

MARINE AQUARIUM FISHERY

DAILY LOGBOOK EXPLANATORY NOTES

Why we need this information

This daily logbook is designed to collect information for management, monitoring and compliance purposes. Accurate information on fisheries helps the Department make good decisions in regard to fisheries management, which ultimately benefits you. There are new quotas in place following the grant of the Instrument of Exemption under Section 7(2), and a Section 43 Order under the *Fish Resources Management Act 1994*. A new logbook is necessary to be able to accurately track the weight and quantity taken. Recording daily catch details may also help fishers gain or maintain export approvals by demonstrating that their fishery management regimes comply with the objectives of ecologically sustainable development.

Please note: This daily logbook is **in addition** to the monthly catch and effort returns (CAES) that details species caught. You should continue to forward your monthly CAES returns to the Research Division.

The information you give us is confidential

All information supplied to the Department is treated as **strictly confidential** and will only be released publicly in a summarised form, which does not identify individual fishers or show individual fishing locations.

You are required by law to fill in these daily logsheets

Under the *Fish Resources Management Regulations 1995* (FRMR), Regulation 130 provides the Executive Director with the power to impose any condition on a licence. A licence condition on the Commercial Fishing Licence of each nominated operator will require that these daily logsheets, as approved by the Executive Director, be completed for each fishing day. Failure to complete the logsheet or the entry of false or misleading information is a breach of a condition of a licence and constitutes an offence. This may result in cancellation, suspension for a period of time or non-renewal of an authorisation and/or make you liable to prosecution with a penalty on conviction of up to \$5,000.

What you must do

- **The nominated operator must complete a logsheet for each day's activity.**
- Please complete logsheet in **pen only**.
- **Blue** shaded areas on the logsheet must be **completed before departing from the point of landing**.
- The **yellow** shaded area must be filled out on the **first** sheet used each day **before departing from the point of landing**.
- **Unshaded** areas must be filled out on all sheets before returning to Head Office (see below).
- Logsheets are in **duplicate**.
- The **original** copy must accompany the **complete** catch from the point of landing to its land based holding facility by sealing the **original** inside a waterproof bag and securely attaching to one of the containers containing the catch (and where there is more than

one container ensuring that **each container is securely labelled with the serial number of the corresponding logsheet** (found in top right hand corner).

- The **original** copy is to be sent to the Head Office of the Department of Fisheries (see below).
- Retain the **duplicate** copy of the completed logsheet in the logbook, and all logsheets (used or unused inside it), and produce the logbook to a Fisheries and Marine Officer on demand.
- You should be submitting your logsheets in sequence (in order of the serial numbers). If a logsheet is damaged in any way or you skip a sheet, it is to be crossed out with a line through the page and a note explaining why that particular sheet (sequence number) was not used. The logsheet must be retained in the logbook.

Submitting completed daily logsheets

The **original** copies of the daily logsheets for fishing done that month must be sent **no later than the 15th day of the following month** to:

Department of Fisheries – Head Office
Locked Bag 39
Cloisters Square WA 6850

HOW TO FILL IN YOUR DAILY LOGSHEET

SECTION 1: ADMINISTRATIVE DETAILS – BLUE

Must be completed on all sheets used before departing from the point of landing.

Year and month: The year and month in which the trip was undertaken. If a trip commences in one month or year and finishes in another, record the month or year when the trip commenced.

Nom. Operator: Print the name of the nominated operator. Only one nominated operator per sheet.

Nom. Ref. No.: Enter the six digit alpha numeric receipt or reference number provided by Q-Link following nomination of your fishing trip.

Boat name/Vehicle reg.: The name of the vessel from which you fished. If the name of your vessel changed during the month please make a comment on the bottom of the form. If you use shore access rather than a boat enter your vehicle registration number (licence plate number).

MFL: Managed Fishery Licence Number.

FBL: Fishing Boat Licence Number. This 4 – digit number is found on the licence issued by the Department of Fisheries if you operate a Licensed Fishing Boat. Example: FBL 1234 enter 1234.

LFB: Licensed Fishing Boat Number. Enter the registration number of your boat, e.g. A96.

SECTION 2: FISHING SESSION DETAILS – **YELLOW**

Must be completed on the first sheet for the day before departing from the point of landing.

Start/End Time: Record the time that the vessel left and returned to the point of landing.

