HAWAII ENCOUNTER, TAGGING AND SAMPLE SHEET

RECORD ITEMS IN BOLD IMMEDIATELY   *Record items in italics at end of encounter*

Start   **Sight**.   Effort
Date: _____/_____/_____ **time** _____ Species_____ **#** _____ **Cue**_____ On / Off
        DD   MMM   YYYY   (24 h clock)   see below   (circle)

Wpt # when
first seen   **Obs.**   Start   Start
or Estimate_____ **Wpt #**_____ **Obs.**_____ **Pos.**_____ Recorder_____ Behav._____ DOT_____
        (circle Wpt or Est, note if with BINOS)   (@group)   (P/S/pulpit/back)   initials

Group   *# sub-*   *Group*   %   *# bow-*
*Size:*_____/_____/_____ *groups*_____ *Envelope*_____ *group* *riding*_____
        MIN   BEST   MAX   (if >1 details in Notes)   (e.g., 100 x 400 m)   *obs.* (close enough to observe neonates etc)

End   *End*   *End*   *End*   *# w/CC*   *# wounds/*   *% w/CC*   *# vessels*
*Time*_____ *Wpt#*_____ *Behav.*_____ *DOT*_____ *wounds*_____ *individual*_____ *wounds*_____ *w/group*_____
                                                                                                                                        (types in Notes)

Reason   *#*   *# photo-*   *#*   *Prey/fecal*
*for Leaving*_____CPA_____ *Neonates*_____YOY:_____ *Adult ♂s*_____ *gram.*_____ *IDs*_____ *Samples*_____
        (see below)   (# or unk.)   (# or unk.)   (type/# - details on effort log)

                                Other
Sight# other   *cetaceans*   *Mixed*   *#/type*   *#/type*   *#/type*
research boat _____ *present/Sight# :*_____ *group*_____ *sharks*_____ *birds*_____ *fish*_____
        (# or NA)   (use separate data sheet if other species)   *Yes/No/NA*   (incl. Remoras)

Photographer   Video, camera   *GoPro yes / no (circle)*
   initials   or drone   *Start - end frames*   *sub-group and end blanks*   *type/position (list)*
                                                                    (start at left)

_____/_____/_____/_____/

_____/_____/_____/_____/

_____/_____/_____/_____/

_____/_____/_____/_____/

_____/_____/_____/_____/   _____
Note camera used for PhotoGrammetry (PG)   Total # photos

PERMIT INFO:
 # reacting   *avoidance*   *# approach<1*   *In-water*   *Drone*
*overall approach*_____ *distance (m)*_____ *body length*_____ *Approach*_____ *Use*_____ *Notes:*_____
                                                                              yes/no   yes/no

_____

_____

_____

AT END OF DAY (summarize from back of page or from Homeport)
   #   # target   # non-   #   #   # dart/   # dart/
biopsy   #   #   reacting   target   suction   suction   finmount   finmount
attempts_____ hits_____ samples_____ misses_____ reacting_____ attempts_____ tagged_____ attempts_____ tagged_____

taken   Sea   Start   End
incidental_____ Boat_____ Cond._____ Lat/Long_____ Lat/Long_____
                                                                                                        Distance
Distance   Closest   Closest   Start   from 1st seen
to shore_____km Landmark_____ Island_____ depth_____m Est. or GPS_____ m
        (from GPS)   (bearing & name, from GPS)   (from GPS)   (circle Est or GPS, **note if BINOS**)

Cue = **SBF**=Splash/Blow/Fin; **FV**=Fishing Vessel; **AD**=Acoustic Detection; **Birds; Land; Radio call; Radio Tag; ORV**=Other Research Vessel.
Obs.=Observers. ***Behavior*** e.g., travel, fast travel, mill, social, feeding, rest. DOT =direction of travel. YOY = young of year. ***Reason for Leaving:*1**. Group Lost;
2. Group Not Approachable; 3. Continuing Search, some samples/IDs; 4. All IDd; 5. Low priority; 6. Higher priority species seen; 7. Weather/time of day; 8.
Other (include in notes). Cross out or write NA in all spaces not used. **For "Notes"** record group size changes; audio recording duration & CPA; predation events;
other samples collected; **types of vessels (rec. fishing, charter fishing, dolphin-watching)**; maximum speed (from GPS) if fast travel; description of un-id
species; **if >1 sub-group record distance between, min/best/max for each, # adult ♂s/neonates/YOY for each, & sub-group blanks for each (e.g., "Sub-A,**
416, Sub-B, 602"); for Kogia slow rolling v. logging, direction pointing v. traveling, dive durations. For beaked whales, ~# breaths/dive durations, time waited.

