

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

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

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No. ↓	Modified	Modified By	Size	Comments
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 visimpriht "-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 & 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 a  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  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 dat
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 C
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.  Modified Output table from number to text for "alt_gps"

## Version History

May 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)  
 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)

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
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 position  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  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  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

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 <a href="http://allenbrowne.com/bug-09.html">http://allenbrowne.com/bug-09.html</a> ). 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
2.9	12/7/2011 2:31 PM	Cynthia Christman	69 MB	Output - ID39320 beluga sighting totalho chgd from "100" to "250" based on info from JTC/MCF  Deleted Queries.  FlightInfo - updated initials with full names where known; fixed misspellings.
2.8	6/24/2011 2:09 PM	Cynthia Christman	69 MB	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.  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 relevant).  Edits: V2.4 - ID98342 - species: chgd to 'track-polar bear'; was originally 'track-polar bear' w/ totalho=0; accidentally chgd to 'polar bear'; chgd back to 'track-polar bear'.  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-present 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 - calfo; chgd 4 to 0 (see Ijungblad 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 totalho=100 prior to 2007; note describes how totalho 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_Pairs  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 totalho>2 to -1 n=33 records - chgd 6,9,10,11 where totalho=2 to 14 n=7 records - chgd 7 to 14 (totalho=2) n=12 records - chgd 12 where totalho>2 to 15 n=16 records - chgd 12 where totalho=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  ID2897,2927,58253,58254,58263,58264,10102,9410,9559,14226,16241,16940,16671,19639,30259,30715,70607,72355,75379-75382,79038-79043,79044,79045,79046,79047,79048,79049,79050,79051,79052,79053,79054,79055,79056,79057,79058,79059,79060,79061,79062,79063,79064,79065,79066,79067,79068,79069,79070,79071,79072,79073,79074,79075,79076,79077,79078,79079,79080,79081,79082,79083,79084,79085,79086,79087,79088,79089,79090,79091,79092,79093,79094,79095,79096,79097,79098,79099,79100,79101,79102,79103,79104,79105,79106,79107,79108,79109,79110,79111,79112,79113,79114,79115,79116,79117,79118,79119,79120,79121,79122,79123,79124,79125,79126,79127,79128,79129,79130,79131,79132,79133,79134,79135,79136,79137,79138,79139,79140,79141,79142,79143,79144,79145,79146,79147,79148,79149,79150,79151,79152,79153,79154,79155,79156,79157,79158,79159,79160,79161,79162,79163,79164,79165,79166,79167,79168,79169,79170,79171,79172,79173,79174,79175,79176,79177,79178,79179,79180,79181,79182,79183,79184,79185,79186,79187,79188,79189,79190,79191,79192,79193,79194,79195,79196,79197,79198,79199,79200,79201,79202,79203,79204,79205,79206,79207,79208,79209,79210,79211,79212,79213,79214,79215,79216,79217,79218,79219,79220,79221,79222,79223,79224,79225,79226,79227,79228,79229,79230,79231,79232,79233,79234,79235,79236,79237,79238,79239,79240,79241,79242,79243,79244,79245,79246,79247,79248,79249,79250,79251,79252,79253,79254,79255,79256,79257,79258,79259,79260,79261,79262,79263,79264