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S6 Table

Initial and boundary conditions for laminar and turbulent simulations,
 where S: Slip, ZG: Zero Gradient, ZNG: Zero Normal Gradient, FV: Fixed Value, IO:
 Input Output, TIKEI: Turbulent Intensity Kinetic Energy Inlet, TMLFI: Turbulent
 Mixing Length Frequency Inlet.

Flow type	Parameter	Initial Value	Surrounds	Seafloor	Inlet	Outlet
Laminar	reference pressure (p_{ref})	0 Pa	S	ZG	ZG	FV
	velocity (u)	0.01 m s^{-1}	S	(0 0 0)	FV	ZNG
	temperature (T)	299 K	S	FV	FV	ZG
Turbulent	turbulent kinetic energy (k)	$10^{-10} \text{ m}^2 \text{ s}^{-2}$	ZG	TIKEI	IO	ZG
	turbulent specific dissipation rate (ω)	$5 \times 10^{-4} \text{ s}^{-1}$	ZG	TMLFI	IO	ZG