SAMPLING AND TAGGING INFORMATION

DD MMM   year

Date:_____/_____/_____**Boat:**_____ **Recorder:**_____ **Sighting #:**_____ **Page:** _____ of _____

Attempt   **Tagger/**   **Device**
#:_____ **sampler:**_____   rifle / crossbow / pole / drone - hit / miss / NA -   sample/tag: yes / no
      (circle & initials)   (circle)   (circle)   (circle)

Sample /Tag #:_____ **Time**:_____ **Target sex/age**:_____ Wpt #:_____
Type

                  Behavior
*Lat:*_____ *Long:*_____ **Before/Response/After:**_____/_____/_____
(only if sample/tag successful)
 # other   **Area/**   **Cameras/**
reacting/present:_____/_____ **side hit**:_____ **frames:**_____

Comments:_____

Attempt   **Tagger/**   **Device**
#:_____ **sampler:**_____   rifle / crossbow / pole / drone - hit / miss / NA -   sample/tag: yes / no
      (circle & initials)   (circle)   (circle)   (circle)

Sample /Tag #:_____ **Time**:_____ **Target sex/age**:_____ Wpt #:_____
Type

                  Behavior
*Lat:*_____ *Long:*_____ **Before/Response/After:**_____/_____/_____
(only if sample/tag successful)
 # other   **Area/**   **Cameras/**
reacting/present:_____/_____ **side hit**:_____ **frames:**_____

Comments:_____

Attempt   **Tagger/**   **Device**
#:_____ **sampler:**_____   rifle / crossbow / pole / drone - hit / miss / NA -   sample/tag: yes / no
      (circle & initials)   (circle)   (circle)   (circle)

Sample /Tag #:_____ **Time**:_____ **Target sex/age**:_____ Wpt #:_____
Type

                  Behavior
*Lat:*_____ *Long:*_____ **Before/Response/After:**_____/_____/_____
(only if sample/tag successful)
 # other   **Area/**   **Cameras/**
reacting/present:_____/_____ **side hit**:_____ **frames:**_____

Comments:_____

Attempt   **Tagger/**   **Device**
#:_____ **sampler:**_____   rifle / crossbow / pole / drone - hit / miss / NA -   sample/tag: yes / no
      (circle & initials)   (circle)   (circle)   (circle)

Sample /Tag #:_____ **Time**:_____ **Target sex/age**:_____ Wpt #:_____
Type

                  Behavior
*Lat:*_____ *Long:*_____ **Before/Response/After:**_____/_____/_____
(only if sample/tag successful)
 # other   **Area/**   **Cameras/**
reacting/present:_____/_____ **side hit**:_____ **frames:**_____

Comments:_____

---

*USE BIOPSY/TAGGING SHEET FOR ADDITIONAL ATTEMPTS (**number pages consecutively, e.g., next page is 3 of _____**). Attempt #* consecutive throughout day. **Sample or Tag #/type** consecutive sample # for entire day (sample # code = RWB*YYYYMMMDD*.## e.g., RWB2020NOV10.04). *Response* e.g., flinch, fast dive, tail slap. For tagging, note PTT ID (e.g., 98406) & type (SPOT6, Mk10, Fastloc, Finmount). For breath samples note "Blow", distance from blowhole, and # blows. For successful tagging, note **CPA after tagging (and time of CPA and reaction)**, for suction-cup tags note duration of attachment, recovery time & location, if skin collected from cup or water, etc. Cross out spaces not used at end of encounter. If sampled or tagged individual **not distinctive note Camera/frame # of close companions as well. Rev.2020JAN30. Record initials after data entry:**_____