

	SOPFL 1050	Page 1 of 5
MARINE SCOTLAND - SCIENCE		
	Issue No	2.00
LABORATORY MANUAL		
	Issued By	
Export of Temperature Data from the FLEObs		
Database	Date of this Issue:	
		21/12/2017

1. Introduction and scope

This procedure covers the Export of temperature data through Business Objects.

2. Principle of the method

A query is created and run on the Business Objects universe for extracting raw and or corrected data. These produce a report that can be saved or exported to a number of formats for further analysis.

3. Reference materials

N/A

4. Reagents

N/A

5. Equipment

Computer capable of connecting to SCOTS and the OSE and web access to Business Objects software package.

6. Environmental control

N/A

7. Interferences

N/A

8. Sampling and sample preparation

N/A

9. Analytical procedure

9.1 Exporting data via Business Objects.

9.1.1 Business Objects is accessed via SCOT's Intranet. From the Home page go to:





	SOPFL 1050	Page 2 of 5
MARINE SCOTLAND - SCIENCE		
	Issue No	2.00
LABORATORY MANUAL		
	Issued By	
Export of Temperature Data from the FLEObs		
Database	Date of this Issue:	
		21/12/2017

- 9.1.2 In order to access Business Objects an individual requires a unique user name and password (obtained from the MS Information Systems Team Leader)
- 9.1.3 At the right-hand side of the page you will see a column titled 'My Applications'. Click on the symbol.
- 9.1.4 Click 'new'; 'Universe'; and then 'FL Environmental Observations'.

File Edit View Favor	rites Tools Help azon 🗃 BBC News <u>8</u> Google C Marine Scotland 🧱 Met Office 써 Metcheck 🎒 RD Web Access ᇌ Scholar	>>
SAP Business Objects	Welcome: Karen Millidine Applications - Preferences Help Menu - Log Off	
Home Documents Web I	Intelligence 🕫 😕 🗵	
Web Intelligence 👻 📄	😂 📃 🗉 🛱 🛱 🏥 🍯 🖆 🐨 🐨 🔝 👘 🕫 🛛 🖓 🤉 🖓 🔀 🏹 😰 Track 🐨 🐺 Drill 🐨 🌠 Filter Bar 🏥 Outline	? •
N N		

9.1.5 A query Panel tab appears. A query consists of 2 sections. Firstly the information you wish to return (Results Objects) and secondly the parameters you want to use to filter the returned information (Query Filter).





	SOPFL 1050	Page 3 of 5
MARINE SCOTLAND - SCIENCE		
	Issue No	2.00
LABORATORY MANUAL		
	Issued By	
Export of Temperature Data from the FLEObs		
Database	Date of this Issue:	
		21/12/2017

9.1.6 To start a query, drag the required information from the list at the left-hand side of the screen (Universe outline) over to the panel at the right-hand side of the screen (Results Objects). An example is shown below where Site; Year – Detail Date; Detail Date and Original Value have been dragged into the top panel.



9.1.7 In order to filter any of the queries dragged in to the Results Objects further, drag the box from the Results Objects panel in to the Query Filters Panel. This then gives you an option to specify dates of interest and or sites. An example is shown below where site (Littlemill) and Year – Detail date (2011 & 2012) have been filtered.





	SOPFL 1050	Page 4 of 5
MARINE SCOTLAND - SCIENCE		
	Issue No	2.00
LABORATORY MANUAL		
	Issued By	
Export of Temperature Data from the FLEObs		
Database	Date of this Issue:	
		21/12/2017

🎦 Add Query 🔹 🔝 🔄 🤡 🖆	r 🗅	Run Query
Universe outline	🔁 Result Objects	7 X X
aster perspective	Site Name Year - Detail Date Detail Date Original Value]
Download Start Datetime Download End Datetime Field Download Datetime Recording Freq Sampling Freq	Query Filters Site Name In List Girnock Burn_Littlemill AND Year - Detail Date In List 2011;2012 ;	× 3 _x
Values Values P Import Sequence Value ID Detail Date Replacement Record ID Replaced Original Value	Data Preview	

