CRIMSON

TTX3 features

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DIGINEXT

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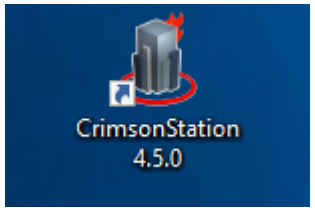
COP User interface

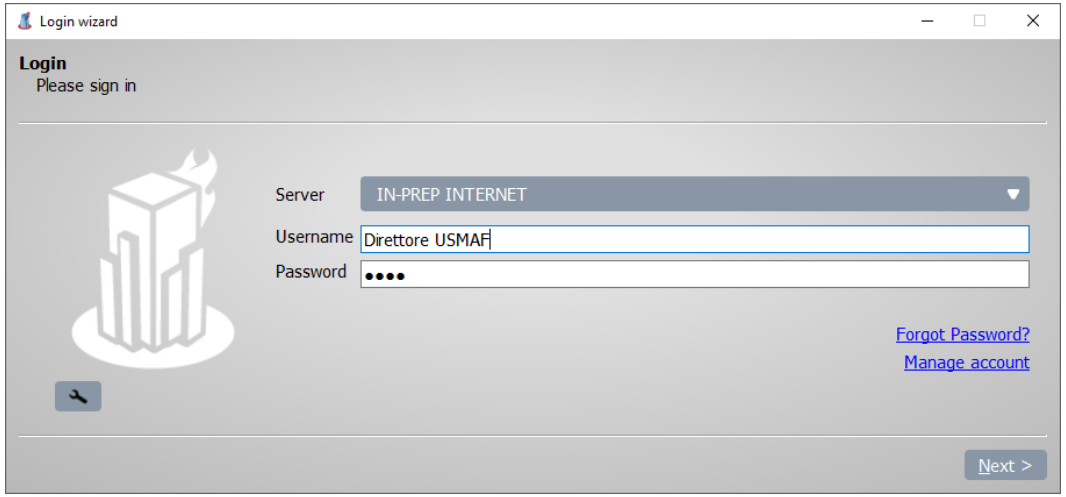
- Start from desktop shortcut

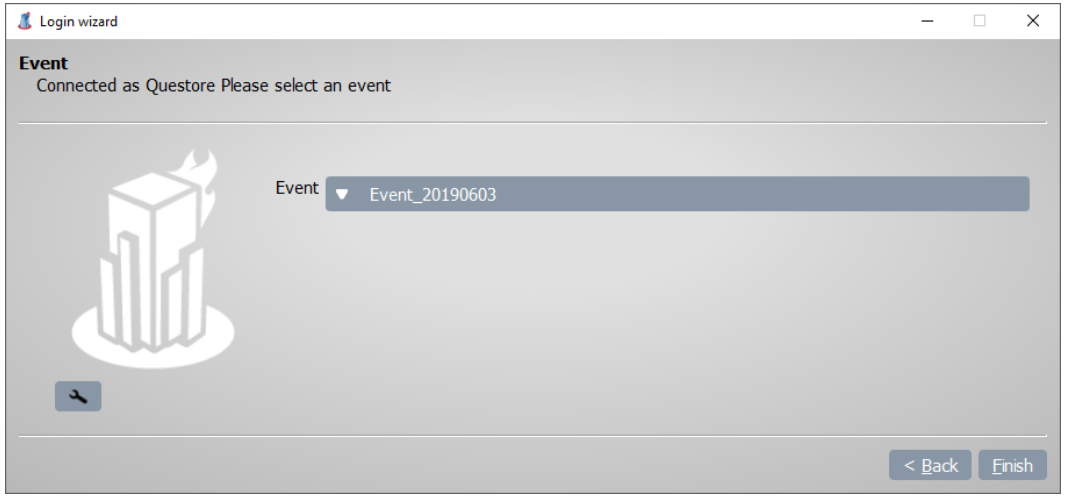


- The application starts

COP User interface

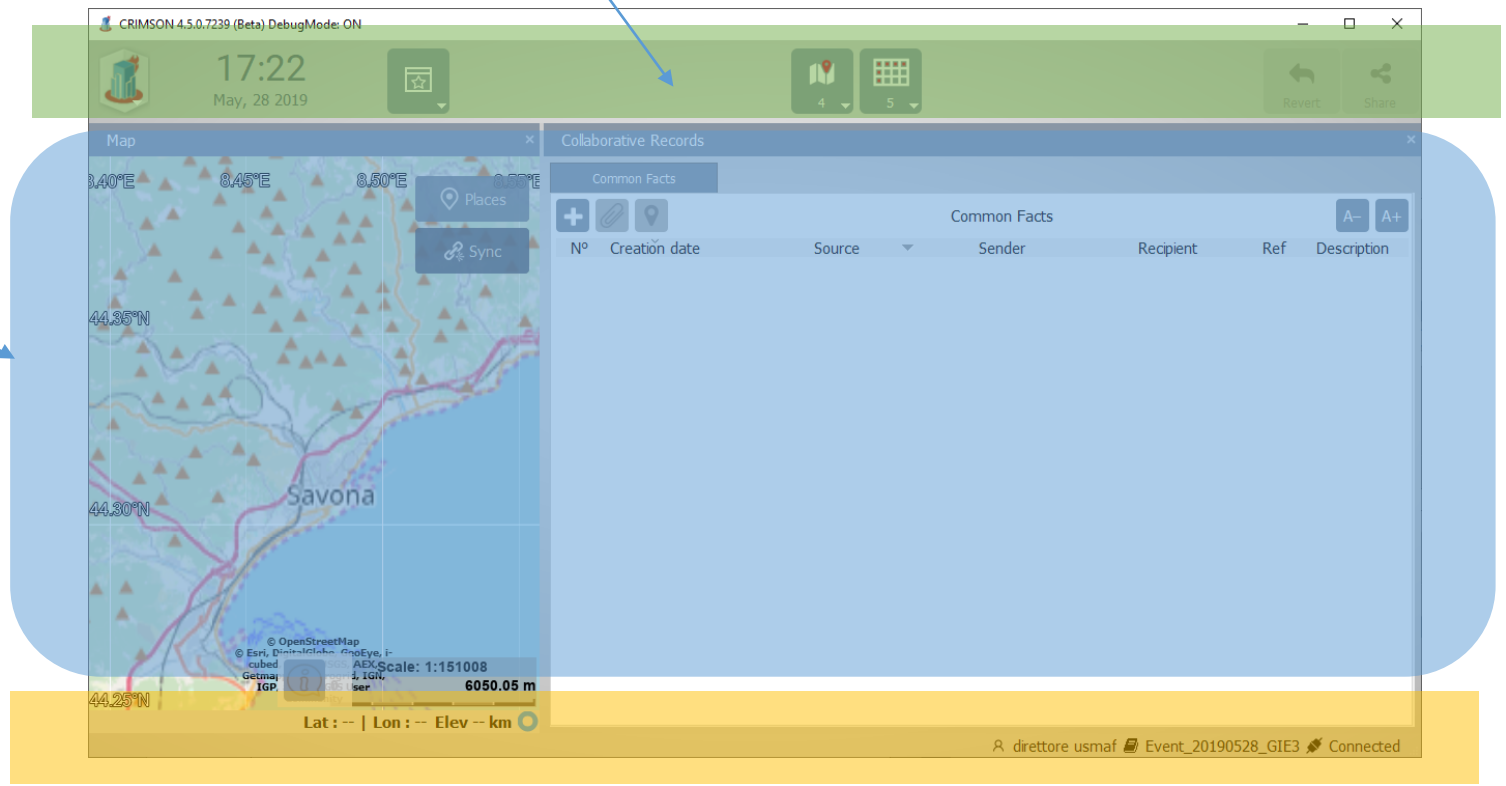
- User log-in
  - Select inprep-online
    - (in-prep-local for the 10/10)
    - Enter your user name and password
      - rot-1 or trainer1
      - 0123
  - Select an Event
    - Event_20191003



