SUSTAINED VIGILANCE:

I.

SIGNAL DETECTION DURING A 24-HOUR CONTINUOUS WATCH

Baker, R. A; Ware, J. R; Sipowicz, R. R.

2 groups, each with 10 Ss monitored a briefly interrupted, continuous light source. Similar to findings with shorter sessions, there was general decrement in detection as function of time on watch. Efficiency was lowest after 16-18 hr. Decrement was not as rapid as expected from prior research. Short, periodic partial recovery was noted.