CRUISE PLAN

V.2013

QUICK REFERENCE

Cruise Plan is a tool for planning your cruise, logging the metadata for each sampling event and transmitting this data to the program database when the cruise is completed....

1. Enter the metadata for your cruise on the top portion of the first sheet in the workbook [Cruise].
2. Plan your cruise by entering sites where you will conduct sampling events.
3. Plan your activity at each site by listing the sampling or observation tasks for that site in the second sheet of the workbook [Site plan]. The completed cruise plan will generate a standard
4. Press the button to generate a KML file mapping your sites and route. (Note, you can easily update your progress during the cruise by emailing the KML file back to your data manager.)
5. When you are ready to log a sampling event, press the [Create] button for that task to generate a sample worksheet specifically for that type of sampling—e.g. CTD/rosette.
6. When the cruise is completed, submit the workbook to the data manager to easily enter the cruise metadata into the data base.

Abstract:

This is the first sheet of the Cruise Workbook. On this page the Project, Cruise Ship, Cruise Type and Cruise_ID need to be added. These information will appear on each event of the cruise so, is not necessary to add it again. Also, the Abstract and Keywords of the cruise are required.

CRUISE WORKBOOK

Version 1-6

Project: Deep-C   Cruise Ship: R/V Weatherbird 2   Cruise Type: Geochemistry   CRUISE_ID: WB-1218

ABSTRACT

The goals of this cruise were go sample in the DeSoto Canyon and revisit stations sampled in 2011. We sampled sediments particulate organic carbon, dissolved inorganic carbon, plankton and bacteria, and dissolved CO2+CH4

Keywords

sediment, plankton, dissolved gis, metane

Cruise Plan:

This is the main sheet of the Cruise Plan. On the top of this page, you will see the Project, Cruise Ship, Cruise Type and Cruise ID already there. These data is automatically generated from the abstract page. Before you fill this page, be sure you add on the personnel sheet the list of all the people involved in this cruise. So, when you add the Chief Scientist and the Captain with the pull down menu, you will see the names there.

Deep-C CONSORTIUM

CRUISE WORKBOOK

Version 2013

Project: _____   Cruise Ship: _____   Cruise Type: _____   CRUISE_ID: _____

Final Report: ☐   Cruise Plan: ☐

CHIEF SCIENTIST: _____   CAPTAIN: _____

Depart Port: _____   Depart Date: _____   Depart Time: _____   CDT ▼

Return Port: _____   Return Date: _____   Return Time: _____   CDT ▼

Operation Region 1 _____   Operation Region 2 _____

		MM_mm	Transit (H.h)	Est. Arrival (dd-mmm HH:MM)	Actual Arrival	Work (H.h)	Depart (dd-mmm HH:MM)	Straight Distant: ◉ Km ○ nmi	Transit Speed knots (nm/h)
Site # 0	DEEP_C_Site	Lat: _____ Lon: _____						0.00	
Site # 1.3	DEEP_C_Site	Lat: _____ Lon: _____						0.00	

[Add]

Site 0 – Depart Port

Site 0 is always the Departure Port. When a port is selected, then you will see Latitude and Longitude of the site.

- ✓ Est. Arrival: Date of Estimate Arrival (added by user)
- ✓ Actual Arrival: Date of Actual Arrival (added by user)
- ✓ Work: Hours of work on the site (added by user)
- ✓ Depart: Est.Arrival/Actual Arrival + Work (auto)

- ✓ Straight Distant: Distant between current site and next site (auto)
- ✓ Km/Miles: Change the measure of the distant.
- ✓ Transit Seed: Seep of the Ship (added by user)

Add Sites

You can Add more sites clicking on the ADD Button.

Add more sites

Add Sites

This cruise plan is not limited on a specific number of sites. You may add as many sites as needed

Site Plan

When all the sites are added, on the Site Plan sheet appear all the sites with Latitude/Longitude and Arrival (date/time). The Arrival is the "Actual Arrival" on the cruise sheet, but if this information is empty it will show "Est. Arrival".

