

SPECTRO[®]
JET-CARE[®]

web**ECHO**[™]

User Guide for
Marine Customers



spectro-oil.com | jet-care.com

WELCOME TO webECHO™

GETTING STARTED

To access webECHO visit our website and go to the Log In area on the toolbar in the top right hand corner of the home page or use:

<http://webecho.spectro-oil.com>
<http://webecho.jet-care.com>

Use the Welcome Page to log in using your allocated username and password OR if you are a **new user** request a username and password.

MANAGE | REVIEW | ANALYSE

webECHO gives you access to your latest analysis results and data all in one place. This guide outlines the main screens and functionality to enable you to manage, review and analyse your results for all our Laboratory Analysis Services.

NEW FUNCTIONALITY

We are always looking for ways to improve the system and our 'New Features' button helps to keep you up to date with the latest updates, some of which are listed below:

- Additional functions within the statistics and distributions facilities
- Export raw data to produce your own graphs and distributions
- Set regular laboratory analysis sample intervals and view 'next sample date' to identify when equipment sampling is overdue.
- Upload your own notes and documents to individual equipment records
- Use the 'Watch' function to keep track of individual equipment

ANALYSIS SUMMARY

After logging in to the webECHO system the **Analysis Summary** page will appear, providing you with a breakdown of all the analysis that has been carried out that is applicable to your particular log in.

If you prefer to view a different screen on log in you can use the 'My Account' section to change this setting.

ANALYSIS SUMMARY							
EQUIPMENT (17)							
Unread only [Type a search value] RECENT							
ANALYSIS	OIL ANALYSIS	DEBRIS & FILTER ANALYSIS	HYDRAULIC FLUID ANALYSIS	FUEL ANALYSIS	COOLANT ANALYSIS	TRANSFORMER ANALYSIS	GAS PATH ANALYSIS
LAST STATUS BY: Status	UNREAD / ALL	UNREAD / ALL	UNREAD / ALL	UNREAD / ALL	UNREAD / ALL	UNREAD / ALL	UNREAD / ALL
ADVANCED	1 / 1	N/A	N/A	N/A	N/A	N/A	N/A
EARLY	2 / 2	N/A	N/A	N/A	N/A	N/A	N/A
NORMAL	14 / 14	N/A	N/A	N/A	N/A	N/A	N/A
UNDEFINED	0 / 0	N/A	N/A	N/A	N/A	N/A	N/A

By using the tabs at the top of the **Analysis Summary** you can access the **Dashboard** of the chosen analysis type to view results, information and manage data.

QUICK FILTER LINKS

#	Operator	Equipment	Vessel	Serial	System Description	Samples	Last Analysis Date	Last Sampling Date	Next Sample	Ticket Number	Other Analysis?	Status	Create Report
1	SKFL (Region A)	1002	Vessel 1	9305	Main Engine STBD	1	2018-01-02	2017-12-10	2018-01-09	56143			
2	SKFL (Region A)	1005	Vessel 1		Generator No.1	1	2018-01-02	2017-12-08	2020-09-03	56140			
3	SKFL (Region A)	1010	Vessel 1		Bow Thruster Gearbox FWD	1	2018-01-02	2017-12-22		56177			
4	SKFL (Region A)	1012	Vessel 1		Stern Thruster Gearbox FWD	1	2018-01-02	2017-12-22		56178			

Throughout the system data is displayed with an underline. For example, the headings of tables and data within tables. Click these links to access further information.

DASHBOARD



The Dashboard provides an overview of the current status of all equipment for the selected analysis type and included a number of different functions that allow you to view data, records, reports and manage your equipment.

STATUS

A visual summary of the status of all equipment in the selected analysis type e.g. Oil Analysis.

Use the red arrow on the **Equipment Navigator** to open a drop-down list of equipment available for quick access to the latest PDF reports and produce graphs for that piece of equipment.

FIND

Use the **Operator and Equipment** icons to gain access to the full list of all operators and equipment. The drop down sections allow filtering to any available field and by selecting one from the list will display that record in detail. Alternatively use the blue tabs at the top of the dashboard to access lists of records for a specific analysis type.

