PROMINE

MINING & SURVEYING SOFTWARE

RELEASE NOTES

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Release Notes 2022.11

This document contains the descriptions of new commands and improvements that are included in the **2022.11** version of Promine. These are valid from the release of the version the **September 08th, 2022**.

Copyright

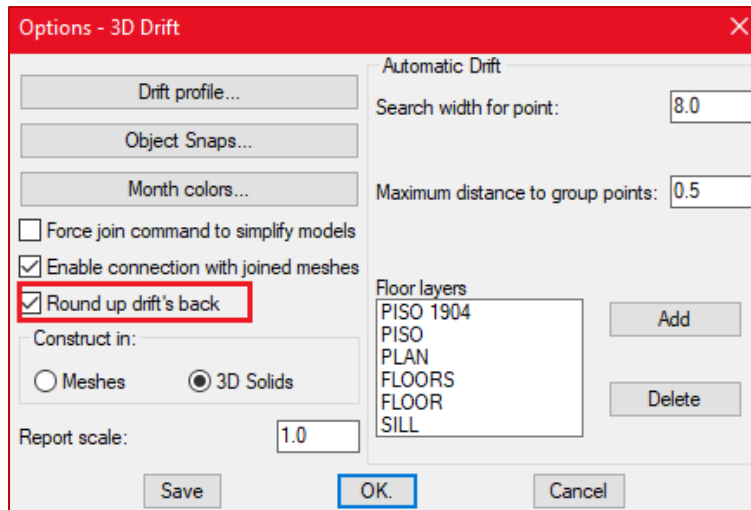# Table of Contents

Improvements
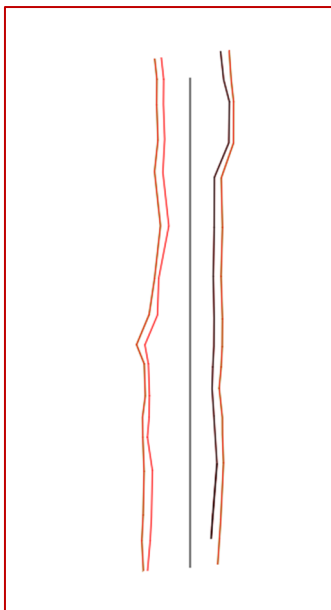
Module: 3D Drift

3DDC – Construct 3D drift

There is a new improvement in the 3DDC command. The user can now round up the back of the drifts for a smoother look.

Steps to use:
1. The user must have the option "round up drift back" enabled.

2. Then the user needs to have the polylines of the drift and the path line for modeling direction inserted to start to construct the 3D drift.

3. The user must then select the command 3DDC and click in the "polylines" button in the window.
4. The user now will be prompted to select the polylines of the walls and hit enter.
5. Then the user must select the modeling polyline in the center of the drift.
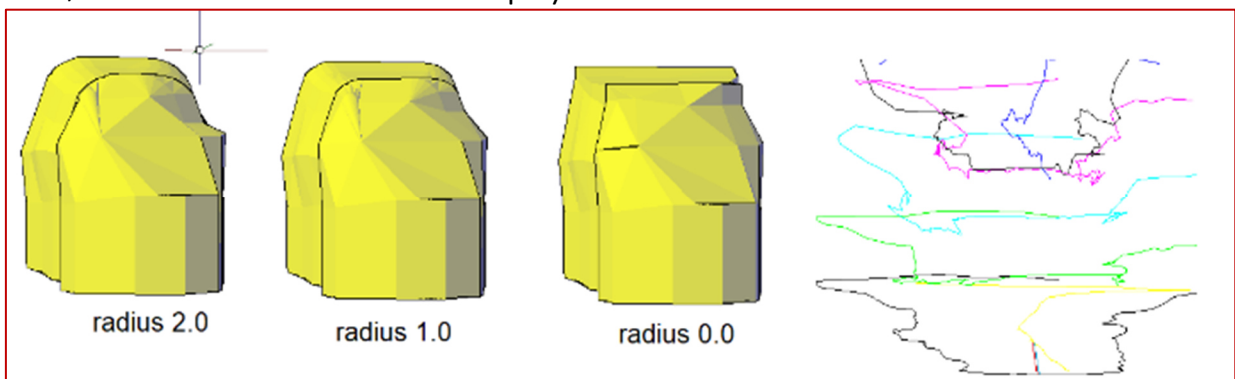6. Then a window will appear asking for the minimum number of points for each section.
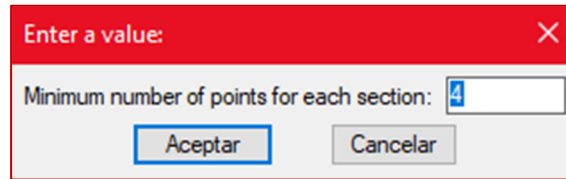
7. Then the software will ask to the user if they would like to project the back polyline
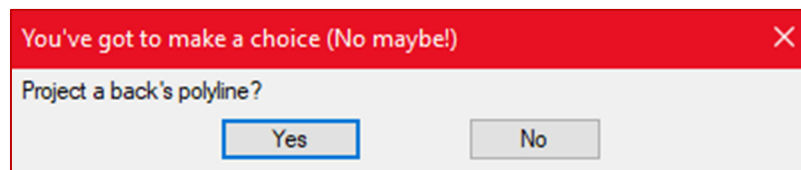