- 9.1.8 When all fields required have been added and filtered click '**Run Query**' at the top righthand side of the Query Panel.
- 9.1.9 The report is then displayed as shown below. If the report needs editing (i.e. another field needs to be added) then click on the 'Data Access' tab and then another tab will be displayed titled 'edit'.

port elements	Formatting	Data Access Analys	is Page Setup	Reading • De
es Cell S	Section C	hart Other Tools	s Position Linking	Table Layout Behaviors
	н ·	• 🗟 • 🕲 • 🔛 Turr	n Into 🔹 🔤 Set as secti	Break • Insert • Header • EFooter •
x 🚅 🗙 🖌	=NameOf([Def	tail Date])		
Site Name	Year - Detail	Report 1	Original Valu	
Site Name Girnock Burn	Year - Detail 2011	Report 1 Detail Date 01/01/2011 00:00:00	Original Valu	
Site Name Girnock Burn Girnock Burn	Year - Detail 2011 2011	Report 1 Detail Date 01/01/2011 00:00:00 01/01/2011 00:15:00	Original Valu 0.08 0.07	
Site Name Girnock Burn Girnock Burn Girnock Burn	Year - Detail 2011 2011 2011	Report 1 Detail Date 01/01/2011 00:00:00 01/01/2011 00:15:00 01/01/2011 00:30:00	Original Valu 0.08 0.07 0.05	
Site Name Girnock Burn Girnock Burn Girnock Burn Girnock Burn	Year - Detail 2011 2011 2011 2011 2011	Report 1 Detail Date 01/01/2011 00:00:00 01/01/2011 00:15:00 01/01/2011 00:30:00 01/01/2011 00:45:00	Original Valu 0.08 0.07 0.06 0.05	
Site Name Girnock Burn Girnock Burn Girnock Burn Girnock Burn Girnock Burn	Year - Detail 2011 2011 2011 2011 2011 2011	Report 1 Detail Date 01/01/2011 00:00:00 01/01/2011 00:15:00 01/01/2011 00:30:00 01/01/2011 00:45:00 01/01/2011 01:00:00	Original Valu 0.08 0.07 0.06 0.05 0.04	

9.1.10 When ready to export the report, click on the '**Reading'** tab on the top right-hand side of the screen.





	SOPFL 1050	Page 5 of 5
MARINE SCOTLAND - SCIENCE		
	Issue No	2.00
LABORATORY MANUAL		
	Issued By	
Export of Temperature Data from the FLEObs		
Database	Date of this Issue:	
		21/12/2017

9.1.11 This will display other options, including **'export document'** as an excel spreadsheet (symbol highlighted by the red arrow).

SAP Business Objects		/		Welcome: Ka	ren Millidine Applications -	Preferences Help Menu 🕶	Log Off
Home Documents New Document 🕫 😐 😣	/						1
Web Intelligence 🔹 🗋 🧀 🍰 🕅 🛔	9 	₽ @	🔹 🔀 Track 🔹 🥃 Drill	🔹 🎀 Filter Bar	Outine		Reading 👻 Design 👻
Navigation Map •			Report 1			/	
	Site Name	Year - Detail	Detail Date	Original Valu			
	Girnock Burn	2011	01/01/2011 00:00:00	0.08			
	Girnock Burn	2011	01/01/2011 00:15:00	0.07			
	Girnock Burn	2011	01/01/2011 00:30:00	0.06			
	Cimock Burn	2011	01/01/2011 00:45:00	0.05			

9.1.12 Save the document to the required location and then 'Log Off' the system.

10 Calculation of results

Not applicable.

11 Precision and bias

These are accounted for and quantified through the internal and external calibration of each logger with the appropriate correction applied when exporting data.

12 Reports

Official reports provided to external clients are stored at:

13 Safety

Not applicable.

14 Literature references

Not applicable.

