➢ *Chapter Three*

Interfacing MusicMaster and the UDS II

This chapter is *not* a substitute for the *MusicMaster User Manual.* In fact, while all steps in this chapter are outlined clearly, it presumes you have at least some degree of familiarity with the MusicMaster music scheduling software.

Please read the *MusicMaster User Manual* before proceeding with this chapter. Don't worry, we'll wait right here. Remember: No cheating, there will be a pop quiz on this material later. Yes, *really*.

Done? Great. Let's get right down to business.

You Are Here → ✖

By this time, you should have already unpacked, assembled, and thoroughly tested the UDS II system hardware. The hardware is often said to be the "body" of the system. If this is true, then the software is the UDS II's "mind."

The Utilities for the UDS II software, the MusicMaster music scheduling software, and your traffic and billing software all work together to create a complete, integrated schedule of every event you will play on the air. The integrated schedule is called a *playlist.* The UDS II stores information about each song in your playlist in a special file called a *music library* or *database*.

This chapter guides you in the creation of these critical files and on the use of the Utilities for the UDS II package. The preceding two chapters of this manual took you step-by-step, in a linear stream of instructions, through the UDS II hardware assembly process. Due to the more complex nature of the MusicMaster/UDS II software interface, this chapter digresses occasionally to explain the functions of a feature of the Utilities for the UDS II that you are using at that time.

Don't panic. Every step is covered in great detail, and you will be told which sections of the Utilities are mandatory and which are optional but handy for best UDS II operation. You need not absorb every detail of these optional features on your first reading of this chapter. You should re-read this chapter after the UDS II is up and running to gain a better understanding of how the Utilities can make using your UDS even easier.

What You Need to Get Started

Software

MusicMaster music scheduling software (version 2.0 or later)

Utilities for the Ultimate Digital Studio II software (version 9.5y or later)

Ultimate Digital Studio II control software (version 2.20a or later)

Hardware

UDS II hardware package   (assembled per instructions in chapter two)

RadioSuite HD hardware package   (assembled per instructions in RadioSuite HD manual)

Computer for MusicMaster music scheduling

Several blank diskettes   (must fit both the MusicMaster and the UDS II computers)

VERY IMPORTANT: The MusicMaster computer and the UDS computer *must* have at least one identical diskette drive. For example, if the UDS computer uses only 3½" 1.44 MB diskettes, the MusicMaster computer *must* also have a 3½" 1.44MB diskette drive.

Miscellaneous

A telephone next to the computer (for installation codes and technical support)

Notepad and pen (you will probably want to take some notes along the way)

Approximately three hours of your time (for self-guided training and setup)

Introduction

A-Ware Software's MusicMaster and On Air Digital's Ultimate Digital Studio II (UDS II) can and do work well together. Just a few moments of your time are required to read this document. Additional time should be allocated for possible MusicMaster data entry modification as well as set up and configuration.

Please remember that On Air Digital is a separate entity from MusicMaster and A-Ware Software. Questions that deal directly with the operation and optimization of MusicMaster are not within the province of On Air Digital. For example, On Air Digital is unable to deal with issues such as, "Why did MusicMaster schedule two songs by Mariah Carey this hour?" Likewise, MusicMaster and A-Ware cannot be responsible for issues that are purely UDS II related, such as, "How do I enter breaknotes to play a weekend countdown show?"

A-Ware Software and On Air Digital have a cooperative working relationship and it is in the interest of both companies that your UDS II system work well with MusicMaster. Each company does have its own area of expertise, and if On Air Digital tells you, "That's a MusicMaster issue," it isn't because of a desire to "pass the buck," it is because the people associated with MusicMaster are better equipped to address your concerns.

This document assumes that you have already installed MusicMaster Version 1.3 or greater on your computer, and that you are familiar with the operation of MusicMaster, including navigation through its screens and menus, music database entry, scheduling and how to set up its testing parameters, particularly how to enable machine separation.

Before continuing, you must have installed two *very* important program files as part of your MusicMaster system:

LOG2ASC.EXE   MS2ASC.EXE

These files are included on every set of MusicMaster diskettes but are not installed by default.

The files can be accessed via the MusicMaster Setup program by selecting "Install Automation Utilities" on the Installation menu. Once these files have been installed on the MusicMaster computer, they are automatically updated each time the user installs a later version of MusicMaster software.

MusicMaster configuration

These steps should be taken prior to installing your Utilities for the UDS II software. If a trainer from On Air Digital is scheduled to assist with system setup and the training of your staff, these steps should take place before the trainer arrives.

Please have your MusicMaster User's Manual handy as you work on this section.

