

# Pyonpyon3 Behavioral Program:

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## Inputs

## Outputs

### Sound

Sound AO: Audio output (if output from DAQ card)

Sound card: Sound card number (if output from computer sound card—up to ?10ms jitter)

### Shock Intensity

Shock intensity AO:

### Code/LED DO (and Tone gate PFI)

Trial Type Number								Current State				Null	Sw	Tone	Stim
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

Bit 0: Stimulation gate (LED output)

Bit 1: Tone gate (LED output)

[Tone gate PFI: PFI channel same as bit 1 above, used to trigger sound analog output]

Bit 2: Sw1/animal left (LED output)

Bit 3: Reward

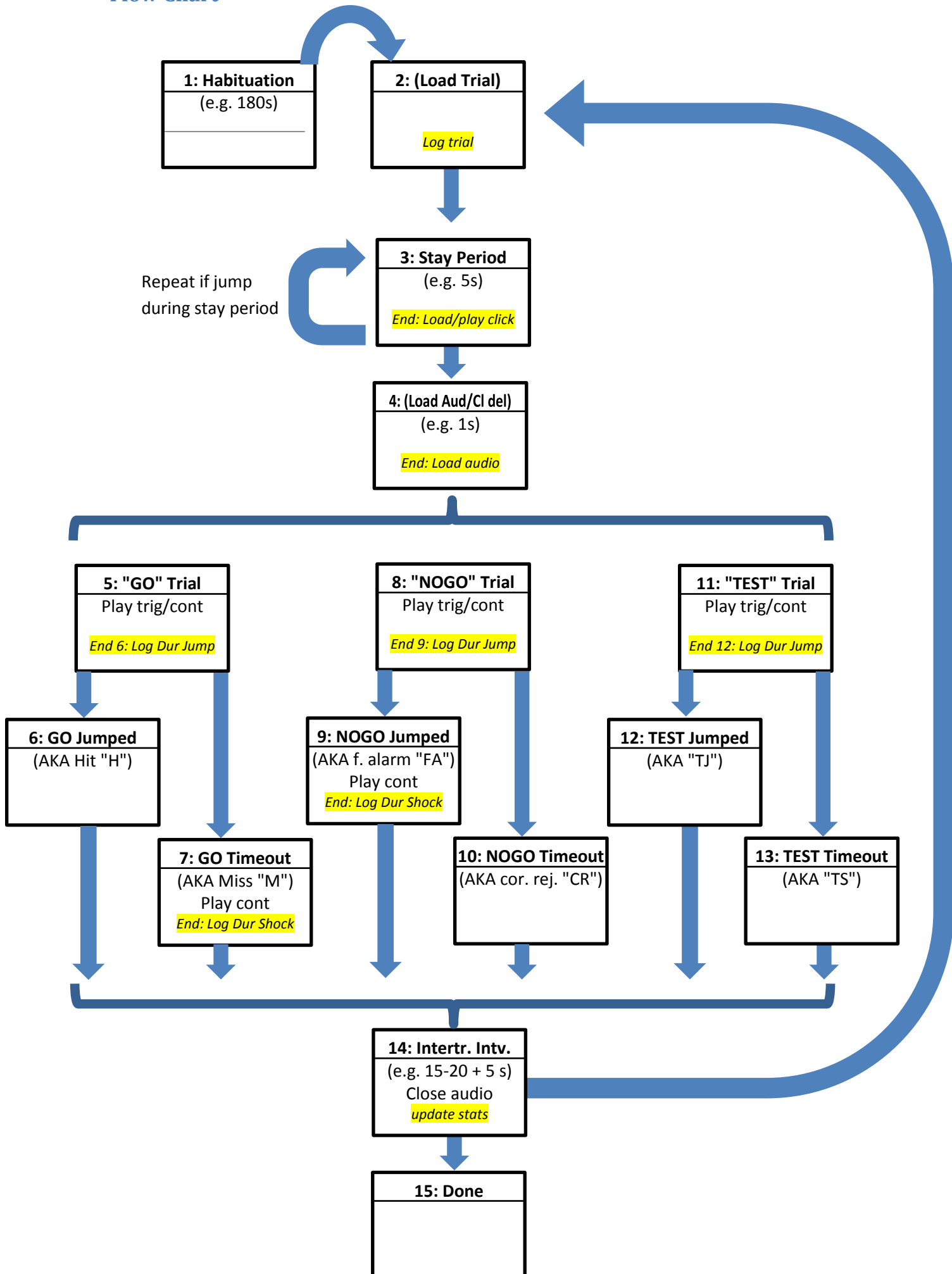
Bit 4-7: Current trial state

Bit 8-15: Current stimulus trial type

### Switches DI

### Webcam

## Flow Chart



**Preparation code**