

NATO UNCLASSIFIED



SERVICE SUPPORT AND BUSINESS APPLICATIONS SERVICE LINE
LOGISTICS APPLICATION SERVICES

**MOVEMENT VISIBILITY USING CORSOM
IN LOGFAS 6.2.4**

NATO UNCLASSIFIED

Table of contents

| | |
|--|----|
| Introduction | 3 |
| JOCWatch setup in CORSOM | 3 |
| Filter options – Incident Status | 7 |
| Filter options – Time span begin and Time span end | 7 |
| EVE WEB NVG Services setup in CORSOM | 9 |
| Additional settings | 17 |
| Check for updates every | 17 |
| Connect at startup | 17 |
| Notify on new entry | 17 |

| Document change log | | | |
|---------------------|--|-------------|------------------|
| Version | Comments | Date | Author |
| 1.3 | Creation and revisions | 23-MAR-2010 | Peter van SOEST |
| 1.3.1 | Minor changes | 04-JUL-2010 | Roberto CARBONE |
| 1.3.2 | Updated to CORSOM 6.2.0 with NVG 1.4. Logo and page setup updated | 30-JUL-2014 | Alexandre DAUFFY |
| 1.4 | Updated to CORSOM 6.2.4 | 21-SEP-2016 | Simon MAUNOURY |

Introduction

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

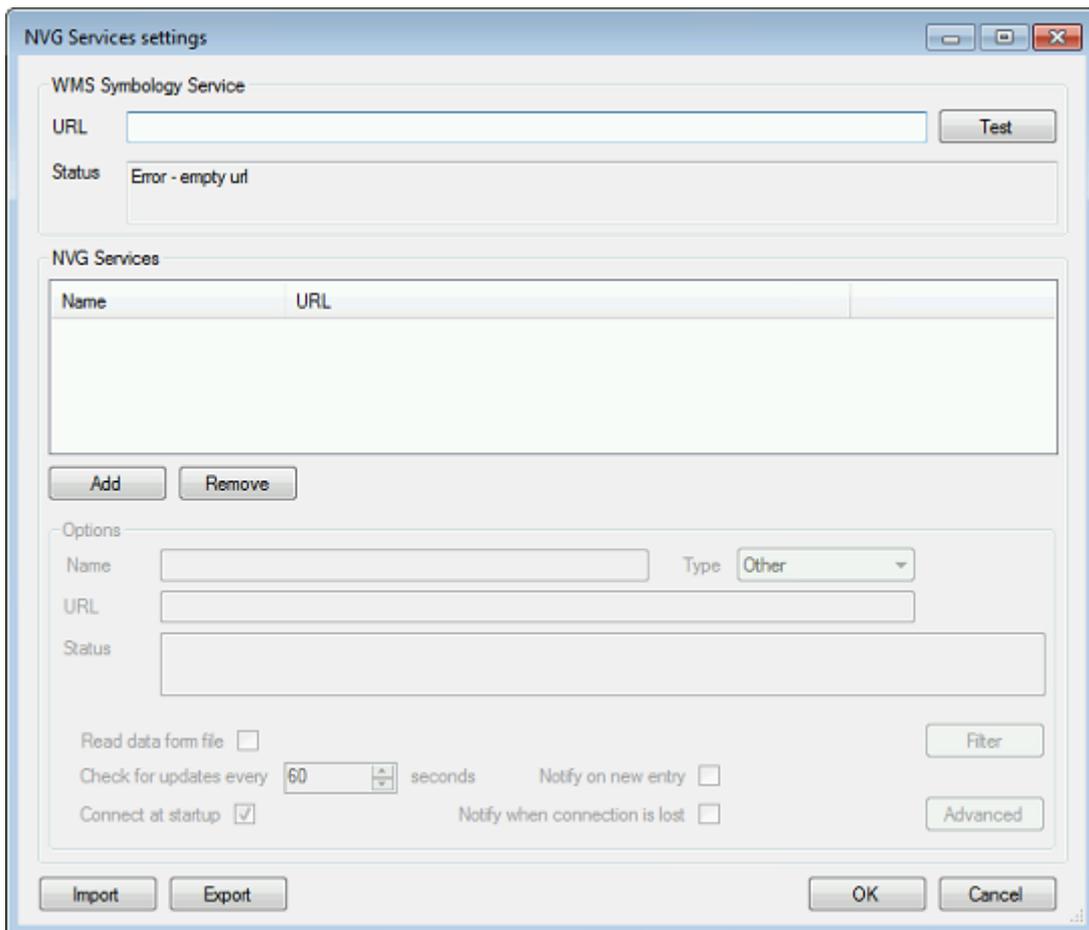
The first section below describes the procedure to have CORSOM showing JOCWatch incidents.

It is also possible to configure this functionality 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.