Site No.	Site Name	Latitude	Longitude	Arrival	Task 1	Hrs	Event No	Create Event	Task 2	Hrs	Event No	Create Event	Task 3	Hrs	Event No	Create Event	Task 4
0	St Petersburg FL	27.762697	-82.635856	22-Sep 08:00													
					Comments:												
1	USBL-Calibration	27.628611	-83.294228	22-Sep 13:20	General Event	2	1	Create	Multicore		2	Create	CTD LOG		3	Create	Survey Event
	Total Time on Site:			2	Comments:												
2	2-USBL cal	27.72416667	-83.41066667	22-Sep 21:00	Survey Event	6	5	Create	General Event	2	6	Create				Create	
	Total Time on Site:			8	Comments:												
3	AC-1	29.474547	-86.958724	23-Sep 22:57	CTD LOG	8	7	Create	Survey Event		8	Create	Multicore		9	Create	Multicore
	Total Time on Site:			8	Comments:												
4	AC-2	29.297676	-86.996878	24-Sep 14:01	CTD LOG		12	Create	Survey Event		13	Create	Multicore		14	Create	Multicore
	Total Time on Site:			0	Comments:												
5	PCB-06	28.994509	-87.457433	25-Sep 09:03	CTD LOG		17	Create	Survey Event		18	Create				Create	
	Total Time on Site:			0	Comments:												
6	Seep A	29.043028	-87.282473	25-Sep 20:50	CTD LOG		19	Create	Survey Event		20	Create	CTD LOG		21	Create	Multicore
	Total Time on Site:			0	Comments:												
7	AC-4	29.00039	-87.507422	26-Sep 14:00	Survey Event		25	Create	CTD LOG		26	Create	Survey Event		27	Create	
	Total Time on Site:			0	Comments:												
8	AC-5	28.94011	-87.582405	26-Sep 22:32	Survey Event		28	Create				Create				Create	
	Total Time on Site:			0	Comments:												
9	XC-4	28.6365	-87.8685	27-Sep 08:53	CTD LOG		29	Create	Survey Event		30	Create				Create	
	Total Time on Site:			0	Comments:												
10	Peanut Mound	28.54972222	-88.08616667	27-Sep 18:09	Survey Event		31	Create				Create				Create	
	Total Time on Site:			0	Comments:												
11	Seep C	28.990098	-88.045535	28-Sep 04:48	CTD LOG		32	Create	Survey Event		33	Create				Create	
	Total Time on Site:			0	Comments:												
12	XC-2	29.120917	-87.86545	28-Sep 14:02	CTD LOG		34	Create	Multicore		35	Create	Multicore		36	Create	Multicore
	Total Time on Site:			0	Comments:												
13	XC-3	28.976167	-87.868333	28-Sep 22:54	Survey Event		39	Create				Create				Create	
	Total Time on Site:			0	Comments:												
14	XC-1	29.248209	-87.731913	29-Sep 10:41	Survey Event		40	Create	Multicore		41	Create	Multicore		42	Create	Multicore
	Total Time on Site:			0	Comments:												
15	Panama City FL	30.175405	-85.78914	30-Sep 08:00				Create				Create				Create	
	Total Time on Site:			0	Comments:												
16	S35	29.335152	-87.04636	01-Oct 16:16				Create				Create				Create	
	Total Time on Site:			0	Comments:												
17	PCB-06	28.994509	-87.457433	02-Oct 05:14				Create				Create				Create	
	Total Time on Site:			0	Comments:												

Create KML

Metadata | Abstract | cruise | **Site_plan** | PERSONNEL | Site_List | Lists | GN1 | MC2 | CT3 | SV4 | SV5 | GN6 | CT7 | SV8 | MC9 | MC10 | MC11 | CT12 | SV13 | MC14 | MC15

