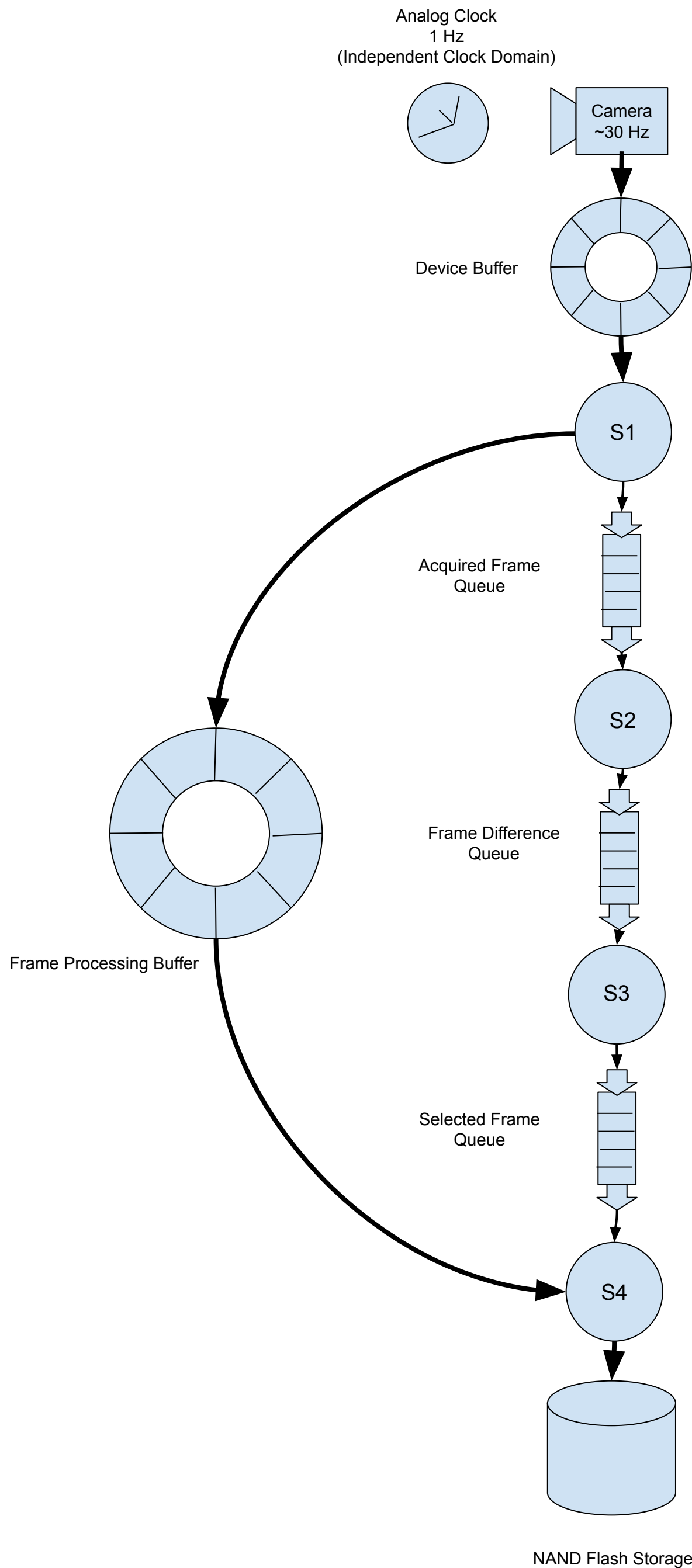


Preliminary Service Diagram for Visual Synchronome of 1Hz Analog Clock



Sequencer	
Frequency (f)	30 Hz
Core	1

Frame Acquisition	
Frequency (f)	6 Hz
Period (T)	5
Estimated WCET (C)	2
Core	2

Frame Differencing	
Frequency (f)	2 Hz
Period (T)	15
Estimated WCET (C)	6
Core	3

Frame Selection	
Frequency (f)	2 Hz
Period (T)	15
Estimated WCET (C)	1
Core	3

Frame Storage	
Frequency (f)	1 Hz
Period (T)	30
Estimated WCET (C)	3
Core	3