

Shelton Fish Descender™ SFD™

Recompressing inflated fish's air bladder.



An S shaped wire hook clip to descend bloated fish to re-compression depth. The clip is attached inline approximately 1 to 3 foot above your standard weighted fishing rigs. It is always inline and ready for the angler to release bloated fish that need to be returned safely to deep water. The design is simple and has a S shape hook loop that hooks through the fish's lower lip and holds the fish securely until the line is pulled which turns the fish upwards and allows the SFD™ to pop out. The SFD™ offers minimum recovery time because of the almost immediate attachment to the fish and descent of the fish by the angler while fishing using his existing fishing gear. Lower the fish between a minimum of 33 feet and the bottom before releasing. At just over 30 feet the pressure will change by one atmosphere and will assist in recompressing the fish's air bladder. When the fish is released the angler is able to continue fishing with minimum loss of fishing time. The SFD™ allows the fish to be lowered in the normal swim position to avoid disorientation confusion by the fish. It keeps the fish's mouth slightly ajar and the decent allows water to move across the gills to remove oxygen and pass CO₂ to aid in quick recovery. It jolts and shocks the fish at the time of the release and surges it forward when releasing to help the fish get safely on its way. It allows a positive finger controlled descent to counter the action of the up and down swells as they move the boat up and down. It allows for the fish to signal you by tugging on the line when it's ready to be released because it has sufficiently recovered or it senses danger from an approaching predator fish or a jellyfish.



SFD™



Should I reel in fish hooked in deep water quickly or slowly? The longer it takes to land a fish, the more stress it experiences. Quickly landing a fish gives it more energy because of less oxygen depletion which allows quicker recovery time after re-compression and quicker reoxygenation.

Slowly reeling in a fish from deep water does not give a fish enough time to compensate for the change in pressure. Compensate for pressure differences requires time for a fish in more than 30 feet when pulled to the surface. Instead, prolonging the time it takes to land and release the fish, increases the amount of stress, oxygen depletion and air bladder inflation the fish will have.