Ready
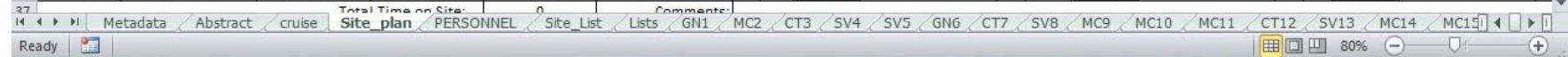
Create Route on Google Earth

At the beginning of the Site Plan sheet you will find a CREATE KML button. This is a macro program which will create a KML file with all the sites (using latitude and longitude) on the Cruise Plan. At the end of this process, Google Earth will open the KML file with the route of the cruise.
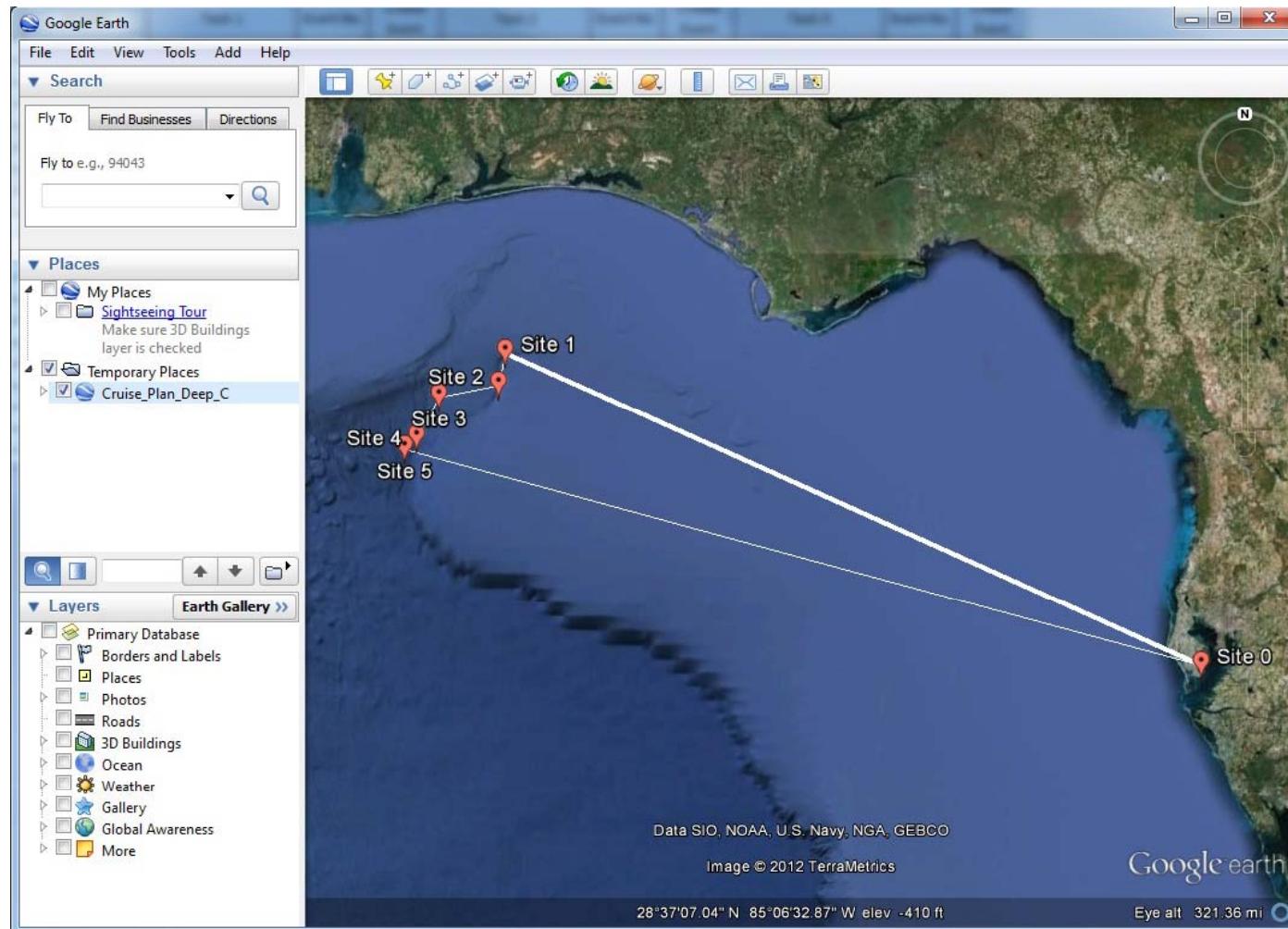
Create Route on Google Earth

