

## Aerial\_Master\_1979\_2011\_v3\_25\_VH

### 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\_VH

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\_VH

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

## Aerial\_Master\_1979\_2011\_v3\_22\_VH

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.

Aerial\_Master\_1979\_2011\_v3\_21\_VH

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

Aerial\_Master\_1979\_2011\_v3\_21\_VH

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

## Aerial\_Master\_1979\_2011\_v3\_20\_VH

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).

Aerial\_Master\_1979\_2011\_v3\_19\_VH

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



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

Versions saved for Aerial\_Master\_1979\_2011.MDB

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

<a href="#">Delete All Versions</a>   <a href="#">Delete Minor Versions</a>				
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 "Amelia 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 & Fltype fields to distinguish between transect circling (n=769) and search circling (n=463). Revisions were made by MHay on 5/8/2013.  lut_Fltype: 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 available.  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 and SummaryInfo (details below). Added tables for 2012 obs & pilot names.

				<p>MHay chgd Output Ice% from number to text to allow "n/a".</p> <p>Current master mdb too lrg to chg datatypes in design view (MaxLocksPerFile error).</p> <p>To resolve, created a new empty table, copy/pasted 1979-2011 mdb design into new table, modified field properties (General&gt;Required/Allow Zero Length/Added Output fields "Pilot/Co_Pilot"; FlightInfo field "ObsFourth"; SummaryInfo fields "RefuelMin/RefuelSubtFromTotal&amp;DeadMin".</p> <p>Output=323,471 records [240,403 (79-11) + 83,068 (2012)]</p> <p>FlightInfo/SummaryInfo=1068 records each [936 (79-11) + 132 (2012)]</p> <p>Output "Species" chgs:</p> <p>bowhead to bowhead whale (n=6238)</p> <p>orca to killer whale (n=6)</p> <p>humpback to humpback whale (n=1)</p> <p>minke to minke whale (n=2)</p> <p>unknown cetacean to unid cetacean (n=265)</p> <p>unknown pin to unid pinniped (n=3073)</p>
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 to
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	<p>Revised all DIST_FROM_SHORE (DFS) values using new normalized shoreline (NS) projected to NAEC but now with custom parameters that better fit study i</p> <p>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 (f</p> <p>DFS is negative when sightings are landward of NS (n=686).</p> <p>DFS is positive when sightings are seaward of NS (n=26571).</p> <p>DFS is Null for all remaining records.</p>
3.2	1/12/2012 11:06 AM	Cynthia Christman	92.3 MB	<p>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</p> <p>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/Yc</p> <p>All calculations used new normalized shoreline.</p> <p>Negative values indicate that sightings are landward of the normalized shoreline.</p>
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				
3.0	1/7/2013 3:01 PM	Cynthia Christman	92.3 MB	<p>Output, FlightInfo, SummaryInfo tables:</p> <p>1. In design view, changed all text fields "allow zero length" to NO (see http://allenbrowne.com/bug-09.html).</p> <p>2. Appended 2011 data from FlightsConcatenated_BWASPCOMIDA2011_v0_8.mdb.</p>
2.10	12/20/2011 5:15 PM	Cynthia Christman	69.1 MB	FlightInfo - changed "Mike Baffrey" to "Michael Baffrey" where applicable
2.9	12/7/2011 2:31 PM	Cynthia Christman	69 MB	<p>Output - ID39320 beluga sighting totalno chgd from "100" to "250" based on info from JTC/MCF</p> <p>Deleted Queries.</p> <p>FlightInfo - updated initials with full names where known; fixed misspellings.</p>
2.8	6/24/2011 2:09 PM	Cynthia Christman	69 MB	<p>Output -</p> <p>1. Aerial_Survey chgd "NMML_Comma" to "NMML_Cmdr" (n=30500);</p> <p>2. ObsRight chgd "Brenden" to "Brendan" (n=7);</p> <p>3. Observer updated initials with full names where known, fixed misspellings, chgd lowercase to uppercase;</p> <p>4. Design view updated field definitions.</p> <p>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.</p> <p>Edits:</p> <p>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-pole</p> <p>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-pre: total records w/ X/YofWhale values after update = 6460.</p>
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	<p>Recalculated depth values (Depth_m) for all 1979-2009 data using updated bathymetry files.</p> <p>Files used:</p> <p>Aerial_Master_v2_2.mdb</p> <p>BWASP_geographics.mdb</p> <p>CalcDepthAndDistance.bas (pulling positions from ArcLat/ArcLong)</p> <p>IBCAO raster (updated by Mike Hay 12/19/2010; projected in Polar Stereographic with 2.036 km resolution after geo-processing)</p>
2.2	4/5/2011 1:34 PM	Cynthia Christman	69 MB	<p>Edits:</p> <p>ID83060 - airhead; chgd 1014 to -1</p> <p>ID49761 - calfn; chgd 4 to 0 (see Ljungblad et al. 1987)</p> <p>Output design view - inserted field descriptions</p>
2.1	3/31/2011 10:13 AM	Cynthia Christman	69 MB	<p>Added notes to 193 records where totalno=100 prior to 2007; note describes how totalno may be a minimum estimate.</p> <p>ID104072 - del 31 from group; arctic fox, not a pinniped</p>
2.0	1/7/2011 10:36 AM	Cynthia Christman	69 MB	<p>Prepped tables for 2010 data. Flightinfo - renamed as FlightInfo. SummaryInfo - changed Bowhead_Cow_calf_Pairs/on_Transsect to Bowhead_Cow-calf_Pa</p> <p>Appended 2010 FlightInfo, SummaryInfo and Output data from FlightsConcatenated_BWASPCOMIDA2010_v0_11.mdb.</p>
1.37	8/9/2010 4:30 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>Group</p> <p>n=190 records - chgd 2,3,4,5 to 13</p> <p>n=72 records - chgd 6,10,11 where totalno&gt;2 to -1</p> <p>n=33 records - chgd 6,9,10,11 where totalno=2 to 14</p> <p>n=7 records - chgd 7 to 14 (totalno=2)</p> <p>n=12 records - chgd 12 where totalno&gt;2 to 15</p> <p>n=16 records - chgd 12 where totalno=2 to 14</p>
1.36	6/28/2010 4:52 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>n=576 records - Icetype: chgd frazzle to frazil</p> <p>n=9116 records - Skycon,VisImpLeft/Right,Vis_left/right,Icetype,Seastate - chgd to "n/a" &amp; Icepercent chgd to 0 where flttype=1 (deadheads)</p>
1.35	6/25/2010 2:35 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>updated lut_GroupClassification table: added codeFamily column and groupclass values for codes 13-16, 37-39</p> <p>ID54279,2863,75404, - Icepercent: chgd to 0</p> <p>ID2897,2927,58253,58254,58263,58264,10102,9410,9559,14226,16241,16940,16671,19639,30259,30715,70607,72355,75379-75382,79038-79043,79141</p> <p>ID98342,98651,103522,97558-97559,102983,104205,100287,103766,104207,104841,100310,98776 - Group: chgd to -1</p>

