Edits made by AAB
14 November 2018

Added fields:
Icepercent_l
Icepercent_r
assoc_event

In Design View of the Output table, copy/pasted the Description entries for those fields from the 2018 master database:
Added Icepercent_l Description: Estimate of the percent of ocean surface within the visual range of the left observer (beginning in 2018)
Added Icepercent_r Description: Estimate of the percent of ocean surface within the visual range of the right observer (beginning in 2018)
Added assoc_event Description: FltType 8, enttags 6 & 7 are populated with the Event number of the FltType 8, enttag 3 they are associated with. FltType 8, enttag 3 are populated with the Event numbers of the FltType 8, enttags 6 & 7 they are is associated with.

Changed the Block field from Number to ShortText in Design View:
(so that all Block fields are formatted the same throughout the master databases; in 2018, with the inclusion of block 13N, the field had to be changed to ShortText.)

When trying to change the field to ShortText, Access gave me this error: Microsoft Access can't change the data type. There isn't enough disk space or memory.

So I created a blank database/table with all the same table structure: copied the Design view of the Output table and pasted it into a new table's Design view. That created a table with all the fields, but no data yet. In this new table, changed Block to ShortText and saved it. Then ran an append query to append the 1979-2011 master data into the new table. Copied the FlightInfo, SummaryInfo, and lut tables into the new database.

Compacted & Repaired.

Aerial_Master_1979_2011_v3_31 Version History

Edits by Megan Ferguson, 25 August 2018:

MCF edits to Aerial_Master_1979_2011_v3_30mcf_v5.mdb
(AAB note: AAB renamed this version to v3_31 and added edits listed at end of this v3_31 edit log.)

All edits below are for survey year 2009, and are based on plotting each continuous section of transect and determining Transect_id.

"t.id" = Transect_id

Flt 201
*E63-101: t.id = 9
*E138-145: t.id=12

Flt 202
*E44-51: t.id=1
*E112-197: t.id=4
*E209-297: t.id=5
*E332-428: t.id=7
*E467-472: t.id=10

Flt 203
*E120-142: t.id=16

Flt 204
*E74-159: t.id=16
*E196-279: t.id=13
*E295-352: t.id=12
*E387-449: t.id=10
*E472-531: t.id="C"

Flight 205, year=2009
*E176-309: Transect_id=22
*E361-401: Transect_id=19
*E589-644: Transect_id=3
*E704-812: Transect_id=6
*E846-947: Transect_id=8
*E984-1047: Transect_id=10

Flt 206
*E119-285: t.id=15
*E323-483: t.id=12
*E493-599: t.id="C"

Flight 207, year=2009
*E151-294: Transect_id=20
*E330-382, 388-484 : Transect_id=17

Flight 208, year=2009

*E105-197 : Transect_id=C
*E213: T.id=2
*E253-300: T.id=4

fLight 209, year=2009
*E191-222; Transect_id = 3
*E248-261: Transect_id=1

Flight 210, year=2009
*E89-121: Transect_id=11
*E165-187: Transect_id=9
*E211-229: Transect_id=7
*E260-284: t.id=4

Flight 211, year=2009
*E80-235: Transect_id=C
*E246-304: Transect_id=23
*E418-537: Transect_id=9

Flight 212, year=2009
*E207-208: T.id=18
*E239-278: t.id=18
*E330-468: Transect_id=C
*E485-546: t.id=3
*E566-603 : t.id=2

Flight 213, year=2009
*E151-275 : t.id=10
*E280-311: Transect_id=C
*E313-405: Transect_id=7
*E453-529 : t.id=4
*E532-546: Transect_id=C
*E647-711 : t.id=11
*E751-871: t.id=9

Flight 214
*E64- 86:t.id=8
*E114-134: t.id=6
*E151-228: t.id=5
*E282-297: t.id=1

Flight 216, year=2009
*E16-172: Transect_id=C
*E179-252 : Transect_id=17
*E291-342 and 351-355: Transect_id=14
*E477-522: Transect_id=4
*E535-576: Transect_id=3

Flight 217
*E32-43: t.id=2
*E193-205: t.i.d=5
*E209-212: t.id=5

*E218-237: t.id=

Flight 220, year=2009
*E35-57: Transect_id=1
*E126-312: Transect_id=4
*E314-357: Transect_id=C
*E369-545: Transect_id=7
*E567-715 : Transect_id=8
*E724-740: Transect_id=C
*E841-984 : Transect_id=5
*E1018-1161 : Transect_id=6
*E1229-1273: Transect_id=2
*E1295-1371: Transect_id=3

Flight 221, year 2009
*E162-188: Transect_id = 14
*E258-362: Transect_id = 11
*E393-565: Transect_id=9
*E567-719: Transect_id=C

Flt 222
*E128-181: 15

Flight 223, year=2009
*E115-281 : Transect_id=13
*E334-382, 392, 395: t.id=10
*E402:524: t.id=10
*E529-660: T.id=C

Flight 224, year=2009
*E38-62 : Transect_id=1
*E134-238: Transect_id=4
*E294-310: Transect_id=7
*E365-477 : Transect_id=5
*E525-595: Transect_id=3
*E618-652: Transect_id=2

Flight 225, year=2009
*E161-374: t.id=17
*E492-579: Transect_id=14
*E588-795: T.id=C

Flight 226, year=2009
*E77-248 : Transect_id=9
*E336-474 : Transect_id=6
*E487-523: Transect_id=C
*E529-629 : Transect_id=3
*E673-683: Transect_id=1

Flight 227, year=2009
*E182-190 : Transect_id=19
*E252-262: T.id=19

*E355-387, 410, 413, 475, 496-530: Transect_id=C

Flt 228
*E4-101: t.id=C

Flt 229
*E181-391: t.id=19
*E446-516: t.id=16
*E529-664 : t.id=16
*E667-746: t.id=C

Flt 230
*E170-223: t.id=14
*E275-293: t.id=11
*E302: t.id=11
*E354-366: t.id=C

MCF checked all other flights from 2009. Transects on all other flights had an associated TransecT_ID in the database.

Edits by Amelia Brower, 28 August 2018:

Deleted lut_Observer and lut_Pilot tables.

Added Transect ID:
ID 107506 F202 E377 – Transect_id 7
ID 134945 F244 E376 – Transect_id C
ID 134948 F244 E379 – Transect_id C
ID 134952 F244 E383 – Transect_id C

Removed Transect ID:
ID 126685 F234 E177 – Transect_id "."