LINKS

Use quick link icons to :

- Access your **Latest results**
- **Categorise** your equipment by current analysis status
- Produce **Distribution graphs**
- Download historic analysis results using the **Data Export** Button.
- Utilise the **Watch** function to track specific pieces of equipment chosen by you.

SEARCH

Use keywords to **Search** within the current area and view **Recent** saved searches.

OPERATORS

#	Code	Operator	Last Sample	Total Samples	Equipment	1 (6%)	2 (12%)	14 (82%)	0 (0%)
1	SKFL	Region A	2018-01-02	6	6	0 (0%)	1 (17%)	5 (83%)	0 (0%)
2	SKHC	Region A	2018-01-02	1	1	0 (0%)	0 (0%)	1 (100%)	0 (0%)
3	SKAT	Region C	2018-01-02	10	10	1 (10%)	1 (10%)	8 (80%)	0 (0%)

View the list of **operators** for the selected analysis type by choosing the Operator tab or using the Operator icon on the **Dashboard**.

The list indicates the quantity of records applicable to each operator and shows the current status and number of equipment applicable to each operator.

EQUIPMENT

#	Operator	Equipment	Vessel	Serial	System Description	Samples	Last Analysis Date	Last Sampling Date	Next Sample	Ticket Number	Other Analysis?	Status	Create Report
1	SKFL (Region A)	1002	Vessel 1	9305	Main Engine STBD	1	2018-01-02	2017-12-10	2018-01-09	56143		ADVANCED	
2	SKFL (Region A)	1005	Vessel 1		Generator No.1	1	2018-01-02	2017-12-08	2020-09-03	56140		ADVANCED	
3	SKFL (Region A)	1010	Vessel 1		Bow Thruster Gearbox FWD	1	2018-01-02	2017-12-22		56177		EARLY	
4	SKFL (Region A)	1012	Vessel 1		Stern Thruster Gearbox FWD	1	2018-01-02	2017-12-22		56178		ADVANCED	
5	SKFL (Region A)	1013	Vessel 1		Stern Thruster Gearbox AFT	1	2018-01-02	2017-12-22		56179		ADVANCED	

View the list of **equipment** for the selected analysis type by choosing the Equipment tab or using the Equipment icon on the **Dashboard**.

You can also use the Status icons, a feature available throughout webECHO, to filter equipment according to analysis status e.g. Advanced/Early/Normal/Undefined.

INDIVIDUAL EQUIPMENT RECORD

ANALYSIS SUMMARY OIL ANALYSIS DEBRIS & FILTER ANALYSIS HYDRAULIC FLUID ANALYSIS FUEL ANALYSIS COOLANT ANALYSIS TRANSFORMER ANALYSIS GAS PATH ANALYSIS

DASHBOARD OPERATOR EQUIPMENT REPORTING CONTACTS

EQUIPMENT (17) ADD OPERATOR ADD EQUIPMENT ADD REPORTING Unread only [Type a search value] RECENT

ADVANCED 1 (6%) EARLY 2 (12%) NORMAL 14 (82%) UNDEFINED 0 (0%) UNREAD LATEST CATEGORISE DISTRIBUTION

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OIL NORMAL

Operator Code: SKFL Equipment Code: 1012

Equipment: Serial Number:

Vessel: Vessel 1 System Description: Stern Thruster Gearbox FWD

Test Suite: MA02 Oil/Fluid: Castrol Alpha SP 150

Manufacturer: Ulstein Model: 150 TV

Type: Position:

Operator Reference: Sampling Frequency (days):

Last Analysis Date: 2018-01-02 Total Samples: 1

Location: Inactive: ☐ Yes ☒ No

Operator Reporting Mark as Read

Test Suite Samples Data Graph Limits Testing Submit Sample

Submit Change(s) Comment/Feedback Statistics Watch

Reports: English - Comment: PDF ECHO File

My Files: Open Selected Remove Selected Add

*My Notes: Update

*2000 characters - this is for your reference only and is not monitored by Spectro | Jet-Care. If you wish to contact us, use the Comment/Feedback link.