8. Then the user needs to select a rounding radius
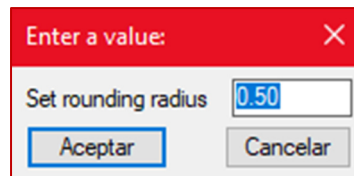
9. Next, the user must select the backs polyline to construct the drift

Notes:
- The option of projecting the back's polyline will give better results, if no polylines exist yet in the top corners of the drift.
- A back polyline that is in the center of the drift will lead to a bad result, as the rounding will happen from the lines selected as back polylines.

- The function permits the user to play with the radius by choosing carefully the polylines that will be part of the drift, as this will change the result.
- To build the drift properly the radius must not be bigger than the distance between the back polyline and the next polyline. For example, in the image below, the radius can not be bigger than 0.87.
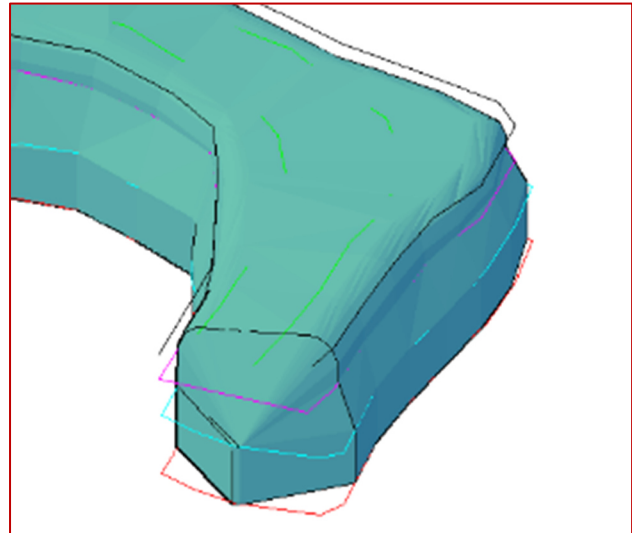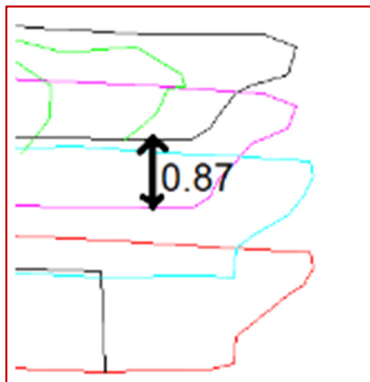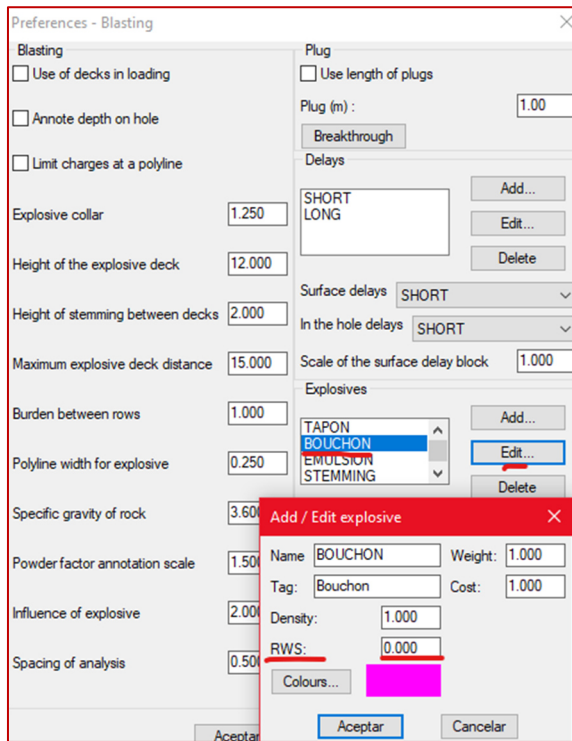

