

SERVICE SUPPORT AND BUSINESS APPLICATIONS SERVICE LINE LOGISTICS APPLICATION SERVICES

MOVEMENT VISIBILITY USING CORSOM IN LOGFAS 6.2.4

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Introduction

CORSOM makes use of the JOCWatch NVG webservice to make JOCWatch incident reports visible in CORSOM.

The first section below describes the procedure to have CORSOM showing JOCWatch incidents.

It is also possible to configure this functionnality in order to consume EVE WEB NVG layers, and this is described in the second section of this manual

WARNING: In this version 6.2.4 of EVE WEB, the distance provided by the NVG services for routes and network has a wrong scale. For instance, if you consume the NVG route service in CORSOM, the scale will be in kilometers. In fact, the real scale is in meters, so would the number by a thousand to have the correct distance in kilometers.

JOCWatch setup in CORSOM

• Start CORSOM and go to "Options -> Services -> NVG Services".

VG Services settings			
WMS Symbology Service	e		
URL			Test
Status Error - empty	arl		
NVG Services			
Name	URL		
Add Rer	love		
Options			
Name		Type Other	Ŧ
URL			
Status			
Read data form file			Filter
Check for updates e	very 60 🚔 seconds Notify (on new entry	
Connect at startup	Natify when conn	ection is lost	Advanced
Control of orditup			
level 5-	-1		K Canad
import Exp	л		Cancel

• Click on "Add" to add a NVG source then select **JOCWatch** in the "Type" drop down list.

/G Servic	es settings
WMS Sy	mbology Service
URL	Test
Status	Error - empty un
NVG Ser	vices
Name	URL
V 🔞	IVG Source
Add Options Name	NVG Source Type JOCWatch
URL	
Status	Error: Invalid URI: The URI is empty.
Read	data form file 📃 Filter
Chec	k for updates every 60 👘 seconds Notify on new entry
	and at attack on The Matthewskies and a second
Conr	Pect at startup V Notify when connection is lost Advanced

• Enter the address of the JOCWatch NVG web service in the "URL" box. The format should be like:

http://<JOCWATCH IP ADDRESS>/<IIS VIRTUAL DIR NAME>/<SERVICE NAME>.asmx

Note: Contact your JOCWatch administrator to get the correct URL.

Important: CORSOM 6.2.4 only accepts NVG 1.4 web service. Be sure to provide this information to the JOCWatch administrator as JOCWatch can also provide the NVG 0.3 web service.

WMS Syn	mbology Service	
URL		Test
Status	Error - empty url	
NVG Serv	vices	
Name		URL
🗸 🕲 N	IVG Source	http://10.132.46.192/Services/JOCWatch/WebServices/NVGServi
Add	Remove	
Add Options Name	NVG Source	Type JOCWatch 👻
Add Options Name URL	NVG Source	Type JOCWatch
Add Options Name URL Status	NVG Source http://doce Error: Server	Type JOCWatch
Add Options Name URL Status Read	Remove NVG Source http:// Error: Server to data form file	Type JOCWatch
Add Options Name URL Status Read Check	Remove NVG Source http:// Error: Server to data form file	Type JOCWatch Type JOCWatch
Add Options Name URL Status Read Check Conne	Remove NVG Source http:// Error: Server data form file	Type JOCWatch Type JOCWatch VServices/JOCWatch/WebServices/NVGService/NvgService_1_4.asmx was unable to process request. Check the (required) Filter values. Filter 60 seconds Notify when connection is lost Advanced

Important: Make sure that the URL ends with the **.asmx** appendix. If necessary, remove all that is behind this point in the URL.

• CORSOM is now connected but is no able to retrieve data as some mandatory filters have not yet been configured. Click on "*Filter*"

NVG Services	settings		
WMS Symb	bology Service		
URL			Test
Status E	Error - empty url		
NVG Servic	ces		
Name		URL	
🗸 🕲 NV	G Source	http://10.132.46.192/Services/JOCWatch/WebServices/NVGServi	
Options Name	NVG Source	Type JOCWatch	-
URL	http://	/Services/JOCWatch/WebServices/NVGService/NvgService_1	_4.asmx
Status	Error: Server v	vas unable to process request. Check the (required) Filter values.	
Read d	lata form file 📃		Filter
Check	for updates every	60 seconds Notify on new entry	
Connec	t at startup 🔽	Notify when connection is lost	Advanced
Import	Export		OK Cancel

• The "NVG Filter Options" window opens. Scroll down the list to see the required ones.

NVG	Filter options	- • •	٢.		
	2↓ 📼				
	CIVCAS				
	COP				
	Custom Symbol				
	FFIR/HNIR/PPIR				
	Incident Category		1		
	Location				
	Not Incident Category				
	Originating Source	=			
4	Required	1			
	Incident Status				
	Time span begin				
	Time span end	-			
Bounding box maximum latitude Maximum latitude of bounding box (in decimal degrees) (number)					
	Import	OK Cancel]		

• Select the type of "*Incident Status*" from the drop down list, and fill in the interval of time (in hours) that will delimit the search. Click "*OK*" to validate.

