How to generate a Cruise Report

Introduction

The Cruise Report Generator is an application that allows users to create automatically a cruise report by choosing the information generated during a cruise. Produced data from the XBT Data Recorder and the Buoy Deployment Logger applications are used to generate a document that can be printed or saved as PDF, which is portable.

The cruise's rider has an active participation in order to create the best Cruise Report.

Motivation:

- 1. Create uniform cruise reports.
- 2. Make rider's job easier.

This application is fully integrated into the AMVERSEAS applications system.

Contact Information

Caridad Ibis Gonzalez

Software Developer UM/RSMAS/CIMAS and NOAA/AOML/PhOD 4301 Rickenbacker Causeway Miami, FL 33149 Phone: (305) 361-4322 Fax: (305) 361-4392 E-mail: <u>caridad.i.gonzalez@noaa.gov</u>

Reporting buoy deployments

In order to report drifter or Argo buoy deployments use the command **Reports > Buoy deployment logger...** from the main menu in Seas Console application.

SEAS Console				
File View Setup	Reports Utilities Help Info			
	Buoy deployment logger			
Tat	Marine mammal report			

Then the dialog box **Buoy Deployment Logger** appears.

🛓 Buoy Deployment Logg	er	-		
<u>F</u> ile <u>V</u> iew <u>H</u> elp <u>I</u> nfo				
Ship Name MV AKRITAS Latitude*	Call Sign* VRCJ7 Longitude*	ID* 116046 Date*	Type* Drifter ▼ Time*	
DD MM.MM N/S 30 20.99 N Manufacturer's Name	DDD MM.MM E/W 045 58.35 ₩ ▼	1/ 9/2014		AOML
Submitted by	Argos Program number			
14				
*Mandatory				
Save Report	Send by email		Exit	
Ready				NUM //

Generating the Cruise Report

To generate a Cruise Report select the **Tools > Generate cruise report** command.



In the Cruise Report Generator dialog box, fill in any necessary information such deployment and launch note, transmission, etc. Then click **Generate Cruise Report**.

Overview of Cruise Report Generator dialog box

le <u>V</u> iew <u>H</u> elp Ship rider		XBT	
Ship rider name	Ibis Gonzalez	Deployed XBTs	111
Ship rider e-mail	caridad.i.gonzalez@noaa.gov	Number of launches	120
Ship rider phone	(305) 361 4322		
Deployment note:	1		
XBT(s)	This number includes 1 probe used durin did not produced a profile. Probe serial a		pin functions. Thi
Drifter(s)	All drifters deployed during this transect	have bin previously started at AO	ML.
Argo(s)	_		
Launch's note	Get Not	e Set Note	
Launch#	Get No	Set Note	
Note			
Transmission	94 		
	The Iridum modem and GPS combo was r system. The hardware seems to be work The Iridum ftp transmission program tha PCO2 data has been fully integrated into	ing fine. t has been used in the past to tra	

No.	Name	Description
1	Ship rider group	Gathers rider's information.
2	XBT	Shows XBT deployment information (read only)
3	Deployment notes – XBT(s)	You can edit a note regarding the XBTs deployments.
4	Deployment notes – Drifter(s)	You can edit a note regarding the drifter deployments.
5	Deployment notes – Argo(s)	You can edit a note regarding the Argo deployments.
6	Launch's note	You can get/set a note regarding a specific launch.
7	Transmission	You can edit a note regarding the transmission.
8	Additional information	Click to add additional information to the report.
9	Generate Cruise Report	Click to generate the Cruise Report.

Printing the Cruise Report

To preview how the generated Cruise Report looks before you print it, go to **File** menu and select **Print Preview**. This will generate a preview of that the Cruise Report will look like when it is printed on paper. If you like what you see move on the following step to print the report. Or you can go back to editing.

₿ C	ruise Report Gener	ator	and prote presses				x
File	View Help						
	Print	Ctrl+P		Г	XBT		
	Print Preview				Deployed XBTs	58	
	Exit				Number of launches	63	-

To print the Cruise Report, follow these steps:

1. Select **File > Print** to print the Cruise Report.

图 C	ruise Report Generator	-		J
File	View Help			
	Print Ctrl+P	XBT		
	Print Preview	Deployed XBTs	58	
	Exit	Number of launches	63	

2. Select a printer from the **Print** window. Note that if you have Adobe installed in your computer you can create a document in PDF format and email it or copy it to a driver for printing at a later time.

Before you start a cruise

Ensure that you have setup properly the Cruise Report selecting **Tools** > **Start new cruise** from the main menu in Seas Console application.

SEAS XBT Data Recorder - Hand launcher			
File View Setup Edit Transmit	Tools Utilities Help Info		
AVML	Status report		
	View auto launcher probe resistance		
	Start new cruise		
ONATE OF COMPANY	Generate cruise report		

Once the **Cruise setup** dialog box appears you are able to fill in the necessary information.



It is very important to clear the Cruise Report before you start a cruise.

This function performs an automatic backup of the data from the previous cruise and it cleans the cruise report as well.

I. It compresses:

1. The content of the folder

 $C:\label{eq:linear} C:\label{eq:linear} C:\l$

C:\Users\Public\Documents\AMVERSEAS_V9\Archive\XbtDataRecorder_BACKUP_Y YYYMMDDHHMMSS.zip.

2. The content of the folder

 $\label{eq:c:Users} C: Users \ AMVERSEAS_V9 \ Report \ XbtDataRecorder \ into \ the \ zip \ archive$

C:\Users\Public\Documents\AMVERSEAS_V9\Report\XbtDataRecorder_BACKUP_Y YYYMMDDHHMMSS.zip.

3. The content of the folder C:\Users\Public\Documents\AMVERSEAS_V9\DroPlan into the zip archive

C:\Users\Public\Documents\AMVERSEAS_V9\DropPlan_BACKUP_YYYYMMDDHH MMSS.zip.

4. The file C:\Users\Public\Documents\AMVERSEAS_V9\DataBases\CruiseReport.db into the zip archive

C:\Users\Public\Documents\AMVERSEAS_V9\DataBases\CruiseReport_BACKUP_YY YYMMDDHHMMSS.zip.