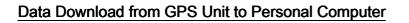
Deepwater Horizon (MC 252) USFWS/ERDC NRDA Bird Database Data Entry Instructions: Transferring Data from GPS Units to the ERDC Database



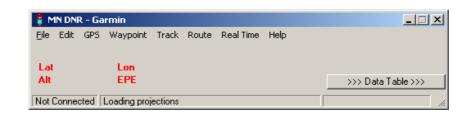
## First Time Setup

You only have to perform the steps below if the "MN DNR Garmin" program has not been installed on your computer.

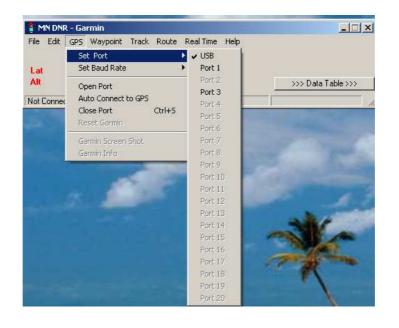
1. To download GPS files to your computer, use the program "MN DNR Garmin 5.4.1". Install this from:

http://www.dnr.state.mn.us/mis/gis/tools/arcview/extensions/DNRGarmin/DNRGarmin.html

- 2. Set the GPS port to USB by doing the following:
  - a. Turn on your Garmin GPS unit and plug in the USB to the unit and to the computer.
  - b. Open DNR Garmin on your computer.

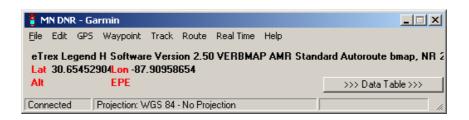


a. Go to GPS > Set Port and select USB.



## Download Your GPS Waypoints (for one segment and date)

- a. Turn on your Garmin GPS unit and connect the USB cable between the unit and your computer.
- b. Open DNR Garmin on your computer.



c. Go to Waypoint > Download

eTrex	Leg		Dow	nload	k Route Real	12	andard Autoroute b	map, NR 2.00	
Alt		Way	point Pro	perties				<<< Data Table <<<	
		e	Waypoir	nt C	Track	C Route	C RTimeWpt		
<b>n</b> []		type		ident	lat	long	y_proj	x_proj	comment
	1	WAY	POINT	001	30.65395338	-87.90950985	3402323.2909534	988025.801171275	22-JUN-10 5:56:26PM
	2	WAY	POINT	002	30.65393141	-87.90956810	3402320.59765145	988020.320440103	22-JUN-10 5:56:37PM
_	3	WAY	POINT	003	30.65392689	-87.90956710	3402320.10015309	988020.439225593	22-JUN-10 5:56:43PM
+	4	WAY	POINT	004	30.65391675	-87.90957154	3402318.9549456	988020.064156288	22-JUN-10 5:56:47PM
~	5	WAY	POINT	005	30.65392236	-87.90957154	3402319.57782708	988020.035865952	22-JUN-10 5:56:53PM
×	6	WAY	POINT	006	30.65393753	-87.90956123	3402321.30711042	988020.949041668	22-JUN-10 5:56:56PM
m l	7	WAY	POINT	007	30.65394374	-87.90956140	3402321.99586908	988020.901406934	22-JUN-10 5:56:58PM
	8	WAY	POINT	008	30.65394826	-87.90955486	3402322.52624045	988021.506399649	22-JUN-10 5:57:00PM
	9	WAY	POINT	009	30.65395061	-87.90956592	3402322.73894272	988020.432879567	22-JUN-10 5:57:02PM
	10	WAY	POINT	010	30.65395237	-87.90956492	3402322.93871633	988020.519995951	22-JUN-10 5:57:03PM
	11	WAY	POINT	011	30.65454715	-87.91012550	3402386.53356218	987963.709842081	23-JUN-10 6:10:28AM
	12	WAY	POINT	012	30.65455008	-87.91010882	3402386.93159615	987965.296200542	23-JUN-10 6:10:34AM
	13	WAY	POINT	013	30.65454799	-87.91010463	3402386.71780821	987965.708942145	23-JUN-10 6:10:36AM
	14	WAY	POINT	014	30.65454690	-87.91010236	3402386.60668077	987965.932338319	23-JUN-10 6:10:38AM
	15	WAY	POINT	015	30.65454413	-87.91010178	3402386.30165467	987966.001980654	23-JUN-10 6:10:41AM
	•								

Once your waypoints have downloaded (as shown above) select the set of data records collected from <u>one segment</u> on one day. The record set should include waypoint records for the beginning and end of transects, live bird assessment, and any dead birds collected. To select the segment record set, first select the record number on the far left hand column corresponding to the first waypoint recorded in the segment of interest. This will select the entire row (the entire row must be selected). Then hold the mouse button down and drag the cursor down to the last record number that corresponds with the last waypoint collected for that segment.