Edited by Amelia Brower
9 February 2018

ID 7395, E52, F9, 9/12/1992 – notes: "resighted on 9/17/1992, F13 E21"

ID 7694, E21, F13, 9/17/1992 – Repeat=no, notes: "resight of 9/12/1992, F9 E52"

ID 811, E10, F17, 9/18/1998 – Repeat=no

ID 947, E25, F18, 9/19/1998 – notes: "same whale as E49, different location, subsistence whale and towed to shore"

ID 971, E49, F18, 9/19/1998 – notes: "same whale as E25, different location, subsistence whale and towed to shore"

ID 1308, E49, F22, 9/26/1998 – Repeat=no

ID 116474, E333, F220, 8/20/2009 – Habitat beach, notes: "resighted on 8/27/2009, F223, E618"

ID 119243, E618, F223, 8/27/2009 – Habitat beach, notes: "resight of F220, E333, 8/20/2009, previously reported"

Edited by Amelia Brower

17 January 2018

ID 118223, E703, F221, Date 8/21/2009 - Species gray whale, Habitat beach, notes "species determination based on post-script photo analysis"

ID 123661, E194, F231, Date 9/19/2009 - Species gray whale, notes "inside beach, frames: 245-250, species determination based on post-script photo analysis"

ID 124022, E555, F231, Date 9/19/2009 - notes "BKR photos; heavily decomposed; flukes trailing; not bowhead, likely gray whale based on pec flippers, based on post-script photo analysis"

ID 133380, E441, F242, Date 10/15/2009 - PhotosTaken 0, notes "PhotosTaken=0 based on post-script photo analysis, no photos found"

ID 174577, E1166, F214, Date 7/27/2010 - Species bowhead whale, notes "reported by Lisburne radio; species determination based on post-script photo analysis"

ID 276679, E364, F237, Date 8/24/2011 - Species gray whale, notes "body on beach, code 4; species determination based on post-script photo analysis"

Aerial_Master_1979_2011_v3_28 Version History
Edited by Amelia Brower
4 December 2017

Output table:

Removed trailing spaces from "partly cloudy " to "partly cloudy"
30 Aug 2011, FLT5 E404, 408, 411, 422, 424, 427, 438,
31 Aug 2011, FLT6 E410, 415, 418.

SummaryInfo table:

Copied info from 2008, Flights 1-45 (the only records with entries in these columns)
from Bowhead_Calves field and pasted into Bowhead_Cow-calf_Pairs field
from Bowhead_Calves_On_Transect and pasted into Bowhead_Cow-calf_Pairs_on_transect

Deleted fields:
Bowhead_Calves
Bowhead_Calves_On_Transect

Renamed fields:
from Bowhead_Cow-calf_Pairs to Bowhead_Calves
from Bowhead_Cow-calf_Pairs_on_transect to Bowhead_Calves_On_Transect

Aerial_Master_1979_2011_v3_27 Version History
Edited by Amelia Brower
25 October 2017

Output table:

Family 6 (unid and sm unid mar mam's):

ID	Event	Flt_No	GMT_Minus8_DateTime
110702	387	207	7/5/2009 12:42:20 PM
249821	534	21	9/28/2011 12:45:04 PM
272470	600	229	8/7/2011 12:45:23 PM
277932	541	238	8/26/2011 3:23:46 PM
279733	142	241	9/2/2011 11:44:48 AM
291033	617	257	9/29/2011 3:43:15 PM
291481	601	257	9/29/2011 3:35:20 PM
291559	577	257	9/29/2011 3:26:55 PM

Behavior dead:

ID	Event	Flt_No	GMT_Minus8_DateTime
101500	34	9	8/8/2008 5:13:21 PM
101503	37	9	8/8/2008 5:19:06 PM
101510	44	9	8/8/2008 5:38:27 PM

Entry s on transect, Species unid pinniped, Behavior dead, Totalno 1, Final_group 1, Block 13, Family 2, enttag 3

ID	Event	Flt_No	GMT_Minus8_DateTime
116881	740	220	8/20/2009 3:20:50 PM

Transect_id "."

ID	Event	Flt_No	GMT_Minus8_DateTime
113783	537	213	7/26/2009 2:19:24 PM
113784	538	213	7/26/2009 2:22:24 PM
113787	541	213	7/26/2009 2:25:13 PM
113792	546	213	7/26/2009 2:28:09 PM

Aerial_Master_1979_2011_v3_26 Version History
Edited by Amelia Brower
13 April 2017

Output table:

Removed trailing space from Skycon "partly cloudy "

ID	Event	Flt_No	Date
239422	404	5	8/30/2011
239426	408	5	8/30/2011
239429	424	5	8/30/2011
239432	427	5	8/30/2011
239481	411	5	8/30/2011
239492	422	5	8/30/2011
239495	438	5	8/30/2011
240035	410	6	8/31/2011
240040	415	6	8/31/2011
240043	418	6	8/31/2011

ID116474 F220 E333 (2009) – Habitat beach, notes "resighted 27Aug2009, FLT223 E618"

ID119243 F223 E618 (2009) – Habitat beach, notes "resight of 20Aug2009, FLT220 E333 (previously reported)"

ID41303 F15 E28 (1984) – Habitat beach, notes "position of sighting represents aircraft position; carcass location was on beach (based on 1984 report, Ljungblad et al. 1985)"

Aerial_Master_1979_2011_v3_25 Version History
Edited by Amelia Brower
21 February 2017

Output table:

ID 103506 FLT25 E65 – notes: "photo names (have edited photos only) 'Beach bears', 'Lounging 3', 'Skulls and bears 2'"

Calf_on_Circle value changed to "1":

ID	Event	Flt_No
109802	124	206
111881	322	210
112562	581	211
113048	429	212
113049	430	212
142289	259	4
151731	346	17
138888	633	249
257844	51	205
260141	530	208
264073	268	217
264553	107	219
264573	114	219
285512	1036	248
285515	1039	248

Calf_on_Circle value changed to "2":

ID	Event	Flt_No
121154	323	226
157840	708	8
163256	222	16
287053	263	250

Calf_on_Circle value changed to "4":

ID	Event	Flt_No
150760	576	16
160816	556	12

Calf_on_Circle value changed to "6":

ID	Event	Flt_No
153149	702	18

Aerial_Master_1979_2011_v3_24 Version History
Edited by Amelia Brower
11 January 2017

Output table:

ID35453 F14 E53 – Vis_right from "Unlimited" (capital "U") to "unlimited" (lower case "u")

Aerial_Master_1979_2011_v3_23 Version History
Edited by Amelia Brower
4 August 2016

Output table:

ID76736 FLT12 E120
ID76916 FLT13 E23
ID77257 FLT15 E131
ID77483 FLT18 E131

Behavior: dead, notes: "dead" added to behavior in Aug 2016 based on Monnett and Gleason 2006

Output table:

Updated Transect_id field with Beaufort Sea transects (140W to 157W) using transect ID numbers assigned by MCF, starting with 101 in the easternmost survey bin (140.0 to 140.5 W) and ending with transect ID 134 near Barrow.