You can use the individual record to **change the information** we hold on a piece of equipment. In particular to submit an engine change amend the engine serial number(s) and enter the installation date in the Comments Box. Once the record has been amended click the **Submit Change(s)** button for the data to be sent to Spectro | Jet-Care for review and confirmation.

Upload your own notes and documents using the **My Files / My Notes** area at the bottom of each individual record to allow your files to remain accessible to your account from any device.

The **Watch List** function is activated in this section to enable you to keep track of the chosen individual piece of equipment. This will appear on your Watch list visible from the Links area of the Dashboard. You can add multiple pieces of equipment to your watch list.

ANALYSIS DATA

ANALYSIS SUMMARY
OIL ANALYSIS
DEBRIS & FILTER ANALYSIS
HYDRAULIC FLUID ANALYSIS
FUEL ANALYSIS
COOLANT ANALYSIS
TRANSFORMER ANALYSIS
GAS PATH ANALYSIS

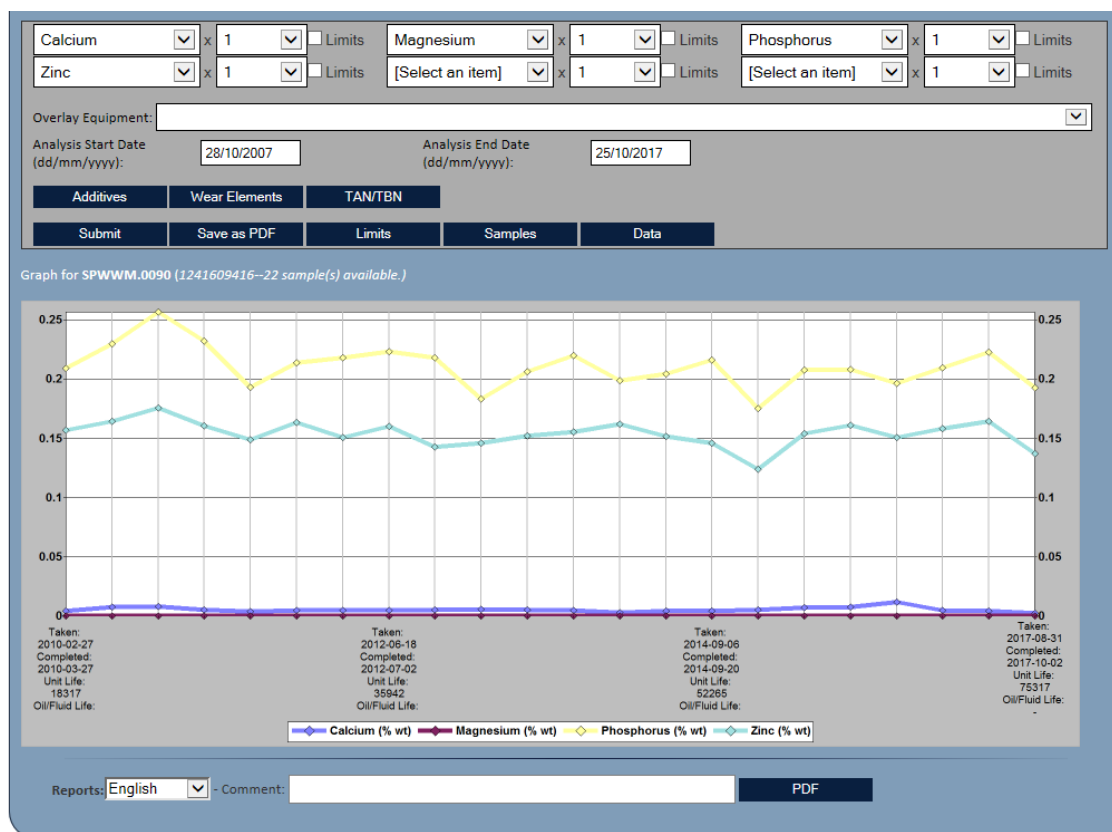
DASHBOARD
OPERATOR
EQUIPMENT
REPORTING CONTACTS

Vessel 1-Stern Thruster Gearbox FWD: Wear Metals
Start Date (dd/mm/yyyy): 18/01/2017
End Date (dd/mm/yyyy): 18/01/2018
Laboratory Reference:
Submit