1. **Enter a unique song identifier, the cart number plus a -00 suffix, for each song to be played in UDS II in MusicMaster's "Disc" field.**

   For UDS II to find each song, your music library data must be entered so that the Disc field is formatted like this template, where "dddd" is the cart number, containing exactly four characters, followed by –00 (dash zero zero) to mark this as a song.:

   <div align="center">

   dddd-00

   </div>

   Properly formatted song identifiers include the following examples:

   ```
   1019-00    XA4Z-00    AA14-00
   KESD-00    2345-00    JMS5-00
   ```

   Improperly-formatted examples:

   ```
   U 11-00     (Spaces in cart number are not permitted)
   86756-00    (More than 4 characters in cart number)
   2405        (No –00 suffix)
   SX51=00     ('=' used as separator instead of '-')
   H121-101    (Suffix not -00)
   1234-A0     (Suffix must be -00, not a letter)
   ```

   Make certain that each song identifier in the music library is unique. UDS II uses the song identifier to create an index key in its database. MusicMaster uses a record number-based system to maintain its song entries. As a result, it is possible to have two or more different songs with the same song identifier in the Disc field in MusicMaster's music library. MusicMaster will not show this as an error, but it will cause the UDS II's "unique key" index method to retain only one of these songs in its music database

   > **Note:** Because MusicMaster allows both letters and numbers in the Disc field, a frequent source of problems involves entering an OO (oh oh) instead of a 00 (zero zero) for the suffix. The Utilities for the UDS II expect the suffix number to be just that, a number. If you ever generate a schedule that shows a song with a suffix other than zero and it appears to be correct in MusicMaster, carefully check the entry in MusicMaster, paying particular attention to the Disc field and making sure there is not an "oh" where a "zero" was intended.

MusicMaster Configuration, continued

2. **Enter the source number for each song in MusicMaster's Cart Number field.**

   You must enter the UDS II audio source number in the MusicMaster "Cart Number" field for each song in the music library. This tells UDS II, in part, where to find each song. This number is typically "1" for UDS II/RS-HD systems.

   The number you enter *must* match the *lowest* of the RS-HD sources. (If your UDS II is operational, you can easily determine the RS-HD sources by pressing ⬚ from the UDS II's F4 schedule editor. Otherwise, refer to the "equipment file" paperwork shipped with your UDS II.)

   For example, if the configured RS-HD sources are 1, 2, and 3, then *all* RS-HD songs in your MusicMaster music library must have a "1" in the "Cart Number" field.

3. **Disable Media protection in MusicMaster to prevent scheduling problems.**

   Before creating your first schedule for UDS II, be sure to disable the Media Protection test for *Matching Cart Protection.* This test ensures that MusicMaster will not attempt to separate these sources as it would for a CD-based music storage system. Erase any entries from the "Number of Significant Characters" and the "Protection" fields."

   📖 For more information about Media Protection configuration in MusicMaster, please see "Music Coding Maintenance—Media Protection" beginning on page 116 of the *MusicMaster User's Manual*.

4. **Enter segue instructions for each song in MusicMaster's Song Ending field.**

   All audio files stored on a RadioSuite HD system have an EOM mark that causes the UDS II to segue upon detection of the mark. If you have been running a CD-based music storage system, you might have used this field to mark songs as "time compare" but for these UDS II/RS-HD systems those codes are now obsolete.

   These are the only valid ending codes for songs playing from RS-HD:

        C   (For use with songs that end *COLD*)
        F   (For use with songs that *FADE*)

MusicMaster Configuration, continued

5. Construct UDS II breaknotes in accordance with the grammar and syntax shown in this chapter, beginning on page 3-8.

The UDS II uses breaknotes to control its time-update functions, to incorporate non-music digital audio events, and various other external events. The scheduling of breaknotes is done in MusicMaster's clocks, using the breaknote commands, which are explained beginning on the next page.

The use of breaknotes allows you to preset certain places in each hour for an event or stopset to occur. Regular breaknotes occur at a specific *position* in the schedule. Time-specific breaknotes occur at a specific *time* in the hour.

> **Important!** Be sure to set each UDS II breaknote up as an "S" (Stopset) element in the MusicMaster format clock editor. The UDS II will not recognize breaknotes configured with the "L" code for LogNotes.
>
> To insert breaknotes in MusicMaster's clocks, see "Format Clock Maintenance" beginning on page 169 of the *MusicMaster's User's Manual*.