Output table:

ID 287317 FLT250 E387 - Species "Dall sheep".

ID 39341 FLT1 E36, ID 33477 FLT45 E45, ID 66055 FLT38 E52, E53 - Species "Dall's porpoise".

Behavior "hauled out" (walrus with Habitat of broken floes or unconsolidated ice and had notes they were on ice):
ID 99660 FLT4 E208
ID 100313 FLT16 E23
ID 102084 FLT16 E39
ID 102246 FLT16 E201
ID 102259 FLT16 E214

Behavior "hauled out" (pinnipeds and walrus with Habitat of "on land"):
ID 4510 FLT8 E52
ID 12835 FLT10 E66
ID 26334 FLT6 E52
ID 120620 FLT225 E591
ID 121913 FLT227 E337
ID 122336 FLT229 E119
ID 122945 FLT229 E728
ID 180608 FLT225 E116
ID 181059 FLT225 E568
ID 181060 FLT225 E569
ID 181125 FLT225 E578
ID 181288 FLT225 E741
ID 182677 FLT228 E138
ID 183277 FLT228 E138
ID 183279 FLT229 E176
ID 185610 FLT232 E151
ID 186134 FLT233 E131
ID 188297 FLT237 E136

Behavior "hauled out" (pinnipeds and walrus with Habitat of "on ice"):
bearded seal n=61
ringed seal n=73
small unid pinniped n=10
unid pinniped n=164
walrus n=342

Added "dive" to notes:
ID 19490 FLT17 E32
ID 5723 FLT29 E31

In 2009, all automatic update FltTypes were stored as survey mode FltTypes in the first part of 2009, then morphed into "-1" in August, so that by flt 218, they were all entered as "-1". I ran update queries to change all automatic update FltTypes to "-1".
FltType of 1, n=1486
FltType of 2, n=2591
FltType of 4, n=1609
FltType of 5, n=99
FltType of 6, n=48

Icepercent - 99 (cetaceans that were in 100% ice):
ID 35183 FLT7 E13
ID 39090 FLT87 E3
ID 31559 FLT9 E52
ID 31560 FLT9 E53

