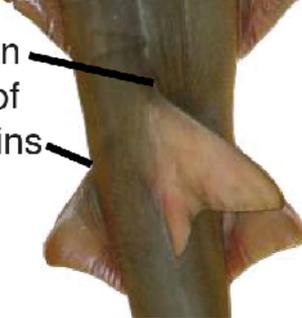


## Attaching a satellite tag to a sawfish

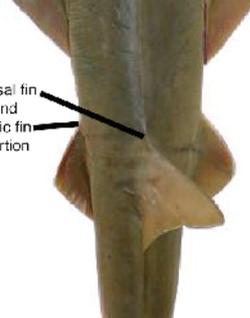
1. Only attach the tag to a sawfish that is larger than 180cm without the saw.
2. Species ID – choice of tag:

Dorsal fin  
in front of  
pelvic fins



Dorsal fin starts in front of pelvic fins  
→ use a FRESHWATER tag  
(Freshwater sawfish only)

Dorsal fin  
behind  
pelvic fin  
insertion



Dorsal fin starts behind pelvic fins  
→ use a SALTWATER tag  
(dwarf, green, narrow sawfish)

### 3. Drill a hole near the base of the first dorsal fin

- You need to drill a hole at the base of the fin, near its forward edge (see image).



- Feed the end of the metal wire loop through the hole, and close the loop on itself, by feeding the end of the wire through the two crimps
- Crimp it closed, and cut the trailing wire off.



How to use and not use the crimping tool to crimp monofilament lines.



A closed loop looks like this.

#### 4. Activate the tag

The tags are in “autostart”, meaning they need a final activation to turn on.

The tags are activated either by immersing them in saltwater (for the saltwater tag) or in freshwater (for the freshwater tag)

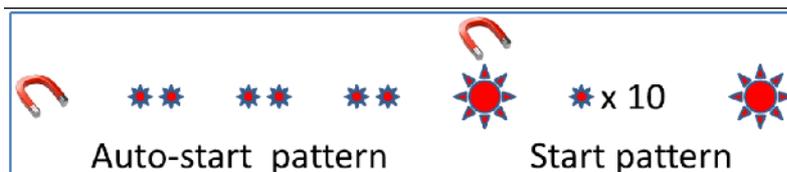
Or

By swiping them with the magnet.

**Its really important that you see the following blinking pattern** (red lights on the underside of the tag where the battery is located):

To start a tag with the magnet you need to swipe twice as follows:

- Swipe magnet once near battery / where stainless cable is connected. Red blinking should indicate the tag is in Autostart.
- *XX XX XX (=2 blinks and a pause repeated 3 times).*
- Then the light remains on for several seconds.
- Within those seconds, swipe magnet another time near battery. Blinking should now indicate tag is in start mode.
- *XXXXXXXXXX (= 10 rapid blinks)*



If you are not getting 10 blinks at the end of your sequence then the tag is not turned on!

Submersion of the tag in water should also end in 10 rapid blinks.