The Route of the Cruise could have 2 kind of lines, thick or thin. The thick line is the route you already pass through. The thin line is route you are about to pass on the next days. When you click on a Site, you will find useful information about the name of the site and the Arrival Date. The date used here is Arrival Date, but if you don't have it yet, it will use the Estimated Date.
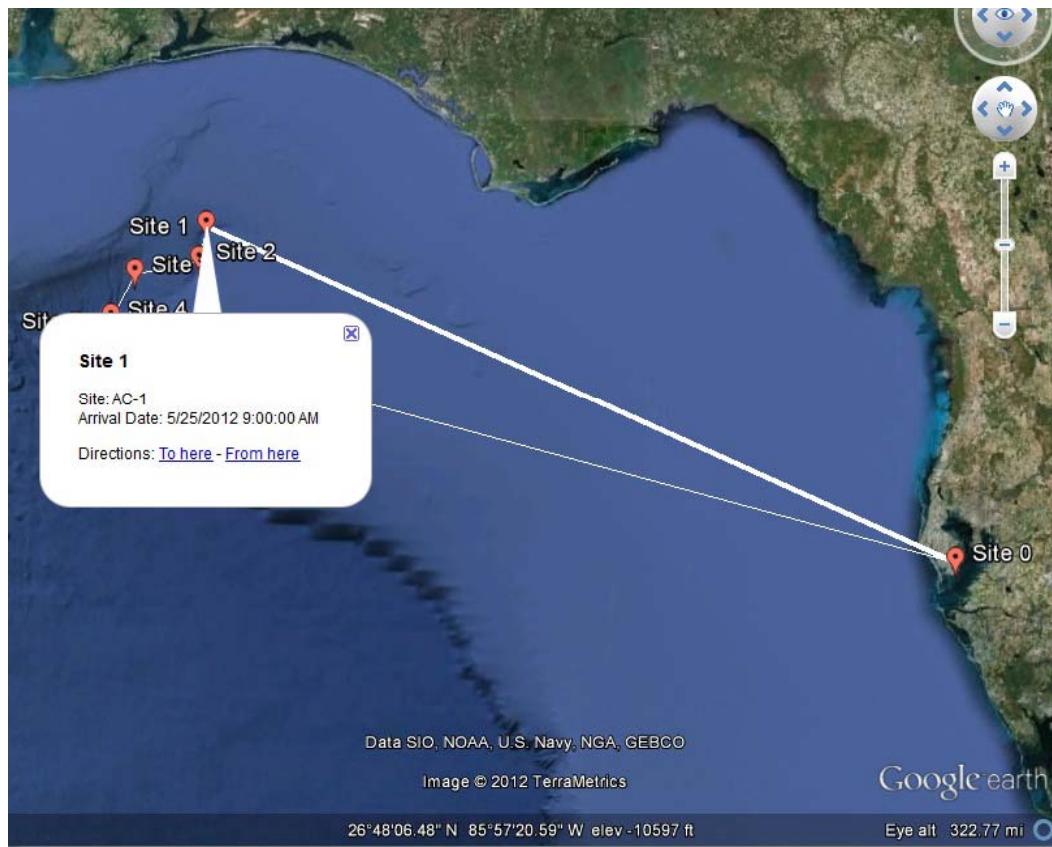
Create an Event

On each Site, you can select from the drop down menu the kind of the Task (Event) is needed. You may select up to 7 Tasks (Events) for each site. Next to the Task you will see a consecutive number who is going to be the Event number. When you finish to assign all the Task for all the Sites, you can press the CREATE button for each Task. (important note: once you create the forms, the event number can't be changed)

If a Event has been already created, this error message will appear. Click OK and proceed to another event.
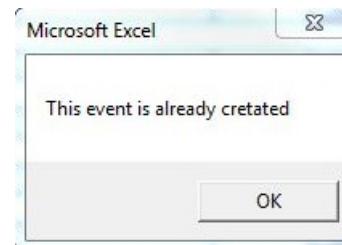
Create an Event

For each event that is created, You will see a new sheet on the Excel workbook. The name of the Event is going to be defined for the type of the Event and the Event number.

