

## 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 major elements of American Heart Association Guidelines 2005, with the exception of certain voice instructions. Customers who require short prompts without circulation checks after both Shock and No Shock Advised decisions and CPR prompts with a 30:2 compression:ventilation ratio, may call Philips regarding a revision to defibrillator software.

Philips expects to be shipping OnSite/Home/HSI Defibrillators with software designed for default configuration compliance with the AHA Guidelines 2005 in the summer of 2006. Customers who purchased these defibrillator models before publication of the Guidelines (11/28/05) are invited to exchange their devices for reprogrammed units for a nominal service charge (order p/n 861335, expires 12/31/07). Customers who purchased these defibrillator models after publication of the Guidelines (11/28/05) are eligible to exchange their devices for reprogrammed units at no cost (order p/n 861334, expires 12/31/06).

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 current HSI units to conform to the major elements of the Guidelines. After modifying device configuration, verify that the new settings are in effect; 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.

PARAMETER	NEW SETTING	CHANGE
CPR Prompt	CPRI (short prompt)	Shortens the voice prompts after a shock by eliminating the instructions to check for circulation and breathing. <i>NOTE: This change also turns off CPR Coaching.</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 (not provided) 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).