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ID 31567 FLT9 E60
ID 31572 FLT10 E3
ID 31578 FLT10 E9
ID 31632 FLT10 E63
ID 39854 FLT77 E24
ID 39978 FLT79 E28
ID 41078 FLT11 E51
ID 54231 FLT207 E12
ID 54281 FLT207 E62
ID 54371 FLT209 E40
ID 54456 FLT211 E43
ID 23641 FLT32 E14
ID 84354 FLT25 E7
ID 84403 FLT25 E56
ID 84472 FLT26 E62
ID 84510 FLT26 E100
```

Output table:

In Design View, Descriptions to Field Names:

Icepercent - within description, changed (1979-1991, 2008-2013) to (1979-1991, and starting again in 2008).

Icetype - within description, changed (1979-1991, 2008-2013) to (1979-1991, and starting again in 2008).

All entries with behavior "rest" and a Swimdir value other than "." or "No Dir":
Swimdir was changed to "." (559 records).

IDs 55853, 55854, 55855 (10/30/89, Flt 227 E19, E20, E21) - ice percent 0, ice type
no ice

Aerial_Master_1979_2011_v3_18_VH
Edited by Amelia Brower

Edits to Aerial_Master_1979_2011_v3_18:

FLT202 E52 - X/Yofwhale -1, Lat/LongTemp changed to ArcLat/Long
FLT232 E116 - X/Yofwhale -1, Lat/LongTemp changed to ArcLat/Long
FLT249 E175 - X/Yofwhale -1, Lat/LongTemp changed to ArcLat/Long
FLT256 E761 - X/Yofwhale -1, Lat/LongTemp changed to ArcLat/Long

NMML Arctic Marine Mammal Research > Shared Documents > BWASP Historical Data > Restricted > Aerial_Master_1979_2011 > Version History

Versions saved for Aerial_Master_1979_2011.MDB

All versions of this document are listed below with the new value of any changed properties.

Delete All Versions | Delete Minor Versions

No. ↓	Modified	Modified By	Size	Comments
3.17	5/11/2015 2:11 PM	Amelia Brower	97.6 MB	Vis_left and Vis_right - changed "Unlimited" to "unlimited" (Vis_left: 27,397 records, Vis_right: 27,350 records)
3.16	11/1/2013 9:20 AM	Amelia Brower	97.6 MB	CLC Edits Part III/III N=104-chgd swimspeed "fast >" to "fast" N=689-chgd swimspeed "slow <" to "slow" N=113-chgd observer "Becky Scott" to "Rebecca Scott" N=436-chgd visimpleft "-1" to "." N=418-chgd visimpright "-1" to "." N=10-chgd vis_left "-1" to "." N=29-chgd vis_right "-1" to "." N=43,833 -chgd transectid "-1" to "." N=912-chgd transectid "0" to "." Transectid - replaced "c" with "C" N=644-chgd datarecorder "Becky Scott" to "Rebecca Scott" N=1-chgd obsleft "Ameilia Brower" to "Amelia Brower" N=451-chgd obsleft "Becky Scott" to "Rebecca Scott" N=979-chgd obsright "Becky Scott" to "Rebecca Scott" Inserted "NoReacted" and "alt_gps" fields into Output table design. Updated field definitions in Output table design.
3.15	11/1/2013 9:13 AM	Amelia Brower	97.6 MB	CLC Edits Part II/III N=2-chgd habitat "bay or waters inland of barrier islands" to "bay or lagoon" N=11-chgd habitat "large, broken floe (old ice)" to "lrg broken floes" N=4-chgd habitat "leads or lead system" to "lead" N=23-chgd habitat "med-lg floes (old & new ice)" to "med broken floes" N=1713-chgd habitat "on ice (near lead or on floe)" to "on ice" N=5-chgd habitat "river mouth" to "river delta" N=1112-chgd behavior "3/4s to entire body exposed; resting/lying on surface of water" to "rest" N=4-chgd behavior "feeding at bonepile" to "feed"; added notes N=2-chgd behavior "feeding on seal on ice" to "feed"; added notes N=17-chgd behavior "hauled out on land" to "hauled out" N=1-chgd behavior "head to half the body exposed in water" to "rest" N=272-chgd behavior "lying, resting or alert on ice" to "rest" N=47-chgd behavior "sitting or lying on ground or ice" to "rest"
3.14	11/1/2013 8:52 AM	Amelia Brower	97.6 MB	CLC Edits Part I/III ID265487,F220,E146,Yr2011-chgd entry "s on circling" to "s on circling - search" ID272420,F229,E603,Yr2011-chgd entry "s on circling" to "s on circling - transect" N=11-chgd species "icebreaker" to "vessel icebreaker" N=4-chgd species "lg. rec. vessel" to "vessel lg. rec." N=34-chgd species "seismic vessel" to "vessel seismic" N=11-chgd species "sm. rec. vessel" to "vessel sm. rec." N=238-chgd species "small craft" to "vessel small craft" N=303-chgd species "commercial vessel" to "vessel commercial" N=1-chgd species "coast guard vessel" to "vessel coast guard"
3.13	8/7/2013 2:35 PM	Megan Ferguson	95.8 MB	Output: Changed Entry field design to allow 50 characters. Updated Entry & Flttype fields to distinguish between transect circling (n=769) and search circling (n=463). Revisions were made by MHay on 5/8/2013. lut_Flttype: Changed code 5 to "circling - transect" and added code 6.
3.12	3/13/2013 4:17 PM	Cynthia Christman	97.2 MB	Changed totalno and notes for the following walrus sightings based on actual group sizes found in annual reports (verified by JTC): ID36526/F32/E74 ID38341/F69/E47 ID38932/F82/E41 ID34771/F65/E70 ID34773/F65/E72 ID39591/F72/E11 ID40125/F81/E56 ID40126/F81/E57 ID40127/F81/E58 ID40130/F81/E61 ID40131/F81/E62 ID40133/F81/E64 ID40135/F81/E66 ID40136/F81/E67 ID44038/F65/E49
3.11	1/31/2013 11:56 AM	Cynthia Christman	97.2 MB	Revised/updated LatTemp, LongTemp, and Block fields in all data from 1979-2011. Populated LatTemp/LongTemp fields to include actual positions where ava 1. Only sightings have blocks numbers; other records are NULL. 2. To determine block assignments, actual positions were used when available, otherwise plane positions were used (LatTemp/LongTemp). 3. Sightings have blocks 1-29 or 12.1-16.1, if in bounds. 4. Sightings have block 0, if out of bounds. 5. Blocks 12.1-16.1 represent blocks 12N-16N. 6. Block boundary precision was to three decimal places where applicable (e.g., 71.333, 71.167, etc.).
3.10	1/9/2013 8:32 AM	Cynthia Christman	97.2 MB	Inserted "PrimObs" column in Output table. Numeric codes 1 and 0 indicate primary observer or non-primary observer, respectively. Populated "PrimObs" for all records from 1989-2010, using the PrimObs2_9.csv created by MCF (n=181,165). Primary observers could not be determined pri Populated "PrimObs" for all 2011 records using info in the ObsLeft/Right/Fourth and DataRecorder fields. (n=59,237) Note: 181,165 (pre-2011) + 59,237 (2011)=240,402. There are a total of 240,403 records in the mdb; however, 1 record is blank (no data, including date/t