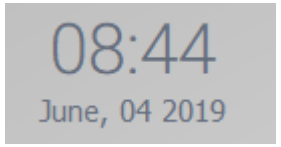


COP User interface

- Header bar: Buttons (layouts, notifications, …)
- Tabs
  - Map, Coll. records
  - Modelling results
  - Drone Missions
- Footer bar
  - Logged-in user
  - Current event



COP User interface

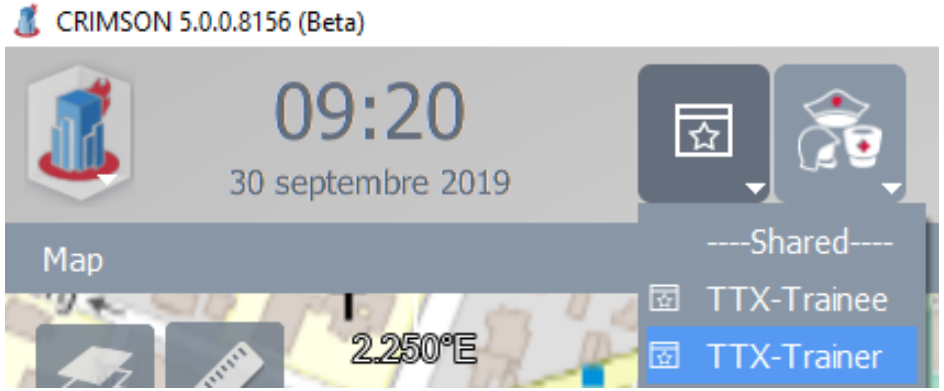
- **Header bar (from left to Right)**
  - Main menu: to quit 
  - Date/Time 

  - Layout: to have the map and collaborative table displayed 
  - Notifications button: when new information is available
  - last buttons: 

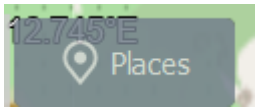
    - Revert: to cancel a modification not yet shared
    - Share: to send a modification
    - Overview: to export information 

COP User interface

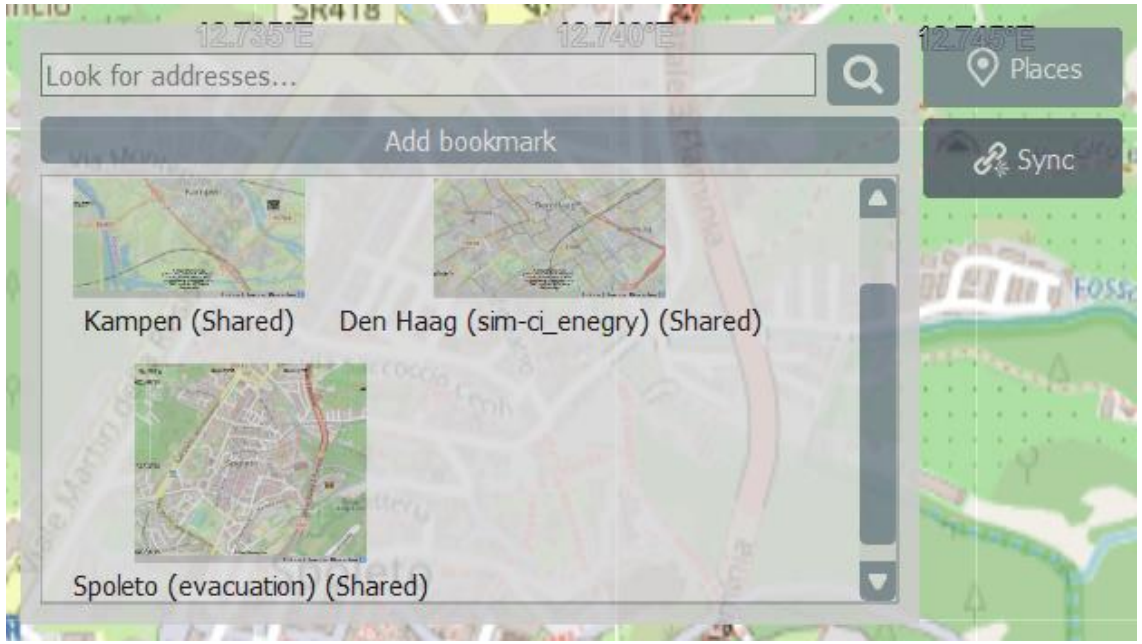
- **Layout** 
  - In the upper bar
    - => select TTX-Trainee or TTX-Trainer
  - For the trainee the UI is split in 2 areas:
    - The Map tab on one side:
      - To add a UAV mission and see UAV position
      - To see Modelling Result layers
    - The Camera, Device and Modelling Results (MR) on the other side
      - To see UAV stream,
      - To see MR injects and request a result



