Edits made by AAB
5 May 2022

ALW did a final QAQC of the 2009-2021 ASAMM data in April/May 2022, which resulted in the following edits.

E106, F215, 7/31/2018 – Calf_Detect_Cert = -1

E299, F208, 7/14/2018 – Entry = resume, copied environmentals from previous entry, FltType 4

E300, F208, 7/14/2018 – Entry = deadhead, environmentals = NA, FltType = 1, enttag = 1, added crew, PhotoTaken = 0

E103, F215, 7/31/2018 – Entry = divert to circling, environmentals copied from previous entry, FltType = 6, enttag = 1, added crew, PhotoTaken = 0

E106, E107, F215, 7/31/2018 – Entry = s on circling - search, FltType = 6

E117, F215, 7/31/2018 – Entry = resume, enttag = 1

E748, F207, 7/12/2019 – Swimdir_True = 300, notes = "calf, behavior, swimdir, and swimdir_true updated based on BPC imagery"
E956, F207, 7/12/2019 – Swimdir_True = 120, notes = "swimdir & swimdir_true updated based on BPC imagery"
E526, F224, 8/20/2019 – Swimdir_True = 270, notes = "swimdir & swimdir_true updated based on BPC imagery"
E1046, F224, 8/20/2019 – Swimdir_True = 60, notes = "swimdir & swimdir_true updated based on BPC imagery"
E1085, F224, 8/20/2019 – Swimdir_True = 60, notes = "swimdir & swimdir_true updated based on BPC imagery"
E1099, F224, 8/20/2019 – Swimdir_True = 269, notes = "swimdir & swimdir_true updated based on BPC imagery"
E235, F226, 8/22/2019 – Swimdir_True = 180, notes = "swimdir & swimdir_true updated based on BPC imagery"
E302, F229, 8/26/2019 – Swimdir_True = 359, notes = "swimdir & swimdir_true updated based on BPC imagery"
E1074, F25, 8/30/2019 – Swimdir_True = 269, notes = "not relocated on circle. swimdir & swimdir_true updated based on BPC imagery"
E336, F37, 9/24/2019 – Swimdir_True = 209, notes = "swimdir & swimdir_true updated based on BPC imagery"
E549, F37, 9/24/2019 – Swimdir_True = 330, notes = "swimdir & swimdir_true updated based on BPC imagery"

E550, F37, 9/24/2019 – Swimdir_True = 329, notes = "behavior, swimdir, & swimdir_true updated based on BPC imagery"
E87, F41, 9/28/2019 – Swimdir_True = 300, notes = "swimdir & swimdir_true updated based on BPC imagery"
E528, F263, 10/22/2019 – Swimdir_True = 300, notes = "swimdir & swimdir_true updated based on BPC imagery"
E625, F263, 10/22/2019 – Swimdir_True = 30, notes = "swimdir & swimdir_true updated based on BPC imagery"

E938, F18, 8/21/2019 – notes = "R. Hold, frames 108-128, lots of birds. Cause of death unknown, likely KW predation; cannot exclude the possibility of shark scavenging."

E155, F22, 8/27/2019 – notes = "R. Holt frames 20-63. Cause of death: probable KW predation"

E17, F234, 9/5/2019 – added to notes: "Resighted on 10/10/2019 F256, E418"

E22, F234, 9/5/2019 – added to notes: "Resighted on 10/10/2019 F256, E418"

E555, F1, 9/17/2020 – added to notes: "NSB-DWM confirmed remains are a bowhead whale tongue removed during aboriginal substance butchering."

E425, F3, 9/25/2021 – added to notes: "severe injuries (semilunar bites wounds on what appears to be the chin, tongue removed, long linear flensing, eviscerated abdomen) consistent with killer whale predation. Not COY based on long baleen."