Module: Drill/blast Underground
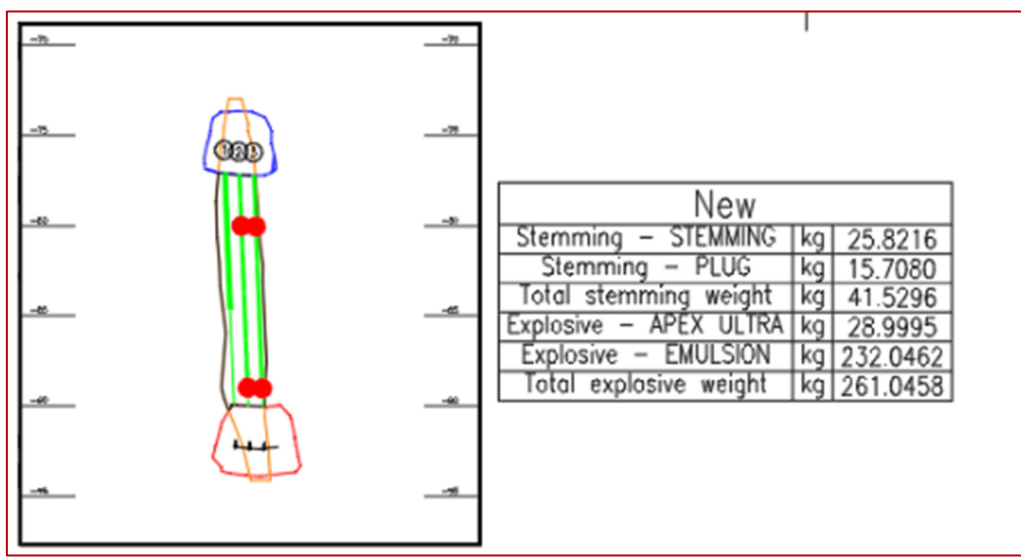
DRISS – Stope Summary

For the DRISS command 2 new options were added into the report. "Stemming" and "Total Stemming Weight" can be now selected in the Summary Stope list.
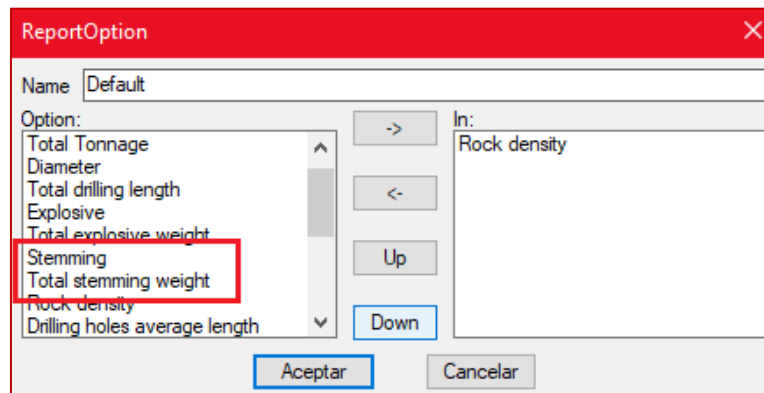
If the RWS value of an explosive is equal to zero, then it is considered as stemming. The stemming can be configured in the Drill/Blast underground options (DRIPREF)

If user chooses Stemming, it will show stemming by type and the weight of each type. If a user chooses Total stemming weight it will add all the stemming weight and show the total.

| New		
Stemming — STEMMING	kg	25.8216
Stemming — PLUG	kg	15.7080
Total stemming weight	kg	41.5296
Explosive — APEX ULTRA	kg	28.9995
Explosive — EMULSION	kg	232.0462
Total explosive weight	kg	261.0458

DRIJAN – Spread holes on the pivot line

The DRIJAN custom command is now in the list of custom commands of the DRI module.
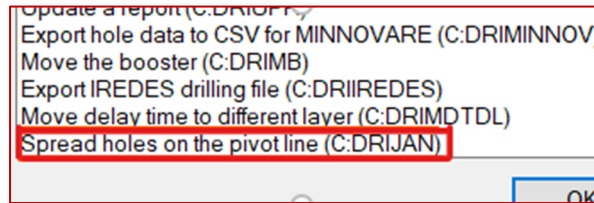
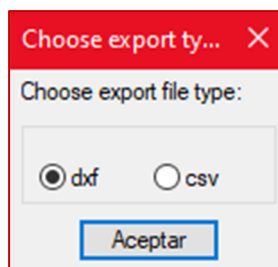Also, the option to update the report was added to the command.
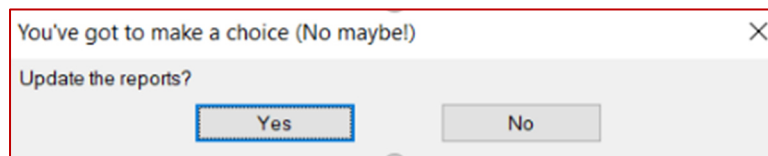
If the user selects "yes" when they are asked to update the report the software will prompt them to select the reports to update and depending on the report other prompts will appear

Module: Water tracking

WATX – Export Water Source

Now the user can choose between exporting water sources in a DXF or CSV file.

The CSV file will always contain everything associated with the selected water source in the database.

Module: Live Survey

LSVH – Measure hole

Thanks to this new improvement in the LSVH command user is now able to modify the hole name directly in the report instead of only in the first dialog box.