6	2018	U-ST	185.5	80.95		66	122		45	82		
28/04/2003	L	920	2096	D-SB	185.6		0.1	116		182	78		12	
9/01/2004	Н	2014.65	2277	U-ST	1094.65	909.05		256	372		181	259		
23/03/2004	L	1669.7	2326	U	344.95		749.7	74		330	49		23	
23/04/2004	н	1912.35	2348	U	242.65	102.3		31	105		22	71		
17/05/2004	L	1292.2	2363	D-SB	620.15		377.5	24		55	15		37	
30/12/2004	н	2088.45	2523	U	796.25	176.1		227	251		160	175		
25/01/2005	L	1894.4	2540	U	194.05		602.2	26		253	17		17	
9/03/2005	н	2183.45	2570	U	289.05	95		43	69		30	47		
29/04/2005	L	1896.3	2605	U	287.15		1.9	51		94	35		65	
29/09/2005	Н	2633.9	2712	U	737,6	450.45		153	204		107	142		
28/10/2005		102-120 Ca		-			411.15	29		182	20		12	
11/05/2006	- II	ncludes 50)% an	d 200%	6.7	1140.25		195	224		130	150		
14/06/2006	L	2595.65	2886	U	1178.5		288.2	34		229	24		15	
23/11/2006	н	3976.8	3000	U	1381.15	202.65		162	196		114	138		
13/12/2006	L	3657.65	3014	U	319.15		1062	20		182	14		12	
8/02/2007	Н	4245.3	3051	U-ST	587.65	268.5		57	77		37	51		
5/03/2007	L	3554.5	3067	D-SB	690.8		103.15	25	 	82	16		53	
24/07/2007	н	4647.95	3164	U	1093.45	402.65		141	166		97	113		
17/08/2007	L	4002.2	3181	U	645.75		447.7	24		165	17		11	
8/01/2008	Н	6357.1	3280	U-ST	2354.9	1709.15		144	168		99	116		
18/03/2008	L	4468.55	3329	U	1888.55		466.35	70		214	49		14	
2/05/2008	н	5298.85	3357	U	830.3	1058.25		45	115		28	77		
16/07/2008	L	3790.2	3409	D	1508.65		678.35	75		120	52		80	
12/08/2008	н	4649.85	3428	D	859.65	649		27	102		19	71		
27/10/2008	L	2252.75	3478	D-SB	2397.1		1537.45	76		103	50		69	
7/01/2009	н	3147.2	3525	D	894.45	1502.65		72	148		47	97		
6/03/2009	L	2539.45	3564	D	607.75		286.7	58		130	39		86	
12/06/2009	н	4693.2	3626	U	2153.75	1546		98	156		62	101		
13/07/2009	L	3918.75	3647	U	774.45		1379.3	31		129	21		83	
20/10/2009	н	5181.95	3714	U	1263.2	488.75		99	130		67	88		
3/11/2009	L	4538.5	3723	U	643.45		619.75	14		113	9		76	
6/01/2010	H	5310.85	3766	U-ST	772.35	128.9		64	78		43	52		
8/02/2010	L	4675.4	3789	U	635.45		136.9	33		97	23		66	
19/03/2010	н	5269.95	3816	U	594.55	40.9		39	72		27	50		

PACE (UK Stock)

	Cycles/Ranges between Swing Steps Cyc											Cycles/		
						Price		_	dar Dav	_		ing Da	ays	Price
Date	H/L	Price	TD	Trend	тв/вт	π	BB	тв/вт	Π	BB	тв/вт	π	BB	тв/вт
2/05/2009	L	50.75	1640	D	180.35		0.5	21		30	16		21	
10/05/2009	н	222	1645	D	171.25	9.1		8	29		5	21		
2/06/2009	L	50.5	1660	D-SB	171.5		0.25	23		31	15		20	180.6
10/06/2009	н	225.1	1666	U	174.6	3.1		8	31		6	21		
1/07/2009	L	52	1680	U	173.1		1.5	21		29	14		20	
10/07/2009	н	230.5	1686	U	178.5	5.4		9	30		6	20		
1/08/2009	L	52.5	1703	U	178		0.5	22		31	17		23	
10/08/2009	н	233.7	1709	U-ST	181.2	3.2		9	31		6	23		183.2
2/09/2009	L	51	1724	D-SB	182.7		1.5	23]	32	15		21	182.7
17/09/2009	Н	243.8	1736	U-ST	192.8	10.1		15	38		12	27		192.8
2/10/2009	L	52.5	1746	U	191.3		1.5	15		30	10		22	
15/10/2009	н	235.6	1756	U	183.1	8.2		13	28		10	20		
2/11/2009	L	52	1768	D	183.6		0.5	18		31	12		22	
9/11/2009	н	233.4	1773	D	181.4	2.2		7	25		5	17		
1/12/200					D		3	22		29	15		20	194.8
10/12/200					r Days	000/		9	31		6	21		186.3
6/01/201	D	oes NC		ude o	0% or 2	00%	105.6	27		36	17		23	80.7
13/01/2010	Н	207	1813	U-ST	52.4	28.3		7	34		2	19		52.4
6/02/2010	L	154.8	1828	U	52.2		0.2	24		31	15		17	
2/03/2010	н	200.8	1840	U	46	6.2		24	48		12	27		
15/03/2010	Н	195.7	1843	U-ST	5.1	40.9		13	37		3	15		11.3
23/03/2010	L	184.2	1849	D-SB	11.5		16.6	8		21	6		9	11.5
1/04/2010	Н	213.8	1856	U-ST	29.6	18.1		9	17		7	13		29.6
6/04/2010	L	153.4	1860	D-SB	60.4		30.8	5		14	4		11	60.4
15/04/2010	н	200.3	1863	D	46.9	13.5		9	14		3	7		
21/04/2010	L	186.7	1867	D	13.6		33.3	6		15	4		7	
1/05/2010	Н	221	1875	U-ST	34.3	20.7		10	16		8	12		67.6
20/05/2010	L	154.5	1885	D	66.5		32.2	19		29	10		18	
1/06/2010	н	213.3	1892	D	58.8	7.7		12	31		7	17		
18/06/2010	L	147.4	1900	D	65.9		7.1	17		29	8		15	
1/07/2010	н	209	1909	D	61.6	4.3		13	30		9	17		
5/07/2010	L	145	1911	D	64		2.4	4		17	2		11	
23/07/2010	н	189.4	1922	D	44.4	19.6		18	22		11	13		
1/08/2010	н	208.7	1923	D-ST	19.3	63.7		9	27		1	12		12.3
4/09/2010	н	201	1931	D	7.7	11.6		34	43		8	9		
2/10/2010	н	182.1	1934	D	18.9	26.6		28	62		3	11		
1/11/2010	н	208	1938	D	25.9	7		30	58		4	7		
1/12/2010	н	207.8	1943	D	0.2	25.7		30	60		5	9		
5/12/2010	L	168.8	1947	D	39		39.2	4		34	4		9	