3.9	1/7/2013 3:02 PM	Cynthia Christman	96.2 MB	Changed file name from "Aerial_Master" to "Aerial_Master_1979_2011".
3.8	1/7/2013 3:01 PM	Cynthia Christman	96.2 MB	Database was over 100MB with 2012 data appended; file size too large for SharePoint server. Removed all 2012 data from FlightInfo, SummaryInfo and Out
3.7	12/14/2012 10:35 AM	Cynthia Christman	127.9 MB	Ver 3.6 below has ASAMM2012_v02.mdb appended to it. A few additional edits were made to ASAMM2012_v03.mdb, which are included here in Ver 3.7. Edits: Output: ID341766/F265/E652 - chgd enttag to 5 SummaryInfo: Subtracted refuel time from total and deadhead minutes for 2012 F265.
3.6	12/13/2012 5:17 PM	Cynthia Christman	127.9 MB	Appended 2012 data to Output/FlightInfo/SummaryInfo (details below). Added tables for 2012 obs & pilot names.

MHay chgd Output Ice% from number to text to allow "n/a".
Current master mdb too lrg to chg datatypes in design view (MaxLocksPerFile error).
To resolve, created a new empty table, copy/pasted 1979-2011 mdb design into new table, modified field properties (General>Required/Allow Zero Length/l
Added Output fields "Pilot/Co_Pilot"; FlightInfo field "ObsFourth"; SummaryInfo fields "RefuelMin/RefuelSubtFromTotal&DeadMin".
Output=323,471 records [240,403 (79-11) + 83,068 (2012)]
FlightInfo/SummaryInfo=1068 records each [936 (79-11) + 132 (2012)]

Output "Species" chgs:
bowhead to bowhead whale (n=6238)
orca to killer whale (n=6)
humpback to humpback whale (n=1)
minke to minke whale (n=2)
unknown cetacean to unid cetacean (n=265)
unknown pin to unid pinniped (n=3073)

Ver	Date	Author	Size	Notes
3.5	5/14/2012 11:48 AM	Cynthia Christman	92.3 MB	No changes. Comment only. Note that record ID "59021" in FlightsConcatenated_BWASPCOMIDA2011.mdb was dropped when 2011 data were appended t
3.4	4/19/2012 2:32 PM	Cynthia Christman	92.3 MB	ID277527, 277528, 185610, 131300, 148924, 148927 - chgd PhotosTaken to "1"
3.3	2/8/2012 4:53 PM	Cynthia Christman	92.3 MB	Revised all DIST_FROM_SHORE (DFS) values using new normalized shoreline (NS) projected to NAEC but now with custom parameters that better fit study
				DFS calculated for all saved sightings from 1979-2011, north of 67.5N and west of 139.5W using actual positions when available, otherwise plane positions (
				DFS is negative when sightings are landward of NS (n=686).
				DFS is positive when sightings are seaward of NS (n=26571).
				DFS is Null for all remaining records.
3.2	1/12/2012 11:06 AM	Cynthia Christman	92.3 MB	DIST_FROM_SHORE - Added additional sightings to DFS calculations described in v3.1. Extended boundary of query to include sightings north of 67.5 and w
				All calculations created point data (x/y events) using LatTemp/LongTemp (populated these fields temporarily for 1979-2010 data to run calculation; i.e., X/Yo
				All calculations used new normalized shoreline.
				Negative values indicate that sightings are landward of the normalized shoreline.
3.1	1/11/2012 3:36 PM	Cynthia Christman	92.3 MB	Recalculated all DIST_FROM_SHORE values for 1979-2010 data using new normalized shoreline (AlaskaWVS_NewCoastNAEC_Polyline created by Christman

This is the current published major version

Ver	Date	Author	Size	Notes
3.0	1/7/2013 3:01 PM	Cynthia Christman	92.3 MB	Output, FlightInfo, SummaryInfo tables:
				1. In design view, changed all text fields "allow zero length" to NO (see http://allenbrowne.com/bug-09.html).
				2. Appended 2011 data from FlightsConcatenated_BWASPCOMIDA2011_v0_8.mdb.
2.10	12/20/2011 5:15 PM	Cynthia Christman	69.1 MB	FlightInfo - changed "Mike Baffrey" to "Michael Baffrey" where applicable
				Output - ID39320 beluga sighting totalno chgd from "100" to "250" based on info from JTC/MCF
2.9	12/7/2011 2:31 PM	Cynthia Christman	69 MB	Deleted Queries.
				FlightInfo - updated initials with full names where known; fixed misspellings.
				Output -
				1. Aerial_Survey chgd "NMML_Comma" to "NMML_Cmdr" (n=30500);
				2. ObsRight chgd "Brenden" to "Brendan" (n=7);
				3. Observer updated initials with full names where known, fixed misspellings, chgd lowercase to uppercase;
				4. Design view updated field definitions.
2.8	6/24/2011 2:09 PM	Cynthia Christman	69 MB	Initially made X/YofWhale edits to v2.4, but upload became corrupt (only loaded 5MB of data and did not recognize file as an .mdb). Deleted v2.6 (5MB file).
				be relevant.
				Edits:
				V2.4 – ID98342 – species: chgd to 'track-polar bear'; was originally 'track-polar bear' w/ totalno=0; accidentally chgd to 'polar bear'; chgd back to 'track-pola
				V2.8 - Added observer and pilot names to lut tables. Updated X/YofWhale for all cetaceans (n=2596), pinnipeds and land mammals (n=799) from 1998-pres
				total records w/ X/YofWhale values after update = 6460.
2.7	6/23/2011 5:12 PM	Cynthia Christman	69 MB	
2.5	6/23/2011 5:00 PM	Cynthia Christman	69 MB	
2.3	4/14/2011 5:09 PM	Cynthia Christman	69 MB	Recalculated depth values (Depth_m) for all 1979-2009 data using updated bathymetry files.
				Files used:
				Aerial_Master_v2_2.mdb
				BWASP_geographics.mdb
				CalcDepthAndDistance.bas (pulling positions from ArcLat/ArcLong)
				IBCAO raster (updated by Mike Hay 12/19/2010; projected in Polar Stereographic with 2.036 km resolution after geo-processing)
2.2	4/5/2011 1:34 PM	Cynthia Christman	69 MB	Edits:
				ID83060 - airhead; chgd 1014 to -1
				ID49761 - calfno; chgd 4 to 0 (see Ljungblad et al. 1987)
				Output design view - inserted field descriptions
2.1	3/31/2011 10:13 AM	Cynthia Christman	69 MB	Added notes to 193 records where totalno=100 prior to 2007; note describes how totalno may be a minimum estimate.
				ID104072 - del 31 from group; arctic fox, not a pinniped