E41, F4, 9/26/2021 (Er) – added to notes: "probable killer whale predation; jaw and pectoral flipper bones exposed; bite wounds forward and aft of genitalia and damage to flukes"

E102, F6, 9/28/2021 (Dl) – add to notes: "intact; no visible injuries; stranding code 1-2"

E549, F6, 9/28/2021 – notes = "K.Scheimreif frames 81-120; flensed blubber, likely from KW predation based on the bite marks and tearing; large cetacean based on size; and large oil slick"

E115, F8, 10/3/2021 – notes = "A.Willoughby fr 1-77; E304 is repeat sighting, E304 is more accurate position. severe injuries (lower R mandible & tongue removed, torn throat, bite wounds on chin, blubber flensing, tissue fraying on pecs & flukes) consistent w/ KW predation"

E304, F8, 10/3/2021 – notes = "this is a repeat sighting and better location of carcass E115. too many low clouds to circle for photos; photos taken during E155. Use this lat/long.", PhotoTaken = 1

E465, F10, 10/9/2021 – notes = "A.Willoughby, frames 58-83. intact; no injuries visible; stranding code 1-2"

E583, F10, 10/9/2021 – added to notes, "based on shape/size, not a COY. ventral side laceration several feet long between pec flippers, is at least through the hypodermis, possibly into muscle on L side; COD = could not be determined"

E373, F33, 9/9/2019 – Entry = deadhead, envionmentals to NA, FltType = 1, enttag = 1, added crew, PhotoTaken = 0

E185, F262, 10/20/2019 – enttag = 5

E101, F26, 8/31/2019 – enttag = 2

E471, F242, 9/21/2019 – notes edited from congo to conga

Edits made by AAB
3 Feb 2022

Appended "ASAMM_2021_v1.mdb" to "Aerial_Master_2018_2020_v3.mdb"

Within "ASAMM_2021_v1.mdb":
Output table:
Renamed "All_Flights" table to "Output".
Added Lat, Long, Icepercent, UTM6X, UTM6Y fields.
Appended to "Aerial_Master_2018_2020_v3.mdb"

Appended SummaryInfo, FlightInfo, Sightings_CAPs, and SummaryInfo_CAPs tables to "Aerial_Master_2018_2020_v3.mdb".

Edits made by AAB
2 Feb 2022

Edits based off of BPC misidentification reconciliation:

E748, Flt207, 7/12/19: behavior = swim, calf no = 1, swim_dir = 4 o'clock, notes = calf, behavior, and swim_dir updated based on BPC imagery; data would need to be resummarized for new Swimdir_True value

E956, Flt207, 7/12/19: swim_dir = 4 o'clock, Swimdir_True = -1, notes = swim_dir updated corrected based on BPC imagery; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value

E1008, Flt207, 7/12/2019: enttag 8, notes = enttag 8 pooled sighting based on BPC imagery.

E185, Flt221, 8/17/19: final group = 3, calf no = 1, notes = calf detected during BPC imagery review.

E261, Flt222, 8/17/19: final group = 4, calf no = 1, notes = calf detected during BPC imagery review.

E361, Flt224, 8/20/19: final group = 2, calf no = 1, notes = calf detected during BPC imagery review.

E526, Flt224, 8/20/19: swim_dir = 3 o'clock, Swimdir_True = -1, notes = swim_dir updated based on BPC imagery review; data would need to be resummarized for new Swimdir_True value.

E1046, Flt224, 8/20/19: swim_dir = 2 o'clock, Swimdir_True = -1, notes = swim_dir corrected based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E1085, Flt224, 8/20/19: swim_dir = 2 o'clock, Swimdir_True = -1, notes = swim_dir was revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E1099, Flt224, 8/20/19: swim_dir = 9 o'clock, Swimdir_True = -1, notes = swim_dir was revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E1180, Flt224, 8/20/19: final group = 2, calf no = 1, notes = final group and calf no revised based on calf discovery during BPC imagery review.

E235, Flt226, 8/22/19: swim_dir = 6 o'clock, notes = swim_dir added based on BPC imagery review; data would need to be resummarized for new Swimdir_True value.

E220, Flt228, 8/25/19: final group = 2, calf no = 1, notes = final group and calf no revised based on calf detected during BPC imagery review.

E282, Flt228, 8/25/19: final group = 2, calf no = 1, notes = final group and calf no revised based on calf detected during BPC imagery review.

