

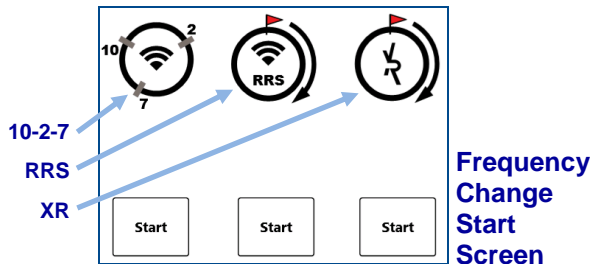
DigiTrak® AURORA™ App

Frequency Change

Overview

DCI dual frequency transmitters can change their frequency or mode down-hole using different rotation sequences. The Aurora™ display Frequency Change app guides the drill rig operator through these sequences.

When each sequence is complete, remember to select the new frequency or mode on the receiver (hold toggle right at the Locate screen for the transmitter shortcut menu).



Tap **Start** below the desired sequence to begin.

Using 10-2-7

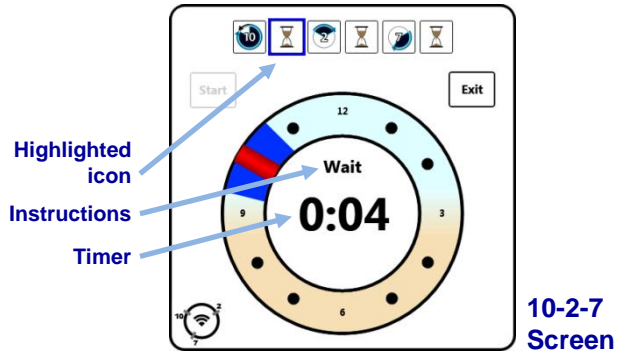
The 10-2-7 roll sequence requires reliable roll data.

If Roll Offset (RO) is enabled, Aurora will need the RO value; on an F5® receiver, open the Settings menu and highlight the Roll Offset icon to see the offset value.



Tap or drag on the roll indicator in the app to select the roll offset value, then tap **Start**. Tap **Start** again on the 10-2-7 screen and roll the transmitter within the allotted time to the flashing blue band at the 10:00 position, then wait as instructed.

Follow the highlighted icons, onscreen instructions, and timer to complete the sequence: roll to 2:00 and wait, then to 7:00 and wait. When the procedure is completed successfully, the 10, 2, and 7 positions will all be marked dark blue.



Using RRS

Use the RRS roll sequence to change frequencies down-hole with a newer DigiTrak transmitter (s/n 30070000 and later) or when no roll data is present.

Begin by rotating the drill head for about 10 seconds as instructed, stop and mark the drill rod, then tap **OK**. Tap **Start** on the RRS screen and follow the instructions and highlighted icons to wait, make one complete clockwise rotation (± 1 clock position), and tap **Start** to continue. Repeat as prompted to complete the sequence.

Using XR

Use the XR sequence to switch an XR-capable transmitter between Normal and XR mode.

This procedure is identical to the RRS method described above, with the addition of one extra rotation.

Notes

- Complete required rotations within the time allotted. If the sequence times out, simply restart.
- After changing the transmitter frequency or mode, remember to also select the new frequency or mode on the receiver.

To stay informed about important updates to your Aurora display and apps, register at access.DigiTrak.com.

DCI delivers the industry's best walkover locating experience.