,79265,79266,79267,79268,79269,79270,79271,79272,79273,79274,79275,79276,79277,79278,79279,79280,79281,79282,79283,79284,79285,79286,79287,79288,79289,79290,79291,79292,79293,79294,79295,79296,79297,79298,79299,79300,79301,79302,79303,79304,79305,79306,79307,79308,79309,79310,79311,79312,79313,79314,79315,79316,79317,79318,79319,79320,79321,79322,79323,79324,79325,79326,79327,79328,79329,79330,79331,79332,79333,79334,79335,79336,79337,79338,79339,79340,79341,79342,79343,79344,79345,79346,79347,79348,79349,79350,79351,79352,79353,79354,79355,79356,79357,79358,79359,79360,79361,79362,79363,79364,79365,79366,79367,79368,79369,79370,79371,79372,79373,79374,79375,79376,79377,79378,79379,79380,79381,79382,79383,79384,79385,79386,79387,79388,79389,79390,79391,79392,79393,79394,79395,79396,79397,79398,79399,79400,79401,79402,79403,79404,79405,79406,79407,79408,79409,79410,79411,79412,79413,79414,79415,79416,79417,79418,79419,79420,79421,79422,79423,79424,79425,79426,79427,79428,79429,79430,79431,79432,79433,79434,79435,79436,79437,79438,79439,79440,79441,79442,79443,79444,79445,79446,79447,79448,79449,79450,79451,79452,79453,79454,79455,79456,79457,79458,79459,79460,79461,79462,79463,79464,79465,79466,79467,79468,79469,79470,79471,79472,79473,79474,79475,79476,79477,79478,79479,79480,79481,79482,79483,79484,79485,79486,79487,79488,79489,79490,79491,79492,79493,79494,79495,79496,79497,79498,79499,79500,79501,79502,79503,79504,79505,79506,79507,79508,79509,79510,79511,79512,79513,79514,79515,79516,79517,79518,79519,79520,79521,79522,79523,79524,79525,79526,79527,79528,79529,79530,79531,79532,79533,79534,79535,79536,79537,79538,79539,79540,79541,79542,79543,79544,79545,79546,79547,79548,79549,79550,79551,79552,79553,79554,79555,79556,79557,79558,79559,79560,79561,79562,79563,79564,79565,79566,79567,79568,79569,79570,79571,79572,79573,79574,79575,79576,79577,79578,79579,79580,79581,79582,79583,79584,79585,79586,79587,79588,79589,79590,79591,79592,79593,79594,79595,79596,79597,79598,79599,79600,79601,79602,79603,79604,79605,79606,79607,79608,79609,79610,79611,79612,79613,79614,79615,79616,79617,79618,79619,79620,79621,79622,79623,79624,79625,79626,79627,79628,79629,79630,79631,79632,79633,79634,79635,79636,79637,79638,79639,79640,79641,79642,79643,79644,79645,79646,79647,79648,79649,79650,79651,79652,79653,79654,79655,79656,79657,79658,79659,79660,79661,79662,79663,79664,79665,79666,79667,79668,79669,79670,79671,79672,79673,79674,79675,79676,79677,79678,79679,79680,79681,79682,79683,79684,79685,79686,79687,79688,79689,79690,79691,79692,79693,79694,79695,79696,79697,79698,79699,79700,79701,79702,79703,79704,79705,79706,79707,79708,79709,79710,79711,79712,79713,79714,79715,79716,79717,79718,79719,79720,79721,79722,79723,79724,79725,79726,79727,79728,79729,79730,79731,79732,79733,79734,79735,79736,79737,79738,79739,79740,79741,79742,79743,79744,79745,79746,79747,79748,79749,79750,79751,79752,79753,79754,79755,79756,79757,79758,79759,79760,79761,79762,79763,79764,79765,79766,79767,79768,79769,79770,79771,79772,79773,79774,79775,79776,79777,79778,79779,79780,79781,79782,79783,79784,79785,79786,79787,79788,79789,79790,79791,79792,79793,79794,79795,79796,79797,79798,79799,79800,79801,79802,79803,79804,79805,79806,79807,79808,79809,79810,79811,79812,79813,79814,79815,79816,79817,79818,79819,79820,79821,79822,79823,79824,79825,79826,79827,79828,79829,79830,79831,79832,79833,79834,79835,79836,79837,79838,79839,79840,79841,79842,79843,79844,79845,79846,79847,79848,79849,79850,79851,79852,79853,79854,79855,79856,79857,79858,79859,79860,79861,79862,79863,79864,79865,79866,79867,79868,79869,79870,79871,79872,79873,79874,79875,79876,79877,79878,79879,79880,79881,79882,79883,79884,79885,79886,79887,79888,79889,79890,79891,79892,79893,79894,79895,79896,79897,79898,79899,79900,79901,79902,79903,79904,79905,79906,79907,79908,79909,79910,79911,79912,79913,79914,79915,79916,79917,79918,79919,79920,79