PDF	
Position	1
Status	Normal
Date Taken	2017-12-22
Receipt Date	2017-12-31
Analysis Date	2018-01-02
Laboratory Reference	ABCD71
Customer Reference	-
Ticket Number	56178
Unit Life	35807
Oil Life	-
Oil Added	-
Sampling Point	service pump
Oil Grade	Castrol Alpha SP 150
Iron (ppm)	12

When viewing an individual piece of equipment click the **Data** button to view the tabular analysis data. You can use the drop-down box at the top of the page to view pre-defined groupings of tests/elements.

GRAPHS



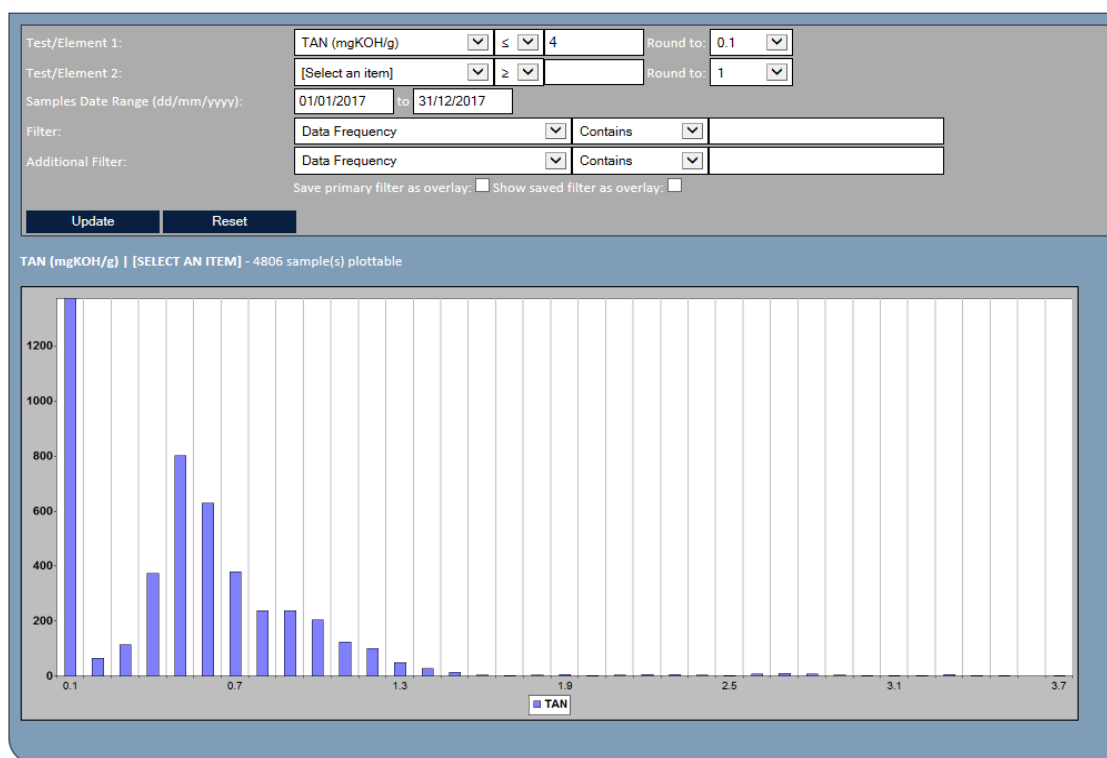
The graph function allows you to plot the trends of analysis for individual equipment for a selection of tests/elements. Select the criteria required and press the **Submit** button to generate the graph.

Quick links for **additives** and **wear elements** are provided and the individual tests or elements can be scaled using each **individual multiplier**.