	EPE						<<< Data Table <<<
	Waypo	int C	Track	C Route	C RTimeWpt		
1	type	ident	lat	long	y_proj	x_proj	comment
	1 WAYPOINT	001	30.65395338	-87.90950985	3402323.2909534	988025.801171275	22-JUN-10 5:56:26PM
	2 WAYPOINT	002	30.65393141	-87.90956810	3402320.59765145	988020.320440103	22-JUN-10 5:56:37PM
	3 WAYPOINT	003	30.65392689	-87.90956710	3402320.10015309	988020.439225593	22-JUN-10 5:56:43Pt
	4 WAYPOINT	004	30.65391675	-87.90957154	3402318.9549456	988020.064156288	22-JUN-10 5:56:47PM
.	5 WAYPOINT	005	30.65392236	-87.90957154	3402319.57782708	988020.035865952	22-JUN-10 5:56:53PM
.	6 WAYPOINT	006	30.65393753	-87.90956123	3402321.30711042	988020.949041668	22-JUN-10 5:56:56Pt
1	7 WAYPOINT	007	30.65394374	-87.90956140	3402321.99586908	988020.901406934	22-JUN-10 5:56:58PM
]	8 WAYPOINT	008	30.65394826	-87.90955486	3402322.52624045	988021.506399649	22-JUN-10 5:57:00PM
	9 WAYPOINT	009	30.65395061	-87.90956592	3402322.73894272	988020.432879567	22-JUN-10 5:57:02Pt
	10 WAYPOINT	011	30.65454715	-87.91012550	3402386.53356218	987963.709842081	23-JUN-10 6:10:28AM
	11 WAYPOINT	012	30.65455008	-87.91010882	3402386.93159615	987965.296200542	23-JUN-10 6:10:34AM
	12 WAYPOINT	013	30.65454799	-87.91010463	3402386.71780821	987965.708942145	23-JUN-10 6:10:36AM
	13 WAYPOINT	014	30.65454690	-87.91010236	3402386.60668077	987965.932338319	23-JUN-10 6:10:38AM

d. Once your waypoints have been selected, go to File > Save To > File... (see the file naming convention below) and save the \*.txt file to your computer to be uploaded to the ERDC database.

ile Edit GPS Waypoi	nt Track	Route Real 1	lime Help		
Load From	+ Var	ion 2 50 VER	BMAP AMB Sta	ndard Autoroute b	man N
Save To	▶ File				,
Set Projection	Arc	View 🕨	1	<<< Data Ta	ble <<<
Get Projection	Arc	:Map 🕨			
Get Projection	Lar	ndview 🕨 🕨	) Route	C RTimeWpt	
General Properties	Arc	Explorer 2.0 🕨	ong	y_proj	x_pro 🔺
ArcMap 9.x Properties	God	ogle Earth 🔋 🕨 🕨	-87.90950985	3402323.2909534	98
Refresh Apps	002	30.65393141	-87.90956810	3402320.59765145	
	003	30.65392689	-87.90956710	3402320.10015309	98
Set App Refresh Rate	004	30.65391675	-87.90957154	3402318.9549456	98
Exit	005	30.65392236	-87.90957154	3402319.57782708	98
		30.65393753	-87.90956123	3402321.30711042	98
MAYPOINT	007	30.65394374	-87.90956140	3402321.99586908	98
8 WAYPOINT	008	30.65394826	-87.90955486	3402322.52624045	i 98
9 WAYPOINT	009	30.65395061	-87.90956592	3402322.73894272	98
10 WAYPOINT	010	30.65395237	-87.90956492	3402322.93871633	98
111.4/4YPOINT	011	30 65454715	-87.91012550	3402386 53356218	98 ¥

e. Name your GPS files using the following convention:

GPSstateAcpSegment\_mmddyyyy\_NRDA\_FwsTeamMemberLastName

Example: "GPSAL0401\_05242010\_NRDA\_Matz"

Repeat this procedure for each individual segment surveyed in a day.

f. To facilitate organization of GPS data acquired from segments, establish a couple nested electronic folders via Windows folder creation procedure. Name the first folder "GPS\_Data" and the second and subsequent folders for date in year-month-day format (e.g., 20100706). Each date-marked subfolder should contain all of the text files containing GPS data collected on a segment in a given day.