921,79922,79923,79924,79925,79926,79927,79928,79929,79930,79931,79932,79933,79934,79935,79936,79937,79938,79939,79940,79941,79942,79943,79944,79945,79946,79947,79948,79949,79950,79951,79952,79953,79954,79955,79956,79957,79958,79959,79960,79961,79962,79963,79964,79965,79966,79967,79968,79969,79970,79971,79972,79973,79974,79975,79976,79977,79978,79979,79980,79981,79982,79983,79984,79985,79986,79987,79988,79989,79990,79991,79992,79993,79994,79995,79996,79997,79998,79999,80000,80001,80002,80003,80004,80005,80006,80007,80008,80009,80010,80011,80012,80013,80014,80015,80016,80017,80018,80019,80020,80021,80022,80023,80024,80025,80026,80027,80028,80029,80030,80031,80032,80033,80034,80035,80036,80037,80038,80039,80040,80041,80042,80043,80044,80045,80046,80047,80048,80049,80050,80051,80052,80053,80054,80055,80056,80057,80058,80059,80060,80061,80062,80063,80064,80065,80066,80067,80068,80069,80070,80071,80072,80073,80074,80075,80076,80077,80078,80079,80080,80081,80082,80083,80084,80085,80086,80087,80088,80089,80090,80091,80092,80093,80094,80095,80096,80097,80098,80099,80100,80101,80102,80103,80104,80105,80106,80107,80108,80109,80110,80111,80112,80113,80114,80115,80116,80117,80118,80119,80120,80121,80122,80123,80124,80125,80126,80127,80128,80129,80130,80131,80132,80133,80134,80135,80136,80137,80138,80139,80140,80141,80142,80143,80144,80145,80146,80147,80148,80149,80150,80151,80152,80153,80154,80155,80156,80157,80158,80159,80160,80161,80162,80163,80164,80165,80166,80167,80168,80169,80170,80171,80172,80173,80174,80175,80176,80177,80178,80179,80180,80181,80182,80183,80184,80185,80186,80187,80188,80189,80190,80191,80192,80193,80194,80195,80196,80197,80198,80199,80200,80201,80202,80203,80204,80205,80206,80207,80208,80209,80210,80211,80212,80213,80214,80215,80216,80217,80218,80219,80220,80221,80222,80223,80224,80225,80226,80227,80228,80229,80230,80231,80232,80233,80234,80235,80236,80237,80238,80239,80240,80241,80242,80243,80244,80245,80246,80247,80248,80249,80250,80251,80252,80253,80254,80255,80256,80257,80258,80259,80260,80261,80262,80263,80264,80265,80266,80267,80268,80269,80270,80271,80272,80273,80274,80275,80276,80277,80278,80279,80280,80281,80282,80283,80284,80285,80286,80287,80288,80289,80290,80291,80292,80293,80294,80295,80296,80297,80298,80299,80300,80301,80302,80303,80304,80305,80306,80307,80308,80309,80310,80311,80312,80313,80314,80315,80316,80317,80318,80319,80320,80321,80322,80323,80324,80325,80326,80327,80328,80329,80330,80331,80332,80333,80334,80335,80336,80337,80338,80339,80340,80341,80342,80343,80344,80345,80346,80347,80348,80349,80350,80351,80352,80353,80354,80355,80356,80357,80358,80359,80360,80361,80362,80363,80364,80365,80366,80367,80368,80369,80370,80371,80372,80373,80374,80375,80376,80377,80378,80379,80380,80381,80382,80383,80384,80385,80386,80387,80388,80389,80390,80391,80392,80393,80394,80395,80396,80397,80398,80399,80400,80401,80402,80403,80404,80405,80406,80407,80408,80409,80410,80411,80412,80413,80414,80415,80416,80417,80418,80419,80420,80421,80422,80423,80424,80425,80426,80427,80428,80429,80430,80431,80432,80433,80434,80435,80436,80437,80438,80439,80440,80441,80442,80443,80444,80445,80446,80447,80448,80449,80450,80451,80452,80453,80454,80455,80456,80457,80458,80459,80460,80461,80462,80463,80464,80465,80466,80467,80468,80469,80470,80471,80472,80473,80474,80475,80476,80477,80478,80479,80480,80481,80482,80483,80484,80485,80486,80487,80488,80489,80490,80491,80492,80493,80494,80495,80496,80497,80498,80499,80500,80501,80502,80503,80504,80505,80506,80507,80508,80509,80510,80511,80512,80513,80514,80515,80516,80517,80518,80519,80520,80521,80522,80523,80524,80525,80526,80527,80528,80529,80530,80531,80532,80533,80534,80535,80536,80537,80538,80539,80540,80541,80542,80543,80544,80545,80546,80547,80548,80549,80550,80551,80552,80553,80554,80555,80556,80557,80558,80559,80560,80561,80562,80563,80564,80565,80566,80567,80568,80569,80570,80571,80572,80573,80574,80575,80576,80

