



AUTHORITY22[®]

Pattern Information

Date	5/12/2010
Pattern Type	Sport
Pattern Difficulty	Medium
Pattern Designer	KW/PM

Surface Information

Surface Type	Wood
Surface Brand	Moisture Cure Urethane
Age	20+

Pattern Parameters

Pattern Number	2
Pattern Name	5th CTBC, LONG
Mode	Clean & Oil
Forward Speed	Max Clean/Reduced
Start Cleaner Spray	0
Start Squeegee	0
Start Oiling	6
Split Pattern	No

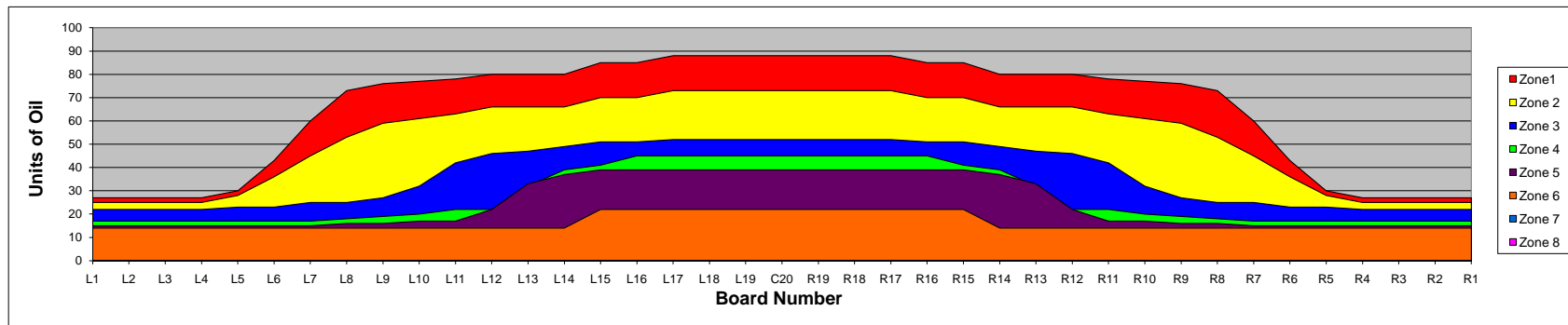
Supplies Information

Lane Cleaner	TBC
Cleaner Mixture Ratio	4 : 1
Cleaner Transition Distance	44
Lane Conditioner	TBC

Notes LONG pattern for the 5th Commonwealth Tenpin Bowling Championship 2011, Kuala Lumpur, Malaysia. (42ft pattern)

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8
Zone End Distance	6	13	22	28	32	39	42	
Zone Ratio	L 2.3 : 1	2.2 : 1	2.2 : 1	2.6 : 1	2.6 : 1	1.5 : 1	### : 1	### : 1
	R 2.3 : 1	2.2 : 1	2.2 : 1	2.6 : 1	2.6 : 1	1.5 : 1	### : 1	### : 1

ZONE	7 Pin Side														Board Number												10 Pin Side													
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	C20	R19	R18	R17	R16	R15	R14	R13	R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2	R1	
1	27	27	27	27	30	43	60	73	76	77	78	80	80	80	85	85	88	88	88	88	88	88	88	85	85	80	80	80	78	77	76	73	60	43	30	27	27	27	27	
2	25	25	25	25	28	36	45	53	59	61	63	66	66	66	70	70	73	73	73	73	73	73	70	70	66	66	66	63	61	59	53	45	36	28	25	25	25	25	25	
3	22	22	22	22	23	23	25	25	27	32	42	46	47	49	51	51	52	52	52	52	52	52	51	51	49	47	46	42	32	27	25	25	23	23	22	22	22	22	22	
4	17	17	17	17	17	17	17	18	19	20	22	22	32	39	41	45	45	45	45	45	45	45	45	41	39	32	22	22	20	19	18	17	17	17	17	17	17	17	17	
5	15	15	15	15	15	15	15	16	16	17	17	22	33	37	39	39	39	39	39	39	39	39	39	39	37	33	22	17	17	16	16	15	15	15	15	15	15	15	15	
6	14	14	14	14	14	14	14	14	14	14	14	14	14	14	22	22	22	22	22	22	22	22	22	22	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8																																								





5th CTBC, LONG

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Crosswise Ratios

	Zone 1	Average	Ratio
3L-7L	Left =	37.4	2.3
3R-7R	Right=	37.4	2.3
18L-18R	Center =	88.0	

	Zone 5	Average	Ratio
3L-7L	Left =	15.0	2.6
3R-7R	Right=	15.0	2.6
18L-18R	Center=	39.0	

	Zone 2	Average	Ratio
3L-7L	Left =	31.8	2.2
3R-7R	Right=	31.8	2.2
18L-18R	Center=	73.0	

	Zone 6	Average	Ratio
3L-7L	Left =	14.0	1.5
3R-7R	Right=	14.0	1.5
18L-18R	Center=	22.0	

	Zone 3	Average	Ratio
3L-7L	Left =	23.0	2.2
3R-7R	Right=	23.0	2.2
18L-18R	Center=	52.0	

	Zone 7	Average	Ratio
3L-7L	Left =	0.0	#DIV/0!
3R-7R	Right=	0.0	#DIV/0!
18L-18R	Center =	0.0	

	Zone 4	Average	Ratio
3L-7L	Left =	17.0	2.6
3R-7R	Right=	17.0	2.6
18L-18R	Center =	45.0	

	Zone 8	Average	Ratio
3L-7L	Left =	#DIV/0!	#DIV/0!
3R-7R	Right=	#DIV/0!	#DIV/0!
18L-18R	Center=	#DIV/0!	

The crosswise ratios are calculated by the average units of oil for boards 18L - 18R and divided by the average units of oil for board 3 - 7 left and right.

Lengthwise Ratio By Area

	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.1	1.2	1.1
Zone 3	1.6	1.6	1.6
Zone 4	2.2	1.9	2.2
Zone 5	2.4	2.2	2.4
Zone 6	2.6	4.0	2.6
Zone 7	#DIV/0!	#DIV/0!	#DIV/0!
Zone 8	#DIV/0!	#DIV/0!	#DIV/0!



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Lengthwise Ratio By Board

Zone	7 Pin Side														Board Number												10 Pin Side															
	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	C20	R19	R18	R17	R16	R15	R14	R13	R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2	R1			
2	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1			
3	1.2	1.2	1.2	1.2	1.3	1.9	2.4	2.9	2.8	2.4	1.9	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.9	2.4	2.8	2.9	2.4	1.9	1.3	1.2	1.2	1.2	1.2				
4	1.6	1.6	1.6	1.6	1.8	2.5	3.5	4.1	4.0	3.9	3.5	3.6	2.5	2.1	2.1	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.1	2.1	2.5	3.6	3.5	3.9	4.0	4.1	3.5	2.5	1.8	1.6	1.6	1.6	1.6				
5	1.8	1.8	1.8	1.8	2.0	2.9	4.0	4.6	4.8	4.5	4.6	3.6	2.4	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2	2.4	3.6	4.6	4.5	4.8	4.6	4.0	2.9	2.0	1.8	1.8	1.8	1.8				
6	1.9	1.9	1.9	1.9	2.1	3.1	4.3	5.2	5.4	5.5	5.6	5.7	5.7	5.7	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.9	5.7	5.7	5.7	5.6	5.5	5.4	5.2	4.3	3.1	2.1	1.9	1.9	1.9	1.9			
7	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	
8	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####	####

The lengthwise ratios are calculated from the volumes in the first zone.