NVG	Filter options	t.		×
	CIVCAS			
	COP			
	Custom Symbol			
	FFIR/HNIR/PPIR			
	Incident Category			
	Location			
	Not Incident Category	/		
	Originating Source			Ξ
4	Required			
	Incident Status	All		
	Time span begin	1000000		
	Time span end	12		-
Tir En the	ne span end d of the period that is u e current time. For exam	sed to filter by t ple, to retrieve	ime, relative i incidents bet	to

Filter options – Incident Status

JOCWatch incidents must be queried by their status. They can be **All**, **Open** or **Closed**. Be aware that a change will only become effective on the next first invocation on the web service based on the poll interval (see *Check for updates every* paragraph).

Filter options – Time span begin and Time span end

The JOCWatchNVG web service will query for incidents younger than the given number of hours. Be aware that a change will only become effective on the next first invocation on the web service based on the poll interval (see *Check for updates every* paragraph).

Example:

In the picture above, the web service will retrieve **All** incidents that occurred between **12** hours and **1000000** hours in the past.

• Wait for the link to refresh automatically. It's done ("*Status*" field displays **Connected**). Click "*OK*" to save the settings and go back to the main window.

NVG Services	settings		
WMS Symb	bology Service		
URL			Test
Status E	Error - empty url		
NVG Servic	ces		
Name		URL	
V 🍪 NV	G Source	http://10.132.46.192/Services/JOCWatch/WebServices/NVGServi	
Options Name URL	NVG Source http://	Type JOCWatch	
Status	Connected		
Read d	lata form file 📃		Fiter
Check	for updates every	60 🚖 seconds Notify on new entry	
Connec	t at startup 🔽	Notify when connection is lost	dvanced
Import	Export	ОК	Cancel

• Open the "*Map Objects*" tab. The created **NVG Source** appears under the "*NVG Objects*" node with all the gathered events.



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EVE WEB NVG Services setup in CORSOM

• Start CORSOM and go to "Options -> Services -> NVG Services".

NVG Servic	es settings
WMS Sy	mbology Service
URL	Test
Status	Error - empty url
NVG Ser	vices
Name	URL
Add	Remove
Options	Type Other -
URL	
Status	
Read	data form file 🗌 Filter
Chec	k for updates every 60 📩 seconds Notify on new entry
Conn	ect at startup 🧹 Notify when connection is lost 🗌 Advanced
Import	Export OK Cancel

• Click on "Add" to add a NVG source then select **Other** in the "Type" drop down list.

NVG Services s	ettings					
Symbology S	Symbology Service URL (please try in the form of http://server_ip:port/SymbologyImpl/session)					
URL 이					Test	
Status						
NVG Service	es					
Name	ι	JRL				
🔣 😨 🔞 NVG	i Source					
Add	Hemove					
Options					1	
Name	NVG Source		Type Other	•		
URL						
Status	Error: Invalid URI:	The URI is empty.				
Read da	ita form file 🔲				Filter	
Check fo	or updates every 60) 🚖 seconds	Notify on nev	v entry 📃		
Connect	at startup 📝	Notif	y when connectior	n is lost 📃	Advanced	

Enter the address of the EVE WEB NVG web service in the "URL" box. The format should be like:

http://<EVE WEB IP ADDRESS>/eve/nvg/<SERVICE NAME>.asmx

- <EVE_WEB_IP_ADDRESS>: replace this by the IP address of the server where EVE WEB is installed.

- <SERVICE_NAME>: the service name must be one of the following web services, depending of your requirements:

- NvgService.asmx
- AlertService.asmx
- ForceService.asmx
- GeolocService.asmx
- MissionService.asmx
- NetworkService.asmx
- RouteService.asmx

The web service "NvgService.asmx" has parameters in order to display alerts, forces, geolocations, missions, networks and routes, just like the other specialized web services.

NVG Services	settings				- • •
Symbology URL 💽	Service URL (plea	ise try in the form of http://	/server_ip:port/S	iymbologyImpl/sess	sion) Test
NVG Servic	es				
Name		URL			
📝 🍪 NV(G Source	http://	VE/nvg/NvgSe	rvice.asmx	
Add Options Name URL	NVG Source	/EVE/nvg/NvgSer	Type Ot vice.asmx	her 🔻]
Status Read da Check f Connec	Connected ata form file 🕅 or updates every t at startup 📝	60 🚖 seconds Ne	s Notify o	n new entry 🔲 ection is lost 📃	Filter
Import	Export]		OK	Cancel

• A URL for a symbology server is now required to be able to retrieve NVG layers.