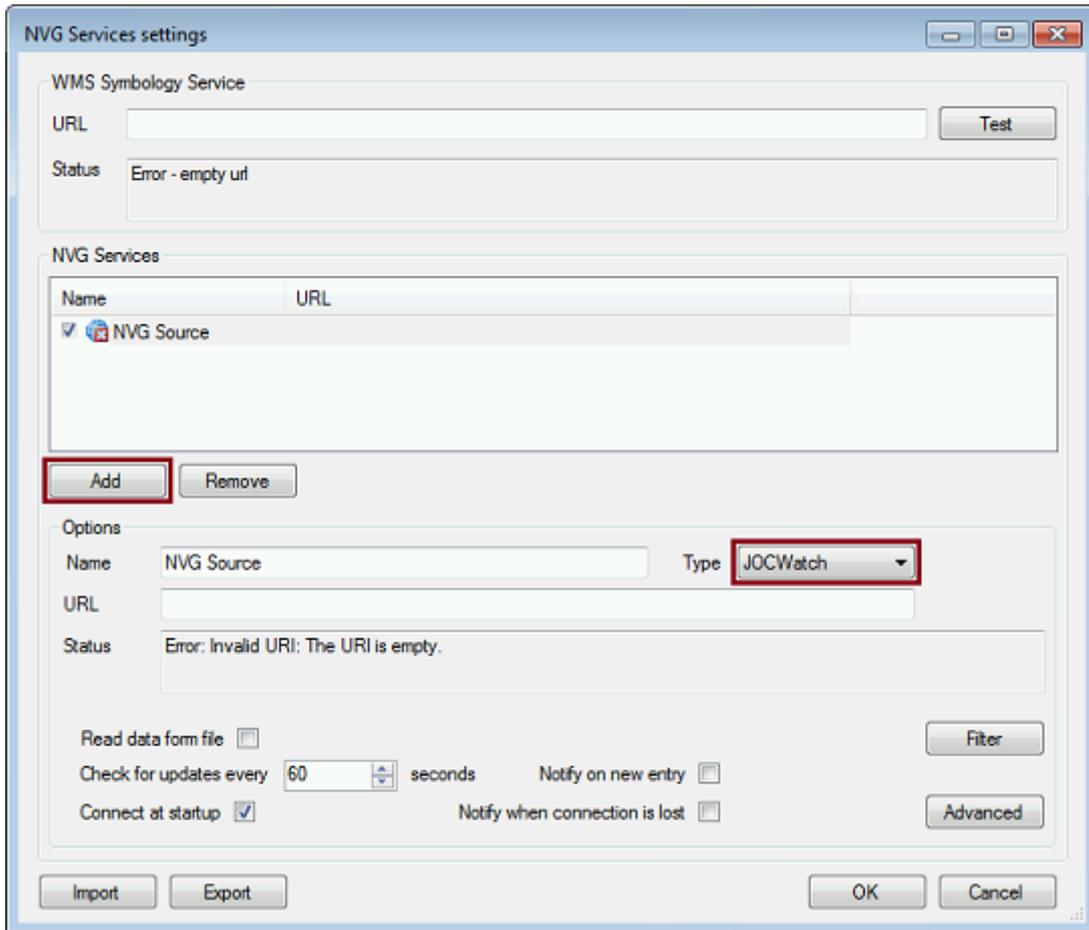
JOCWatch setup in CORSOM

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



NATO UNCLASSIFIED

- Click on “Add” to add a NVG source then select **JOCWatch** in the “Type” drop down list.



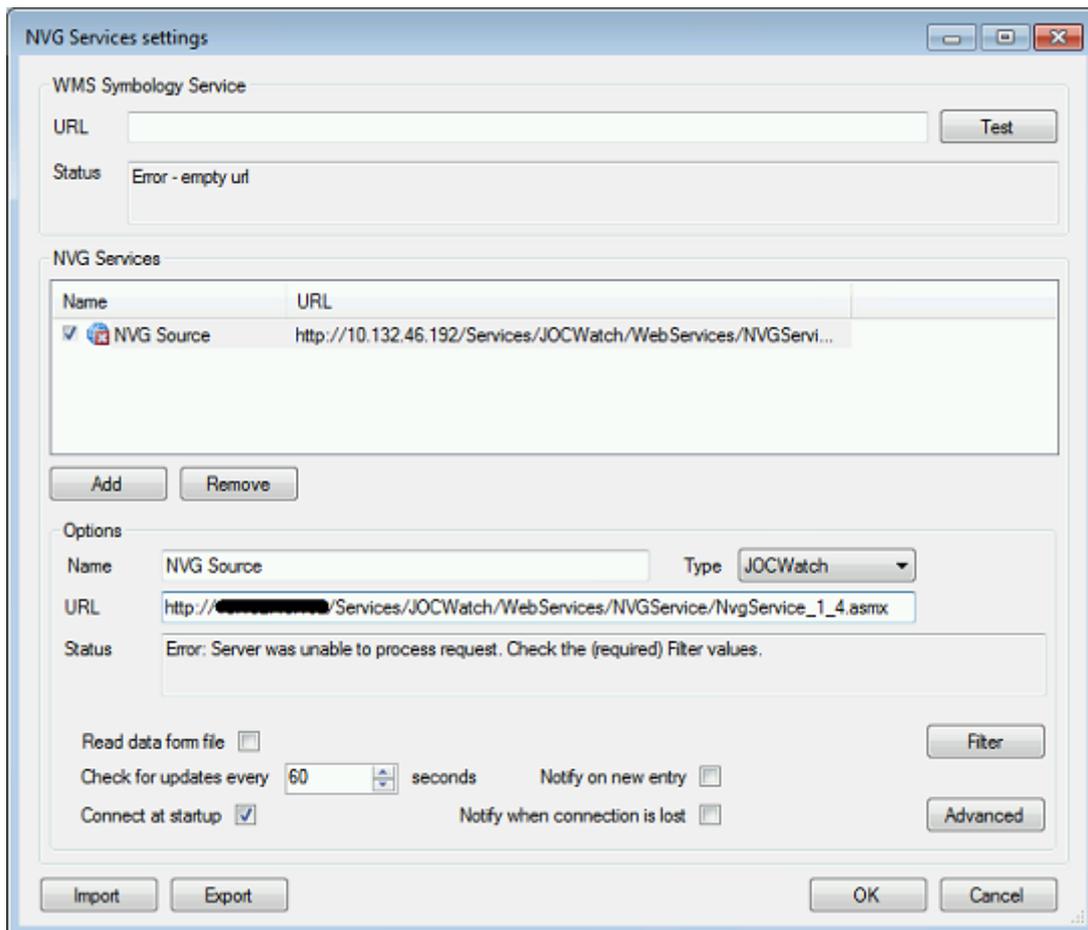
NATO UNCLASSIFIED

- 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.

