

**S1 Table. Rest in lateral and prone positions in fur seals in seawater.**

	Seal A	Seal B	Seal C	Seal D	Sum
Number of experimental days during which the behavioral (video) data were collected <sup>a</sup>	11	13	11	10	45
Amount of REST in <sup>b</sup> (min)	Seal A	Seal B	Seal C	Seal D	-
Lateral position, R-side	609	1058	568	1329	-
Lateral position, L-side	889	1066	873	1265	-
Prone position	342	1158	0	0	-
Lateral position, R+L sides	1498	2124	1442	2593	-
All positons	1841	3282	1442	2593	
Amount of REST in <sup>c</sup> (% of total rest time)	Seal A	Seal B	Seal C	Seal D	Mean $\pm$ SEM (n=4)
Prone position	19%	35%	0%	0%	13 $\pm$ 8%
Lateral position, R+L sides	81%	65%	100%	100%	87 $\pm$ 8%
REST in the lateral position on the right side (% rest on both sides)	41%	50%	39%	51%	45 $\pm$ 3%
Amount of REST in <sup>d</sup> (% of 24-h)	Seal A	Seal B	Seal C	Seal D	Mean $\pm$ SEM (n=4)
Lateral position, R-side	11.5%	17.0%	10.8%	27.7%	16.7 $\pm$ 3.9%
Lateral position, L-side	16.8%	17.1%	16.5%	26.3%	19.2 $\pm$ 2.4%
Prone position	6.4%	18.6%	0.0%	0.0%	6.2 $\pm$ 4.4%
Lateral position, R+L sides	28.4%	34.0%	27.3%	54.0%	35.9 $\pm$ 6.2%
Total Rest Time	34.8%	52.6%	27.3%	54.0%	42.2 $\pm$ 6.6%
Number of experimental days during which the data were collected	Seal A	Seal B	Seal C	Seal D	Sum
Behavioral and electrophysiological	10	6	6	10	32
Behavioral and electrophysiological, and the seal rested in a prone position	4	1	0	0	5

Amount of SLEEP that occurred in a prone position (min) <sup>e</sup>	424	72			
Amount of SLEEP in a prone position analyzed (min) <sup>f</sup>	337	51			
Total SLEEP time analyzed (%)	80%	71%			

The amounts of rest and sleep recorded in four fur seals in seawater over the entire study period.

<sup>a</sup> Behavior of 4 fur seals (A-D) was scored in 45 complete days (24 hours) of 46 days during which the seals were in seawater. For 1 day, the recording was not conducted due to technical problems.

<sup>b</sup> Amount of REST in min for the entire period of recording in each seal (shown above).

<sup>c</sup> Amount of REST in the lateral and prone positions as a percent of the total amount of rest or amount of rest in the lateral position on both sides for the entire period of recording in each seal (shown above) and mean  $\pm$  standard error for all 4 seals.

<sup>d</sup> Amount of REST as a percent of 24-h for each seal and mean  $\pm$  standard error for all 4 seals.

<sup>e</sup> Amount of sleep which occurred in the prone position during 4 days for seal A and 1 day for seal B.

<sup>f</sup> Amount of sleep for which the association between USWS and eye state was examined.