COP User interface

- **Map Bookmark** 

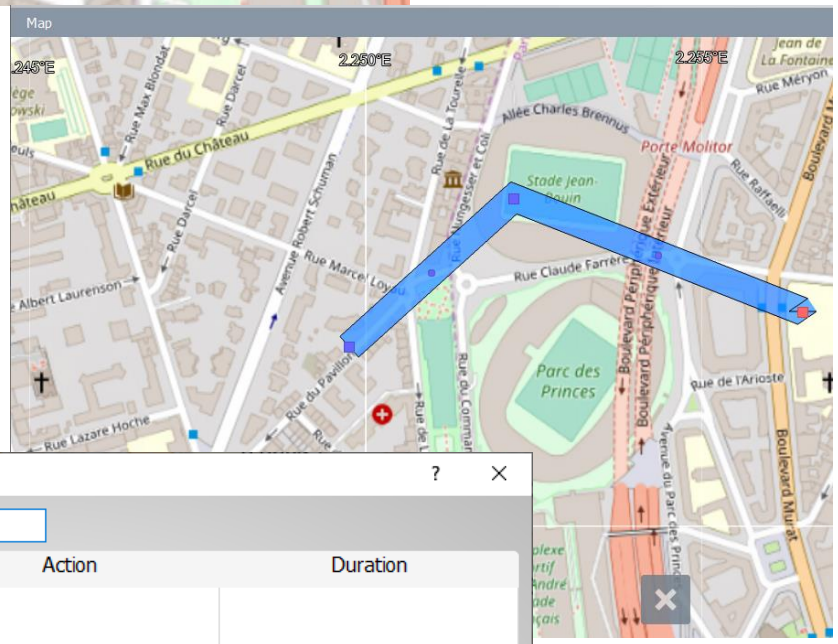
  - In the map upper right corner
  - Provide bookmarked view to specific area
    - Kampen
    - Den Haag (MR energy grid example)
    - Spoleto (MR Evacuation example)



