

BRUHN  
**NEWTECH**  
LIFE SAVING SOFTWARE SOLUTIONS

# How to do Correlation



[www.bruhn-newtech.com](http://www.bruhn-newtech.com)

# Correlation Procedures

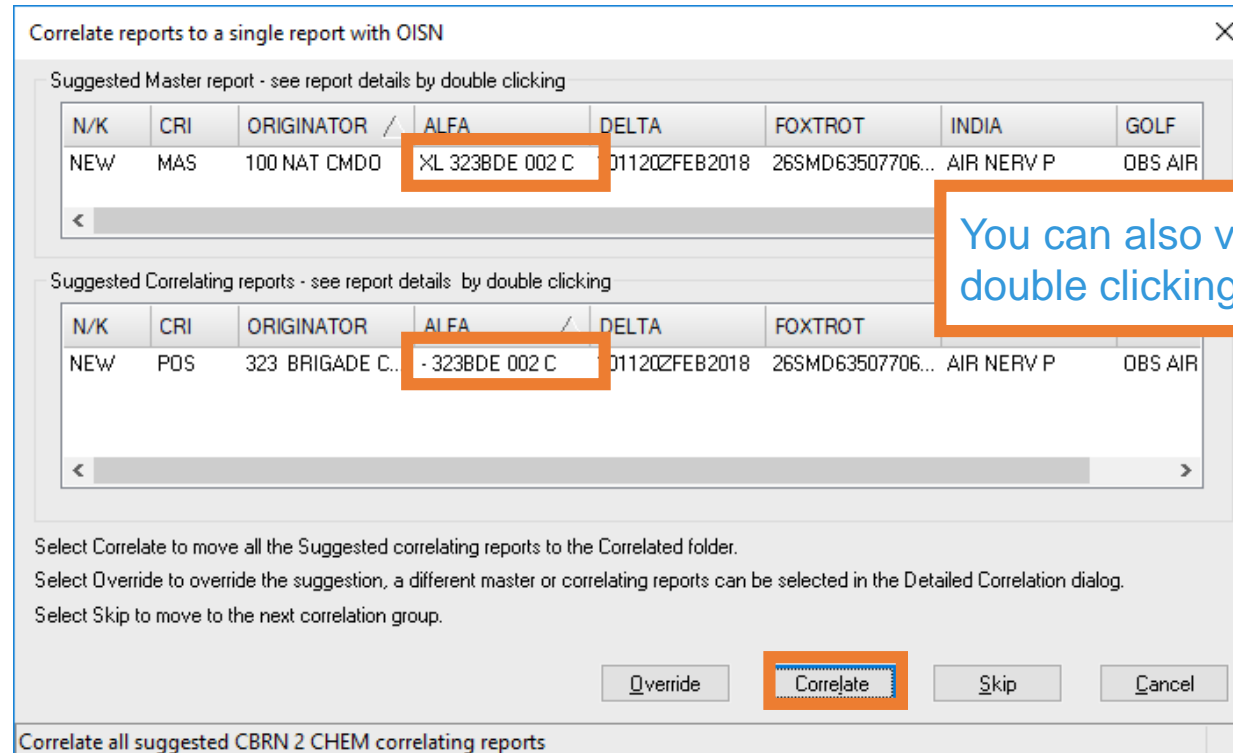
Correlation of CBRN 2 NUC/BIO/CHEM/RAD reports is done when you have more than one CBRN 2 report about the same incident.

There are three different procedures:

1. Standard: With only one official incident number
2. Manual:
  - With identical official incident numbers
  - With two or more official incident numbers
  - Without an official incident number
3. With use of Override

# 1. Correlation Standard Procedure

If only one of the correlating reports contains an OISN in ALFA field 1, the standard correlation dialog will appear



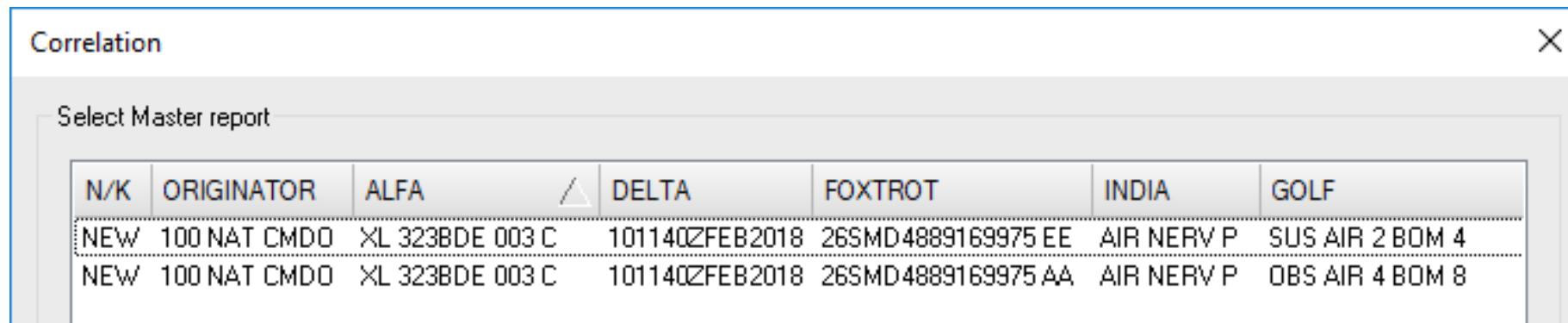
You can also view the reports by double clicking on the report

