RECREATION
SERIES

KEGEL NAVIGATION PATTERNS

STONE STREET
9642

Like Wall Street, the area to play this pattern is very defined but its prime location is just outside a couple boards from its travel companion.

Some might refer to this pattern as a "Stone Wall" since it fits into USBC's Red pattern category.

Latitude Ratio Coordinates
22' 9.6 to 1
40' 4.1 to 1

Longitude Ratio Coordinates
Outside Taper 1.7 to 1
Inside Taper 3.7 to 1

Pattern Distance
42 Feet

Pattern Volume
Forward 11.50 mL
Reverse 11.65 mL
Total 23.15 mL

STONE STREET
9642

Latitude Ratio Coordinates

22’ 9.6 to 1
40’ 4.1 to 1

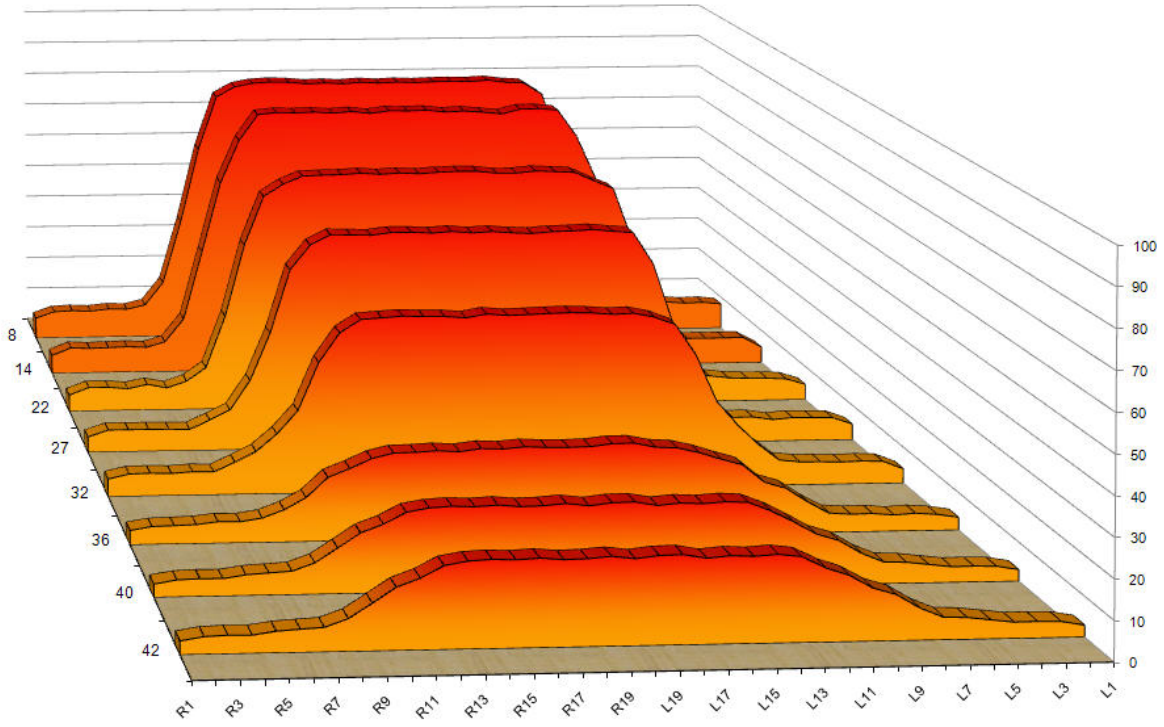
The 2D chart below was generated by Lane Monitor showing select tapes and ratios at key distances throughout the pattern. USBC Sport Bowling ratios are calculated at 22’ and 2’ before the end of the pattern. All Latitude Ratio Coordinates are calculated from these two distances.

Latitude ratios in the last half of the pattern can be an indicator of the difficulty of a pattern. Generally, the lower the ratios down lane, the more difficult the pattern.

Longitude Ratio Coordinates

Outside Taper 1.7 to 1
Inside Taper 3.7 to 1

The 2D chart below was generated by taking tapes every foot of the pattern. This gives a visual of how the conditioner tapers off from the front to the end of the pattern.



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Kegel Sanction Technology™ Lane Machine Settings