E302, Flt229, 8/26/19: swim_dir = 6 o'clock, Swimdir_True = -1, notes = swim_dir revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E1074, Flt25, 8/30/19: swim_dir = 3 o'clock, Swimdir_True = -1, notes = swim_dir revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E422, Flt30, 9/5/20: notes = Additional belugas found in BPC images that could not be added due to maintaining existing data integrity.

E423, Flt30, 9/5/19: final group = 2, calf no = 1, notes = final group and calf no revised based on calf detected during BPC image reviewed.

E424, Flt30, 9/5/19: notes = Additional belugas found in BPC images that could not be added due to maintaining existing data integrity.

E335, Flt37, 9/24/19: calf on circle = 0, notes = calf was detected first/on tx based on BPC image review (the mark on transect at 77 degrees is of a calf, not an adult).

E336, Flt37, 9/24/19: swim_dir = 7 o'clock, notes = swim_dir revised based on BPC imagery review; data would need to be resummarized for new Swimdir_True value.

E458, Flt37, 9/24/19: final group = 2, notes = final group was revised based on additional beluga detected during BPC imagery review.

E549, Flt37, 9/24/19: swim_dir = 11 o'clock, Swimdir_True, notes = swim_dir revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E550, Flt37, 9/24/19: behavior = swim, swim_dir = 11 o' clock, notes = behavior and swim_dir revised based on BPC imagery review; data would need to be resummarized for new Swimdir_True value.

E87, Flt41, 9/28/19: swim_dir = 10 o'clock, notes = swim_dir revised based on BPC imagery review; data would need to be resummarized for new Swimdir_True value.

E92, Flt41, 9/28/19: final group = 2, calf no = 1, notes = final group and calf no revised based on calf detected during BPC imagery review.

E277, Flt42, 9/29/19: calf no = 1, notes = calf no revised after second beluga was identified as a calf during BPC imagery review.

E396, Flt43, 9/30/19: final group = 7, notes = final group revised based on BPC imagery review.

E528, Flt263, 10/22/19: swim_dir = 10 o'clock, Swimdir_True = -1, notes = swim_dir revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E625, Flt263, 10/22/19: swim_dir = 7 o'clock, Swimdir_True = -1, notes = swim_dir revised based on BPC imagery review; Swimdir_True changed to -1; data would need to be resummarized for new Swimdir_True value.

E81, Flt265, 10/24/19: final group = 2, notes = final group revised after additional gray whale was detected during BPC imagery review.

E517, Flt265, 10/24/19: calf no = 0, notes = smaller beluga is not a COY, calf no revised based on BPC imagery review.

Edits made by AAB
1 March 2021

FlightInfo table:
Aerial_Survey field – changed 2020 flights from "BWASP" to "NSB".

Output table:
Aerial_Survey field – all entries for 2020 flights, changed from "MML_Cmdr" to NSB_Cmdr".

Edits made by AAB
3 February 2021

Appended 2020 data (ASAMM_2020.mdb) to Aerial_Master_2018_2019_v6.mdb.

ID155162 F10 E294 10/10/2020 – saved=0
ID155163 F10 E295 10/10/2020 – Final_group 3, notes "ALW frames 1-50. Final_group revised based on photos, Feb 2021; is 3 humpbacks, 0 fins."

ID F224 E1052 8/20/2019 – Species = beluga (chgd from bowhead), notes "species changed based on BPC imagery cross analysis"

2018 FGF edits:
ID 38634 F33 E1021 9/20/2018 – saved=0
ID 38693 F33 E1075 9/20/2018 – saved=0
ID 38749 F33 E1124 9/20/2018 – saved=0

Background:
During FGF sessions, in the FGF windows, if the data recorder selects Quit Without Saving, a text file is generated in the flight text files folder, and the record is (at least sometimes) going into the flight data table as saved=1. Under normal data entry circumstances, if a data recorder selects Quit Without Saving, the a text file will be generated, and a record of saved=0 will be populated in the database; therefore, a few of these records need to be changed to saved=0 (see F33 notes below).
In some of these FGF records, when Quit Without Saving is selected, sometimes the text file is not generated in the FGF text files folder (that folder is stored within the flight's text files folder) and even if the text file is generated in the FGF text files folder, it's not going into the FGF table.