UDS II Breaknote Commands

You can use breaknotes to tell the UDS II to perform a variety of actions, or events. However, it is necessary to use special breaknote codes, or commands, to schedule these events. With the following explanations and examples (and a little practice), you can easily harness the full resources of MusicMaster and UDS II.

There are two major types of breaknotes—those that occur at a specific *position* in the schedule and those that occur at a particular *time* in the schedule. Breaknotes based on a specific position are executed as they come up in the natural sequence of the schedule. Time-specific breaknotes are stored in a special holding list (or *array*) and executed at the scheduled time even if their original position in the schedule is not "next to air" at that time.

The following is an example of a time-specific breaknote. It tells UDS II to carry out a time-specific event—turn on utility relay four at 20 minutes past the hour, for a duration of 10 seconds.

<p align="center"><code>~10 ^84 :20:00 [4]</code></p>

That looks a bit complicated. However, if we separate the breaknote into its component parts, it is not as complicated as it looks.

> `~10` tells UDS II that the relay should be turned on for 10 seconds.

> `^84` identifies this as a breaknote that turns on a utility relay.

> `:20:00` specifies that the relay should be activated at exactly 20 minutes past the hour.

> `[4]` identifies utility relay 4 as the relay to turn on at 20 minutes past the hour.

The syntax for utility relays will be covered in more detail later in this section.

A time-specific event occurs at the number of minutes and seconds specified past the top of the hour in which the event is scheduled. For example, if this breaknote is placed in the 1:00 p.m. hour, utility relay four will be switched on at 1:20 p.m. If the same breaknote is placed in the 4:00 a.m. hour, the relay will be switched on at 4:20 a.m.

The following list covers breaknote commands for UDS II, explains each command, and illustrates the syntax (format) of each. The list will be followed by examples, notes, and a handy reference chart.

UDS II Breaknote Commands, continued

Breaknote Syntax

~ **(Tilde)** **"The length of this event, in seconds, is..."**

Format: **~S**

        where *S* is the approximate length in seconds

Example: ~120

This does not necessarily mean the event must *run* for exactly 120 seconds–it only lets the UDS II know the approximate duration of the event. This allows the UDS II to keep the scheduled-at time better synchronized with the real world.

^ **(Caret)** **"The *mandatory* UDS II source number is..."**

Format: **^N**

        where *N* represents the Source Number

Example: ^3

This tells the UDS II that this event uses source number nine and cannot be automatically deleted by the source 81 non-destructive *time-update* feature. Time-update works to keep the UDS II on schedule by deleting surplus events at scheduled times.

> **IMPORTANT!** UDS II sources are determined by your UDS II equipment file. While source 10 is always pre-configured as the "live studio" source and source 3 is often configured for non-music digital audio playback, your UDS II may vary. Check the equipment file printout included with your system documentation for your system's configuration.

Sources 01 through 69 are reserved as normal UDS II audio input sources. Source 80 is used for simple network recording. Sources 81 through 83 and source 90 are used for time-update commands. Sources 84, 85, 94, and 95 are used to turn utility relays on and off. Sources 86 through 88 and source 96 are used to automate system start-up and shutdown. Source 98 displays informational text message on the UDS II main screen. Source 99 is used for spot-catchers, a special type of breaknote used for the merging of your traffic and music logs.

UDS II Breaknote Commands—Breaknote Syntax, continued

@   (At Sign)   "The *non-mandatory* UDS II source number is..."

Format: **@N**
                where *N* represents the Source Number

Example: @3

This tells UDS II that this event uses source number 3 and that this event may be deleted by any type of time-update removal by the UDS II.

> **IMPORTANT!** Do not use the @ with a spot-catcher (UDS II Source 99). That would permit commercials gathered in by the spot-catcher to be subject to source 81 non-destructive time-update removal by the UDS II.

{} (Brace Pair)   "Play this digital audio cart."

Format: **{nnnn}**
                where nnnn is a four-character alphanumeric cart identifier

Example: {F701}

This instructs the digital audio playback device to play cart number F701.

> **IMPORTANT!** The cart identifier *must* be exactly four characters. The characters must be letters or numbers or any combination thereof.

*   (Asterisk)   "Do *not* schedule this cart unless spots are caught by the spot-catcher immediately following this event."

Format: **{*nnnn}**
                where *nnnn* is a four-character alphanumeric cart identifier

Example: ~30 ^3 {*5002} Station Promo
                ^99 :35 :57

This adds cart 5002 to the merged schedule *only* if spots are actually caught by the spot-catcher immediately following this expression. If this spot-catcher doesn't catch any spots, this item *will not* play. You may also use the asterisk with a *rotating breaknote* (as described on the following page). However, the cart number continues to increment each time this line appears even if no cart is scheduled.

