

Gulf sturgeon datasheets key

EFFORT

Date: Date of gillnet set, in format MM/DD/YYYY

Researcher: Three initials (FML) of the chief scientist

Set #: Sequential number, starting from 0001 and increasing by one every time the net is set out by that researcher. **A set is the complete action of setting, soaking, and hauling in ALL of the gear.** A new set number is recorded every time the entire net is set in a new place (i.e. when the effort information changes). Each new set gets a new number, continuing across seasons and years.

Bay, river, or marine? General location of the gillnet set.

(Pearl River=PE, Louisiana, marine=LA, Pascagoula River=PR, Mississippi Sound=MS, Pensacola Bay= PB, Blackwater Bay=BB, Blackwater River=BR, Yellow River=YR, Escambia River=ER, Escambia Bay= EB, Choctawhatchee Bay=CB, Choctawhatchee River=CR, Apalachicola River=AR, Apalachicola Bay=AB, Suwannee River=SR, Suwannee Sound=SS)

Latitude and longitude: GPS coordinates of where the net was first deployed, in degrees, decimal minutes and seconds (DD.MMSSS)

Survey type: Indicate the focus of the survey (options listed on effort sheet).

Gear set time: Time when the **first part** of the net was deployed.

Set end time: Time when the **last part** of the net was hauled aboard.

Gear type: Options listed on effort sheet

If gear =ST: Indicate the parameters of the net outlined on the effort sheet.

Environmental data

Provide listed environmental data when possible, in the appropriate column (surface vs. bottom)

CATCH

Effort ID: This number is the **Researcher ID plus the Set #, with 3 leading zeros** (eg IEB0001).

Gear: Put the gear type abbreviation from the Effort datasheet. This datasheet can be used for any gear type, so the gear needs to be specified here.

Tend or Haul? Circle the appropriate choice. A **TEND** is when the net is checked, but not entirely removed from the water. A **HAUL** is when the net is pulled and removed entirely from the water.

Tend/Haul Number: Sequential, starting from 1 with each new set. Each new TEND or HAUL gets a new datasheet. Keep tends and hauls separate. Example: If the net is tended twice and then hauled aboard, there should be 3 Catch Datasheets (Tend 1, Tend 2, Haul 1) associated with one Effort Datasheet. **A second haul would be recorded for the same Effort Datasheet if the net was brought aboard the boat and then set out again in the same exact location (i.e. effort information would not change).**

Time Begin: **TEND**: Time when the net tending begins. **HAUL**: Time when the net first starts to come out of the water.

Time End: **TEND**: Time when net tending ends. **HAUL**: Time when the last bit of net comes out of the water.

Stretch mesh: Size of the gillnet mesh, measured from notch to notch in a stretched position (inches)

Panel length: Length of the single panel of gillnet, in meters.

HR: Hanging ratio of the gillnet, or how tightly the net is stretched along the float and lead lines. Enter as a decimal from 0.1 to 0.9. This should be available from the net manufacturer.

Twine size: Thickness of the twine in millimeters.

Animal #: Starts from 1 for each new Set.

FL, TL: Straight line measurement of the sturgeon, on its side from the tip of the nose.

Wt: Weight in kg of the animal

Sex: Male (M), female(F), or undetermined (U). **Indicate in the second box if sex was verified by internal examination (I) or assumed from external characteristics (E).**

Scan type: Indicate the type(s) of PIT tag scanner used. Go to second line if more than one type used.

Old or new tag: Record previous tags on the OLD line, and any new tags deployed on the NEW line. Use multiple lines, but indicate the Animal # on each line.

Tbar L, Tbar R: Record the full tag number of tbar tags in the left and right pectoral fins, accordingly.

Color L,R: Record the color of each tag by the first letter of the color (red=R, green=G, yellow=Y, etc).

Other tag type and number: Indicate any other tag type found/deployed (PAT, V16). **If there is evidence of previous tag but the tag is gone, indicate with tag type, but no number (e.g. Tbar ---) on the OLD line.**

Samples taken: Indicate FC for fin clip (genetic sample), FR for fin ray (age sample), GB for gonad biopsy, or other indication of samples. More than one sample can be indicated on multiple lines.

Sample number: Only fill this in if the sample taken already has a sample number, such as a fin clip for genetic analysis.

PIT Tags: Write in the animal number for each PIT tag, then indicate whether it was already in place (OLD) or newly applied (NEW). **Fill in the numbers, whether they fill out all spaces or not. Decimals take up their own space.** If you run out of space, make a new Catch sheet with the same Effort ID, Haul #, and times and mark Page 2, etc.