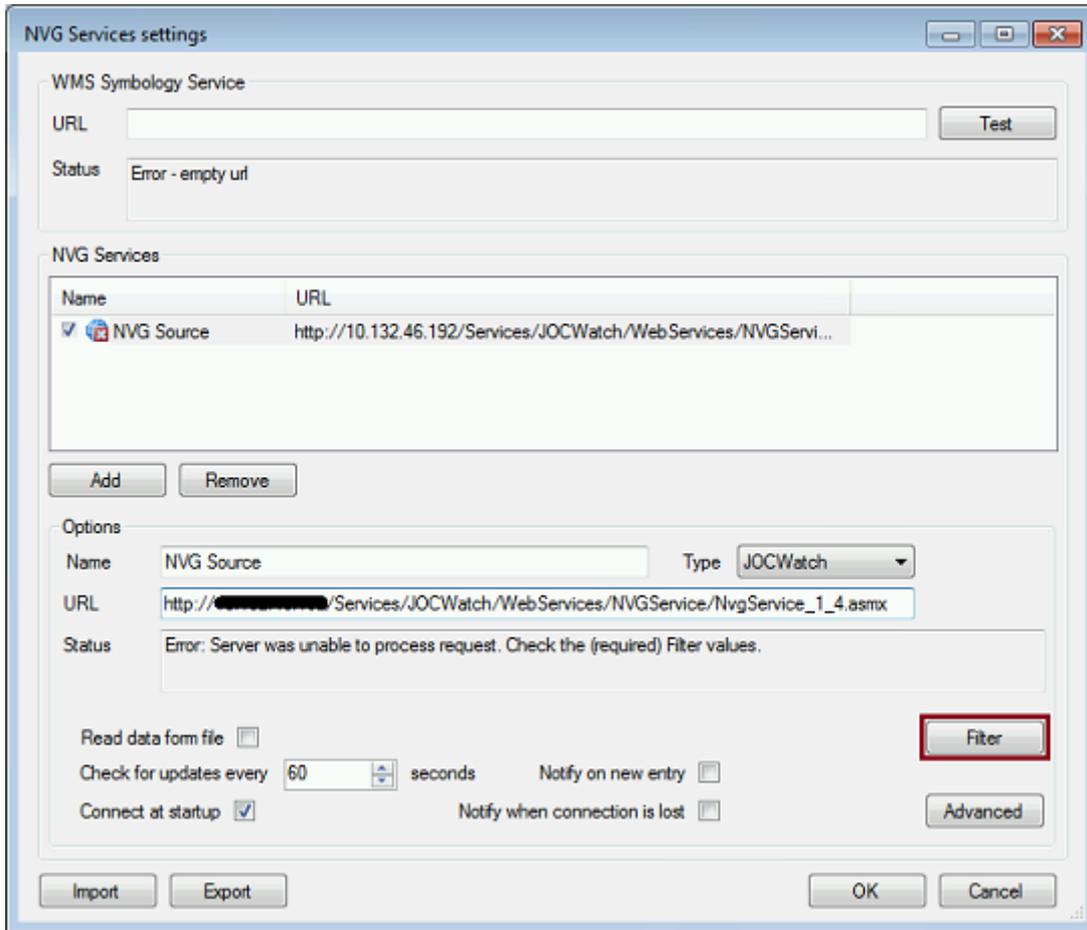
Important: CORSOM 6.2.4 only accepts NVG 1.4 web service. Be sure to provide this information to the JOCWatch administrator as JOCWatch can also provide the NVG 0.3 web service.



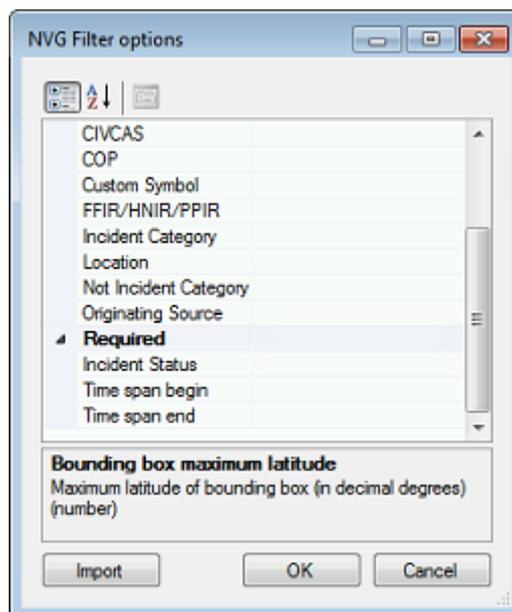
Important: Make sure that the URL ends with the **.asmx** appendix. If necessary, remove all that is behind this point in the URL.

NATO UNCLASSIFIED

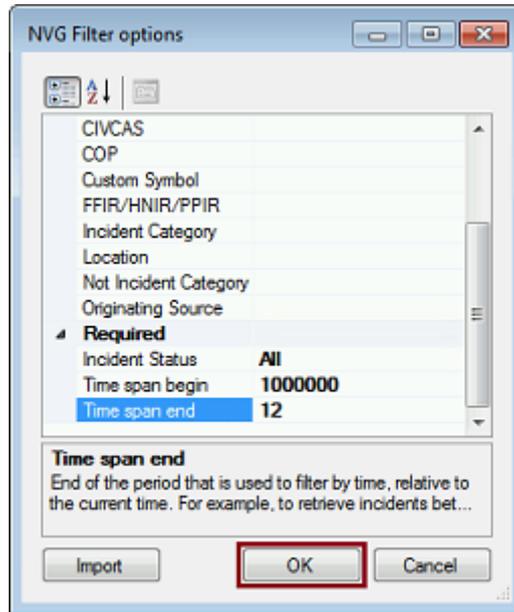
- CORSOM is now connected but is no able to retrieve data as some mandatory filters have not yet been configured. Click on “Filter”



- The “NVG Filter Options” window opens. Scroll down the list to see the required ones.



- 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.