The OISN report is suggested as master and all other reports for correlation - accept in a one-click operation

## 2. Correlation with Identical OISN

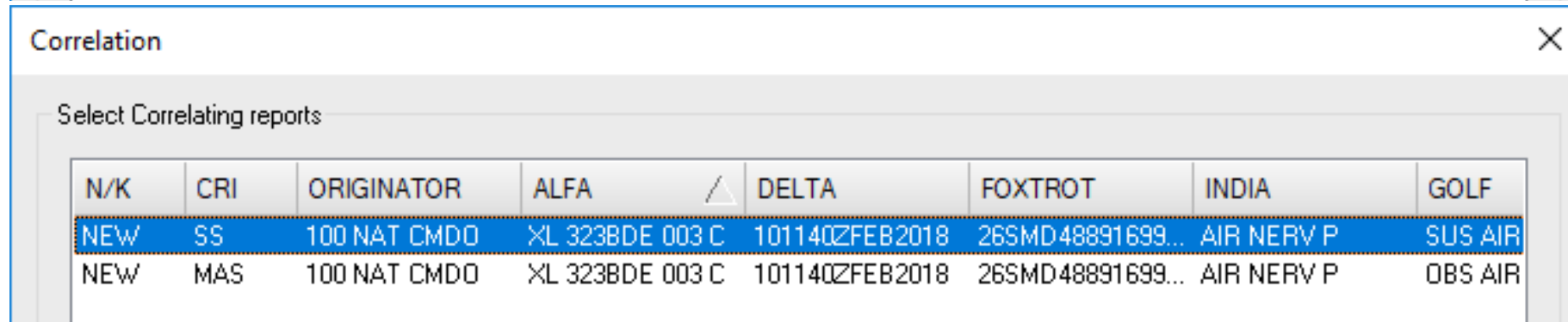
If the correlating reports have the same field ALFA e.g. if the report has been updated, a manual procedure applies, where

- The user must select a master and then
- Select other reports for correlation – or skip / cancel



Correlation dialog box showing 'Select Master report' table:

N/K	ORIGINATOR	ALFA	△	DELTA	FOXTROT	INDIA	GOLF
NEW	100 NAT CMDO	XL 323BDE 003 C		101140ZFEB2018	26SMD4889169975 EE	AIR NERV P	SUS AIR 2 BOM 4
NEW	100 NAT CMDO	XL 323BDE 003 C		101140ZFEB2018	26SMD4889169975 AA	AIR NERV P	OBS AIR 4 BOM 8

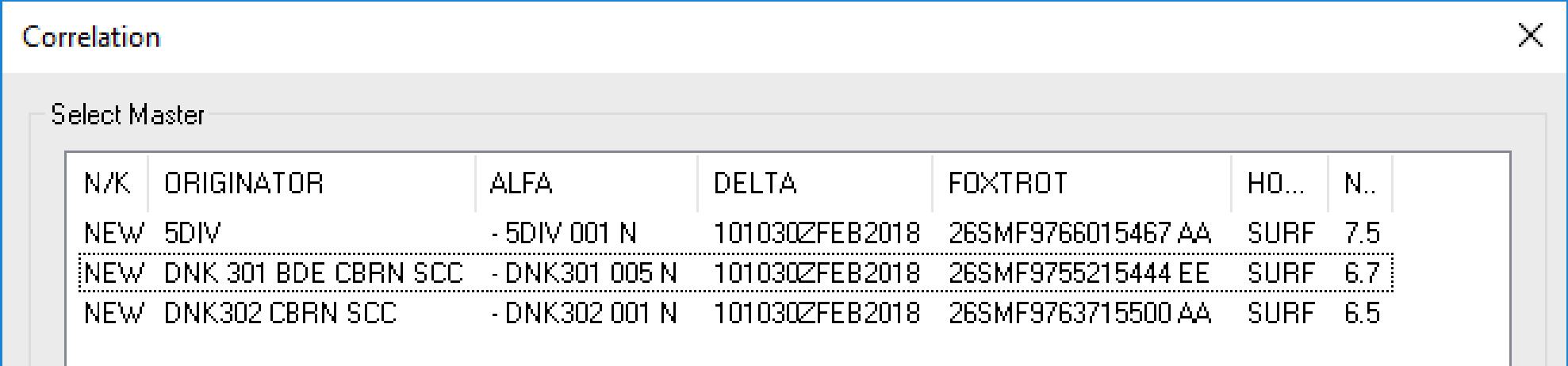


Correlation dialog box showing 'Select Correlating reports' table:

N/K	CRI	ORIGINATOR	ALFA	△	DELTA	FOXTROT	INDIA	GOLF
NEW	SS	100 NAT CMDO	XL 323BDE 003 C		101140ZFEB2018	26SMD48891699...	AIR NERV P	SUS AIR
NEW	MAS	100 NAT CMDO	XL 323BDE 003 C		101140ZFEB2018	26SMD48891699...	AIR NERV P	OBS AIR