Oil per Board (Pump Setting): 50 µL

Pattern Distance: 42 feet

Reverse Drop Brush: 42 feet

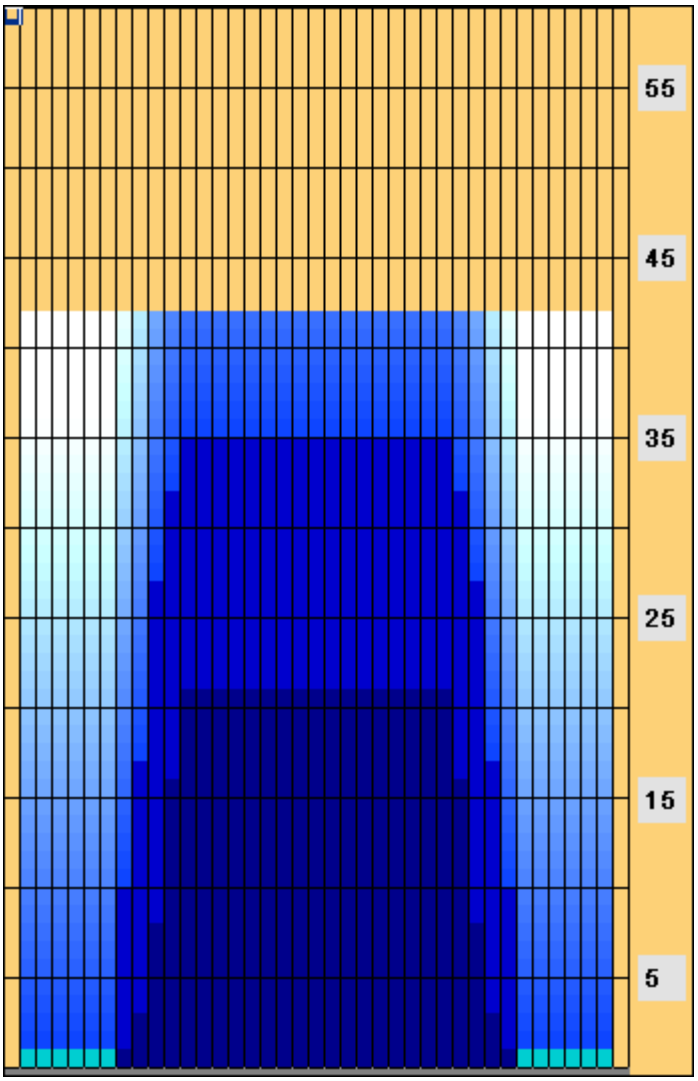
Forward Settings									
Screen #	Left End of Stream	Right End of Stream	# Loads or Streams	Travel Speed (in/sec)	Beginning Distance of Load (feet)	Ending Distance of Load (feet)	# Boards Crossed per Load	Total Boards Crossed	Total Volume of Oil (µL)
01F	2	2	2	14.00	0.00	1.90	37	74	3700
02F	9	9	1	14.00	1.90	3.80	23	23	1150
03F	10	10	2	18.00	3.80	8.90	21	42	2100
04F	11	11	3	18.00	8.90	16.50	19	57	2850
05F	12	12	2	18.00	16.50	21.60	17	34	1700
06F	2	2	0	18.00	21.60	34.00	0	0	0
07F	2	2	0	26.00	34.00	38.00	0	0	0
08F	2	2	0	30.00	38.00	42.00	0		0
09F									
Forward Buff Screens: 3			Forward # Boards Crossed | Volume mL					230	11.50
Reverse Settings									
Screen #	Left End of Stream	Right End of Stream	# Loads or Streams	Travel Speed (in/sec)	Beginning Distance of Load (feet)	Ending Distance of Load (feet)	# Boards Crossed per Load	Total Boards Crossed	Total Volume of Oil (µL)
01R	2	2	0	30.00		35.00			
02R	12	12	1	18.00	35.00	32.50	17	17	850
03R	11	11	2	18.00	32.50	27.40	19	38	1900
04R	10	10	4	18.00	27.40	17.20	21	84	4200
05R	9	9	3	18.00	17.20	9.60	23	69	3450
06R	8	8	1	14.00	9.60	7.70	25	25	1250
07R	2	2	0	10.00	7.70	0.00	0	0	0
08R									
09R									
			Reverse # Boards Crossed | Volume mL					233	11.65
			Forward plus Reverse Boards Crossed | Volume mL					463	**23.15**

KOSI

KEGEL NAVIGATION PATTERNS

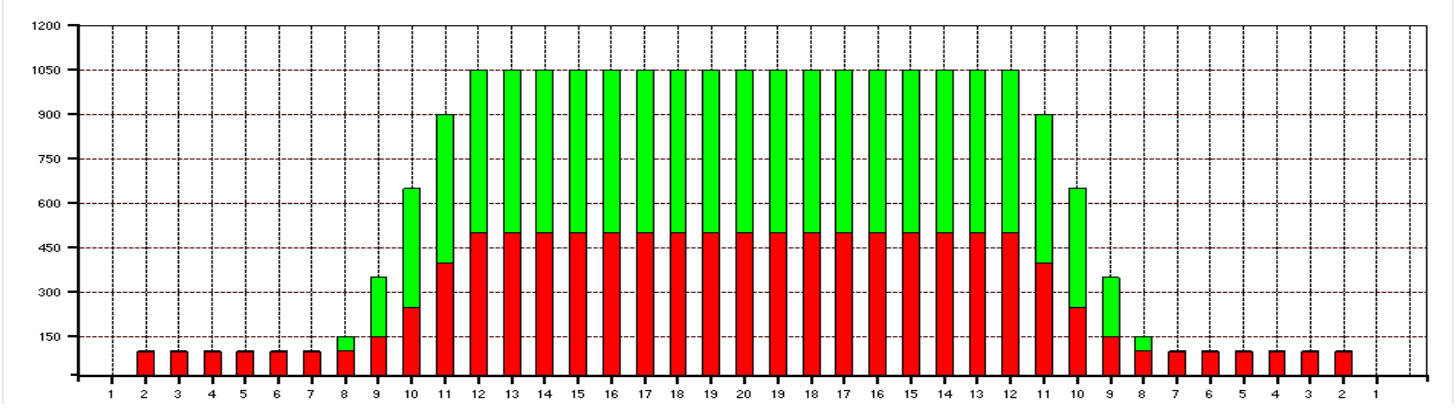
RECREATION SERIES

STONE STREET
9642



The charts on this page are generated by Kegel's KOSI software from the lane machine program sheet.

The **OVERHEAD CHART** on the right shows where the conditioner is applied on both the forward and reverse screens. The gradient area is a calculation of how the conditioner might bleed off the buffer brush.

The **COMPOSITE GRAPH** below shows the total amount of conditioner applied to every board. A good way to think about this graph is to envision all the conditioner on the lane being pushed back to the foul line. Once all the conditioner is stacked up, this is what it would look like.

KOSI