F33 (E1021, E1075, E1124 – saved=0):
Began with a failed FGF session (series 1), then had a successful FGF session (series 2). For series 1, E1021 (an enttag 9 event) is saved=1 in the flight 33 table, but is not in the FGF table. This event does have a text file in both the Flight 33 text files folder and the FGF text files folder. The fields that the DR would manually fill in (TotalWhales, Calfno, Certainty, Photos, Notes) were blank in the FGF text file.
In series 2, two enttag 9 events (E1075 & 1124) are saved=1 in the flight 33 table, but are not in the FGF table. There are text files for both events in the Flight 33 text files folder. In the FGF text files folder, there is a text file for E1124, but not E1075. The E1124 FGF text file was blank in the fields the DR would manually fill in, and it would have been a down entry following a down entry, which is another thing that makes me think this was an event that was Quit Without Saving instead of Saved during data entry.

F25 (no change):
a failed FGF session, only 3 events with enttag 9 in F25 table, 2 of which were unsaved during post-flight editing (E368 & 369). In the FGF table, there are 2 events, one of them unsaved during post-flight editing (E369). E368 never made it into the FGF table. There is a text file for E368 in the flight text files folder, but there is no text file for E368 in the fgf text file folder.

Edits made by AAB
11 August 2020

ID 131753 F40 E56 9/27/2019 – DIST_FROM_SHORE 1.52

Edits made by AAB

29 April 2020

Updates based on ALW gray whale body condition assessment using photos:

ID 91969 F205 E352 7/7/2019 – Final_group 2, added to notes "final grp updated after img review"

ID 92003 F205 E383 7/7/2019 – notes "SH fr 96-148"

ID 92007 F205 E387 7/7/2019 – Final_group 2, notes "SH fr 149-186, final grp updated after img review"

ID 92204 F205 E565 7/7/2019 – Final_group 4, added to notes "final grp updated after img review"

ID 98219 F215 E106 8/2/2019 – Final_group 6, added to notes "final grp updated after img review". ALW notes about this edit: "E106 and 109 have lumped photos; as of now the final group for these two events = 4 whales (E106 = 3, E109 = 1), but there are 7 whales in the associated images. Since they call out the outlier that they mark at 109, I think it's safe to add the 3 whales to E106."

ID 98248 F215 E132 8/2/2019 – Final_group 6, notes "L.Barry frames 318-484; one smaller individual. Final grp updated after img review"

ID 98301 F215 E180 8/2/2019 – Final_group 3, notes "L.Barry renumbered frames 574-607, 623-629. Final grp updated after img review"

ID 98310 F215 E189 8/2/2019 – Final_group 1, notes "L.Barry renumbered frames 608-622, 630-631. Final grp updated after img review"

ID 98338 F215 E214 8/2/2019 – Final_group 2, notes "L. Barry renumbered frames 684-710. Final grp updated after img review."

ID98352 F215 E227 8/2/2019 – notes "L. Barry renumbered frames 711-804. Final grp updated based on photos."

ID 72257 F9 E247 8/4/2019 – notes "R. Holt, frames 40-50; photos also taken during repeat sighting E262, fr 69-79"

ID 72268 F9 E257 8/4/2019 – notes ".", PhotoTaken 0

ID 72274 F9 E262 8/4/2019 – Repeat yes, notes "R. Holt, frames 69-79; photos also taken during original sighting E247, fr 40-50"

ID 72285 F9 E272 8/4/2019 – saved=0 (ALW notes for E272 & E283 edits: "E272 = 2 whale, images 93-108. Those whales are also in the photos for E283 images 128-194. Whale in image 93L = whale in 128-

134, 137-149 (matched the dark bits on 93T's left side of head) and the whale in 93R, 94-108 = whale in 160-171, 176-189.")

ID 72297 F9 E283 8/4/2019 – notes: updated frame #s to 93-108, 128-194.

Compacted & Repaired.

Edits made by AAB
31 March 2020

Updates based on 2019 photo QAQC:

F204 E303 – notes "LB fr 1404 to 1465" (removed note about checking photos for calf; not sure why the note was there. AAB checked photos on 11 March 2020 and did not see a calf. There is a calf in the database, but did not edit that: just because there isn't a calf in the photos doesn't mean the observers didn't see one.)