2.0	1/7/2011 10:36 AM	Cynthia Christman	69 MB	Prepped tables for 2010 data. Flightinfo - renamed as FlightInfo. SummaryInfo - changed Bowhead_Cow_calf_Pairs/on_Transect to Bowhead_Cow-calf_Pa
				Appended 2010 FlightInfo, SummaryInfo and Output data from FlightsConcatenated_BWASPCOMIDA2010_v0_11.mdb.
1.37	8/9/2010 4:30 PM	Cynthia Christman	54.5 MB	Edits:
				Group
				n=190 records - chgd 2,3,4,5 to 13
				n=72 records - chgd 6,10,11 where totalno>2 to -1
				n=33 records - chgd 6,9,10,11 where totalno=2 to 14
				n=7 records - chgd 7 to 14 (totalno=2)
				n=12 records - chgd 12 where totalno>2 to 15
				n=16 records - chgd 12 where totalno=2 to 14
1.36	6/28/2010 4:52 PM	Cynthia Christman	54.5 MB	Edits:
				n=576 records - Icetype: chgd frazzle to frazil
				n=9116 records - Skycon,VisImpLeft/Right,Vis_left/right,Icetype,Seastate - chgd to "n/a" & Icepercent chgd to 0 where flttype=1 (deadheads)
1.35	6/25/2010 2:35 PM	Cynthia Christman	54.5 MB	Edits:
				updated lut_GroupClassification table: added codeFamily column and groupclass values for codes 13-16, 37-39
				ID54279,2863,75404, - Icepercent: chgd to 0
				ID2897,2927,58253,58254,58263,58264,10102,9410,9559,14226,16241,16940,16671,19639,30259,30715,70607,72355,75379-75382,79038-79043,79141
				ID98342,98651,103522,97558-97559,102983,104205,100287,103766,104207,104841,100310,98776 - Group: chgd to -1

Page 21

| 1.34 | 6/24/2010 3:34 PM | Cynthia Christman | 54.5 MB | Edits: |

ID98652,99148,99591,99592,103874,104696,106386,106465,107623,116341 - Air_Head: chgd to value in airhead_gps field; airhead_gps comes directly fro

ID104696 - Swimdir_True: chgd from 328 to 329; this value should be calculated from the airhead_gps field not the air_head field

n=224 - Swimdir_True: del where it is not assoc. w/ a sighting (most cases occur when data trickled down in 2009)

ID146565,146567 - Swimdir_True: del; sightings were on circling

ID2261,36109,67353 - Swimdir_True: del; sightings are dead

ID2261,25319,35977,36109,36178,36490,36494,38331,38714,67353 - Swimspeed: del; sightings are dead

ID39955,39956,43483-43484,47378,49529,49592-49595,50056,50286,50371-50372,50543,22537 - Icetype: chgd to -1

ID50058,51555-51556 - Icepercent: chgd to 0

| 1.33 | 6/17/2010 9:26 AM | Cynthia Christman | 54.5 MB | Edits: |

ID707-Totalno: chgd to 2
Behav: del cow/calf:
ID32779,32799-(1 calf, accounted for)(Ljungblad 1984)
35063-(no report info, totalno=1)(Ljungblad 1983)
35234-(only 1 bear)(Ljungblad 1983)
43449-(totalno=1, size=adult, no report info)
63925-(totalno=1, no report info)
32654-(Ljungblad 1984)
37327-also added note (only calf seen)(Ljungblad 1983)
ID32073-Calfno: chgd to 1 (Ljungblad 1984)
ID35110,35122,35724,35742,37567,37569,37583,63918,64655,66524,66525,66526,68885 - Calfno: chgd to -1 (reports suggest calves)
ID64026-Calfno: chgd to 1 (pup noted)(Ljungblad 1982)
ID56041-Calfno: del 2 (totalno=1, no report info)
ID76528-Behav/Calfno: del cow/calf/6 (totalno=1, no report info)
ID82512-Notes: calfno>totalno (bowheads/left as is; no report info)
ID1006,28929,56311,57680,75761,79394 - Calfno: del (totalno=calfno, size=adult, no report info)
n=34 records-Calfno: chgd blanks/0 to -1
ID99997,101096,103220-Obs: chgd to Jeff Childs
ID103217,103221,103222,103623-Obs: chgd to Gary Friedrichsen

| 1.32 | 6/15/2010 3:33 PM | Cynthia Christman | 54.5 MB | Edits from 6/14 & 6/15: |

ID81006 - Habitat/Icepercent: del "on ice (near or on floe)"/chgd 100 to 99

ID14603,14864,14880,15878,15888,19563,19970 - Habitat: del "open water"

ID82590 - Behavior: del "dead"

n=96 records - Behavior: del "run" (for pinnipeds & whales)

ID44644,2040 - Behavior: del "swim"

ID148084,148087 - Habitat: del "on ice (near lead or on floe)"

ID2041,12812,58053,131300 - Icepercent/type: chgd to -1

| 1.31 | 6/11/2010 4:12 PM | Cynthia Christman | 54.5 MB | Edits: |

ID35098 - Species: chgd to narwhal (see tech report for 1982, Ljungblad et al. 1983)

Deleted aux sighting data where species was blank:
ID74613,74120,56671,62767,63293,11443,62049,38370,60146,22886,45185,47633,30493,101188,101516,7159,25444,31431,31528,31706,31761,31772,

ID33049 - Sightcue/Behavior: chgd to ""

ID97124,97297,97348,97636,99096,98342,n=116 records (exclu "kill site no bear" and "track-" sightings), chgd totalno to 1

n=25 records - Sightcue: chgd 9 to "display" (cross referenced w/ publ. report)

ID481 - Sightcue: chgd to ""

n=355 records - Size: deleted size data from 2007-2009; size was used prior to 2007; group replaced size in 2007 and size should no longer be populated

ID42654 - Behavior/Size: chgd to ""
ID707,25173,25742,76681,76895 - Calfno: chgd to 1

| 1.30 | 6/11/2010 7:04 AM | Cynthia Christman | 54.5 MB | Edits: |

ID98271,98875,101972,102024,103854,106751,96676,97027,97044,98041,98049,98053,98055,98061,98062,98443,98683,98938,98940,96591,96592,976

ID99563,99803,101352,101716,102280 - Entry: chgd to deadhead

ID98128,98363,100894 - enttag: chgd to 1

ID97187,102456,100016,101024 - Family: chgd to 2

ID98652 - Family: chgd to 1

n=18 records in 2008 - Species: chgd "Polar Bear" to "polar bear"

| 1.29 | 6/3/2010 3:44 PM | Cynthia Christman | 54.5 MB | Edits: |

ID111426, 111435-111437 - Flttype: chgd to 4
ID115077-115078 - Flttype: chgd to 2

| 1.28 | 6/2/2010 3:40 PM | Cynthia Christman | 54.5 MB | Edits: |

SummaryInfo table: added record (OBJECTID817) for 2009 flt 215; flt 215 summary was not generated in the field due to computer problems; I pulled the fl

ID32131 - chgd record to reflect data found in following record ID32132; removed dead from behavior and 1 from totalno; ID32132 date/time coincides with

ID6447,27855,69655 - FltType: chgd to 1
ID102219,103299,104378 - FltType: chgd to 4
ID98530-98533,98128 - FltType: chgd to 2

| 1.27 | 6/1/2010 3:51 PM | Cynthia Christman | 54.5 MB | Edits: |

Multiple records - Aerial_Survey: chgd to new "agency_platform" convention: years 1986-1991, 2009

| 1.26 | 5/28/2010 4:47 PM | Cynthia Christman | 54.3 MB | Edits: |

