16 & 17. Short-snouted (*Hippocampus hippocampus*) & Spiny (*H. guttulatus*) seahorse

Sensitivity Assessment

The combined assessment for the short-snouted and spiny seahorse was retrieved from the 2021 MaRLIN assessment of the short-snouted seahorse. Assessed by MaRLIN see Sabatini, M., Nash, R.A. & Ballerstedt, S. (2021) *Hippocampus hippocampus* Short snouted seahorse. In Tyler-Walters H. and Hiscock K. (eds) *Marine Life Information Network: Biology and Sensitivity Key Information Reviews*, [on-line]. Plymouth: Marine Biological Association of the United Kingdom. [cited 10-05-2024]. Available from: https://www.marlin.ac.uk/species/detail/1788 (Accessed 23rd January 2023).

Table A11.16/17. Sensitivity assessment for short snouted seahorse (*Hippocampus hippocampus*) and spiny seahorse (*H. guttulatus*). Associated sectors include activities related to offshore renewable energy (O), Fishing (F), or shipping (S). NR = not relevant, NA = not assessed, NEv = no evidence, H = high, M = medium, L = low, VL = very low, N = none, NS = not sensitive.

Pressures		**Associated sector(s)**	**Resistance**				**Resilience**				**Sensitivity**			
Classification	**Pressure type**		**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	DoC
Physical	Physical loss (to land or freshwater habitat)	O	N	H	H	H	VL	H	H	H	H	NR	NR	NR
	Physical change (to another seabed type)	O, F	H	M	M	M	H	H	H	H	NS	L	L	L

Pressures		Associated sector(s)	Resistance				Resilience				Sensitivity			
Classification	**Pressure type**		**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	DoC
	Physical change (to another sediment type)	O, F	H	L	NR	NR	H	H	H	H	NS	L	L	L
	Habitat structure change-removal of substratum (extraction)	O	H	L	NR	NR	H	H	H	H	NS	L	L	L
	Abrasion/disturbance of substratum surface or seabed	O, F	L	H	M	M	M	M	M	M	M	M	M	M
Physical	Penetration or disturbance of substratum subsurface	O, F	L	L	NR	NR	M	M	M	M	M	L	L	L
	Changes in suspended solids (water clarity)	O, F	M	L	NR	NR	H	M	M	M	L	L	L	L

Pressures		Associated sector(s)	Resistance				Resilience				Sensitivity			
Classification	**Pressure type**		**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	DoC
	Smothering and siltation changes (light)	O	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	Smothering and siltation changes (heavy)	O	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	Underwater noise	O, F, S	M	M	M	M	L	M	M	M	L	M	M	M
	Electromagnetic energy	O	NEv	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	Barrier to species movement	O, F	NEv	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
	Death or injury by collision	O, F, S	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Hydrological	Water flow changes	O	M	L	NR	NR	H	M	M	M	L	L	L	L

Pressures		Associated sector(s)	Resistance				Resilience				Sensitivity			
Classification	**Pressure type**		**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	DoC
Chemical	Transition elements & organo-metal contamination	O, F, S	NA	NR	NR	NR	NA	NR	NR	NR	NA	NR	NR	NR
	Hydrocarbon & PAH contamination	O, F, S	NA	NR	NR	NR	NA	NR	NR	NR	NA	NR	NR	NR
	Synthetic compound contamination	O, F, S	NA	NR	NR	NR	NA	NR	NR	NR	NA	NR	NR	NR
Chemical	Introduction of other substances	O, F, S	NA	NR	NR	NR	NA	NR	NR	NR	NA	NR	NR	NR
	Deoxygenation	O	NA	NR	NR	NR	NA	NR	NR	NR	NA	NR	NR	NR
Biological	Introduction or spread of invasive non-indigenous species	O, F, S	N	L	NR	NR	M	M	M	M	M	L	L	L

Pressures		Associated sector(s)	Resistance				Resilience				Sensitivity			
Classification	**Pressure type**		**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	**DoC**	**Score**	**QoE**	**AoE**	DoC
	Removal of target species	F	L	H	H	H	M	M	M	M	M	M	M	M
	Removal of non-target species	F	L	H	M	M	M	M	M	M	M	M	M	M