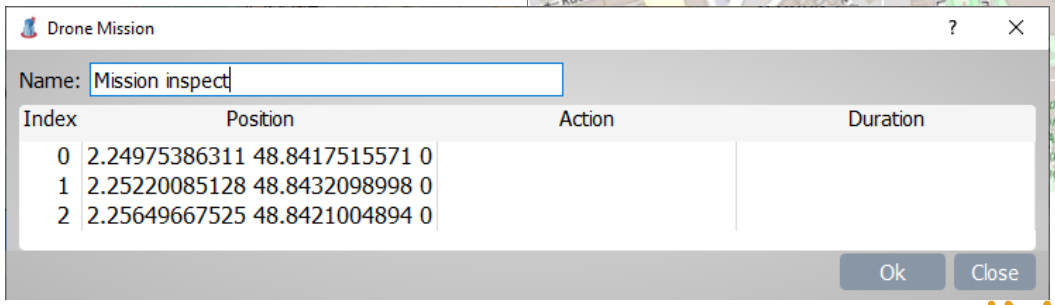
COP User interface: Drone Mission

- On the map
  - From annotation Bar, click on Drone Missions

  - Click on the map to add waypoints, double click to finish

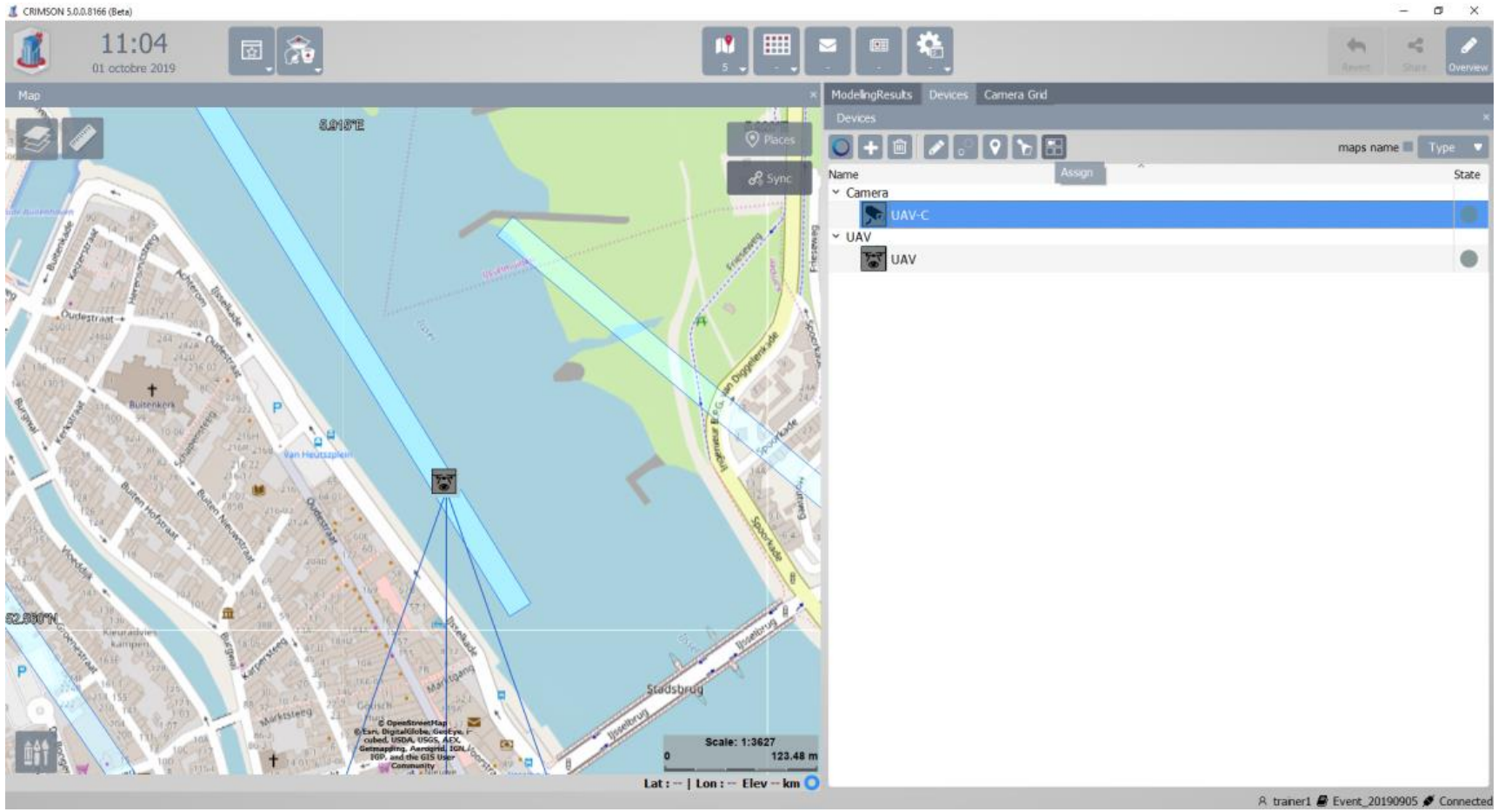


  - A popup window opens and display point list
    - Enter a mission name and validate
    - Share



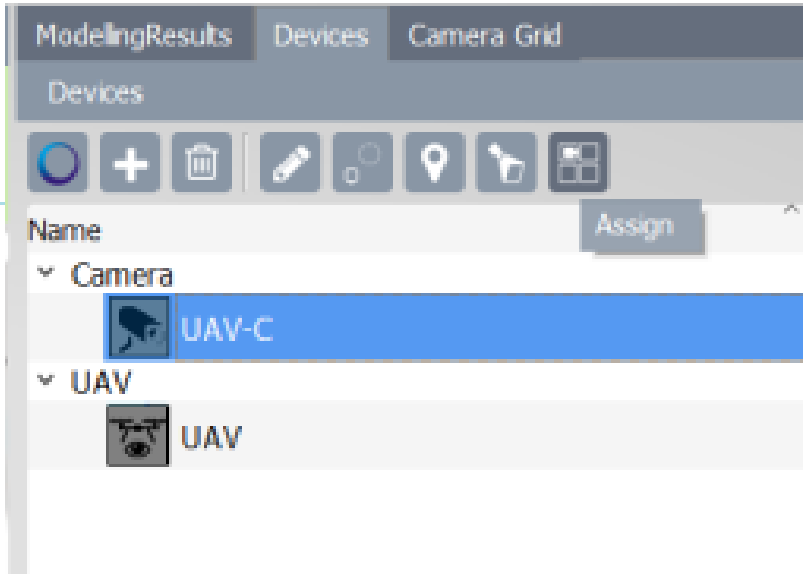
COP User interface: Drone Position

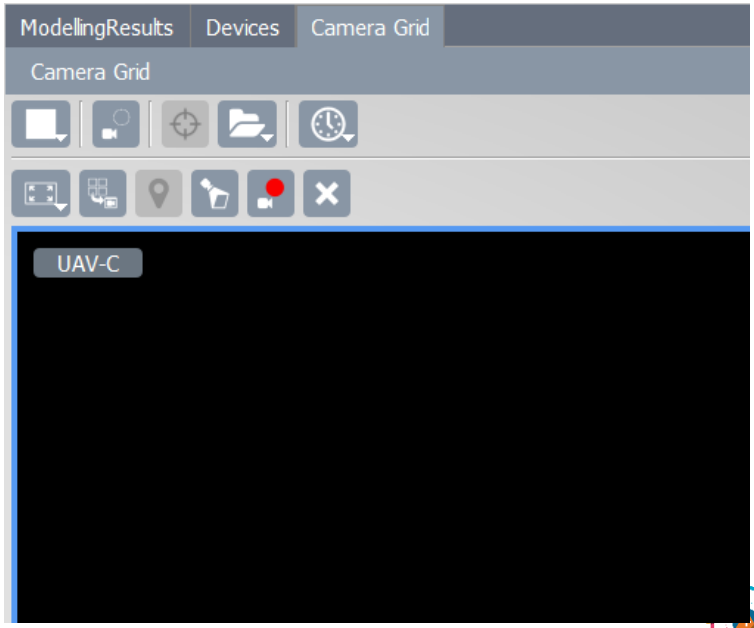
- On the map: A drone icon is then visible



COP User interface: Drone Stream

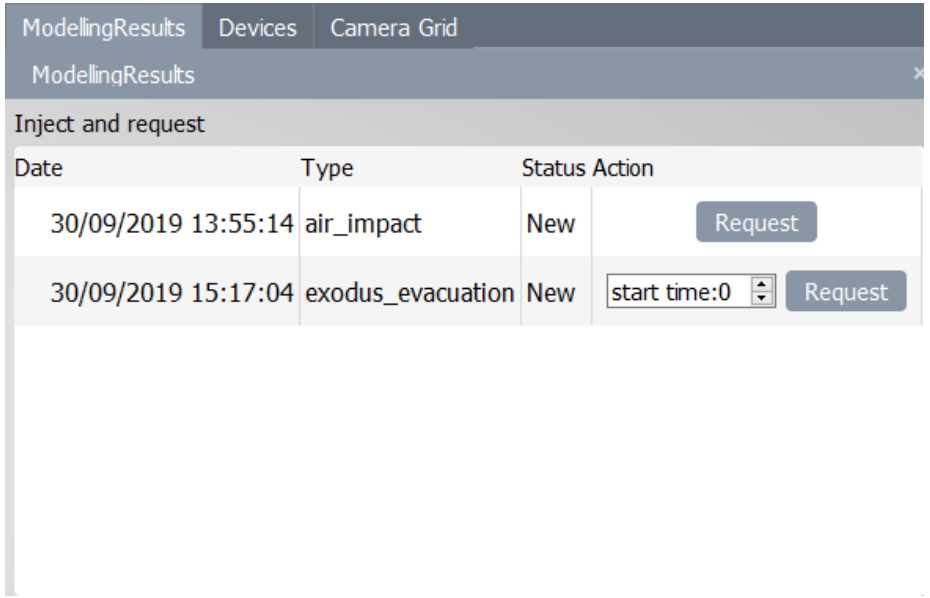
- In the Device List,
  - Select UAV-C and click on the "***Assign***" button
  - The camera grid opens, click in one of the grid cell to start displaying the stream.