Multiple records - GMT_Minus8_DateTime: added 8 hours to time on the following flights:
8/2/1979, flt 13
9/7/1979, flt 30

Page 22

6/7/1980, flt 30
7/23/1980, flt 50
9/18/1980, flt 72
10/6/1980, flt 85

9/15/1980, flt 69 - chgd times per JTC old records

Multiple records - Aerial_Survey: chgd to new agency_platform convention:
years 1979-1985 (n=27773) chgd to NOSC_Goose
years 1992-2007 (n=41916) chgd to MMS_Otter
year 2008 (n=7382) chgd to NMML_Otter

| 1.25 | 5/27/2010 5:34 PM | Cynthia Christman | 53.9 MB | Edits: |

Multiple records - Flt_No: years 1986-1991 flight numbers were repeated; added 200 to flight numbers where secondary aircraft was flying so that each yea

1986 (multiple records) - chgd fltno for flights starting on 9/7
1987 (n=2056) - chgd fltno for "NOSC" flights
1988 (n=570) - chgd fltno for "NOSC" flights
1989 (n=1571) - chgd fltno for "NOSC" flights
1990 (n=1120) - chgd fltno for "NOSC" flights
1991 (n=1665) - chgd fltno for "NOSC" flights

Flight numbering scheme based on discussions w/ JTC. Note that Aerial_Survey field will soon be revised, so above "NOSC" designation may no longer apply.

| 1.24 | 5/21/2010 4:42 PM | Cynthia Christman | 53.9 MB | Edits: |

ID948-952, 28936-28937, 30511-30515, 30664-30665, 70662-70664, 72750-72751, 73706-73708, 74102-74103, 74125-74127, 74287-74288, 74445-7444
either remove duplicates or to have numbers follow proper ascending order by date/time

| 1.23 | 5/20/2010 4:15 PM | Cynthia Christman | 53.9 MB | Edits: |

ID40508, 40509, 21146, 21147, 21337, 21338 - Entry/Flttype: chgd to p on connect/3
ID170 - Event/Entry/Flttype: chgd to 40/s on transect/2
ID169 - Event: chgd to 39
ID74821 - Event: chgd to 91
ID74822 - Event: chgd to 92

| 1.22 | 5/12/2010 5:20 PM | Cynthia Christman | 53.9 MB | Edits: |

ID153258 - inserted row for start transect and renumbered Event
ID66950 - Entry/Flttype: chgd to p on transect/2

| 1.21 | 5/11/2010 4:43 PM | Cynthia Christman | 53.9 MB | Edits: |

ID96500, 96857 - Entry/Flttype/Enttag: chgd to p on connect/3/2
ID96501, 96502 - Entry/Flttype: chgd to p on connect/3
ID96503 - Entry: chgd to start transect
ID57907, 73302, 83112 - Entry: chgd to p on search
ID72027 - Entry: chgd to p on connect
ID96614, 97302, 97650, 98657, 103103 - chgd "s on" entries to "p on", del aux sighting data, & chgd codes
Multiple records (n=9) - Species/etc: del "no sight" species and aux sighting data
ID2231, 25683, 31017, 39176, 55297, 71438, 76808, 79741, 102410 - Entry: chgd to s on search
ID54185, 54241, 57418, 75987, 76509, 76643, 76644, 76645, 77049, 81150 - Entry: chgd to s on transect
ID82801 - Entry/Flttype: chgd to s on search/4
ID153250 - inserted row for deadhead, renumbered Event
ID153251-153257 - inserted row for sighting, renumbered Event
ID35735, 1941, 81286, 81548, 82838, 66631, 96589 - moved sighting to inserted rows ID153251-153257

| 1.20 | 5/10/2010 7:21 PM | Cynthia Christman | 53.9 MB | Edits: |

ID80842-80844 - Entry/Flttype: chgd to p on transect/2
ID80845 - Entry/Flttype: chgd to s on transect/2
ID153249 - inserted deadhead and adjusted Event

| 1.19 | 5/7/2010 7:00 PM | Cynthia Christman | 53.9 MB | Edits: |

ID153241-153245 - inserted end transect and adjusted Event numbers
Multiple records - Entry: chgd initial/final p on deadhead to deadhead
ID105369 - Entry: chgd to s on search
ID105817 - Entry/Enttag: chgd to resume transect/1
ID106317 - Entry: chgd to end transect
ID106323 - Entry: chgd to start transect

| 1.18 | 5/6/2010 4:47 PM | Cynthia Christman | 53.9 MB | Edits: |

ID57471 - Entry/Flttype: chgd to end transect/3
ID57472-57474, 79940, 80069 - Entry/Flttype: chgd to deadhead/1
ID57475, 79942, 80072 - Entry: chgd to start transect
ID72658 - Entry/Flttype: chgd to p on connect/3
ID75676 - Entry/Flttype: chgd to s on transect/2
ID78772, 78773, 78775 - Entry/Flttype: chgd to p on search/4
Saved: chgd blanks to 0 where Entry & other fields were blank (2007-2008)
Entry: chgd start/end connects (n=247/227) to p on connect
Flttype: chgd 4 to 3 where Entry=p on connect (n=226)
ID153233, 153232, 153221 - revised inserted row w/ data from following row
ID82328 - Entry/Flttype: chgd to s on connect/3
ID153236-153240 - inserted end transect row and adjusted Event numbers
ID97576, 101973, 100290, 102769, 100429, 104023 - Entry: chgd to deadhead
ID98056, 98057 - Entry/Flttype/Enttag: chgd to p on search/4/2

| 1.17 | 5/5/2010 3:37 PM | Cynthia Christman | 53.9 MB | Edits: |

Numerous records in 2007 & 2008 - Entry: chgd initial or final p on deadhead to deadhead
ID97610 - Entry/Enttag: chgd to p on transect/2
ID153234 - inserted initial deadhead and renumbered Event
ID97934 - Flttype: chgd to 1
ID153235 - inserted final deadhead
ID98092, 103304 - Enttag: chgd to 2
ID98935, 103305 - Enttag: chgd to 5

| 1.16 | 5/4/2010 4:16 PM | Cynthia Christman | 53.9 MB | Edits: |

ID153223, 153225, 153228, 153230, 153231 - inserted final deadhead record
ID153224, 153226, 153227 - inserted initial deadhead record
ID153232, 153233 - inserted end transect record (*note - need to consult jtc/mf on insertion of start/end transects)
ID79266 - Entry/Flttype: chgd to s on transect/2
ID79394-79397, 82231, 82353, 82464 - Entry/Flttype: chgd to s on search/4
ID82354, 82794 - Entry/Flttype: chgd to p on search/4
ID96684, 96685, 97077, 97078, 97316 - Entry: chgd to deadhead
ID81867 - Entry: chgd to p on transect
ID82548 - Entry: chgd to s on search
ID82474 - Event: chgd to 75
ID96658 - Flttype/Enttag: chgd to 2/2

| 1.15 | 5/3/2010 4:33 PM | Cynthia Christman | 53.9 MB | Edits: |

Page 23

				ID153220, 153222 - inserted initial deadhead and renumbered Event
				ID153221 - inserted end transect and renumbered Event
				9/13/2004, 9/14/2004, 9/16/2004, 9/19/2004, 9/21/2004, 9/22/2004 - Event: renumbered
				ID76657, 77737 - Entry/Flttype: chgd to s on connect/3
				ID76683, 77095, 78008, 78752 - Entry/Flttype: chgd to s on search/4
