

Absolute dynamic acceleration (all axes)
> rest threshold (0.03 g)

no

Rest

yes

Surge, static acceleration
 $\geq$ snuffle threshold (0.345 g)

no

Heave, max. amplitude (periodicity)
 $\geq$ trot threshold (0.664 g)

yes

Snuffle

no

Walk

yes

Trot