Event Type	
Multicore	MC
Fauna Data	FN
Plankton Sample	PK
Sediments Sample	SD
CTD LOG	CT
Longline_trap sampling	FS
Survey Event	SV
General Event	GN
Deployment Log	DP

The basic information of the Cruise, Site, Event ID, etc will appear automatically on each form.
If the information on the CRUISE sheet is changed, automatically all the event basic information will change.

Deep-C
CONSORTIUM

MULTICORE EVENT

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ MC _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Depth: _____ m Latitude: _____ Longitude: _____

	CORE	CORE	CORE	CORE	CORE	CORE	CORE	CORE
#								
Comment								
Sample	☐	☐	☐	☐	☐	☐	☐	☐
Photo	☐	☐	☐	☐	☐	☐	☐	☐
PI 1								
PI 2								

FAUNA SAMPLE COLLECTIONS EVENT

Deep-C CONSORTIUM

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ FN _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Depth: _____ m

Tow start time: _____   Start depth: _____ m
Start Position: Lat. _____   Long. _____
Tow end time: _____   End depth: _____ m
End Position: Lat. _____   Long. _____

Samples	# individuals	Bag/container label	PI

Notes:

Event: PLANKTON SAMPLE COLLECTIONS

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PLANKTON SAMPLE COLLECTIONS EVENT

Project: _____   Cruise Ship: _____   Cruise Type: _____   CRUISE_ID: _____

EVENT No: _____   EVENT ID: _____ PK _____   Site: _____ DEEP_C_Site _____

Date: _____   Time: _____   Depth: _____

Tow start time: _____   Start depth: _____
Start Position: Lat. _____   Long. _____
Tow end time: _____   End depth: _____
End Position: Lat. _____   Long. _____

Sample Label	Mesh size	Seive size	Notes	PI

Additional Notes:	

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SEDIMENTS SAMPLE COLLECTIONS EVENT

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ SD _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Depth: _____

Time deployed: _____ Bottom time: _____
Deck Time: _____ Depth: _____
Position:
   Latitude: _____ Longitude: _____

Core/grab	Core Length	Description	PI

Notes:

Deep-C CONSORTIUM

ROSETTE

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ CT _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Depth: _____

Latitude: _____ Longitude: _____ Data File: _____

Operator: _____

Surface Time _____ Z   Depth: _____   Temp: _____ °C   Salin: _____

Bottom of Cast

Max Depth: _____ m   Altimeter: _____ m   RBD: _____ m

NISKIN#	PLANNED-Z	DEPTH	SAL	TEMP	PI	NISKIN#	PLANNED-Z	DEPTH	SAL	TEMP	PI
8						16					
7						15					
6						14					
5						13					
4						12					
3						11					
2						10					
1						9					

Post Cast:

On Board Time: _____ z   On Board Depth: _____ m

Latitude _____ N   Longitude: _____ W

Comments:

LONGLINE TRAP SAMPLE COLLECTIONS EVENT

Deep-C CONSORTIUM

Projec _____ CRUISE TYPE: _____ CRUISE_ID: _____ EVENT No: _____ EVENT ID: _____ FS

Site: _____ DEEP_C_Site _____ Lat. (st/fi) _____ Lot. (st/fi) _____ TDR# _____ /Min Temp _____

Date: _____ Time in _____ set _____ Depth(m): min _____ max _____

Page: _____

ID	Species	Sex	SL (cm)	FL (cm)	TL (cm)	Wt (kg/g) BW/Liver	Mat y/n	TAG #	Hook/ Trap Size	cond	Samples Collected												Comments: Other tissues, prey, ova, embryos, claspers, etc.
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	
											SI	GN	RP	WM	BD	BI	ST	AG	other	other	SP	Vou	

PI1 _____   PI5 _____
PI2 _____   PI6 _____
PI3 _____   PI7 _____
PI4 _____   PI8 _____

Deep-C CONSORTIUM

SURVEY EVENT

Project: _____   Cruise Ship: _____   Cruise Type: _____   CRUISE_ID: _____

EVENT No: _____   EVENT ID: _____ SV _____   Site: _____ DEEP_C_Site _____

Date: _____   Time: _____

PI : _____   Instruments: _____

Add Line

Tape number: _____

Line	1.1667	Lat: _____			
Start		Lon: _____	Obs: _____	Time: _____
		Depth: _____	Obs: _____	Time: _____
		Lat: _____	Obs: _____	Time: _____
End		Lon: _____	Obs: _____	Time: _____
		Depth: _____	Obs: _____	Time: _____
			Obs: _____	Time: _____