				ID76789, 77486, 78030, 78123 - Entry/Flttype: chgd to s on transect/2
				ID77293, 77597, 78325, 78552, 78553, 78659 - Entry/Flttype: chgd to p on search/4
				ID77889, 78399 - Entry/Flttype: chgd to p on transect/2
1.14	4/30/2010 3:47 PM	Cynthia Christman	53.9 MB	Edits:
				ID57975, 30816 - Entry/Flttype: chgd to p on search/4
				ID57989, 72566 - Entry/Flttype: chgd to s on search/4
				ID58248, 27704, 30889 - Entry/Flttype: chgd to p on transect/2
				ID26423, 26424, 29214 - Entry/Flttype: chgd to s on transect/2
				ID29246, 29363 - Entry/Flttype: chgd to end transect/3
				ID29728 - Entry/Flttype: chgd to deadhead/1
				ID153216, 153217, 153218 - inserted initial deadhead and renumbered Events
				ID153215 - inserted end transect and renumbered Events
				10/8/1998 & 9/29/1999 - Event: renumbered
				ID2500/2499 - Event: chgd to 84/83
1.13	4/29/2010 4:45 PM	Cynthia Christman	53.9 MB	Edits:
				9/12/1986 (n=20), 9/16/1986 (n=8), 1989 NOSC flights (n=1571) - GMT_Minus8_DateTime: added 8 hours to time
				ID153207 - inserted an initial deadhead row and renumbered Events
				ID153209, 153213 - inserted a start transect row and renumbered Events
				ID153208, 153210, 153211, 153212, 153214 - inserted an end transect row and renumbered Events
				ID57116, 57166, 57805 - Entry: chgd to start transect
1.12	4/28/2010 3:33 PM	Cynthia Christman	53.9 MB	Edits:
				ID153205 - inserted record; initial deadhead for flt; flt started at Event 32 so made inserted record Event 31; not sure why previous Events are missing
				DateTime - updated all records in 1982 (n=4370); added 8hrs to time
1.11	4/27/2010 3:48 PM	Cynthia Christman	53.9 MB	Edits:
				Added Event numbers to 1997 data
				ID60305/60395/60405/61651/32362/6196 - Entry/Flttype chgd to "p on transect" and 2
				ID65969 - Entry/Flttype chgd to "p on search" and 4
				ID153200/153201/153202 - inserted record for final deadhead
				ID4246 - Entry chgd to "start transect"
				ID11249 - Entry/Flttype chgd to "s on search" and 4
				ID676-679 - Event reordered based on time
				ID153203 - inserted record for initial deadhead and renumbered Event
1.10	4/26/2010 3:47 PM	Cynthia Christman	53.9 MB	Edits:
				Added Event numbers to 1995, 1996 and 1997. See v1.3 comments.
1.9	4/23/2010 3:48 PM	Cynthia Christman	53.9 MB	Edits:
				Icepercent & Icetype - numerous records; started reconciling entries that do not coincide (see if/then examples below); need to look at individual flights to d
				if Icepercent=0, then Icetype=no ice, n/a, -1, "", lead(?)
				if Icepercent>0, then Icetype<>no ice
1.8	4/22/2010 3:51 PM	Cynthia Christman	53.9 MB	Edits:
				Added Event numbers to 1995. See v1.3 comments.
1.7	4/21/2010 4:47 PM	Cynthia Christman	53.9 MB	Edits:
				ID 3183,3484,6447,27855,69655,74143 - Entry: chgd flight aborted to deadhead
				274 records in 2008/2007 - Entry: chgd start deadhead to deadhead
				ID 98055,98064 - Entry: chgd end search to p on search
				173 records in 2008/2007 - Entry: chgd start search to search
				ID 98062 - Entry: chgd resume search to p on search
				3645 records - Species: chgd beluga whale to beluga
				1512 records - Habitat: chgd on ice to on ice (near lead or on floe)
				144 records - Habitat: chgd on land to on land (barrier island or beach)
				64 records - Habitat: chgd open ocean seaward of all land to open water
				4156 records - Aerial_Survey: chgd COMIDA1/2/3 and Comida 3 to COMIDA
				ID 5748-5782 deleted records; flt 30 10/19/1990 BWASP was a duplicate of NOSC flt 13
				multiple records - Icetype: chgd broken floe to no ice
				ID 34390 - Icepercent: chgd blank to 0
				ID 34488 - Icepercent: chgd 80 to 0
				ID 42922 - Icepercent: chgd 1 to 0
				ID 42929,43436 - Icepercent: chgd 0 to -1
1.6	4/19/2010 3:39 PM	Cynthia Christman	53.9 MB	Finished adding Event numbers to 1993 and 1994. See v1.3 comments.
1.5	3/24/2010 3:25 PM	Cynthia Christman	53.9 MB	Edits:
				Added Event numbers to the BWASP survey team flights in 1991, 1992, and part of 1993 (see v1.3 comments).
1.4	3/23/2010 3:42 PM	Cynthia Christman	53.9 MB	Edits:
				Continued adding Event numbers (see v1.3 comments). Finished 1989 and 1990. Reviewed 1987-1990 BWASP surveys where Event numbers were added,
1.3	3/22/2010 3:44 PM	Cynthia Christman	53.9 MB	Edits:
				The MMS/BWASP survey team did not record Event numbers from 1987-1997. Started adding Event numbers where they are missing. Added Event number
1.2	3/18/2010 10:40 AM	Cynthia Christman	53.9 MB	used update query to move totalno values to final_group where final_group was NULL (i.e. -1)
				starting in 2009, final_group field will be used for group size information
1.1	2/9/2010 3:32 PM	Cynthia Christman	53.9 MB	lut_FlightType - reset the autonumber ID field;
				no other changes; used mdb to look at values in each field
1.0	2/8/2010 3:46 PM	Cynthia Christman	53.9 MB	FlightInfo - added new fields Aerial_Survey; GMT_Minus8_DateTime; BackupDrive;
				SummaryInfo - added new fields Bowhead_Cow_calf_Pairs; Bowhead_Cow_calf_Pairs_on_transect; CirclingMin; CirclingKilo; TransAndCircMin; TransAndCircKi
				lut tables - added Behavior_1 thru 5; EntTag; Observer; Pilot; ReasonForEntry tables from 2009 database;
				lut_Pilot - chgd Monsour to Mansour;

Page 24

Version History

				lut_FlightType - added circling;
				Appended FlightInfo; SummaryInfo; and FlightData from BWASP_COMIDA_2009_Final.mdb. Did not append autonumber ID and OBJECTID fields.
0.2	2/2/2010 2:45 PM	Cynthia Christman	36.1 MB	Added new fields XofWhale; YofWhale; ObsFourth; PhotoTaken; LatTemp; LongTemp; Final_group; Low_estimate; High_estimate; Transect_id; Calf_on_cir
				chgd ID data type indexed option from "Yes (Duplicates OK)" to "Yes (No Duplicates)"
0.1	2/1/2010 9:43 AM	Cynthia Christman	29.8 MB	File identified as most recent and up-to-date aerial master database. 2009 data will be appended to this file, and historical data editing will be performed or