# Catch Database Updates Nov 2019

Data issues documented in database

* New field **‘DATA ISSUE’ (Y/N)** added for both ‘Catch’ and ‘Fishing Activity’ data tables.
* The issue is described in the ‘notes’ field for each table.
* For **‘Catch’ data table (CAT\_ID),** ‘DATA ISSUE’ is checked (Y) for two types of issues:

1. Lengths given as kg, estimates, or not given
2. Number of fish not given (i.e. sharks released entered as “lost count” or “too many”)

Other common ‘notes’ for CAT\_ID entries (which I have not checked as “DATA ISSUE”) include:

* + Ambiguous/unknown species
  + notes about the fishing activity (i.e. “NOTE: 3 hours of this trip were spent near shore LHI”).

If it is easier for analysis, I could create separate ‘DATA ISSUE’ field for each common type of issue so they can be filtered out accordingly?

* For **‘Fishing Activity’ data table (FAC\_ID),** ‘DATA ISSUE’ is checked (Y) for five types of issues:

1. Location and/or number of hours not given
2. Hrs given as monthly total
3. Multiple locations given, but catch not distinguished by location
4. Number/sizes of released sharks not given/entered (written as “heaps” or “lost count”).
5. Entries from fishing competition/Wahoo competition (many of the vessels competing are not regular charter vessels, so they have been added in the database but marked as ‘retired’)

For 4) there are fewer than 10 such entries in total, however in some cases a number/size for released sharks has been nominated and entered (i.e 20 at 100cm – noted as “DATA ISSUE” for CAT\_ID), in other cases no released sharks have been entered but noted as a DATA ISSUE for the FAC\_ID. What is the best way to standardise these entries?

2015 Database QC

Listed QC issues have been cross-checked with raw data, and corrections made in the database where applicable. Where the error/missing data was in the raw data itself, “DATA ISSUE” has been checked for the FAC\_ID or CAT\_ID and the error noted. More detailed notes made on the electronic file saved as “BH\_DataChecking\_2016\_CWcomments”

Change in data format

A new catch data form was used from October 2017 with a series of size classes to check rather than requiring the exact size of each fish to be written. Some operators back-filled their returns on these new forms (see below for dates of first entry on new form).

|  |  |  |  |
| --- | --- | --- | --- |
| **Fish Length** | **Kept?** | **Entered in database as** | **Mode Length** |
| <30cm | Y | 1 | 15cm |
| 30-50cm | Y | 2 | 40cm |
| 50-70cm | Y | 3 | 60cm |
| 60-70cm | Y | 4 | 65cm |
| 70-80cm | Y | 5 | 75cm |
| 80-90cm | Y | 6 | 85cm |
| 90-100cm | Y | 7 | 95cm |
| 100-110cm | Y | 8 | 105cm |
| 110-120cm | Y | 9 | 115cm |
| 120-130cm | Y | 10 | 125cm |
| 130-140cm | Y | 11 | 135cm |
| 140-160cm | Y | 12 | 150cm |
| 160-180cm | Y | 13 | 170cm |
| 180-200cm | Y | 14 | 190cm |
| 200+cm | Y | 15 | 250cm |
| <30cm | N | 16 | 15cm |
| 30-50cm | N | 17 | 40cm |
| 50-80cm | N | 18 | 60cm |
| 80-110cm | N | 19 | 95cm |
| 110-140cm | N | 20 | 125cm |
| 140-160cm | N | 21 | 150cm |
| 160-200cm | N | 22 | 180cm |
| 200+cm | N | 23 | 250cm |

|  |  |  |
| --- | --- | --- |
| **Vessel** | **Vessel\_ID** | **Date of first entry new format** |
| Lulawai | 6 | 23.2.18 |
| Noctiluca | 12 | 24.10.17 |
| Bonefish II | 17 | 2.10.17 |
| Blue Billie | 19 | 17.10.16 |
| Fin | 21 | 11.9.17 |
| Tukula | 23 | 4.4.18 |
| Chamaeleon | 24 | 26.9.17 |
| Greenback | 14 | N/A retired |
| Wolfe | 20 | 21.2.16 |
| Carina | 16 | N/A retired |
| Golden Duke | 28 | 6.4.18 \*submitted returns for fishing competitions only |
| Bullshark | 27 | 2.4.18 \*submitted returns for fishing competitions only |
| B470 | 29 | 3.4.18 \*submitted returns for fishing competitions only |
| Saddie | 30 | 7.4.18 \*submitted returns for fishing competitions only |
| Ballfish | 25 | 2.4.18 \*submitted returns for fishing competitions only |
| Bonefish | 4 | 21.4.18 \*retired other than fishing competitions |
| Double Trigger | 13 | 9.4.18 \*retired other than fishing competitions |
| Coris | 18 | 2.4.18 \*retired other than fishing competitions |
| Yellow Drummer |  | 9.4.17 \*submitted returns for fishing competitions only |
| Other |  | 8.4.18 \*submitted returns for fishing competitions only (Vessel not specified, given as name of fisher) |