



**RECREATION**  
SERIES

# **KEGEL** NAVIGATION PATTERNS





### **BOURBON STREET 6240**

Kegel's reverse drop function is used for this pattern which provides more shots up front while also making the shot more open downlane.

So just like the famous street in New Orleans, once the shot's start flowing, you can really let loose and have a good time when playing on Kegel's Bourbon Street.

#### **Latitude Ratio Coordinates**

22' 6.2 to 1

38' 6.7 to 1

#### **Longitude Ratio Coordinates**

Outside Taper 5.0 to 1

Inside Taper 4.0 to 1

#### **Pattern Distance**

40 Feet

#### **Pattern Volume**

Forward 15.60 mL

Reverse 7.85 mL

Total 23.45 mL



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#### Latitude Ratio Coordinates

22' 6.2 to 1  
38' 6.7 to 1

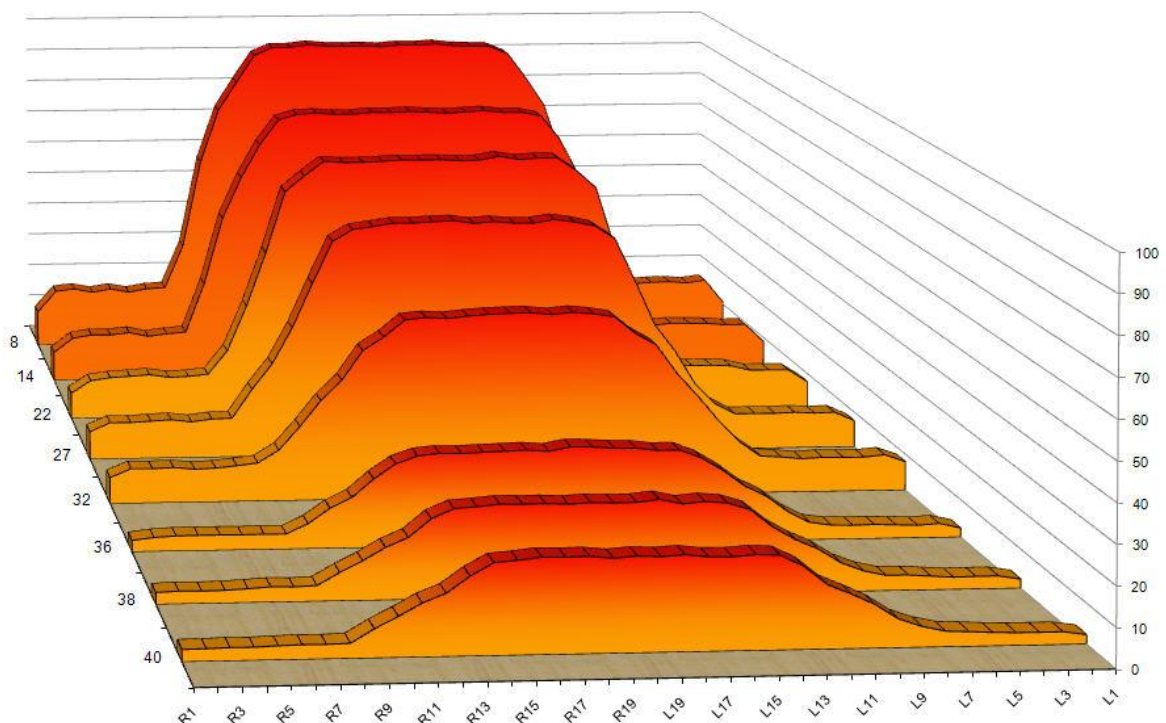
The 2D chart below was generated by Lane Monitor showing select tapes and ratios at key distances throughout the pattern. USBC Sport Bowling ratios are calculated at 22' and 2' before the end of the pattern. All Latitude Ratio Coordinates are calculated from these two distances.

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 5.0 to 1  
Inside Taper 4.0 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  $\mu$ L

Pattern Distance: 40 feet

Reverse Drop Brush: 34 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 ( $\mu$ L)	
01F	2	2	3	14.00	0.00	1.90	37	111	5550	
02F	9	9	1	18.00	3.90	6.40	23	23	1150	
03F	10	10	3	18.00	6.40	14.00	21	63	3150	
04F	11	11	3	18.00	14.00	21.60	19	57	2850	
05F	13	13	3	18.00	21.60	29.20	15	45	2250	
06F	14	14	1	22.00	29.20	32.30	13	13	650	
07F	2	2	0	22.00	32.30	34.00	0	0	0	
08F	2	2	0	26.00	34.00	40.00	0	0	0	
09F										
Forward Buff Screens: 2			Forward # Boards Crossed   Volume mL					312	15.60	
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 ( $\mu$ L)	
01R	2	2	0	30.00		30.00				
02R	14	14	1	22.00	30.00	26.90	13	13	650	
03R	13	13	3	18.00	26.90	19.30	15	45	2250	
04R	11	11	3	18.00	19.30	11.70	19	57	2850	
05R	10	10	2	14.00	11.70	7.80	21	42	2100	
06R	2	2	0	10.00	7.80	0.00	0	0	0	
07R										
08R										
09R										
Reverse # Boards Crossed   Volume mL								157	7.85	
<b>Forward plus Reverse Boards Crossed   Volume mL</b>								<b>469</b>	<b>23.45</b>	





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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.