Enter the address of the symbology server which provides web service in the "URL" box. The format should be like:

http://<SYMBOLOGY_IP_ADDRESS>:<PORT>/SymbologyImpl/session

JRL [http://			
Status	Connected			
VVG Servi	ces			
Name		URL		
🔽 🍪 N\	/G Source	http://		
Add	Remove	3		
Add Options Name	Remove NVG Source	e Type Other V		
Add Options Name URL	NVG Source http://	e Type Other ▼ /EVE/nvg/NvgService.asmx		
Add Options Name URL Status	NVG Source http://	e Type Other ▼ /EVE/nvg/NvgService.asmx		
Add Options Name URL Status Read o	NVG Source http:// Connected	e Type Other ▼ /EVE/nvg/NvgService.asmx Filter		
Add Options Name URL Status Read o Check	NVG Source http:// Connected data form file	Type Other		

• CORSOM is now connected but is no able to retrieve data as some mandatory filters have not yet been configured. Click on "*Filter*"

NVG Service	es settings		_ • •		
Symbolog	gy Service URL (plea	se try in the form of http://server_ip:port/SymbologyImpl/se	ession)		
URL	http://	http://			
Status	Connected				
NVG Ser	vices				
Name		URL			
🔽 🍪 N	IVG Source	http://			
	Bomouro				
- Uptions	NVG Source	Tupe Other	-		
INGILE	Inva Source				
URL	http://	/EVE/hvg/hvg5ervice.asmx			
Status	Connected				
Read	l data form file 📃		Filter		
Chec	k for updates every	60 🚖 seconds Notify on new entry 📃			
Conn	ect at startup 🔽	Notify when connection is lost 📃	Advanced		
	Export	ОК	Cancel		

• The "*NVG Filter Options*" window opens. Scroll down the list to see the required ones. You have to select the Object Type, which will determine the type of the layers returned by EVE WEB.

NVG Filter options	
▲ Misc	
Alert types	
Arrival Time Frame in hours	24
BBox East Longitude	180
BBox North Latitude	90
BBox South Latitude	-90
BBox West Longitude	-180
DDPs	
Edge Trafficability	
Force Profiles	
Force Service	
Location Types	
Logistic event types	
Mission Actual Arrival Info	
Mission Position Types	
Mission Status	
Mode of Transportation	
Nations	
Networks	
Route Types	
Track Time Frame in hours	1
▲ Required	
Object Type	Missions 🔹
Object Type You can choose tracks and geo location object	Missions Geo Locations Forces Networks Routes Edges
Import	OK Cancel

The "*NVG Filter Options*" are quite different if you choose the specific NVG Service, and the options displayed are the only ones required for having the data you need.

- Alerts:

VVG Filter options	
4 Misc	
Alert types	
BBox East Longitude	180
BBox North Latitude	90
BBox South Latitude	-90
BBox West Longitude	-180
Logistic event types	•
Logistic event types You can filter output by logistic event Note: To Reset a filter value, right mode	CONVOY ATTACK - EFFECTIVE CONVOY ATTACK - INEFFECTIVE IED-F IED-S ROAD CLOSURE ROAD DAMAGE ROAD TRAFFIC ACCIDENT (RTA) OTHER CIECK THE THOPENY TRAILE ON A SELECT TESEC.
Import	OK Cancel

- Forces:

	∬ੈ2↓	
	BBox East Longitude	180
	BBox North Latitude	90
	BBox South Latitude	-90
	BBox West Longitude	-180
	Force Profiles	•
	Force Service	
	Nations	
1		
Fa Yo	r ce Profiles u can choose the Force Profile	you would like to see.

- GeoLocs:

NVG Filter options	
2 ↓	
⊿ Misc	
BBox East Longitude	180
BBox North Latitude	90
BBox South Latitude	-90
BBox West Longitude	-180
DDPs	
Location Types	
Nations	
BBox East Longitude East longitude of the bounding box. De (number) Note: To Reset a filter value, right mouse Import	faults to 180.0. e click the Property Name and select Reset. OK Cancel

- Missions:

⊿	Misc	
	Arrival Lime Frame in hours	24
	BBox East Longitude	180
	BBox North Latitude	30
	BBox South Latitude	-90
	BBox West Longitude	-180
	DDPs	
	Mission Actual Arrival Info	
	Mission Position Types	
	Mission Status	
	Mode of Transportation	
	Track Time Frame in hours	1
Ar Th	rival Time Frame in hours le last X hours to retrieve arrived m umber)	nissions for. Defaults to 24.0.

- Networks:

NVG Filter options
⊿ Misc
Edge Trafficability
Networks
Edge Trafficability
You can choose the (edge) trafficability.
Note: To Reset a filter value, right mouse click the Property Name and select Reset.
Import OK Cancel

- Routes:

NVG Filter opti	ons			- • •
₽ ↓ □				
Misc Networks				
Route Ty	pes			
Networks You can choo	ise the networks yo	u would like to se	e.	
Note: To Rese	t a filter value, right	mouse click the	Property Name a	nd select Reset.

Additional settings

Check for updates every

The "*Check for updates* every" field holds the time interval (in seconds) after which CORSOM will check whether NVG Service incidents are updated. Default is 60 seconds.

Connect at startup

The "*Connect at Startup*" checkbox indicates whether CORSOM has to connect to the NVG Service web service on startup. Ticked by default.

Notify on new entry

The "Notify on new entry" checkbox indicates whether the user will see a message box when a **new** incident is reported in EVE WEB. Switched off by default.