F204 E325 – notes "LB fr 1524 to 1540" (removed note about checking photos for calf; not sure why the note was there. AAB checked photos on 11 March 2020 and did not see a calf.)

F206 E611 – notes "LB fr 164-233, behavior was flipping and flopping - maybe feeding or scratching itself"

F207 E347, 478 – added to notes "FGF whales"

F207 E380 – notes "KP fr 310-392 during laptop swap, FGF whales"

F207 E402 – notes ".", PhotoTaken 0

F208 E140 – notes "LB fr 219-293" (corrected frame #s, said 209 not 219)

F215 E78 – notes "L.Barry frames 1-28, 59-85"

F215 E97 – notes "L.Barry frames 29-58, 86-142; smaller animal"

F215 E106 – notes "L.Barry frames 143-285; group of 3 with additonal singleton in area but >5 body lengths away"

F215 E109 – notes "L.Barry frames 143-285; individual > 5 body lengths away"

F215 E127 – notes "L.Barry frames 286-317"

F215 E132 – notes "L.Barry frames 318-484; one smaller individual at least three in photo series"

F215 E156 – notes "L.Barry frames 485-532; healed prop scar on dorsum"

F215 E160 – notes "L.Barry frames 533-537; (last frames on 1st card)"

F215 E167 – notes "L. Barry frames 1-36 (begin frames on 2nd card) (renumbered frames 538-573)"

F215 E180 – notes "L.Barry frames 37-70 (renumbered frames 574-607)"

F215 E189 – Final_group 2, notes "L.Barry frames 71-94 (renumbered frames 608-631). Final grp updated based on photos."

F215 E199 – notes "L. Barry frames 95-129 (renumbered frames 632-666); photo frames are for this event and E204"

F215 E204 – notes "L. Barry frames 95-129 (renumbered frames 632-666); photo frames are for this event and E199"

F215 E210 – notes "L. Barry frames 130-146 (renumbered frames 667-683)"

F215 E214 – notes "L. Barry frames 147-171 (renumbered frames 684-708). Frames 709-710 may be part of this sighting also based on timing, which would make this a new whale, but photos are subsurface and tough to say for sure."

F215 E227 – Final_group 6, notes "L. Barry frames 172-267 (renumbered frames 709-804. Final grp updated based on photos."

F219 E169 – notes "S. Hanlan, frames 1-171; additional behavior for calf = log play"

F220 E367 – notes "C.Accardo, frames 720-882 (renumbered frames 1-163)"

F220 E522 – notes "C.Accardo, frames 883-937 (renumbered frames 165-218)"

F223 E646 – notes "S.Hanlan, frames 1-45, sup carcass being eaten by polar bear E658"

F223 E658 – notes "S.Hanlan, frames 1-45, sup carcass E646 being eaten by polar bear"

F232 E900 – Final_grp 5600, Low_estimate 5000, High_estimate 7000 (haulout count estimates from photos were not completed in the field, so AAB did estimates in March 2020)

F232 E902 – Final_grp 300, Low_estimate 300, High_estimate 500 (haulout count estimates from photos were not completed in the field, so AAB did estimates in March 2020)

F232 E903 – Final_grp 4400, Low_estimate 4000, High_estimate 6000 (haulout count estimates from photos were not completed in the field, so AAB did estimates in March 2020)

F234 E349 – notes "LB; frames 232-305 (1st whale in fr 232-269; 2nd whale in fr 270-305); spotted while circling on E406"

F234 E376 – Species bearded seal

F235 E255 – notes "NM; frames 1-5, 14-23 (1st fin fr 14-22; 2nd fin on circling fr 1-5, 23)"

F235 E261 – PhotoTaken 0

F242 E734 – corrected frame numbers in notes to 153-168

F248 E773 – corrected frame numbers in notes to 1-38

F257 E144 – corrected frame numbers in notes to 1-30

F259 E337 – corrected frame numbers in notes to 47-99

F259 E353 – corrected frame numbers in notes to 100-137

F269 E524 – added to notes "No polar bears were found in photos."