## Data Transfer from Personal Computer to ERDC Database

1. To access the USFWS/ERDC NRDA Bird Database please connect to:

https://134.164.48.177/msc252i/msc252i.aspx

Individual settings on FWS computers may result in sub-optimum performance using Internet Explorer, so Mozilla Firefox may be needed. Accept unknown certificates and allow flash viewers to operate. Use the "x" in the corner of each pop-up to close windows; the browser back button will cause ejection from the database.

- 2. First-time users will be prompted to download Microsoft Silverlight if not already installed. Answer "yes" to all security download questions.
- 3. First-time users need to register. Hit "Click Here to Register" and enter your information on the resulting screen. You will create your own username.

Go-C×	Rtps://134.164.48.177/MSC2S2UMSC	S2Laspx	😭 + 🚮 doogle
A Most Visited 🌩 Getting Sta	arted 👝 Laterit Headines		
MSC2521	Damain not found	14) (A)	
DeepWater H	lorizon (MC 252)		
NRDA BIRD DAT			TODO
		egister	
		First Name	
Main	Login	Middle Initial:	
		Lest Name:	
		Phone:	
		Email:	
		User Namet	
			OK Cancel

A password will be generated and emailed to you.

5. Login using your user name and password.

· C×	https://134.164.46.177/MSC2520/MSC2521.	spr	👷 🔹 🚮 🕯 Gaogle
ost Visited 🌻 Getting Start	tedLotest Headines		
MSC2521	Domain not found	() (A)	
eepWater Ho IRDA BIRD DATA	orizon (MC 252) ABASE		
Main	Login		
		User Name: rorget (New Name Possword: rorget (New Name Click Here to Regist)	

 Click the Upload GPS tab. A series of selections will appear. Click on either "NRDA" if the survey was done by a NRDA team, or "Ops" if it was done by a Wildlife Response – Operations Team.

	SEZZI	C C X	10 https://13	H. 164.48.177/MSC2521/MSC2521.aspx	🖒 + 🚺 Gaogle	
	PeepWater Horizon (MC 252)  Mar New Data Modily Clata View Data Upload EPp to Upload CPS Note Metalae Capat  Upload Photos  Source:  Date Pictures Were Taken Survey Crew Members:  Date Pictures Were Taken Survey Crew Members:  Memory Crew Memory Crew Members:  Memory Crew Members:  Memory Crew Memory Crew Members:  Memory Crew Members:  Memory Crew Memory Crew Members:  Memory Crew Memory Crew Members:  Memory Crew Memory Crew Memory Crew Members:  Memory Crew Memory C	ost Visited 🌻 Getting St.	arted Lotest Head	ines		
NUMBER CARACASES         Name       New Yorks         Name       New Yorks         Upload Photos         Source:       Image: Crew Members:         Date Pictures Were Taken       Survey Crew Members:         Image: Crew Members:       Image: Crew Members:         Image: Crew Members:       Image: Crew Members:	And ACCARDED AND A	1902521	8	Domain not found		
Upload Photos  Please select the source agency for the photos being uploaded.  NRDA Ops Law Enforcement  K Emili  Antice Server Crew Members:	Upload Photos	RDA RIAD DAT				C
Source: Date Pictures Were Taken Survey Crew Members: Add to Survey Crew Add tens Survey	Source: Date Pictures Were Taken Date Pictures Were Taken Mark to Survey Crew Members: Mark to Survey Crew Members: Mark to Survey Crew Add two Survey Mark to Survey Crew Add two Survey Mark to Survey Crew Add two Survey Mark to Survey Crew Add two Survey					
Source: Date Pictures Were Taken Survey Crew Members:	Source: Date Pictures Were Taken Survey Crew Members: And the Survey Crew Add time Survey Add the Survey Crew, Add time Survey Memore Solected One	opidad P	TIOLOS			
Date Pictures Were Taken Survey Crew Members:	Oate Pictures Were Taken       Survey Crew Members:         Oate Pictures Were Taken       Survey Crew Members:         Att to forware Crew, add two forware       ox	Sourcer			photos being uploaded.	
Date Pictures Were Taken Survey Crew Members:	Date Pictures Were Taken Survey Crew Members:  At to forwar Crew, Add Into Survey Crew, Add Into Survey  Memory Selected Crew	- Hour Les			O NRDA	
Date Pictures Were Taken Survey Crew Members:	Date Pictures Were Taken. Survey Crew Members:				Ops	
Add in Survey, Carry, Add Into Survey, Carry, Survey, Carry, Survey, Carry, Survey, Su	AND IN Survey Cree AND Non Surveyor				C Law Enforcement	
Add to Survey Cree, Add two Surveys	and in forward Craw, ANI Anno Servery Craw, ANI Anno Servery Salachard Craw	Date Pictures	s Were Taken	Survey Crew Members:	or E-mail	
	Manager Selected Craw				OK	
Bannow Edited d Cone				And to Maryer Crew Add Seen Toronym		
	rring data from 134.164.49.177				Ramove Selected Crew	
	mmg dds from 1%.164.49.177,					
	rring data from 134.164.49.177,					
	nning data from 134.164-48.177					
	ming data from 134.164.46.177					