UDS II Breaknote Commands—Breaknote Syntax, continued

:   **(Colon)   The colon has two different breaknote uses.**

When a colon is placed inside a brace pair, it means: **"Rotate this list of digital audio cart numbers, inclusive."**

Format: **{bbbb:eeee}**,
            where bbbb is a four-digit beginning cart number
            and eeee is a four-digit ending cart number.

Example: {1701:1709}

The UDS II Merge program, part of the Utilities for the UDS II, combines your music and traffic logs into a single playlist that the UDS II uses to control all aspects of system operation and audio playback. This "rotate" function allows you to cycle through a consecutive sequence of digital audio cuts such as jingles or sweepers. The example above will rotate a list of digital audio carts from 1701 through 1709.

IMPORTANT! While a cart number may normally contain letters, cart numbers you wish to rotate must use only *numbers*.

This cart number is automatically incremented by one each time this breaknote is encountered during the merge process. In addition, the Merge program remembers the last cart number scheduled from day to day, thus permitting you to stagger the rotating carts. When using rotating cart numbers, make sure that the digital audio system contains a cart for each number in the sequence.

When a colon is used in conjunction with a **spot-catcher** (^99), it indicates the time-range for the Merge program to consider when gathering spots from the commercial log.

Format: **^99 :BM :EM**
            where *BM* is the beginning minute and *EM* is the ending minute of the
            time-range

Example: ^99 :00 :17

This alerts the UDS II Merge program to gather in all spots logged between :00 and :17 minutes after the hour, inclusive, for playback in this break. The ^99 indicates this command is a spot-catcher.

IMPORTANT! It is vital that you account for every possible spot break in every hour. You must arrange spot-catchers to cover every possible time (every minute in every hour, from :00 to :59, inclusive) when a spot could possibly be logged.

UDS II Breaknote Commands—Breaknote Syntax, continued

<   (Less Than)   When this immediately precedes the text description of a breaknote event, UDS II treats this item as a *time-compare event.*

> **CAUTION:** This should *never* be used with a digital audio hard-drive event. This interferes with the serial-data EOM signal returned by the RS-HD and may cause the event to segue prematurely. It is best suited for events that do not send an end-of-message signal of any kind. This flag is also very useful for live events where a fixed or limited time is desired.

Format: **<TEXT**
    where *TEXT* represents the text you type in for your breaknote

Example: `~120 ^10 <LIVE NEWS BREAK`

This tells the UDS II to put source number 10 on the air for *exactly* 120 seconds, or until `PRTSC` is pressed, whichever comes first. The UDS II displays the message `LIVE NEWS BREAK` in both the schedule and on the UDS II screen when this event airs.

UDS II Breaknote Commands, continued

Breaknote Source Number Commands for Time-Specific Events

80 Simple Network Recording

Format: `^80 :MM:SS {dddd}`

where `:MM:SS` is the update time, in minutes and seconds past the hour
`MM`=Minutes, from 00 to 59
`SS`=Seconds, from 00 to 59
`nnnn`= four-character digital audio cart number

Ten seconds before the current time-of-day matches the time specified in the breaknote, UDS II will instruct the RadioSuite HD to prepare to begin recording at exactly the time specified. Length of the recording and other factors are set in the Cart Properties for the referenced cart using RadioSuite Explorer.

81 Non-destructive Time Update

Format: `^81 :MM:SS`

where `:MM:SS` is the update time, in minutes and seconds past the hour
`MM`=Minutes, from 00 to 59
`SS`=Seconds, from 00 to 59

When the current time-of-day matches the update time specified in the breaknote, UDS II will attempt to remove all events between the on-air event and the event immediately following the time-update breaknote.

If mandatory events are encountered by the non-destructive time update, they are not removed. It is a good idea to use non-mandatory breaknote codes for sweepers and other elements you wish removed when the surrounding songs have been stripped by the time update function. This will result in a cleaner on-air sound and more realistic automation.

82 Destructive Time Update

Format: `^82 :MM:SS`

where `:MM:SS` is the update time, in minutes and seconds past the hour
`MM`=Minutes, from 00 to 59
`SS`=Seconds, from 00 to 59

When the current time-of-day matches the update time specified in the breaknote, *all* events between the on-air event and the event immediately following the breaknote are dropped. The event following the breaknote is moved into the next-to-air position but does not start until the event on the air had played to conclusion. Both mandatory and non-mandatory events are deleted by the destructive time update command.

