

Software Release Notes

dbMap/Web Version 2025.1

dbMap*

PLDB"

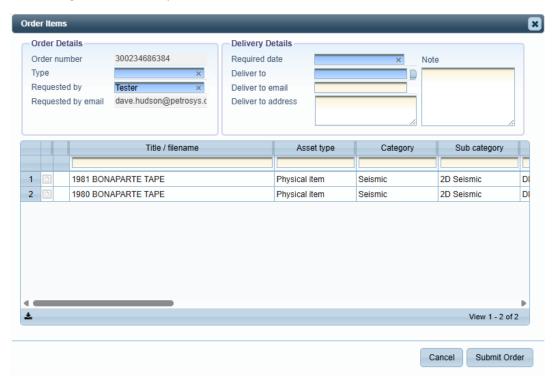
1 Overview

The dbMap/Web 2025.1 release introduces Records Management Orders and Transmittals with full circulation history tracking, enabling easier control of record exchanges. Users can now edit stored SQL queries and reports through the dbMap/Web interface, and the platform has been upgraded with the latest security updates to enhance stability and performance.

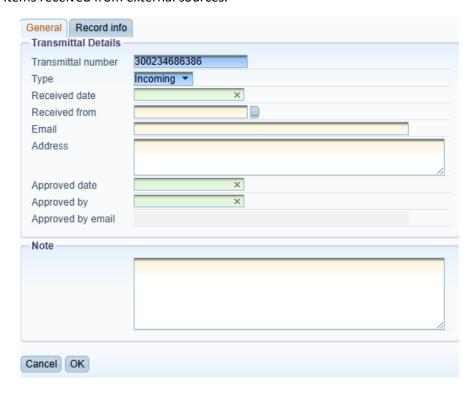
2 Records Management – Orders, Transmittals & Circulation History

A new Orders and Transmittals workflow is now available in Records Management to make sharing and receiving information more streamlined and transparent.

Users can now create orders to request items, while the asset managers oversee approvals and fulfillment. Once an order is approved and sent, a transmittal document is automatically generated to record the exchange. Each order also captures a detailed circulation history, giving full visibility into when and where items have been sent. Automated email notifications keep stakeholders informed throughout the order process.

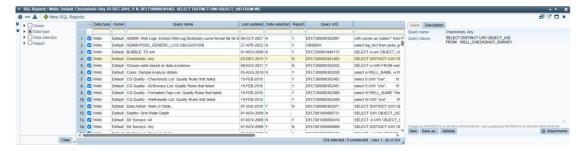


The update also adds support for Incoming Transmittals, allowing you to easily capture and document items received from external sources.



3 Stored SQL Query Editing in dbMap/Web

The new Admin/Reference Tables/SQL Reports option allows you to edit and create new SQL reports and Data selection queries. It has a subset of the functionality from the Petrosys PRO 'Admin/Reports/Edit screen...' focused on dbMap queries specifically.



4 Infrastructure and Security

Alongside the new features, this release delivers important updates to the underlying platform, keeping dbMap/Web current with the latest library versions for enhanced security, stability, and overall performance.

Detailed Release Notes Summary dbMap/Web 2025.1

Enhancements

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Petrosys Release dbMap/Web 2025.1

Detailed Release Notes

dbMap - Administration

Enhancements

GeoServer upgraded in dbMap/Web 2025.1

85647

A new version of GeoServer is being deployed alongside the 2025.1 release of dbMap/Web. See the installation guide for details on deploying.

dbMap - Client

Bug Fixes

Laboratory on the Analysis Report reference screen can now be changed

In dbMap/Web 2024.4 support for changing the Laboratory on the Analysis report reference screen was added. However, some clients did not receive the required database upgrade that went with it. This has now been included for all clients.

dbMap/Web - Administration Enhancements

dbMap/Web 2025.1 licensing - New license file required

To use dbMap/Web 2025.1, a new license file is required. Acquire your license file by logging in to the Petrosys Client Portal or reaching out to Petrosys Support.

Help/About licensing page now shows more information session usage

The license usage section on the Help/About page now includes more information about when dbMap/Web sessions were first started and when they last contacted the server.

dbMap/Web - Administration

Bug Fixes

Support Oracle database service names with embedded '.'

dbMap/Web now supports connecting to Oracle databases with a '.' in the service name. Previously this would give an error.