COP User interface: Modelling Results (MR)

- When an inject is sent from SB
  - A new line is available in the upper panel
  - If no input is required, the user click on "***request***"
  - If an input is required, the user:
    - Enter the value
      - example start time of simulation => 60 (after 60 minutes)
    - Click on "***request***" -> the status move to "***requested***"



COP User interface: Modelling results

- When the result is available
  - A new line is available in the lower panel
  - 3 cases:
    - **Static maps:** One or more raster that can be displayed on top of the map (flood, impacts, etc.)
    - **Dynamic maps:** A list of raster than can be animated to see the simulation (evacuation for instance)
    - **Numerical results:** A table with a list of parameters and their values.

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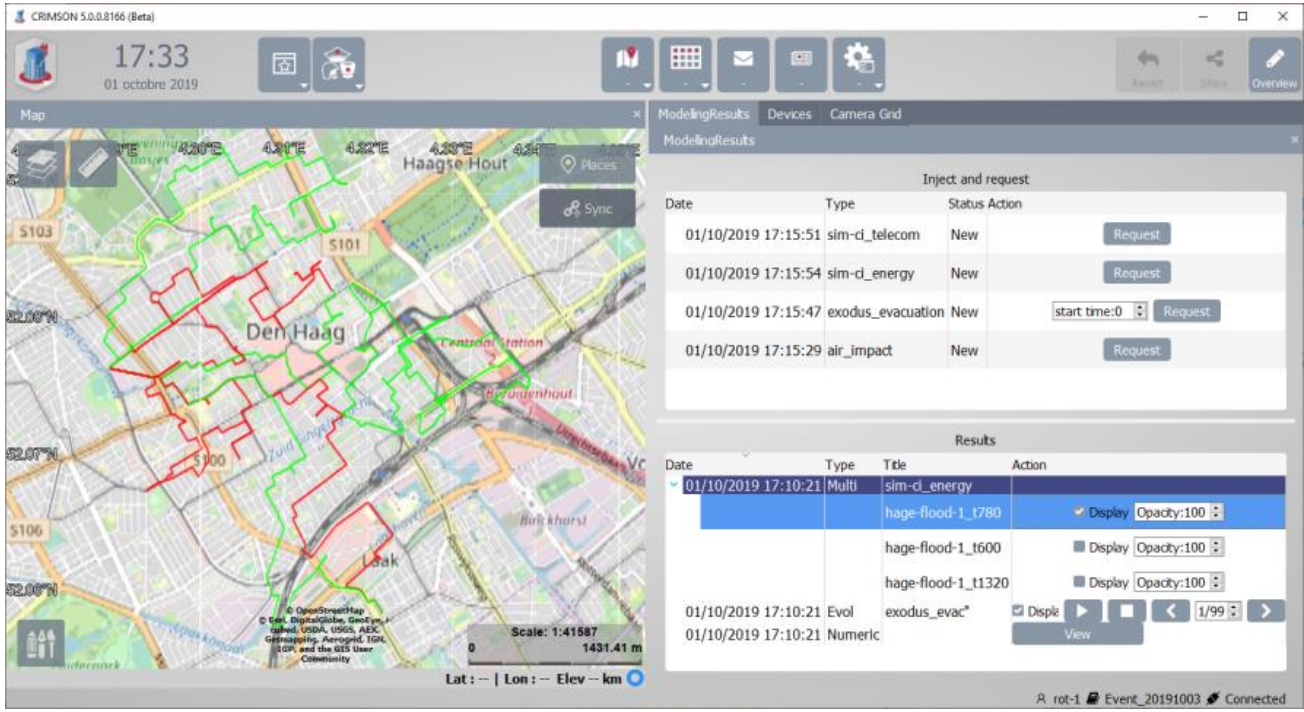
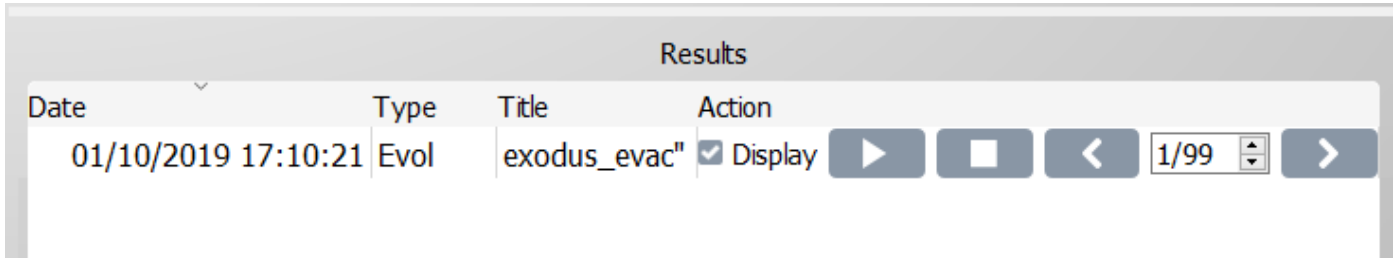
COP User interface: Modelling results

- Static maps
  - One line per raster is provided
  - User can display/hide the raster and adjust opacity
  - (Use bookmark to go to Den Haag)