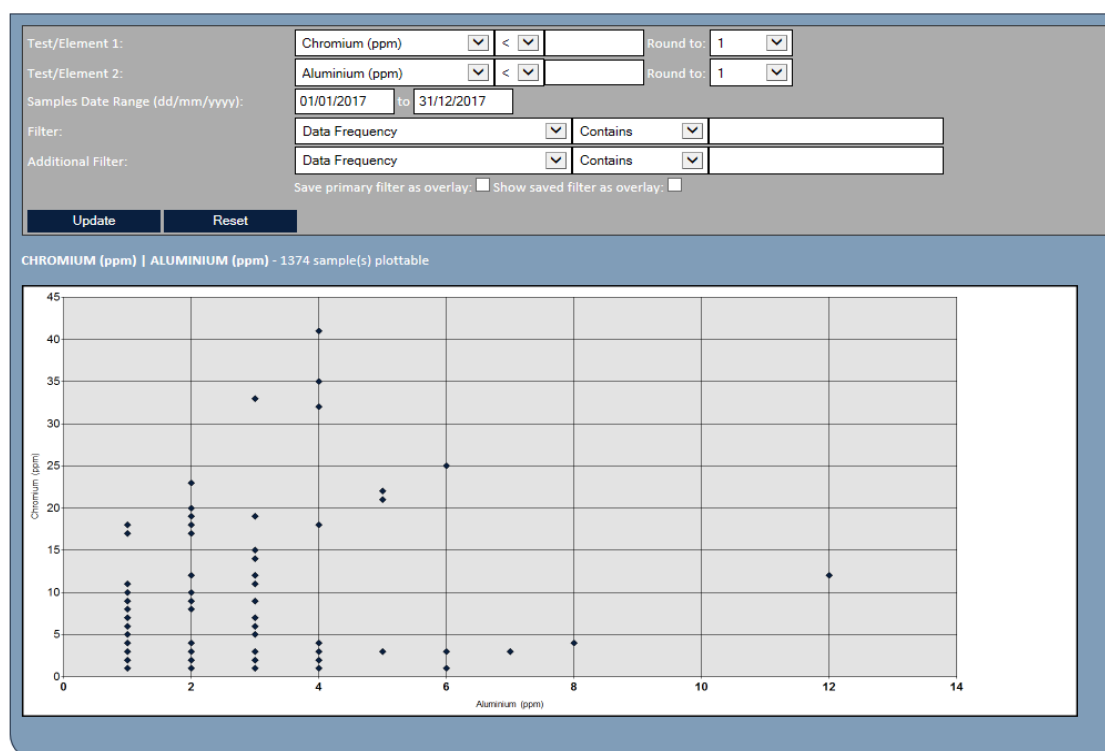


DISTRIBUTIONS

The Distribution icon allows you to create graphical comparisons of your test results. Select tests or elements from the drop down box, choose how the results will be grouped and apply any filters. The graph created will show the number of results along the horizontal axis and the number of samples for each group on the vertical axis.



If you select two tests/elements then their results will be plotted against each other in a scatter graph. One test/element will show results on the horizontal axis and the other on the vertical axis.



REPORTING

#	Contact	Code	Method	Format	Details	Address
1	Engineer	SKFL	Email	PDF	Dark Oils PDF - 2 pages (advanced alerts only)	enquiries@spectro-oil.com
2	Engineer	SKHC	Email	PDF	Dark Oils PDF - 2 pages	enquiries@spectro-oil.com
3	Engineer	SKAT	Email	Excel	Excel for BlackBerry	enquiries@spectro-oil.com

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Contact: Code:
 Method: Format:
 Address: Details:
 Inactive: ☐ Yes ☒ No

Use this section to view and change the details held for each Contact receiving reports. The search toolbar can be used to search for Contacts directly.

Use the **List/Detailed View** icon to change from list view to individual contact view. This function is available throughout webECHO.



FEEDBACK

Contact Name*:
 Contact Telephone*:
 Contact Email*:
 Please send the latest version of the webECHO User Guide for Marine customers. Thank you.
 Comment:
 *mandatory

If you would like to provide feedback or send us a message select the **Feedback** button, complete the necessary information and click **Submit**.

The **Comment/Feedback** button is found at the bottom of the individual Equipment record pages.

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