Machine Problem 2 Report

Benjamin Gabay

926006902

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Based on the data below, using the slopes of each, a call through the channel request takes approximately 37 times longer than a local call.

Number of Calls	Request Call (microseconds)	Local Call Time (microseconds)
1	238	17
12	1067	24
23	1393	42
34	2038	60
45	2726	79
56	3493	98
67	4064	115
78	4821	133
89	5391	152
100	6163	171

Chart Title

$y = 651.99x - 446.53$

$y = 17.703x - 8.2667$

Legend:
- Channel Request Call
- Local Call
- Linear (Channel Request Call)
- Linear (Channel Request Call)
- Linear (Channel Request Call)
- Linear (Local Call)
- Linear (Local Call)

X-axis: Number of Calls
Y-axis: Microseconds