

Response to June Data Collection Committee questions during E-logbook presentation

Submitted by Dave Gloeckner, SEFSC, July 21, 2020

1. Number of vessels with Gulf permits in the Gulf of Mexico with Coastal Logbook reporting requirement?

Table 1. Permits included in the counts of permits for each region.

| COASTAL PERMIT | ABBREVIATION | REGION |
|---|--------------|-------------|
| KING MACKEREL GILLNET | GN | SA & GoM |
| GOLDEN TILEFISH ENDORSEMENT | GTFE | SA |
| BLACK SEA BASS POT ENDORSEMENT | SBPE | SA |
| GULF REEF FISH LONGLINE ENDORSEMENT | RRLE | GoM |
| S. ATLANTIC SNAPPER-GROUPER (225) | SG2 | SA |
| SHARK DIRECTED | SKD | SA & GoM |
| SHARK INCIDENTAL | SKI | SA & GoM |
| S. ATLANTIC SNAPPER-GROUPER (UNLIMITED) | SG1 | SA |
| GULF REEF FISH | RR | GoM |
| KING MACKEREL | KM | SA & GoM |
| SPANISH MACKEREL | SM | SA & GoM |
| ATLANTIC DOLPHIN/WAHOO COMMERCIAL | ADW | SA |

Average annual count of vessels with just Gulf of Mexico permits that have Coastal logbook reporting requirements between 2014 and 2018 = 511. By comparison, the average annual count of vessels with just South Atlantic permits that have Coastal logbook reporting requirements between 2014 and 2018 = 2,401. The average annual count of vessels with permits for both regions (overlap) requiring Coastal Logbook reports between 2014 and 2018 = 289. See Table 2.

Table 2. Count of vessels that have permits requiring coastal logbooks by region.

| YEAR | SAT | GOM | GOM & SAT | Total GOM | Total SA |
|------|-------|-----|-----------|-----------|----------|
| 2014 | 2,723 | 562 | 361 | 923 | 3,084 |
| 2015 | 2,287 | 516 | 289 | 805 | 2,576 |
| 2016 | 2,304 | 501 | 277 | 778 | 2,581 |
| 2017 | 2,327 | 483 | 264 | 747 | 2,591 |
| 2018 | 2,362 | 493 | 256 | 749 | 2,618 |
| Avg | 2,401 | 511 | 289 | 800 | 2,690 |

Of those vessels with Gulf permits or with SA and GoM permits requiring coastal logbooks, the count of vessels by permit is listed below (Table 3).

Table 3. Vessels with each permit type in the Gulf (Shark, sword, reef fish, etc.) and which of these have reporting requirements to Coastal.

| PERMIT | PERMIT NAME | 2014 | 2015 | 2016 | 2017 | 2018 |
|--------|---|------|------|------|------|------|
| RRLE | GULF REEF FISH LONGLINE ENDORSEMENT | 72 | 64 | 64 | 63 | 64 |
| GTFE | GOLDEN TILEFISH ENDORSEMENT | 30 | 25 | 23 | 22 | 23 |
| KM | KING MACKEREL | 1650 | 1447 | 1399 | 1422 | 1451 |
| SBPE | BLACK SEA BASS POT ENDORSEMENT | 41 | 34 | 34 | 34 | 32 |
| GN | KING MACKEREL GILLNET | 24 | 22 | 18 | 16 | 17 |
| RR | GULF REEF FISH | 932 | 824 | 826 | 797 | 826 |
| SG2 | S. ATLANTIC SNAPPER-GROUPER (225) | 129 | 112 | 106 | 110 | 95 |
| SM | SPANISH MACKEREL | 2157 | 1828 | 1852 | 1894 | 1983 |
| SG1 | S. ATLANTIC SNAPPER-GROUPER (UNLIMITED) | 655 | 587 | 556 | 558 | 544 |
| SKD | SHARK DIRECTED | 195 | 163 | 157 | 153 | 154 |
| SKI | SHARK INCIDENTAL | 190 | 164 | 160 | 156 | 156 |
| ADW | ATLANTIC DOLPHIN/WAHOO COMMERCIAL | 2491 | 2092 | 2120 | 2164 | 2208 |

Of those vessels with Gulf permits or with SA and GoM permits requiring pelagic logbooks, the count of vessels by permit is listed below (Table 4).

Table 4. Vessels with each permit type in the Gulf (Shark, sword, reef fish, etc.) and which of these have reporting requirements to PLL.

| PERMIT | PERMIT NAME | 2014 | 2015 | 2016 | 2017 | 2018 |
|--------|-----------------------------------|------|------|------|------|------|
| SKD | SHARK DIRECTED | 62 | 59 | 55 | 53 | 60 |
| SKI | SHARK INCIDENTAL | 122 | 104 | 101 | 93 | 98 |
| ADW | ATLANTIC DOLPHIN/WAHOO COMMERCIAL | 122 | 107 | 110 | 89 | 91 |
| SFI | SWORDFISH INCIDENTAL | 83 | 72 | 70 | 62 | 72 |
| SFH | SWORDFISH HANDGEAR | 103 | 88 | 83 | 80 | 81 |
| SFD | SWORDFISH DIRECTED | 209 | 187 | 177 | 172 | 178 |
| ATL | ATLANTIC TUNA LONGLINE | 286 | 260 | 247 | 235 | 248 |

2. Number of vessels submitting coastal logbooks for fishing activity in Gulf of Mexico waters?

Average annual count of vessels submitting logbooks for fishing activity in Gulf of Mexico waters between 2014 and 2018 = 744. By comparison, the average annual count of vessels submitting logbooks for fishing activity in South Atlantic waters between 2014 and 2018 = 1,097 (Table 5).

Table 5. Total of unique vessels reported in the Coastal Logbook from 1993–2019. Gulf vessels are vessels that fished in the Gulf of Mexico and Atlantic vessels are vessels that fished in the South Atlantic. N, count of unique vessels; G, Gulf; A, Atlantic; GV, Gulf vessels; AV, Atlantic vessels. The average number of vessels was calculated using the past 5 years with complete data, i.e., from 2014 to 2018.

| Gulf Vessels (N) | Atlantic Vessels (N) | Gulf Vessels (%) | Atlantic Vessels (%) | Ratio (G:A) | Mean GV (2014–2018) | Mean AV (2014–2018) |
|------------------|----------------------|------------------|----------------------|-------------|---------------------|---------------------|
| 4612 | 5460 | 46% | 54% | 1153:1365 | 744 | 1097 |

3. Percent of vessels submitting Gulf of Mexico logbook reports versus vessels submitting South Atlantic logbook reports?

Between 2014-2018: Gulf of Mexico=46%, South Atlantic 54%. See Table 5.

4. How many vessels only submit “No Fish” reports (no logbooks submitted)?

During the years 2014-2018, an average of 431 Gulf of Mexico permitted vessels submitted only “No Fish” reports for the entire year. For the same period, an average of 1,969 South Atlantic permitted vessels submitted only “No Fish” reports for the entire year.

5. How many Gulf of Mexico discard reports are submitted with no discards reported?

Between 2014 and 2018, an annual average of 147 out of 264 (56%) of Gulf of Mexico discard reports were submitted with no discards. By comparison, an annual average of 282 out of 460 (61%) South Atlantic discard reports were submitted with no discards during the same period.

6. How many Gulf of Mexico vessels only reported “No Discards” when selected to submit discard reports?

Between 2014 and 2018, an average of 31 vessels per year submitted only “No Discard” reports while fishing in the Gulf of Mexico. By comparison, during the same time period, 77 vessels submitted only “No Discard” reports while fishing in the South Atlantic.