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 from air_head field</p> <p>ID104696 - Swindir_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 - Swindir_True: del where it is not assoc. w/ a sighting (most cases occur when data trickled down in 2009)</p> <p>ID146565,146567 - Swindir_True: del; sightings were on circling</p> <p>ID2261,36109,67353 - Swindir_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: calfno&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 Chikis</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>ID74613,74120,56671,62767,63293,11443,62049,38370,60146,22886,45185,47633,30493,101188,101516,7159,25444,31431,31528,31706,31761,3</p> <p>ID33049 - Sightingcue/Behavior: chgd to ""</p> <p>ID97124,97297,97348,97636,99096,98342,n=116 records (excl "kill site no bear" and "track-" sightings), chgd totalno to 1</p> <p>n=25 records - Sightingcue: chgd 9 to "display" (cross referenced w/ publ. report)</p> <p>ID481 - Sightingcue: 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>ID98271,98875,101972,102024,103854,106751,96676,97027,97044,98041,98049,98053,98055,98061,98062,98443,98683,98938,98940,96591,96595</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</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 w</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 y  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 ap
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, 74445-7 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 7/2

10/20/2007 - Entry/Flytype: chgd to s/e

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/Flytype: chgd to s on connect/3 ID76683, 77095, 78008, 78752 - Entry/Flytype: chgd to s on search/4 ID76789, 77486, 78030, 78123 - Entry/Flytype: chgd to s on transect/2 ID77293, 77597, 78325, 78552, 78553, 78659 - Entry/Flytype: chgd to p on search/4 ID77889, 78399 - Entry/Flytype: chgd to p on transect/2
1.14	4/30/2010 3:47 PM	Cynthia Christman	53.9 MB	Edits:  ID57975, 30816 - Entry/Flytype: chgd to p on search/4 ID57989, 72566 - Entry/Flytype: chgd to s on search/4 ID58248, 27704, 30889 - Entry/Flytype: chgd to p on transect/2 ID26423, 26424, 29214 - Entry/Flytype: chgd to s on transect/2 ID29246, 29363 - Entry/Flytype: chgd to end transect/3 ID29728 - Entry/Flytype: 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/Flytype chgd to "p on transect" and 2 ID65969 - Entry/Flytype chgd to "p on search" and 4 ID153200/153201/153202 - inserted record for final deadhead ID4246 - Entry chgd to "start transect" ID11249 - Entry/Flytype 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  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 numbers
1.2	3/18/2010 10:40 AM	Cynthia Christman	53.9 MB	used update query to move totalho 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	Int_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; TransAndCircKilo  Int tables - added Behavior_1 thru 5; EntTag; Observer; Pilot; ReasonForEntry tables from 2009 database;

				lut_Pilot - chgd Monsour to Mansour;
				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_c 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 i