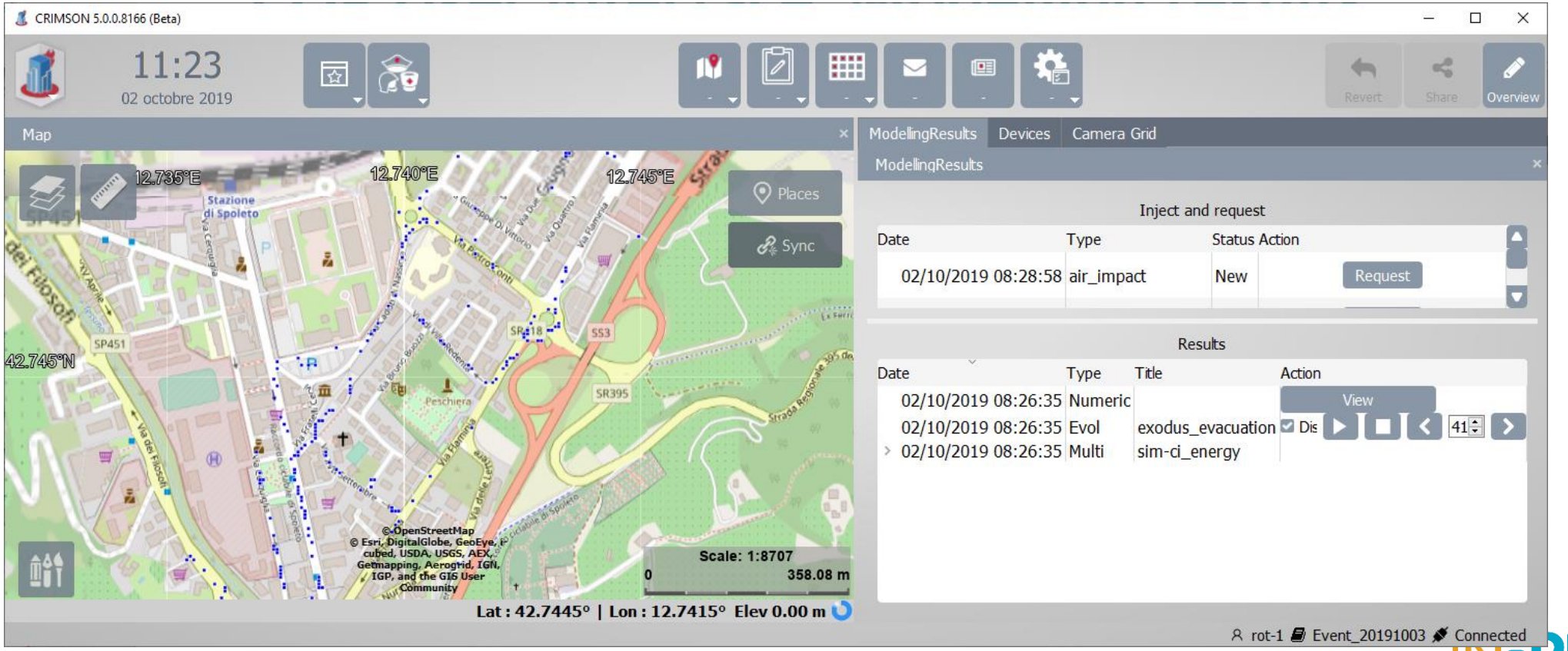
COP User interface: Modelling results

- Dynamic maps (evacuation case)
  - One line is provided with options
  - User can
    - Display/hide the result by checking the check box
    - Play an animation to display one layer after the other by clicking on the ”***play***” button (and stop it)
    - Display a specific step or move step by step (forward or backward)



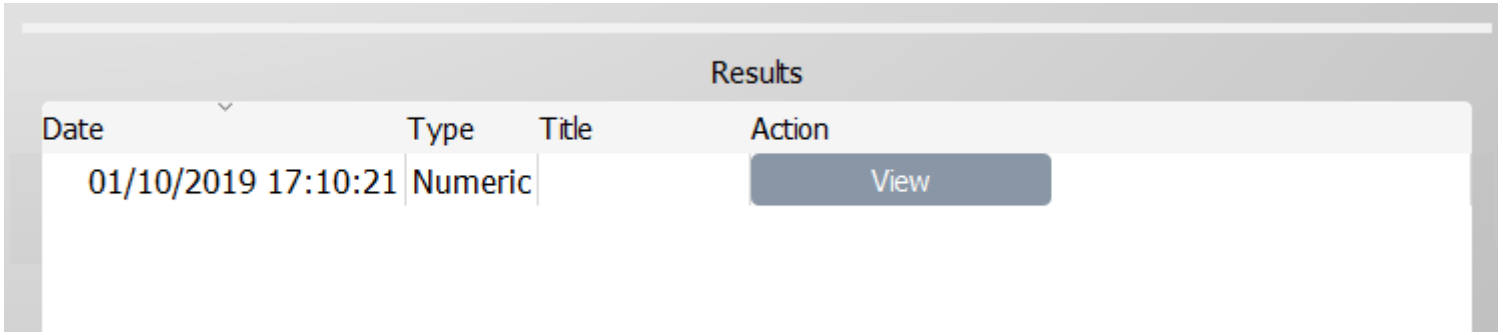
COP User interface: Modelling results

- Dynamic maps (evacuation case)
  - Blues rectangles will be displayed at the location => use bookmark to go to Spoleto

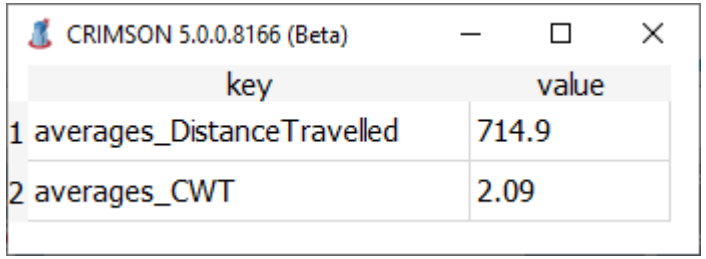


COP User interface: Modelling results

- Numerical results
  - A view button is available for each time a numerical result is available