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

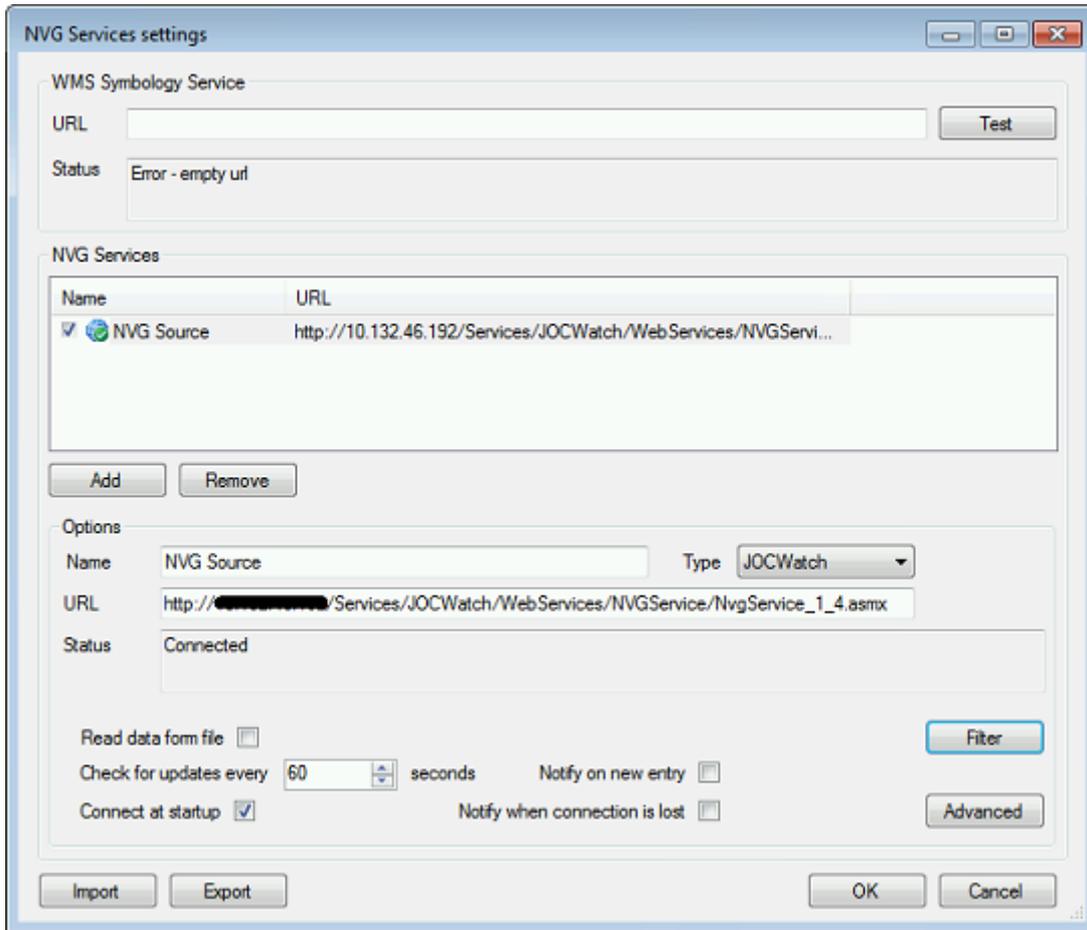
The JOCWatchNVG web service will query for incidents younger than the given number of hours. Be aware that a change will only become effective on the next first invocation on the web service based on the poll interval (see *Check for updates every* paragraph).

Example:

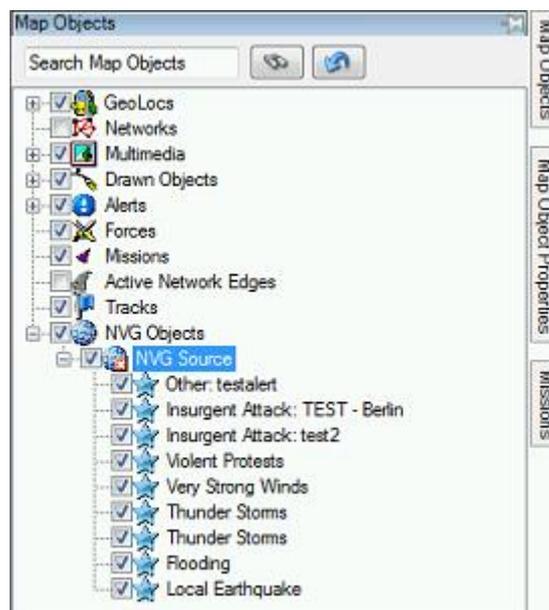
In the picture above, the web service will retrieve **All** incidents that occurred between **12** hours and **1000000** hours in the past.

NATO UNCLASSIFIED

- 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.



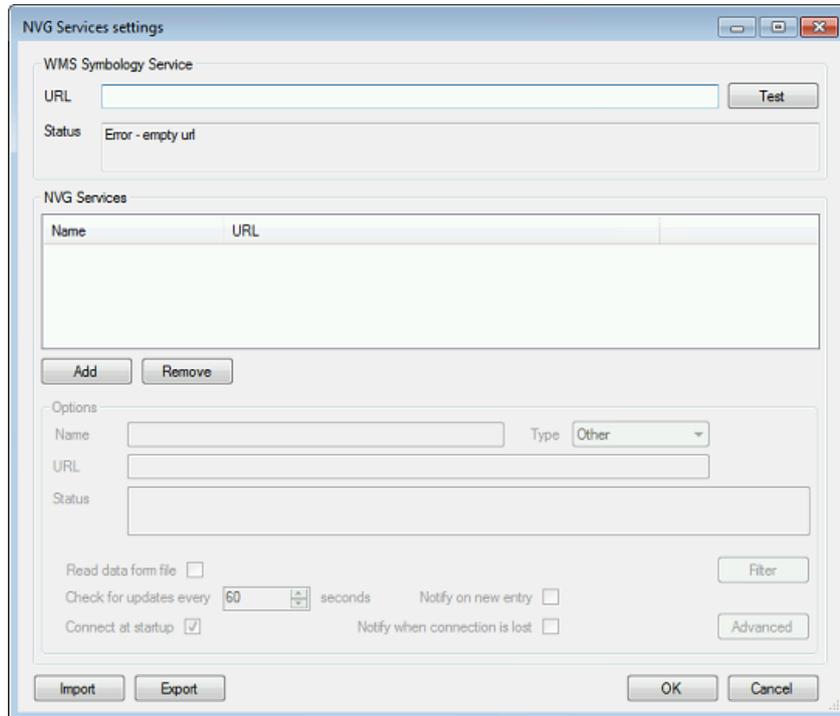
- Open the "*Map Objects*" tab. The created **NVG Source** appears under the "*NVG Objects*" node with all the gathered events.