Tape number: _____

Line	2.1111	Lat: _____			
Start		Lon: _____	Obs: _____	Time: _____
		Depth: _____	Obs: _____	Time: _____
		Lat: _____	Obs: _____	Time: _____
End		Lon: _____	Obs: _____	Time: _____
		Depth: _____	Obs: _____	Time: _____
			Obs: _____	Time: _____

GENERAL EVENT

Deep-C CONSORTIUM

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ GN _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Latitude _____ Lonitude _____

Comments:

PI1	_____	PI5	_____
PI2	_____	PI6	_____
PI3	_____	PI7	_____
PI4	_____	PI8	_____

Event: DEPLOYMENT LOG EVENT

Deep-C CONSORTIUM

DEPLOYMENT LOG EVENT

Project: _____ Cruise Ship: _____ Cruise Type: _____ CRUISE_ID: _____

EVENT No: _____ EVENT ID: _____ DP _____ Site: _____ DEEP_C_Site _____

Date: _____ Time: _____ Latitude: _____ Lonitude: _____

Data file: _____ Plot of Profile: _____ Depth: _____

Type of Equipment Deployed: _____

Objective: [   ]

Scheduled recovery: _____

Photographs (optional): _____   Drawings: _____

_____   _____

_____   _____

_____   _____

_____   _____

_____   _____

PI1 _____   PI5 _____
PI2 _____   PI6 _____
PI3 _____   PI7 _____
PI4 _____   PI8

Lists

These are the drop down lists used on the workbook. If you need to add more options on each list, add them at the end of each list on the blank spaces inside of the box.

Task Type
Multicore
Fauna Data
Plankton Sample
Sediments Sample
CTD LOG
Longline_trap sampling
Survey Event
General Event
Deployment Log Event

Ship_Name	Ship_ID
R/V Weatherbird 2	WB
R/V Bellows	BL
R/V Pelican	PC

Cruise_Type	Type
Fish ecology	FS
Benthic ecology	BE
Microbiology	MC
Geomorphology	GM
Physical Ocenography	PO
Geochemistry	CH

Port
St Petersburg FL
Pensacola FL
Panama City FL
Venice LA
Cocodrie LA
Fourchon LA
Gulfport MS
Galveston TX
Corpus Christi TX

Project_Name	Project_ID
Deep-C	DC
CIMAGE	CI
ECOGIG	EC

Sites

In this sheet you will see a list of the sites used on cruises. These are what you see in the pull-down menu on the [Cruise] worksheet. If you need to add more sites, type them at the bottom of the list and use decimal latitude and longitude (west longitude must be a negative number).

