

HWM WebCorr App v1.01 Release Notes

Introduction

This document is designed to outline the changes that have taken place for the new release of the HWM WebCorr App. Only the major changes will be described (for example new features, changes to processes, and major User Interface [UI] changes). Minor changes (such as colour change, text change, back-end improvements) will not be detailed in this document, but may be listed at the bottom, under the section **Other**.

The screenshots for this document have been produced using a Samsung J5 (2017) running Android 7. The app has been designed for Android phones running Android 5 (Marshmallow) and above, and should appear in a similar fashion on other Android versions.

[NEW] Recordings listed in Database page

Following a sound recording operation, the user can either immediately listen to the recordings that have been immediately downloaded, or can navigate to the Database page (under the Recordings tab) to view, listen, and upload any previous recording (Figure 1).

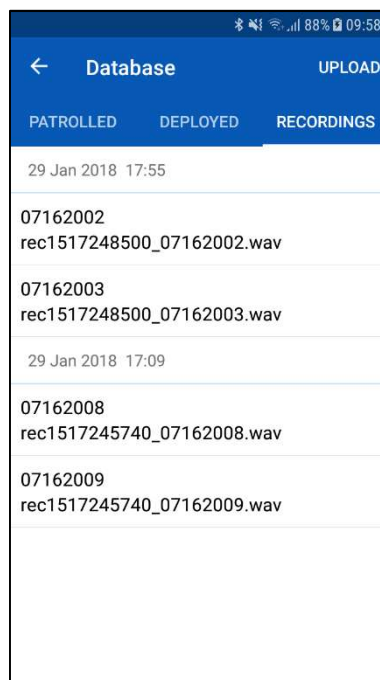


Figure 1 – List of recordings that are saved onto the phone.

To play a sound recording, the user must tap on the selected recording. When a recording is playing, the text **(Playing)** will appear.

[NEW] Patrol Window Optimisation

To conserve battery life, the Patrol Window of the Permalog family products is optimised to a maximum window size of 8 hours. In the new update, the user will have the option to choose from the presets available, or customise a time to suit their preferences (Figure 2).

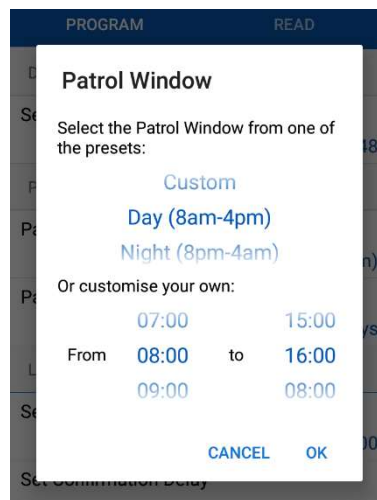


Figure 2 - Patrol Window configuration can be customised.

[NEW] Support for Imperial Units

There is now an option to choose imperial units over metric when doing correlation. To toggle this option, the user must navigate to the **App Settings** menu, and tap on the **Units** option (Figure 3). The unit type displayed is the unit type used.

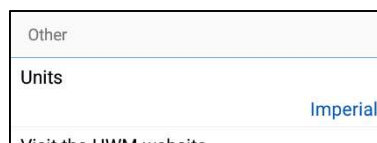


Figure 3 - Location for setting the units type in the **Settings** page.

From Figure 3, measurements will be displayed in imperial units in the **Correlation** page (Figure 4).

Diameter	3" (75mm)
Segment length (feet)	750
Velocity (ft/sec)	4330.71
Lower bandpass Frequency (Hz)	

Figure 4 - Result of setting the units type to **Imperial**.

Other

Other improvements and fixes include:

- Correlation can now be done offline
- Login Configuration shows ticks/crosses for pass/fail scenarios
- Improved URL determination algorithm
- Other UI/UX fixes and improvements
- Other bug fixes and improvements