<u>dbMap/Web - Client</u>

Enhancements

dbMap Oracle spatial upgrade available for clients running Oracle 19c SE2

A separate additional database upgrade package oracle19SpatialUpgrade_2025_1.tar.gz is included for clients running Oracle 19c Standard Edition 2, to upgrade the Oracle spatial component used by dbMap database. This upgrade is required before applying Oracle security patch sets after 19.17. See the upgradeSpatial_README.txt in the package for details or contact support@petrosys.com.au for more details.

NOTE: If this upgrade is not applied before applying the latest patch sets, it could result in errors and invalid spatial objects. This is not required for clients running Oracle Enterprise Edition.

Seismic viewer - added automatic depth-based gain display options 84696

Added the option to automatically adjust the display gain based on the data range of vertically near samples. When enabled, the gain strength and sample depth range can be adjusted.

Amplitude Energy - Updated corporate branding (Amplitude Energy only) 85671

Updated the corporate branding in the Amplitude Energy configuration.

Updated Santos well symbol images for release 2025.1 (Santos only)

85814

Santos custom well symbols have been added to dbMap/Web.

PPL - Updated the corporate logo (PPL only) 86164

Updated PPL's configuration to use their new corporate logo.

Updated MEDCO well symbol images for release 2025.1 (MEDCO only)

86459

Incorporated custom well symbols for Medco.

Wells - Compute BH Location - Fallback to survey TD if well final TD is not populated (Santos only) 84561

Computation of the well BH location has been changed to fallback to using the survey TD if none of the relevant well depths have been populated. A warning is shown in the completion report when the survey TD is used.

dbMap/Web - Client

Bug Fixes

Wells - Fixed a bug when launching the reference screen via the business unit lookup (Santos only) 85271

Fixed a bug launching the 'Business units' reference screen via the 'Admin. business unit' lookup on the 'Wells' screen (Santos only).

Records Management security improved

85749

Security for Records Management has been tightened for clients that have it implemented. Previously, users with restricted access could read directly from the PETROSYS.RM_PHYSICAL_ITEM table using sqlplus, avoiding the security view that was in place. This is now no longer possible.

<u>dbMap/Web - General</u>

Enhancements

SQL Reports and Data selection queries can now be edited in dbMap/Web

4797

The new Admin/Reference Tables/SQL Reports option allows you to edit and create new SQL reports and Data selection queries. It has a subset of the functionality from the Petrosys PRO 'Admin/Reports/Edit screen...' focused on dbMap queries specifically.

Data loading - Descriptions of merge mode have been improved and a warning now displayed when doing a replace 85976

The descriptions on the Merge / Keep / Replace / Replace all options have been improved to help clarify how they will change the data. Also if a user is performing a 'Replace' or 'Replace all' load and have trial run turned off, they are also prompted if they are sure they want to continue.

Reference Tables / Well Log Dictionaries - Added support for user defined dictionary ID's 83056

Added support for user defined dictionary ID's on the 'Admin / Reference Tables / Well Log Dictionaries' screen.

RM - Bulk linking - Now shows more columns when selecting RM items

The list on RM Catalog/Bulk link option available for Wells and other objects, now shows the same details as the Records Management list. Previously it just listed file names that had been cataloged.

Fields - Discovery date added to the panel

85982

'Discovery date' has been added to the 'Fields' panel.

Performance improved for GIS attribute views 8

The GIS attribute views used by the Features panel is significantly faster, particularly for groups that have more than 10 attributes and a large number of polygons. Previously it could take over a minute to display anything or even time out. Now it takes 1-2 seconds.

Records Management - Added support for orders, transmittals and circulation history 84849

A new Orders and Transmittals workflow is now available in Records Management to make sharing and receiving information more streamlined and transparent.

Users can now create orders to request items, while the asset managers oversee approvals and fulfillment. Once an order is approved and sent, a transmittal document is automatically generated to record the exchange. Each order also captures a detailed circulation history, giving full visibility into when and where items have been sent. Automated email notifications keep stakeholders informed throughout the order process.

The update also adds support for Incoming Transmittals, allowing you to easily capture and document items received from external sources.

Third party library security upgrades

85575

Upgraded third party libraries to get the latest security updated.