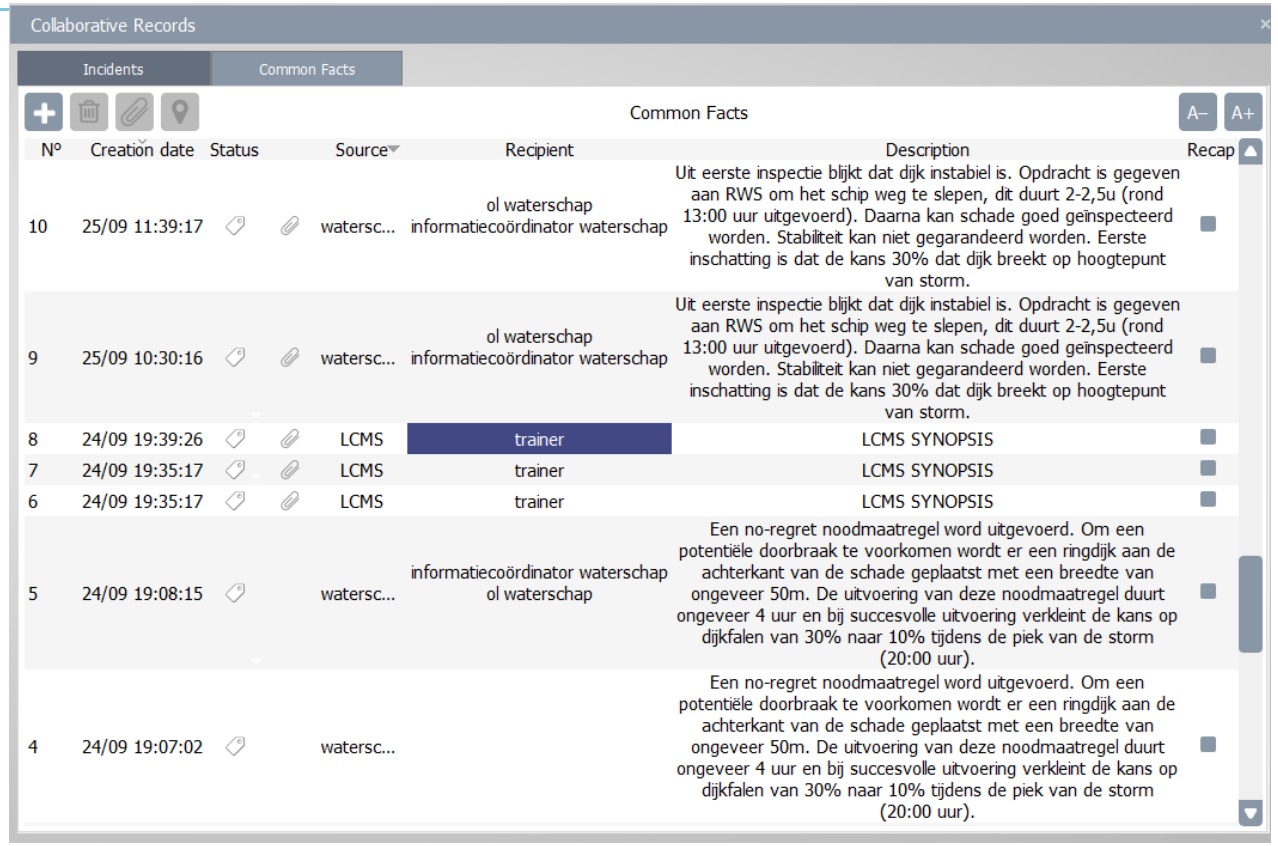


  - Clicking on view open a popup with a table
    - 1 line per parameter name/value



COP User interface: Injects for this TTX

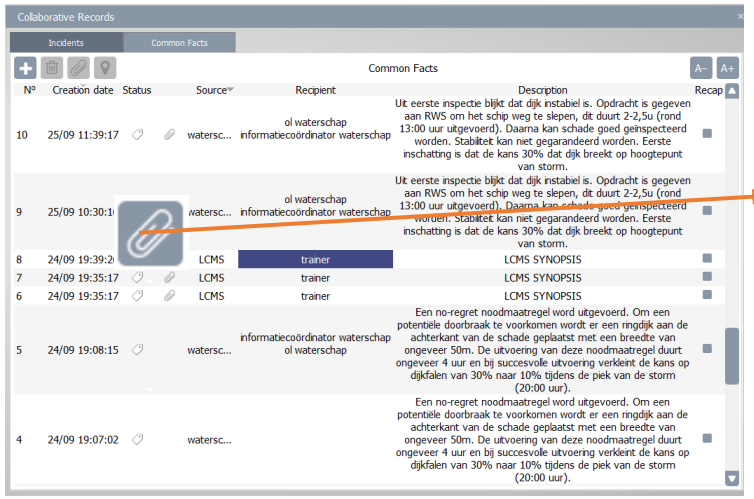
- Mainly for the trainer
- In the Collaborative table
  - SB injects
  - LCMS synopsis has attachment

