

## Technical Note

# RECONFIGURING THE HEARTSTART ONSITE/HOME/HSI TO MEET AHA 2005 GUIDELINES

## BACKGROUND

All existing HSI series defibrillators (OnSite, Home, HeartStart) can be reconfigured by the user to adapt to the pertinent AHA 2005 Guidelines. Medical directors should consider their programs and – if the decision is made to reconfigure the defibrillator – train users to the new protocol before revising the defibrillator settings.

The following modifications to default configuration will allow the HSI to meet the Guidelines. These changes will override any previous changes.

PARAMETER	NEW SETTING	CHANGE
Shock Series	1	Changes the 3-shock sequence to a 1-shock sequence.
Protocol Pause Timer	2.0	Changes the protocol pause interval to 2 minutes. The pause automatically starts after voice instruction is given when a shock series is completed. After the pause, the defibrillator returns to rhythm analysis.
NSA Timer	2.0	This changes the CPR time after a No Shock Advised decision to 2 minutes.
NSA Pause Type	Standard NSA Pause	Modifies the behavior of the HeartStart so that it does not perform rhythm analysis during the NSA pause.
CPR Prompt	CPRI (short prompt)	Shortens the voice prompts after a shock by eliminating the instructions to check for circulation and breathing. The longer prompts will still be given after a No Shock Advised decision. This change also turns off CPR Coaching.  <i>NOTE: For customers who require short prompts after both Shock and No Shock Advised decisions and CPR prompts with a 30:2 compression/ventilation ratio, a revision to defibrillator software will be made available in the future.</i>

## METHOD

Reconfiguring the HSI series defibrillators requires use of data management software\* available from Philips. Either of two software packages can be used:

- M3834A Philips HeartStart Event Review 3.2

This software is for use on a personal computer (not provided) with infrared communication (IrDA) capability or using an IrDA cable such as the Philips HeartStart ACT-IR. Instructions for changing the protocols are detailed in the Instructions for Use included with the Event Review software.

- 989803143041 Philips HeartStart Configure 1.0

This software is for use with a handheld computer using Palm OS. Instructions for changing the protocols are detailed in the Instructions for Use included with the HeartStart Configure software.

Please contact Philips Medical Systems at 1-800-263-3342 (or your local Philips office) if additional assistance is required.

---

\* In the U.S., purchase of configuration software requires a physician's prescription (if not previously provided).