Unsupported data loaders have been removed 86520

The following unsupported data loaders have been removed from the 'Admin / Data Exchange / Import' screen:

- Well Checkshots
- Well directional surveys
- Well formation tops
- Well header
- Well perforations
- Well Tubing

Wells / Samples - Added analysis report remark to the analysis lists and panels

Added the analysis report remark to the list and panel for all relevant analysis types under the 'Wells / Samples' screen.

Wells / Samples / Gas Composition - Calculation result applied to correct database column 85655

Fixed a bug causing the calculation results on the 'Wells / Samples / Gas Composition' to be written to an incorrect database column. The database scripts for this release include a data fix to move existing data to the correct column.

dbMap/Web - General

Bug Fixes

Deleting GIS groups with lots of attributes is now faster 86260

When deleting a GIS group with lots of attributes it could take a long time to run and potentially time out for very large groups as items were deleted one at a time by the database triggers. The deletes are now performed in large batches making it faster and less likely to timeout.

Wells - Calculations of the well BH location includes updating the associated CRS 86645

When calculating a wells BH location, the CRS associated with the BH location is also updated to ensure it remains in sync with the SH CRS.

Export - Fixed 'Include parent data (denormalised)' export option 86112

Fixed a bug causing an error when the denormalised export option was selected when exporting data from a grid in dbMap/Web.

Wells / Production - Single and multi well charts consistently handle NULL values 86279

Production charts launched via the 'Wells' (multi well) and 'Wells / Production' (single well) have been updated to be consistent when displaying data that include 'NULL' value.

Fields - Field type changes are saved to the database 86724

Fixed a bug preventing 'Field type' being set on the 'Fields' screen.

Well header loader - Removed support for CURRENT_STATUS_DATE database column 86610

The CURRENT_STATUS_DATE columns has been removed from the 'Well header' loader template and is ignored if the column is manually added to the template. The column is not used by the application and can cause confusion when populated and not in sync with the WELL STATUS records for the well.

SeismicSurvey / Seismic Lines / RM Catalog - Fixed RM Bulk Link option

Fixed the 'Bulk link files' option on the 'Seismic Surveys / Seismic Lines / RM Catalog' screen.

Fields - Removed duplicate 'Field type' columns from the list 86722

Removed duplicate 'Field type' columns from the 'Fields' list.

Single Sign On - Fixed handling of expired authentication tokens 86697

Fixed a bug causing the user to see errors if their single sign on authentication token had expired. The user will now be redirected to the login screen with a message indicating that their session has expired.

Working Area - Fixed bahviour when resizing the dialog 85608

Fixed the layout of the 'Working Area' dialog when it is resized by the user.

Admin / Reference Tables / PPDM - General reference list is sorted in alphabetical order

The 'General Reference' list of reference tables under 'Admin / Reference Tables / PPDM' is now in alphabetical order.

Audit history archive job performance improvements86257

The Audit history database job to archive old values has had its performance significantly improved. If there were millions of records management and audit history records the job could take days, and now it only takes an hour or two.

GIS / Features list populated when the feature has no attributes 86651

Fixed a bug causing the 'GIS / Features' list to be empty if there were no attributes defined for the features.

Note added to list footers if more than 1.5M rows are being shown 86335

A note is now displayed at the bottom of lists if there are more than approximately 1.5 million rows being displayed. Note not all results will be shown in the list for very large search results due to browser limitations but the results can be further filtered and exported.

Records Management - Consistent filter option on all RM Catalog screens

86429

The 'RM Catalog' screens shown under various data types withing the application now share consistent filter options to the main records management screen.

Records Management performance improvements 86475

Performance improvements have been made for the following options in the Records Management module:

- Using a saved selection list
- > Filtering by Keywords
- Filtering by Source
- > RM Cron process

RM / Wells - Fixed panel display issue

85237

The Well header panel shown underneath Records management no longer displays the well name twice, and you can see Permits assigned to the well. This same issue has been fixed for the Well header panel underneath the GIS/Basins, Fields and Permits options.

Well Spec Card / Well Details - Fixed error shown when loading the screen

84878

Fixed a bug causing a number format error on the 'Well Spec Card / Well Details' screen.

dbMap/Web - PLDB

Bug Fixes

PLDB - Resource Computation - Improved validation of numeric values

83920

Improved validation of numeric values on the PLDB Resource Calculator to detect when a numeric values has been entered with multiple decimal points.