F7 E1060 – Final_grp 24, High_estimate 24, Calfno 8, Calf_on_circle 8 (AAB recounted polar bears in photos while QAQC'ing photos March 2020)

F9 E257 – notes "R. Holt, frame 68 (is spacer photo, no whales), associated w/ E256"

F17 E734 – notes "RH fr 1-10, 16-17"

F23 E286 – notes "N. Metheny frames 93-122. belly up"

F40 E929 – corrected frame numbers in notes to 83-106

F42 E150 – notes "C.Accardo, frames 105, very white fluke"

F47 E940 – Final_group 7, added to notes "Final grp updated from photos"

F409 E149 – corrected frame numbers in notes to 1-13

F409 E164 – Calfno 0, notes "R.Hardee frames 14-17" (Originally in data as calf; time on photos matches this sighting and no others; photos show this is not a calf.)

Edits made by Mike Hay

7 March 2020

2019 Distance from shore edits: (the previous entries were shown in meters instead of kilometers)

Flt_No	Event	GMT_Minus8	DIST_FROM_SHORE
32	454	9/8/2019	-0.152
32	456	9/8/2019	0.109
49	201	10/10/2019	-0.525
49	204	10/10/2019	-0.289

Edits made by AAB
6 March 2020

F33, E298, 9/9/2019 –notes "VB fr 17-92. Cow-calf additional behavior = apparent nursing. Rosalind Rolland NEAQ hypothesizes the cow has congenital scoliosis per email 9/13/2019"

F206, E599, 7/11/2019 – notes "LB fr 133-163. Suspect killer whale predation: blunt trauma to chin, left jaw, and rostrum compromised"

F30, E602, 9/5/2019 – notes "V. Beaver frames 139-154. Confirmed species from photos. Partial carcass. Repeat from F19 E183 8/22/2019. Cause of death: killer whale predation via image review of 8/22/2019 F19 E183."

F234, E728, 9/5/2019 – notes "LB; frames 331-356. ID changed after image review. Resight of F231 E314 8/30/2019. Cause of death: killer whale predation via image review of 8/30/2019 F231 E314."

F27, E237, 9/2/2019 – notes "C. Accardo fr 5-36. Repeat sighting of carcass from F23 E86 8/28/2019. Resighted on 27 Sep F40 E929. Cause of death: killer whale predation via image review of 8/28/2019 F23 E86."

F40, E929, 9/27/2019 – notes "C.Accardo, frames 50-106, repeat sighting from 28Aug2019 F23 E86 and 2Sep F27 E237. Cause of death: killer whale predation via image review of 8/28/2019 F23 E86."

F25, E908, 8/30/2019 – notes "C. Accardo frames 1-32. Cause of death could not be determined."

F234, E17, 9/5/2019 – notes "LB; frames 1-18, more accurate location in repeat E22; species identified from photos post flight. Cause of death: killer whale predation."

F256, E418, 10/10/2019 – notes "VB, frames 49-59. Repeat of 9/5/2019 F234 E22. Cause of death: killer whale predation via image review of 9/5/2019 F234 E17"

F41, E1077, 9/28/2019 – notes "R.Hardee, frames 79-87; approx clino 60, polar bear from E1079 was swimming next to carcass. Cause of death could not be determined; carcass too decomposed/globster"

F18, E938, 8/21/2019 – notes "R. Holt, frames 108-128, lots of birds. Cause of death unknown, likely Greenland shark scavenging."

F22, E155, 8/27/2019 – notes "R. Holt frames 20-63. right side up? Cause of death unknown, possible ship strike."

F2, E131, 7/21/2019 – Behavior SAG, notes "VB, fr 72-95"

F256, E463, 10/10/2019 – Calf 1, Calf_on_circle 1, notes "VB, frames 82-84; G.Sheffield ID'd as young walrus on 10/16/2019 Level A email; Calf & Calf_on_circle changed to 1."