Crew names: Under clauses 9 and 10 of the Marine Aquarium Fish Management Plan (1995) a licensee (or their nominated operator) may fish with two nominated divers, each holding a commercial fishing licence. Enter up to two names (not including the skipper) of the crew who participated in the fishing effort.

Point of landing: Record the point of landing (or anchoring).

Sea Based Holding Site GPS: If you use a sea based storage site to hold your daily catch GPS co-ordinates of the site must be supplied. Each day's catch must be kept separate and labelled with the serial number(s) of the corresponding daily logsheet(s).

When these catches are landed ashore each day's catch must be transported in its entirety (i.e. you may **not** bring part of a day's catch ashore and leave part of it at a sea-based holding site).

If you do not use a sea based storage site, write N/A.

Hrs spent searching: Enter the total amount of time (to the nearest hour) that was actually spent in the water searching or collecting on that day. This does **not** include time spent steaming. If more than one person is involved in the searching and collecting, add the hours for each person together. For example, if 2 people were searching for 5 hrs each, enter 10 in the box for hrs spent searching.

Dive/Wade/Snorkel (D/W/S): Please circle the method(s) used that day.

SECTION 3: DAILY & CUMULATIVE ANNUAL CATCH DETAILS

Blue sections must be completed on all sheets used before departing from the point of landing.

Other sections must be completed on the original copy of all sheets before returning to Head Office.

Block Number(s): You must enter the 10 nautical mile block number(s) of each fishing location for the day. If you fish at more than the three locations provided for per sheet, use another sheet and mark the sheet number and total used in the top right hand corner "SHEET (1,2,3...) OF (total)."

As you would be aware, in the old monthly return system the state waters were divided into 60 n mile fishing blocks, where each block number was defined by the upper left hand corner of the block. For example 27 degrees S latitude and 113 degrees E longitude gave the block number 2713. The new 10 n mile grid scale divides the 60 n mile grid into thirty-

six, 10 n mile blocks corresponding to blocks of 10 minutes latitude and longitude. For this finer scale, each block number requires **6 digits** to define its location.

For example, 27 degrees 10 min S latitude and 113 deg 20 min E longitude gives a 10 n mile block number of 271 132°.

Old 60 x 60 system: 27 → 27 113 → 13 ⇨ 2713

New 10 x 10 system: 2710 → 271 113 20 → 132 ⇨ 271 132

	113.0°	10'	20'	30'	40'	50'	114.0°
27. 0°							
0-9'	270 130	270 131	270 132				
10-19'	271 130	271 131	271 132				
20-29'	272 130	272 131	272 132				
30-39'	273 130	273 131	273 132				

When fishing for coral in the Dampier Archipelago region (block numbers 2016 and 2017), each 10 nautical mile block is to be divided into four quarters; NW, NE, SW, SE. You must include those quarter(s) with the 6 digit block number within which coral was collected.

Using multiple sheets: In the event that more than three blocks are fished in a day, causing more than one sheet to be used, it is acceptable for Section 2 (Fishing Session Details - yellow) to be completed on the first sheet for each day only. However, **every** page must have the blue sections filled out, including being signed and dated by the nominated operator, with the sheet number and the total number of sheets used entered in the top right hand corner.

Items collected: You are required to record the details of all catch items on a daily and cumulative annual basis. The catch figures recorded in this logbook must be the same as any equivalent entries reported on your CAES returns. Catches of coral and live rock should be recorded in terms of **weight (kg)**. It is the responsibility of the **licensee** to ensure that weights are accurate and that scales have been calibrated. Algae, seagrass, Order: Corallimorpharia and Order: Zoanthidea should be recorded as **volume (L)**, whilst other invertebrates and members of the Family: Syngnathidae are to be recorded as the **number of individuals caught**. This is further explained on the next page. The definitions and common names of the groupings used in the logbook are outlined below.

Interpretation

The following definitions are given in the *Prohibition on Fishing (Coral, 'Live Rock' and Algae) Order No. 11 of 2007*.

“**algae**” means all fish of that common name described by the scientific classifications Phylum Rhodophyta, Phylum Chlorophyta and Phylum Phaeophyta but excluding the Family Corallinaceae;

“**coral**” means all live fish of that common name described by the scientific classifications Class Anthozoa and Class Hydrozoa and including any rock, substrate or other substance on or in which the fish are attached or inhabit;

“**live rock**” means –

- a) all fish of that common name described by the scientific classifications Family Corallinaceae, Class Polychaeta, Class Crinoidea, Class Ascidiacea, Class Ophiuroidea, Phylum Bryozoa and Phylum Porifera; and
- b) all dead fish of the scientific classifications Class Anthozoa and Class Hydrozoa, and including any rock, substrate or other substance on or in which the fish are attached and inhabit.