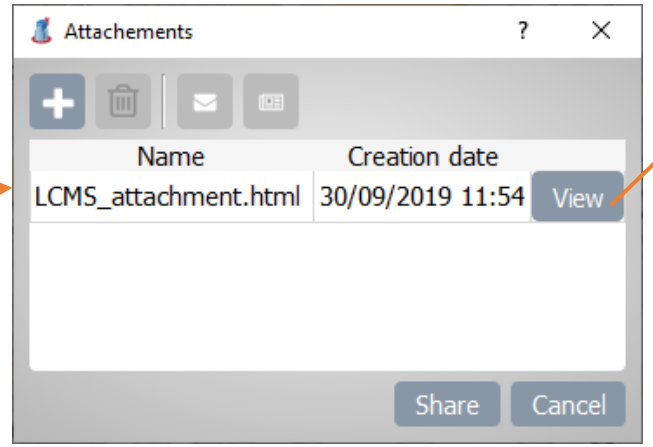


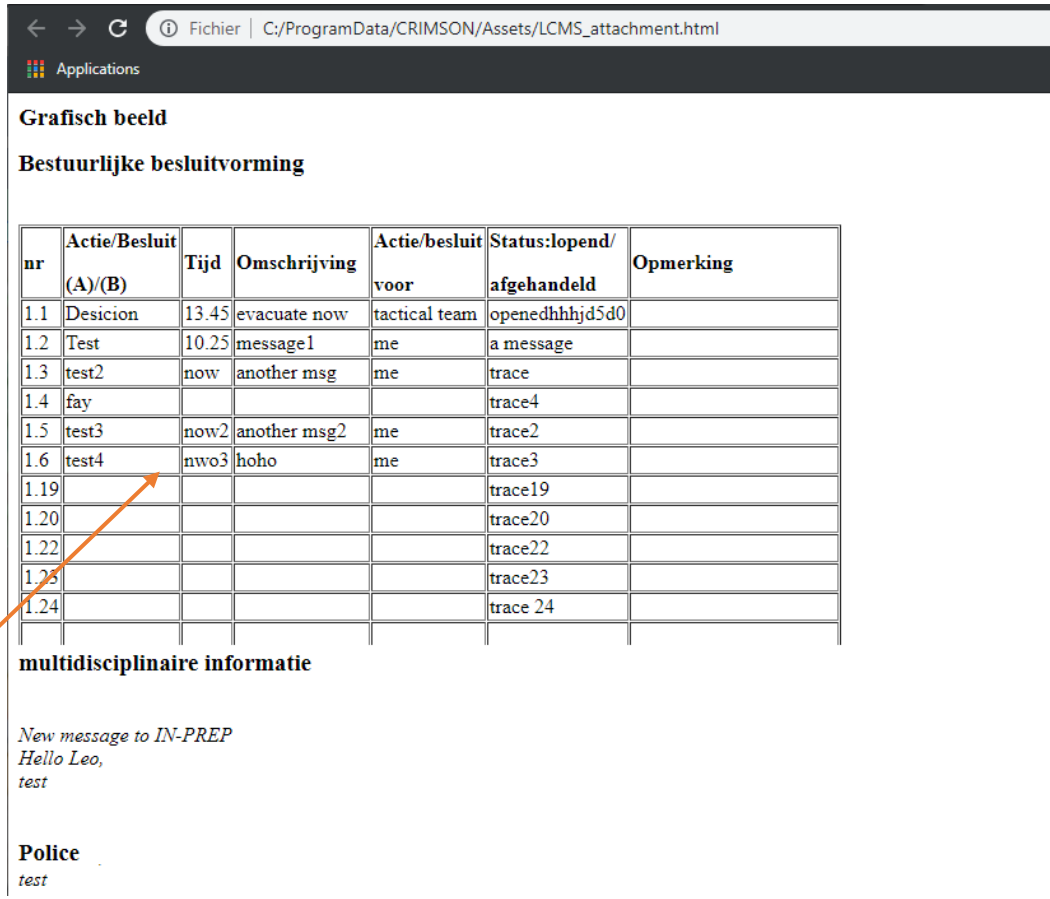
Nº	Creation date	Status		Source	Recipient	Description	Recap
10	25/09 11:39:17			watersc...	ol waterschap informatiecoördinator waterschap	Uit eerste inspectie blijkt dat dijk instabiel is. Opdracht is gegeven aan RWS om het schip weg te slepen, dit duurt 2-2,5u (rond 13:00 uur uitgevoerd). Daarna kan schade goed geïnspecteerd worden. Stabiliteit kan niet gegarandeerd worden. Eerste inschatting is dat de kans 30% dat dijk breekt op hoogtepunt van storm.	
9	25/09 10:30:16			watersc...	ol waterschap informatiecoördinator waterschap	Uit eerste inspectie blijkt dat dijk instabiel is. Opdracht is gegeven aan RWS om het schip weg te slepen, dit duurt 2-2,5u (rond 13:00 uur uitgevoerd). Daarna kan schade goed geïnspecteerd worden. Stabiliteit kan niet gegarandeerd worden. Eerste inschatting is dat de kans 30% dat dijk breekt op hoogtepunt van storm.	
8	24/09 19:39:26			LCMS	trainer	LCMS SYNOPSIS	
7	24/09 19:35:17			LCMS	trainer	LCMS SYNOPSIS	
6	24/09 19:35:17			LCMS	trainer	LCMS SYNOPSIS	
5	24/09 19:08:15			watersc...	informatiecoördinator waterschap ol waterschap	Een no-regret noodmaatregel word uitgevoerd. Om een potentiële doorbraak te voorkomen wordt er een ringdijk aan de achterkant van de schade geplaatst met een breedte van ongeveer 50m. De uitvoering van deze noodmaatregel duurt ongeveer 4 uur en bij succesvolle uitvoering verkleint de kans op dijkfalen van 30% naar 10% tijdens de piek van de storm (20:00 uur).	
4	24/09 19:07:02			watersc...		Een no-regret noodmaatregel word uitgevoerd. Om een potentiële doorbraak te voorkomen wordt er een ringdijk aan de achterkant van de schade geplaatst met een breedte van ongeveer 50m. De uitvoering van deze noodmaatregel duurt ongeveer 4 uur en bij succesvolle uitvoering verkleint de kans op dijkfalen van 30% naar 10% tijdens de piek van de storm (20:00 uur).	

COP User interface: other injects for this TTX

- In the Coll. Table
- LCMS synopsis has attachment
  - Select the line and click on the attachment icon
  - And click on view in the popup list







nr	Actie/Besluit (A)/(B)	Tijd	Omschrijving	Actie/besluit voor	Status:lopend/ afgehandeld	Opmerking
1.1	Desicion	13.45	evacuate now	tactical team	openedhhhjd5d0	
1.2	Test	10.25	message1	me	a message	
1.3	test2	now	another msg	me	trace	
1.4	fay				trace4	
1.5	test3	now2	another msg2	me	trace2	
1.6	test4	nwo3	hoho	me	trace3	
1.19					trace19	
1.20					trace20	
1.22					trace22	
1.23					trace23	
1.24					trace 24	

IN-PREP

Thank you for your attention

Any questions?

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