## 2. Correlation without or more OISN

If none of the correlating reports have an OISN in field ALFA or if there are more than one report with an OISN in field ALFA, the manual procedure applies, where the user selects a master and then selects other reports for correlation – or skip / cancel



The screenshot shows a dialog box titled "Correlation" with a close button (X) in the top right corner. Inside the dialog, there is a section labeled "Select Master" containing a table with the following data:

N/K	ORIGINATOR	ALFA	DELTA	FOXTROT	HO...	N..
NEW	5DIV	- 5DIV 001 N	101030ZFEB2018	26SMF9766015467 AA	SURF	7.5
NEW	DNK 301 BDE CBRN SCC	- DNK301 005 N	101030ZFEB2018	26SMF9755215444 EE	SURF	6.7
NEW	DNK302 CBRN SCC	- DNK302 001 N	101030ZFEB2018	26SMF9763715500 AA	SURF	6.5

The reports can be displayed to compare the content before selection by clicking on “Show”

# 3. Correlation with use of Override

Use of override applies when something unusual requires a non standard procedure

	ALFA	DELTA	FOXTROT	INDIA	U...	A...
✓	XL 323BDE 001 C	101055ZFEB2018	26SMD5575343824 AA	AIR BL P	0	2
✓	XL 323BDE 002 C	101120ZFEB2018	26SMD6350770634 AA	AIR NERV P	0	1
✓	XL 323BDE 003 C	101140ZFEB2018	26SMD4889169975 AA	AIR NERV P	0	0
✓	XL 322BDE 005	101210ZFEB2018	26SMD6006287353 AA	SURF NERV NP	0	0
✓	XL 323BDE 004 C	101210ZFEB2018	26SMD6006287353 AA	SURF NERV NP		

```

EXER      : 2018-02-UPDATE//
MSGID    : CBRN 2 CHEM/APP-11(C)
GEODATUM : -//
DTG      : 101352ZFEB2018//
ORGIDFT  : 322BDE/BDE/XL/CBT/INF/M
CBRNTYPE : CHEM//
ALFA     : XL/322BDE/005/C//
DELTA    : 101210ZFEB2018//
FOXTROT  : 26SMD6006287353/AA//
GOLF     : OBS/AIR/4/BOM/16//
INDIA    : SURF/NERV/NP//
MIKER    : -//
NOTES    : Priority: Immediate
          : From: 100 NAT CMDO
    
```

OISN report without local weather data

	ALFA	DELTA	FOXTROT	INDIA	U...	A...
✓	XL 323BDE 001 C	101055ZFEB2018	26SMD5575343824 AA	AIR BL P	0	2
✓	XL 323BDE 002 C	101120ZFEB2018	26SMD6350770634 AA	AIR NERV P	0	1
✓	XL 323BDE 003 C	101140ZFEB2018	26SMD4889169975 AA	AIR NERV P	0	0
✓	XL 322BDE 001 C	101210ZFEB2018	26SMD6006287353 AA	SURF NERV NP	0	0

```

EXER      : 2018-02-UPDATE//
MSGID    : CBRN 2 CHEM/APP-11(C)/C
GEODATUM : -//
DTG      : 101350ZFEB2018//
ORGIDFT  : 322BDE/BDE/XL/CBT/INF/M
CBRNTYPE : CHEM//
ALFA     : -/322BDE/001/C//
DELTA    : 101210ZFEB2018//
FOXTROT  : 26SMD6006287353/AA//
GOLF     : OBS/AIR/4/BOM/16//
INDIA    : SURF/NERV/NP//
MIKER    : -//
NOTES    : Priority: Immediate
          : DTG: 101350ZFEB2018
          : From: 322 BRIGADE CBRN SCC
          : To: ALL UNITS//
    
```

Updated LISN report with local weather

In this case the LISN report is better than the OISN (updated local weather) and may therefore be selected temporary

# 3. Correlation with use of Override

Correlate reports to a single report with OISN

Suggested Master report - see report details by double clicking

N/K	CRI	ORIGINATOR	ALFA	DELTA	FOXTROT	INDIA	GOLF
NEW	MAS	100 N AT CMDO	XL 322BDE 005 C	101210ZFEB2018	26SMD60062873...	SURF NERV NP	OBS AIR

Suggested Correlating reports - see report details by double clicking

N/K	CRI	ORIGINATOR	ALFA	DELTA	FOXTROT	INDIA	GOLF
KNO	POS	322 BRIGADE C...	- 322BDE 001 C	101210ZFEB2018	26SMD60062873...	SURF NERV NP	OBS AIR

Click on Override and the manual procedure applies, where the user must select a master and then select other reports for correlation

Select Correlate to move all the Suggested correlating reports to the Correlated folder.  
Select Override to override the suggestion, a different master or correlating reports can be selected in the Detailed Correlation dialog.  
Select Skip to move to the next correlation group.

Correlate all suggested CBRN 2 CHEM correlating reports