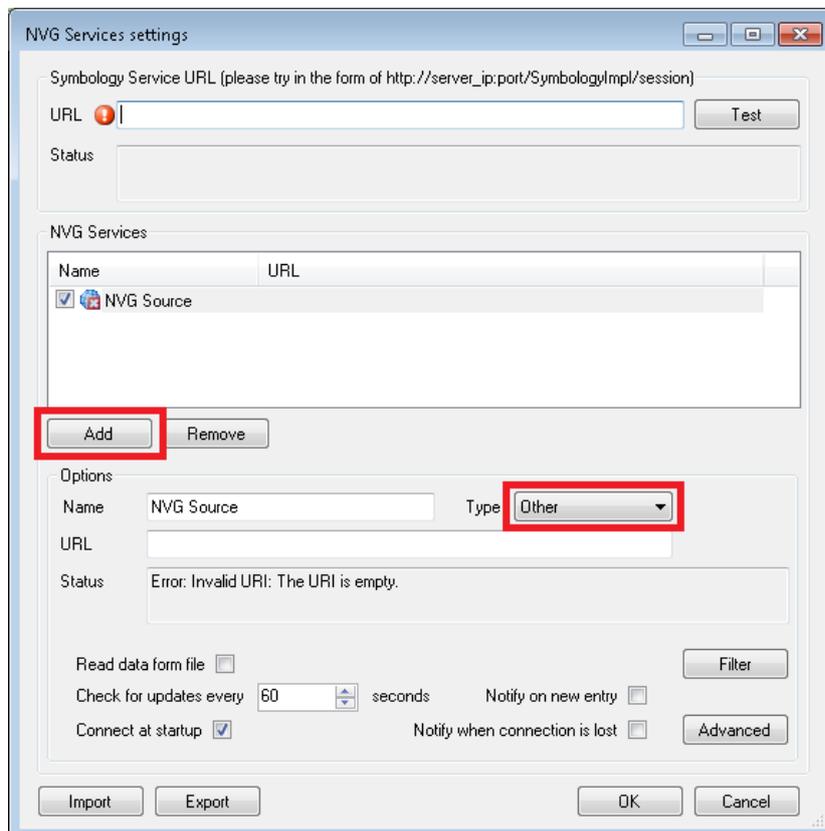
NATO UNCLASSIFIED

EVE WEB NVG Services setup in CORSOM

- Start CORSOM and go to “Options -> Services -> NVG Services”.



- Click on “Add” to add a NVG source then select **Other** in the “Type” drop down list.



NATO UNCLASSIFIED

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 Service URL (please try in the form of http://server_ip:port/Symbology/Impl/session)

URL 

Status

NVG Services

| Name | URL |
|--|---|
| <input checked="" type="checkbox"/>  NVG Source | http://[redacted]/EVE/nvg/NvgService.asmx |