1.34	6/24/2010 3:34 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>ID98652,99148,99591,99592,103874,104696,106386,106465,107623,116341 - Air_Head: chgd to value in airhead_gps field; airhead_gps comes directly fr</p> <p>ID104696 - Swimdir_True: chgd from 328 to 329; this value should be calculated from the airhead_gps field not the air_head field</p> <p>n=224 - Swimdir_True: del where it is not assoc. w/ a sighting (most cases occur when data trickled down in 2009)</p> <p>ID146565,146567 - Swimdir_True: del; sightings were on circling</p> <p>ID2261,36109,67353 - Swimdir_True: del; sightings are dead</p> <p>ID2261,25319,35977,36109,36178,36490,36494,38331,38714,67353 - Swimspeed: del; sightings are dead</p> <p>ID39955,39956,43483-43484,47378,49529,49592-49595,50056,50286,50371-50372,50543,22537 - Ictype: chgd to -1</p> <p>ID50058,51555-51556 - Icepercent: chgd to 0</p>
1.33	6/17/2010 9:26 AM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>ID707-Totalno: chgd to 2</p> <p>Behav: del cow/calf:</p> <p>ID32779,32799-(1 calf, accounted for)(Ljungblad 1984)</p> <p>35063-(no report info, totalno=1)(Ljungblad 1983)</p> <p>35234-(only 1 bear)(Ljungblad 1983)</p> <p>43449-(totalno=1, size=adult, no report info)</p> <p>63925-(totalno=1, no report info)</p> <p>32654-(Ljungblad 1984)</p> <p>37327-also added note (only calf seen)(Ljungblad 1983)</p> <p>ID32073-Calfno: chgd to 1 (Ljungblad 1984)</p> <p>ID35110,35122,35724,35742,37567,37569,37583,63918,64655,66524,66525,66526,68885 - Calfno: chgd to -1 (reports suggest calves)</p> <p>ID64026-Calfno: chgd to 1 (pup noted)(Ljungblad 1982)</p> <p>ID56041-Calfno: del 2 (totalno=1, no report info)</p> <p>ID76528-Behav/Calfno: del cow/calf/6 (totalno=1, no report info)</p> <p>ID82512-Notes: calfn&gt;totalno (bowheads/left as is; no report info)</p> <p>ID1006,28929,56311,57680,75761,79394 - Calfno: del (totalno=calfno, size=adult, no report info)</p> <p>n=34 records-Calfno: chgd blanks/0 to -1</p> <p>ID99997,101096,103220-Obs: chgd to Jeff Childs</p> <p>ID103217,103221,103222,103623-Obs: chgd to Gary Friedrichsen</p>
1.32	6/15/2010 3:33 PM	Cynthia Christman	54.5 MB	<p>Edits from 6/14 &amp; 6/15:</p> <p>ID81006 - Habitat/Icepercent: del "on ice (near or on floe)"/chgd 100 to 99</p> <p>ID14603,14864,14880,15878,15888,19563,19970 - Habitat: del "open water"</p> <p>ID82590 - Behavior: del "dead"</p> <p>n=96 records - Behavior: del "run" (for pinnipeds &amp; whales)</p> <p>ID44644,2040 - Behavior: del "swim"</p> <p>ID148084,148087 - Habitat: del "on ice (near lead or on floe)"</p> <p>ID2041,12812,58053,131300 - Icepercent/type: chgd to -1</p>
1.31	6/11/2010 4:12 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>ID35098 - Species: chgd to narwhal (see tech report for 1982, Ljungblad et al. 1983)</p> <p>Deleted aux sighting data where species was blank:</p> <p>ID74613,74120,56671,62767,63293,11443,62049,38370,60146,22886,45185,47633,30493,101188,101516,7159,25444,31431,31528,31706,31761,31772,</p> <p>ID33049 - Sighting/Behavior: chgd to ""</p> <p>ID97124,97297,97348,97636,99096,98342,n=116 records (exclu "kill site no bear" and "track-" sightings), chgd totalno to 1</p> <p>n=25 records - Sighting: chgd 9 to "display" (cross referenced w/ publ. report)</p> <p>ID481 - Sighting: chgd to ""</p> <p>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</p> <p>ID42654 - Behavior/Size: chgd to ""</p> <p>ID707,25173,25742,76681,76895 - Calfno: chgd to 1</p>
1.30	6/11/2010 7:04 AM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>ID98271,98875,101972,102024,103854,106751,96676,97027,97044,98041,98049,98053,98055,98061,98062,98443,98683,98938,98940,96591,96592,976</p> <p>ID99563,99803,101352,101716,102280 - Entry: chgd to deadhead</p> <p>ID98128,98363,100894 - enttag: chgd to 1</p> <p>ID97187,102456,100016,101024 - Family: chgd to 2</p> <p>ID98652 - Family: chgd to 1</p> <p>n=18 records in 2008 - Species: chgd "Polar Bear" to "polar bear"</p>
1.29	6/3/2010 3:44 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>ID111426, 111435-111437 - Flttype: chgd to 4</p> <p>ID115077-115078 - Flttype: chgd to 2</p>
1.28	6/2/2010 3:40 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>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</p> <p>ID32131 - chgd record to reflect data found in following record ID32132; removed dead from behavior and 1 from totalno; ID32132 date/time coincides with</p> <p>ID6447,27855,69655 - FltType: chgd to 1</p> <p>ID102219,103299,104378 - FltType: chgd to 4</p> <p>ID98530-98533,98128 - FltType: chgd to 2</p>
1.27	6/1/2010 3:51 PM	Cynthia Christman	54.5 MB	<p>Edits:</p> <p>Multiple records - Aerial_Survey: chgd to new "agency_platform" convention: years 1986-1991, 2009</p>
1.26	5/28/2010 4:47 PM	Cynthia Christman	54.3 MB	<p>Edits:</p> <p>Multiple records - GMT_Minus8_DateTime: added 8 hours to time on the following flights:</p> <p>8/2/1979, flt 13</p> <p>9/7/1979, flt 30</p>