Edits made by AAB
19 February 2020

Mike Hay updated the Block field to "1a" for the following events:

YEAR	Flt_No	Event
2018	7	412
2018	7	421
2018	7	542
2018	7	556
2018	11	695
2018	11	704
2018	11	724
2018	11	760
2018	11	781
2018	15	787
2018	24	337
2018	24	424
2018	33	370
2018	33	371
2018	33	373
2018	33	395
2018	33	403
2018	33	580
2018	37	17
2018	207	396
2018	207	423
2018	207	426
2018	207	906
2018	207	955
2018	207	969
2018	240	173
2018	240	205
2019	4	300
2019	4	314
2019	4	323
2019	13	448
2019	15	274
2019	18	209
2019	22	199
2019	22	522
2019	23	43
2019	27	278
2019	27	279

2019	27	282
2019	27	297
2019	27	298
2019	28	190
2019	28	202
2019	33	627
2019	40	974
2019	40	981
2019	41	530
2019	44	567
2019	44	579
2019	44	593
2019	46	307
2019	48	589
2019	49	270
2019	49	271
2019	245	729
2019	245	809
2019	245	813
2019	245	814
2019	245	879
2019	264	688

AAB mapped all Block 1 events and found more sightings along the Block 1 shoreline that were not included in the Block 1 to Block 1a update because the Block 1a shapefile did not extend all the way to overlap the shoreline. AAB updated these events to Block 1a:

ID	Event	Flight	Date
4064	293	7	7/31/2018 15:12
4354	554	7	7/31/2018 17:04
7530	752	11	8/12/2018 15:46
71975	277	8	8/2/2019 11:32
72021	300	8	8/2/2019 11:43
127305	615	33	9/9/2019 13:38
127327	635	33	9/9/2019 13:48
127333	640	33	9/9/2019 13:50

Carcass updates:

2018:

7/30/2018 Flt 214 E1121 – Removed note about being resighted; was NOT resighted.

7/30/2018 Flt 214 E1130 – added to notes: Resighted on 8/8/18 F218 E24 (F218 unphotographed, resight based on position)

2019:

E525, F206, 7/11/2019 – added to notes: Cause of death could not be determined.

E223, F210, 7/18/2019 – added to notes: Killer whale predation "(based on images of original sighting)."
E361, F214, 7/27/2019 – added to notes: Killer whale predation.
E449, F247, 9/26/2019 – added to notes: Suspect killer whale predation.
E533, F256, 10/10/2019 – added to notes: Killer whale predation "(based on images of original sighting)"
E199, F260, 10/17/2019 – added to notes: Killer whale predation.
E186, F262, 10/20/2019 – added to notes: Killer whale predation "(based on images of original sighting)"
E113, F265, 10/24/2019 – added to notes: Killer whale predation

Compacted & Repaired.

Edits made by AAB
5 February 2020

Copied "Aerial_Master_2018_v6" and renamed to "Aerial_Master_2018_2019_v0".

Appended 2019 data from "Aerial_Master_2019_v3" to the "Aerial_Master_2018_2019_v0" master database:

In "Aerial_Master_2019_v3", added Lat, Long, Icepercent, UTMZ6X, and UTMZ6Y fields to match master database for appending 2019 to 2018 master database. In the Design View of the table, tried to change the Data Type to Number and Field Properties Field Size to Single for Lat, Long, UTMZ6X/Y to match the master databases. Received error that "Microsoft Access can't change the data type. There isn't enough disk space or memory." So I appended anyway with the Data Types and Field Sizes not matching (thinking that it might not matter anyway since those fields are blank in these years; they fields only need to be there for when combining this data with the 1979-2011 database), and the append went fine.

In SummaryInfo table of "Aerial_Master_2018_2019_v0", inserted fields of CAPsCircMin and CAPsCircKilo to match 2019 table.
Ran Append queries for the FlightInfo & SummaryInfo tables.

Copied over the 2019 Sightings_CAPs & SummaryInfo_CAPs tables to "Aerial_Master_2018_2019_v0". (2018 CAPs info did not yet live in the 2018 master database.)
Copied the 2018 CAPs Sightings and CAPs SummaryInfo data into the respective tables in "Aerial_Master_2018_2019_v0".

All 2018 & 2019 data are now housed in the Aerial_Master_2018_2019_v0 master database.