Options

Name Type

URL

Status

Read data from file

Check for updates every seconds Notify on new entry

Connect at startup Notify when connection is lost

NATO UNCLASSIFIED

NATO UNCLASSIFIED

- 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://<SYMBOLGY_IP_ADDRESS>:<PORT>/SymbologyImpl/session
```

NVG Services settings

Symbology Service URL (please try in the form of `http://server_ip:port/SymbologyImpl/session`)

URL `http://[redacted]/SymbologyImpl/session` Test

Status Connected

NVG Services

| Name | URL |
|--|--|
| <input checked="" type="checkbox"/> NVG Source | <code>http://[redacted]/nvg/NvgService.asmx</code> |

Add Remove

Options

Name NVG Source Type Other

URL `http://[redacted]/EVE/nvg/NvgService.asmx`

Status Connected

Read data form file

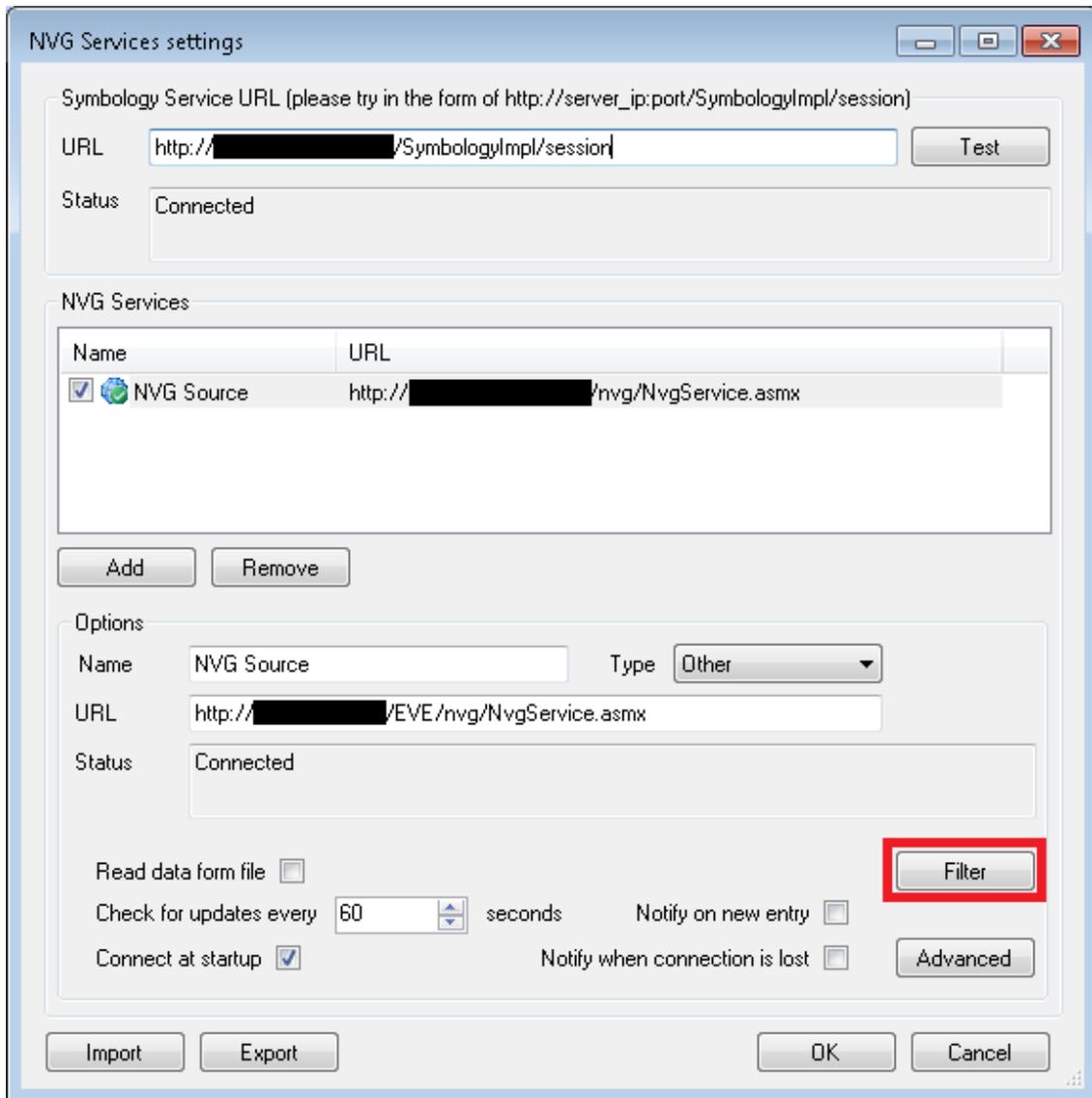
Check for updates every 60 seconds Notify on new entry

Connect at startup Notify when connection is lost

Filter Advanced

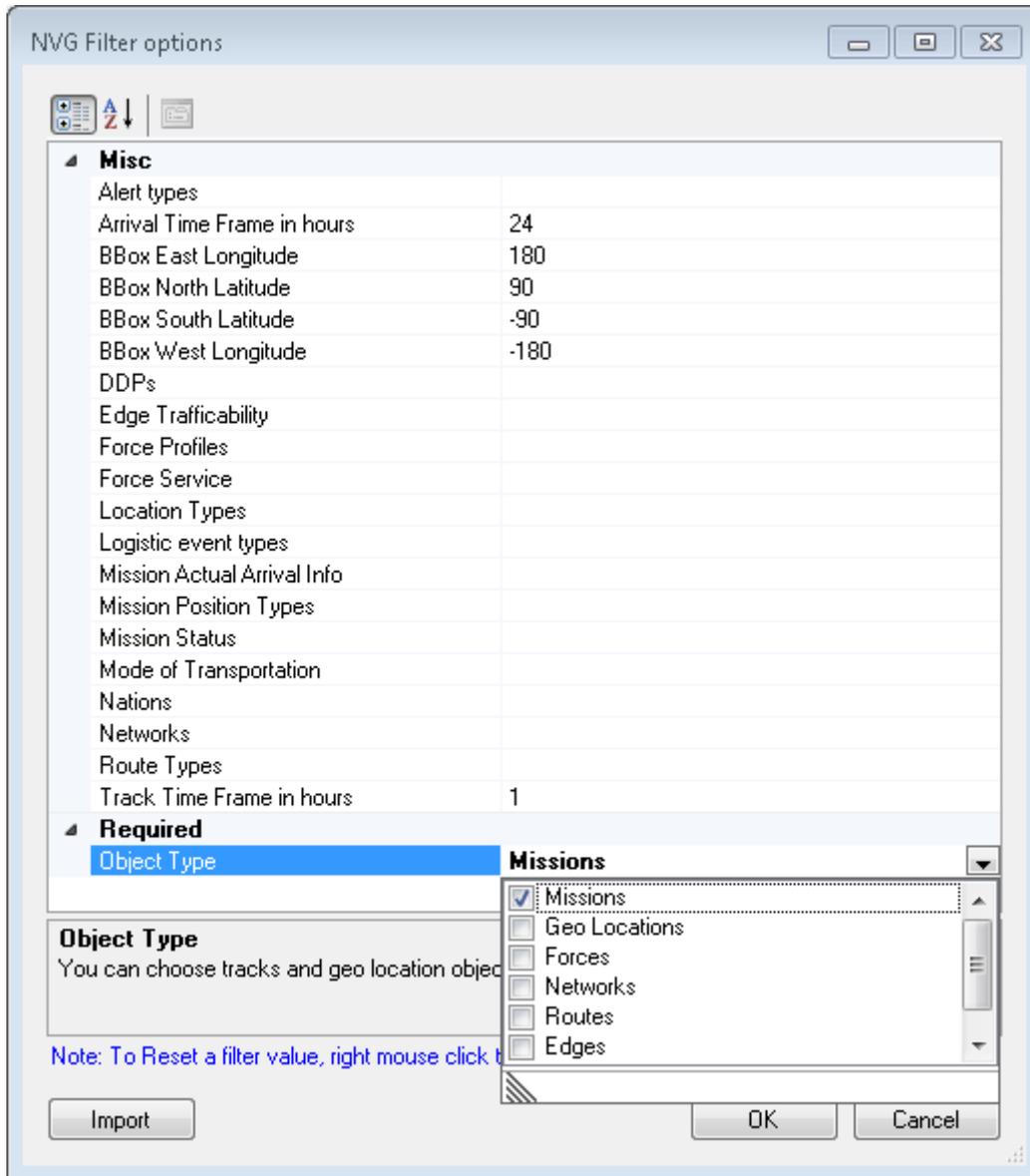
Import Export OK Cancel

- CORSOM is now connected but is no able to retrieve data as some mandatory filters have not yet been configured. Click on “Filter”



NATO UNCLASSIFIED

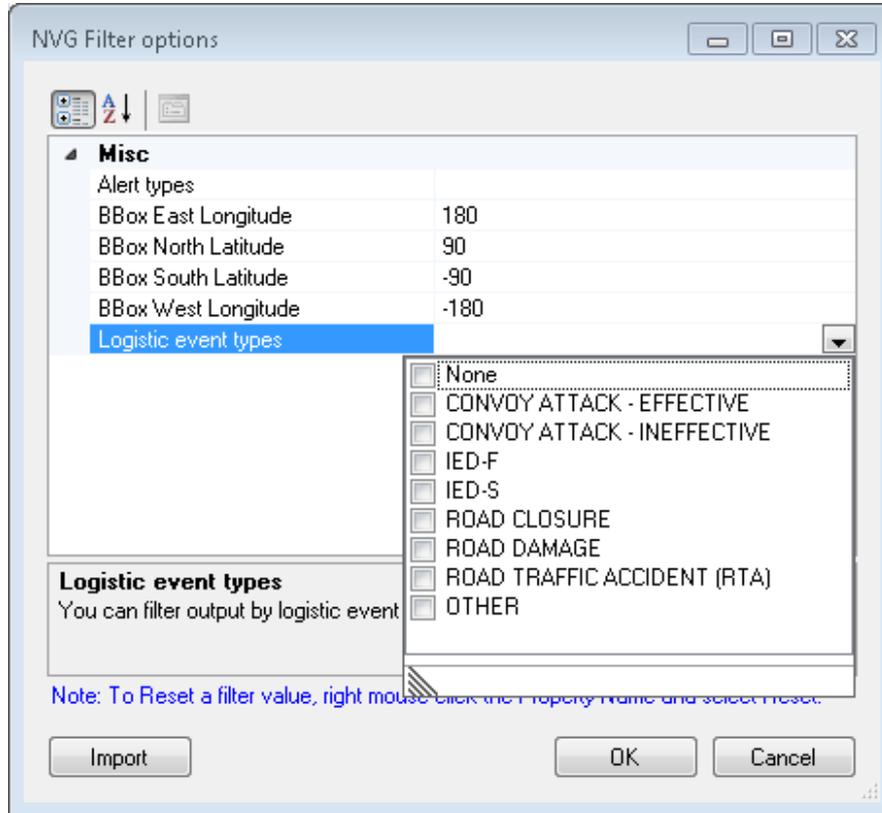