	k	DEEP_C_Site	LATITUDE	MM_mm	LONGITUDE	MM_mm2	DEPTH__m	comment	group	Program	comme
2	1	AC-1	29.474547	28.472820	-86.958724	57.523440	500.000000		benthic_array	DEEP-C axis-canyon tra	Along-
3	2	AC-2	29.297676	17.860560	-86.996878	59.812680	833.000000		benthic_array	DEEP-C axis-canyon tra	Along-
4	3	AC-3	29.228200	13.692000	-87.371974	22.318440	1000.000000		benthic_array	DEEP-C axis-canyon tra	Along-
5	4	AC-4	29.000390	0.023400	-87.507422	30.445320	1720.000000		benthic_array	DEEP-C axis-canyon tra	Along-
6	5	AC-5	28.940110	56.406600	-87.582405	34.944300	2000.000000		benthic_array	DEEP-C axis-canyon tra	Along-
7	6	Seep A	29.043028	2.581680	-87.282473	16.948380	1650.000000		benthic_array	DEEP-C seep	(candi
8	7	Seep C	28.990098	59.405880	-88.045535	2.732100	1200.000000		benthic_array	DEEP-C seep	(candi
9	8	Seep D	28.896002	53.760120	-87.636804	38.208240	2000.000000		benthic_array	DEEP-C seep	(candi
10	9	XC-1	29.248209	14.892540	-87.731913	-43.914780	500.000000		USF	DEEP-C cross-canyon transect	
11	10	XC-2	29.120917	7.255000	-87.865450	-51.927000	1143.000000		USF	DEEP-C cross-canyon tra	DSH Lir
12	11	XC-3	28.976167	58.570020	-87.868333	-52.099980	1520.000000		USF	DEEP-C cross-canyon tra	DSH Lir
13	12	XC-4	28.636500	38.190000	-87.868500	-52.110000	2300.000000		USF	DEEP-C cross-canyon tra	DSH Lir
14	13	DS-1	29.205000	12.300000	-87.061667	-3.700000	0.000000		Cherier-Chanton	FIO	
15	14	DS-2	30.167000	10.020000	-86.663000	-39.780000	0.000000		Cherier-Chanton	FIO	
16	15	DS-3	28.825917	49.555000	-88.267833	-16.070000	0.000000		Cherier-Chanton	FIO	
17	16	DS-3.1	28.838167	50.290000	-88.250500	-15.030000	0.000000		Cherier-Chanton	FIO	
18	17	DS-3.10	29.318167	19.090000	-87.733667	-44.020000	0.000000		Cherier-Chanton	FIO	
19	18	DS-3.2	28.862167	51.730000	-88.224167	-13.450000	0.000000		Cherier-Chanton	FIO	
20	19	DS-3.3	28.890467	53.428000	-88.174217	-10.453000	0.000000		Cherier-Chanton	FIO	
21	20	DS-3.4	29.183667	11.020000	-87.747833	-44.870000	0.000000		Cherier-Chanton	FIO	
22	21	DS-3.5	29.227500	13.650000	-87.735833	-44.150000	0.000000		Cherier-Chanton	FIO	
23	22	DS-3.6	29.233500	14.010000	-87.734500	-44.070000	0.000000		Cherier-Chanton	FIO	
24	23	DS-3.7	29.246667	14.800000	-87.731833	-43.910000	0.000000		Cherier-Chanton	FIO	
25	24	DS-3.8	29.267500	16.050000	-87.727500	-43.650000	0.000000		Cherier-Chanton	FIO	
26	25	DS-3.9	29.296333	17.780000	-87.730167	-43.810000	0.000000		Cherier-Chanton	FIO	
27	26	DS-4	29.183217	10.993000	-87.748683	-44.921000	0.000000		Cherier-Chanton	FIO	
28	27	DS-4	29.183217	10.993000	-87.748683	-44.921000	0.000000	** saw orange/brown s	Cherier-Chanton	FIO	
29	28	St Petersburg FL	27.762697	45.76	-82.635856	38.15	0	Port Private USF pier			
30	29	Pensacola FL	30.402372	24.14	-87.212838	12.77	0	Port Public Plaza del Luna			
31	30	Panama City FL	30.175405	10.52	-85.789140	47.35	0	Port Public			
32	31	Venice LA	29.277116	16.63	-89.354897	21.29	0	Port, On channel			
33	32	Cocodrie LA	29.246667	14.80	-90.661389	39.68	0	Port, University dock			
34	33	Fourchon LA	29.105560	6.33	-90.194440	11.67	0	Port, industrial			
35	34	Gulfport MS	30.363026	21.78	-89.088736	5.32	0	Port, industrial			
36	35	Galveston TX	29.306497	18.39	-94.818149	49.09	0	Port, industrial			
37	36	Corpus Christi TX	27.811598	48.70	-97.401695	24.10	1	Port, industrial			
38	37	A1	30.13333333	8	-85.775	-46.5	18	Sand + shell		COASTWATCH	DEEP-C
39	38	A2	30.06666667	4	-85.81666667	-49	21	Sand		COASTWATCH	DEEP-C

If you need to add more sites, type them at the bottom of the list and use decimal latitude and longitude

cruise | Site_plan | PERSONNEL | Site_List | Lists | MC1 | FN2 | PK3 | SD4 | CT5 | FS6 | SV7 | GN8

Ready
100%