7. Enter the Date of the survey for the GPS coordinates.

8. On the next screen, click on "Survey Crew Members," select yourself, then click on "Add to Survey Crew." If you aren't on the list, click on "Add New Surveyor" and add yourself to the Survey Crew Members list, followed by "Add to Survey Crew."

Edit View Higtory Bookmarks Iools Help	😭 - 🚼 - Google	
st Visited ] Getting Started SL Latest Headlines ] Customize Links ] Free Hotmail ] Windows Marketplace ] Windows Media ] Windows		
st visited 🛛 Getting Started 🚵 Latest Headlines 🗋 Customize Links 🛄 Free Hotmali 🗋 Windows Marketpiace 📋 Windows Media 🗋 Windows (SC2521		
	<u> </u>	
Main New Data Search Data Upload Photos Upload GPS View In Google Earth No	vte Mistake Logout	
Upload GPS		
opidad Gr3		
Source:		
NRDA -		
Date of Survey Survey Crew Members: First Name MI Last Name Phone Nur		
All and a set of the set of th	mber E-mail	
State:		
Add to Survey Crew Add New Surveyer		
Remove Selected Crew		
ACP:		
•		
Beach Segment:		
*		
Please select Garmin Waypoint or Track file only!		
Upload GPS		

- 9. Select the state, ACP, and Segment Name.
- 10. Click "Upload GPS." A browser screen will open and allow you to select the files for upload. Select only files associated with the specified segment name. Remember: Only .txt files will be accepted into the database!

C2521 - Mozilla Firefox Edit View Higtory Bookmarks Tools Heip		
C X 🟠 https://134.164.48.177/MSC252I/MSC252Laspx		😭 - 🔀 - Google
st Visited 📋 Getting Started 🔝 Latest Headlines 🗋 Customize Links 🗋 Free Hotmail 🗋	Windows Marketplace 🗋 Windows Media 📋 Windows	
SC252I *		
Main New Data Search Data Upload Photos	Upload GPS View In Google Earth Note Mistake	Logout
Upload GPS		
Source:	Open	2
	Look in: My Documents	💌 G 🕸 🗈 🖽 -
	First Name MI My Recent Climate change	
6/21/2010 IS Coldiron, Lindsay •	Lindsay	
	Desktop     Desktop     Downloads	
AL   Add to Survey Crew Add New Surveyer  R	Remove Selected Crew	
ACP:	My Documents Gen DOI	
Beach Segment:	Hanford land use	
AL-02-01	My Computer	
	File name:	Open     Cancel
Please select Garmin Waypoint or Track file only! Upload GPS	My Network Files of type: All Files	Cancel
opioud of o		
erring data from 134.164.48.177		

11. Do not delete GPS files from the GPS unit or the hard drive.