- The “NVG Filter Options” window opens. Scroll down the list to see the required ones. You have to select the Object Type, which will determine the type of the layers returned by EVE WEB.



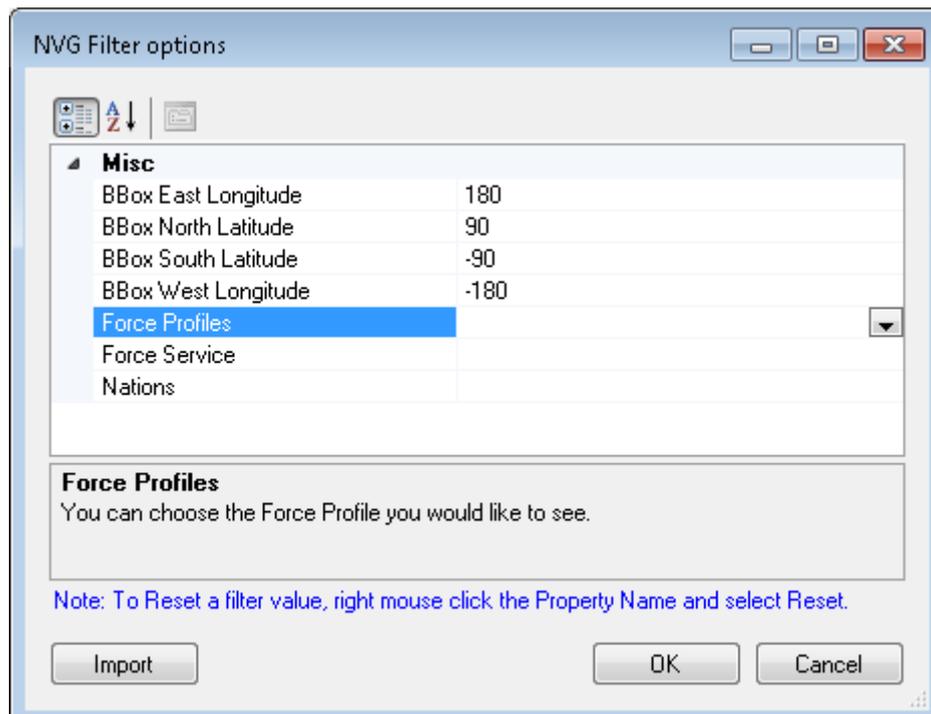
NATO UNCLASSIFIED

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:

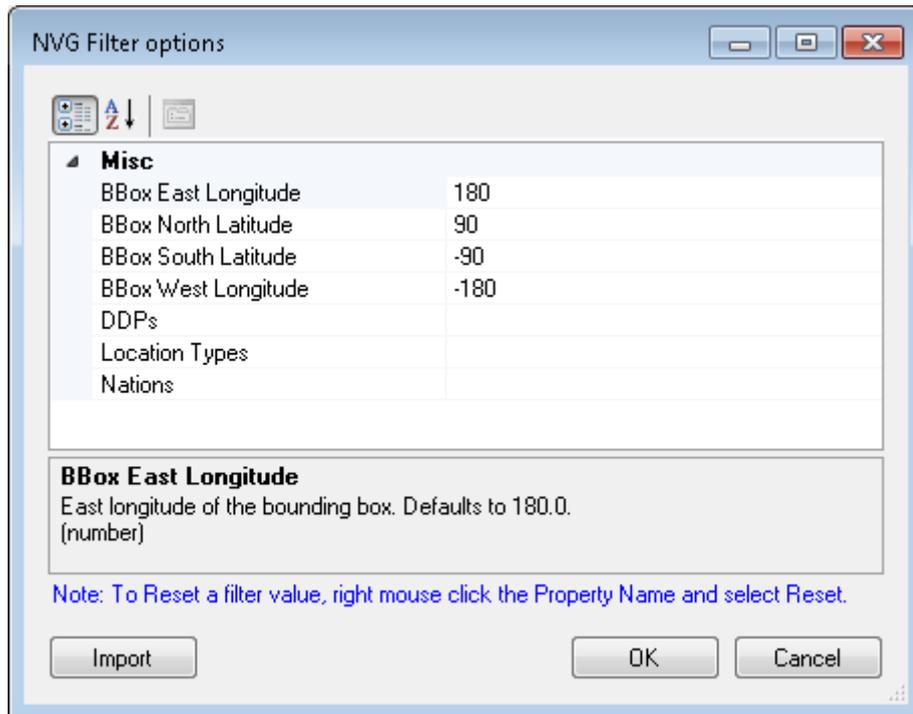


- Forces:

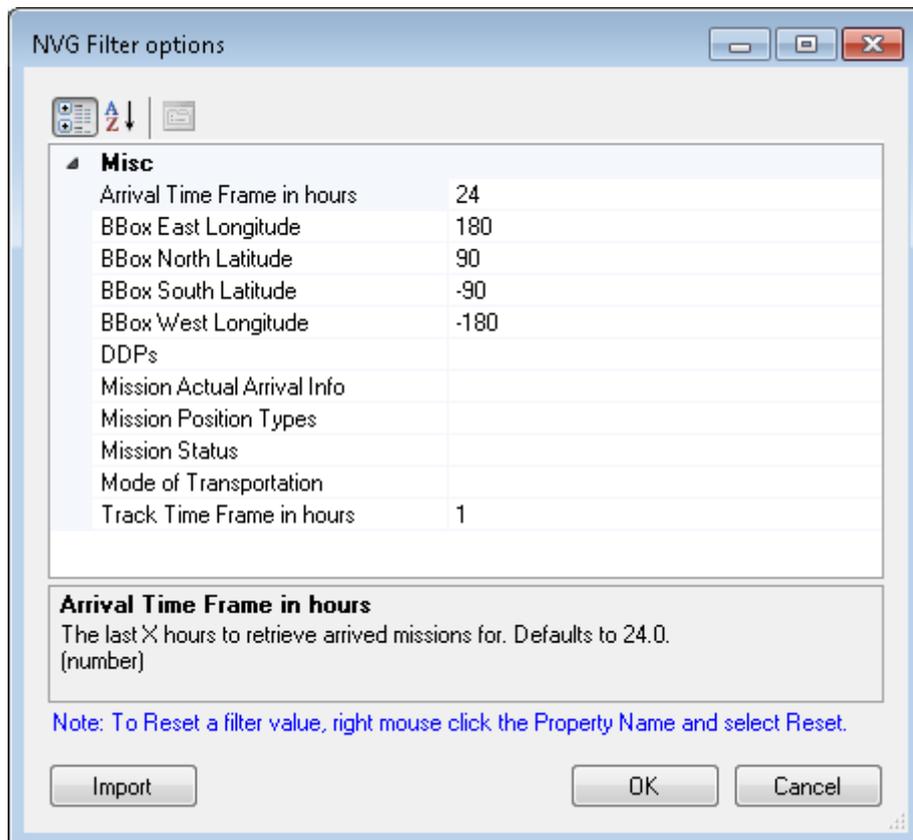


NATO UNCLASSIFIED

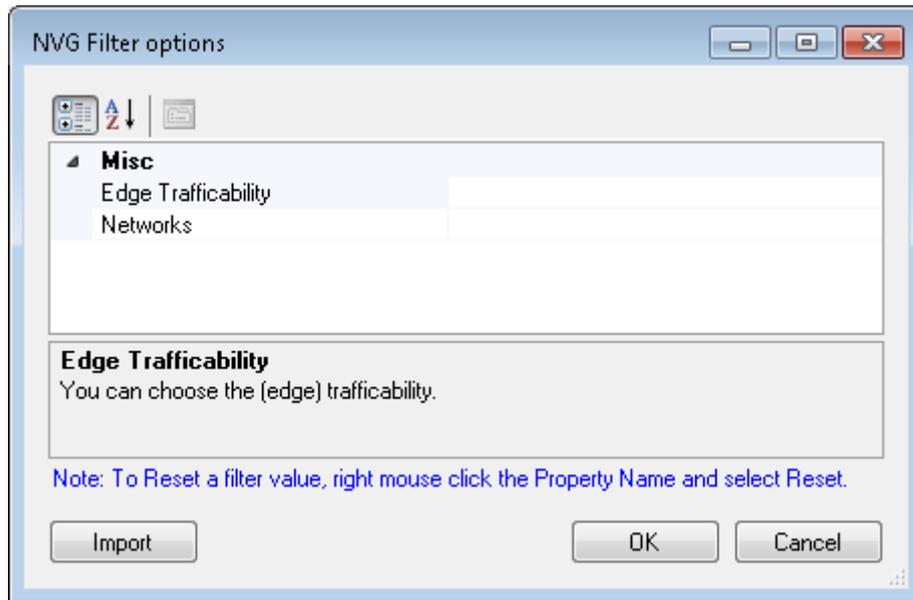
- GeoLocs:



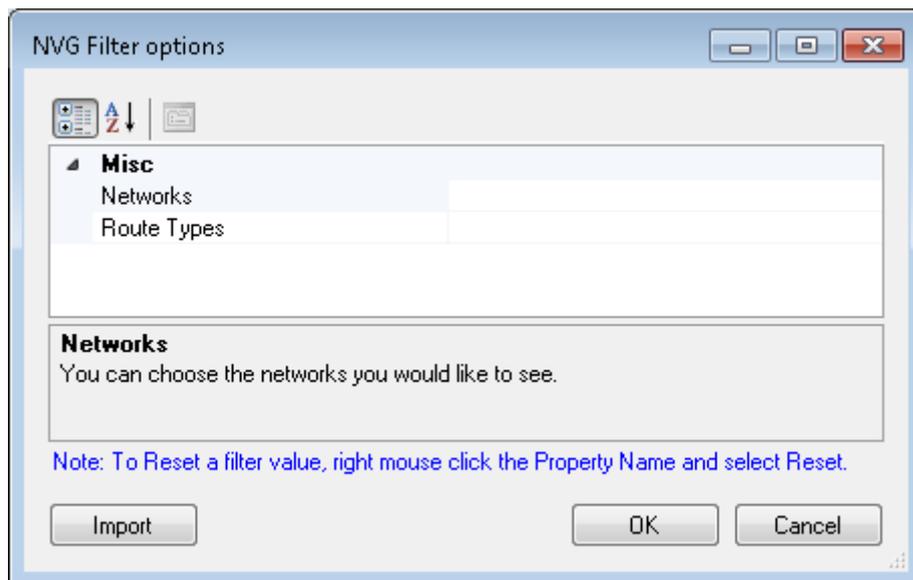
- Missions:



- Networks:



- Routes:



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.