Other definitions and common names used on the logsheet are to be defined as in:

- Allen G.R. & Steene R., 2007. Indo-Pacific Coral Reef Field Guide. Tropical Reef Research, Singapore.
- Allen G.R., 2000. Marine Fishes of Tropical Australia and South-East Asia. Western Australian Museum, Perth.

LOGSHEET ITEM	COMMON NAME
ORDER: Corallimorpharia ORDER: Zoanthidea	False corals, mushroom corals, elephant’s ears Coral anemones
ORDER: Actiniaria	Anemones
FAMILY: Syngnathidae	Pipefish, seahorses (excluding <i>Phycodurus eques</i>) common / weedy sea dragon
<i>Tridacna maxima</i> <i>T. squamosa</i>	Clams
<i>Spondylus spp.</i> <i>Lima spp.</i>	Thorny oysters, flame shelled oysters
CLASS: Gastropoda	Trochus, snails, slugs
CLASS: Holothuroidea	Sea cucumbers
CLASS: Echinoidea	Sea urchins
CLASS: Crinoidea	Feather stars
CLASS: Asteroidea	Sea stars
CLASS: Ophiuroidea	Brittle stars
CLASS: Ascidiacea	Ascidians, sea squirts

ORDER: Decapoda	Shrimp, crabs
<i>Panulirus versicolour</i> <i>Panulirus ornatus</i>	Painted lobster Ornate lobster
CLASS: Cephalopoda	Octopi, squid, cuttlefish
PHYLUM: Porifera	Sponges
CLASS: Polychaeta	Worms

Measurement of Catch

Live sand: A daily volumetric trip limit of 5L daily of live sand is permissible. This allows for live sand that has accumulated in the bottom of collection bins. Live sand does not need to be recorded in the logbook.

Coral: Catches of coral are to be recorded by **weight in kilograms (kg)** with a daily and cumulative annual total determined for each fishing session.

Live rock: Catches of live rock are to be recorded by **weight in kilograms (kg)** with a daily and cumulative annual total determined for each fishing session.

1. The **Annual Cumulative Total (kg)** entry from the previous page should be entered in the **Previous Cum. Total** column.
2. Adding **Today's Total** and the **Previous Cumulative Total** will give the new **Annual Cumulative Total** weight (kg).

For **Live Rock** in the example below;

1. Today's Total: Enter live rock catch (kg) for the current day = 18.4
2. Previous Cum. Total: Enter the Annual Cum. Total from the previous day = 10
3. Annual Cum. Total (kg) = Today's Total + Previous Cum. Total 18.4 + 10 = 28.4

ITEM	TODAY'S TOTAL	PREVIOUS CUM.TOTAL	ANNUAL CUM. TOTAL
Live Rock (kg)	18.4	10	28.4 kg

Algae, Seagrass, Order: Corallimorpharia & Order: Zoanthidea: These categories are measured in **litres** and there is **no** need to fill out the **cumulative** columns as they have a **daily limit only**.

Invertebrates & Family: Syngnathidae: For other invertebrates and members of the Family: Syngnathidae catch is to be recorded as the **number of individuals**. Enter the number of individuals caught that day in the **Today's Total** column. For the very first entry

of the year the number to be entered in the **Cumulative Total** column will be the same as the first daily total. For all days following, record **Today's Total** and then add that daily catch to the cumulative total of the previous day, (**Previous Cum. Total**) to make the new **Cumulative Total**.

In the example for ***Tridacna maxima* & *T. squamosa*** below, 5 individuals were caught on the first day of the year. On the second day, 3 individuals were caught. This is added to the Previous day's Annual Cumulative Total (which was 5), to give the new Annual Cumulative Total of 8.

Previous Cumulative Total (5) + Today's Total (3) = Annual Cumulative Total (8)

ITEM	TODAY'S TOTAL	PREVIOUS CUM. TOTAL	ANNUAL CUM. TOTAL
<i>Tridacna maxima</i> <i>Tridacna squamosa</i>	3	5	8
CLASS: ECHINOIDEA	12	20	32

On the next day of fishing, the Previous Cum. Total will be 8.

Signature required: The **nominated operator must sign and date each logsheet** to signify that all information recorded is a true and accurate description of fishing activities undertaken for the day.