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 year  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:

				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/Filttype: chgd to s on connect/3 ID76683, 77095, 78008, 78752 - Entry/Filttype: chgd to s on search/4 ID76789, 77486, 78030, 78123 - Entry/Filttype: chgd to s on transect/2 ID77293, 77597, 78325, 78552, 78553, 78659 - Entry/Filttype: chgd to p on search/4 ID77889, 78399 - Entry/Filttype: chgd to p on transect/2
1.14	4/30/2010 3:47 PM	Cynthia Christman	53.9 MB	Edits:  ID57975, 30816 - Entry/Filttype: chgd to p on search/4 ID57989, 72566 - Entry/Filttype: chgd to s on search/4 ID58248, 27704, 30889 - Entry/Filttype: chgd to p on transect/2 ID26423, 26424, 29214 - Entry/Filttype: chgd to s on transect/2 ID29246, 29363 - Entry/Filttype: chgd to end transect/3 ID29728 - Entry/Filttype: 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/Filttype chgd to "p on transect" and 2 ID65969 - Entry/Filttype chgd to "p on search" and 4 ID153200/153201/153202 - inserted record for final deadhead ID4246 - Entry chgd to "start transect" ID11249 - Entry/Filttype 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 c  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;

5/11/2015

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	<a href="#">2/2/2010 2:45 PM</a>	<a href="#">Cynthia Christman</a>	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	<a href="#">2/1/2010 9:43 AM</a>	<a href="#">Cynthia Christman</a>	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