UDS II Breaknote Commands—Time-Specific Events, continued

83   Update and Advance

Format: **^83 :MM:SS**

   where   *:MM:SS* is the update time, in minutes and seconds past the hour
            MM=Minutes, from 00 to 59
            SS=Seconds, from 00 to 59

When the current time-of-day matches the update time specified in the breaknote, all events between the on-air event and the event following the breaknote are deleted. The on-air event is faded out, and the event following the breaknote is immediately placed on the air. This command is useful for network joins or where a particular audio source must be turned on at a specific time.

84   Utility Relay On

Format: **~DD ^84 :MM:SS [R]**

   where   *~DD* specifies the duration in seconds, up to and including 3600 seconds, for the relay to remain on. If no duration is specified, the relay remains on until a UDS II command 85 or 95 (relay off) is processed. See breaknote command 85 below for more information.

            :MM:SS is the time, in minutes and seconds past the top of the hour, when the relay is to be activated.
            MM=Minutes, from 00 to 59
            SS=Seconds, from 00 to 59

            [*R*] Specifies the desired utility relay, from 1 to 4, inclusive.

When the current time-of-day matches the time specified in the breaknote, the utility relay is turned on. If a duration is given in the breaknote, the utility relay will remain on for the specified duration, in seconds, then turn off. If no duration is given, the relay will turn on and remain on until a breaknote command 85 or 95 is processed.

You may activate multiple relays with one breaknote. The relays will be simultaneously activated for the same length of time unless individually deactivated by a command 85 or 95.

Activate multiple relays by stacking the desired utility relay numbers as in this example:

   ~240 ^84 :25:00 [1] [3]

This example activates utility relays #1 and #3 at 25 minutes past the hour. Unless turned off by a command 85 or 95, these relays will each remain on for four minutes.

UDS II Breaknote Commands—Time-Specific Events, continued

85   Utility Relay Off

Format: **^85 :MM:SS [R]**

where   *:MM:SS* is the time, in minutes and seconds past the top of the hour, when
the relay is to be turned off.
MM=Minutes, from 00 to 59
SS=Seconds, from 00 to 59

[R] specifies the number of the utility relay to be turned off, from 1 to 4,
inclusive. Multiple relays may be turned off simultaneously with multiple
[R] commands.

When the current time-of-day matches the time specified in the breaknote, the utility
relay (previously turned on with breaknote command 84 or 94) is turned off.

86   System Stop

Format: **^86 :MM:SS**

where   *:MM:SS* is the time, in minutes and seconds past the top of the hour, when
UDS II is to be placed in Stop mode.
MM=Minutes, from 00 to 59
SS=Seconds, from 00 to 59

When the current time of day matches the time specified in the breaknote, UDS II enters
Stop mode. The system will stop after the current on-air event concludes.

87   System Start (Live Control Mode)

Format: **^87 :MM:SS**

where   *:MM:SS* is the time, in minutes and seconds past the top of the hour, when
UDS II is to be placed in Live Control mode.
MM=Minutes, from 00 to 59
SS=Seconds, from 00 to 59

When the current time of day matches the time specified in the breaknote, UDS II will
advance the schedule to the proper time of day, cue the next scheduled event in the Next
to Air window, and go into Live Control (standby) mode. To start the system, press
either the PRTSC or the remote start button. The event will play to completion and the
system will remain on "standby" until the PRTSC or the remote start button is pressed. If
you wish the system to continue playing events as scheduled, press F2 to toggle the
UDS II into AutoSegue mode.

UDS II Breaknote Commands—Time-Specific Events, continued

88   System Start (AutoSegue Mode)

Format: `^88 :MM:SS`

> where   `:MM:SS` is the time, in minutes and seconds past the top of the hour, when
> UDS II is to be started in AutoSegue mode.
> `MM`=Minutes, from 00 to 59
> `SS`=Seconds, from 00 to 59

When the current time of day matches the time specified in the breaknote, UDS II will advance the schedule to the proper time of day, cue the next scheduled event in the Next to Air window, and start that event as soon as it is ready. Events will continue to play as scheduled until a live studio or other event halts the UDS II.

89   Load Hotkey Files

Format: `^89 :MM:SS FILENAME.DHK`

> where   `:MM:SS` is the load time, in minutes and seconds past the hour
>
> `FILENAME.DHK` is the name of the hotkey list to be loaded

This loads a hotkey list into memory so the UDS II may access a specific set of digital audio carts without manual intervention. This list name must be between one and eight characters long and must always have "`.DHK`" at the end. This is often used by satellite programmed stations to switch liners for different air talents or programs.

90   Fill/Schedule Time Update

Format   `^90 :MM:SS`

> where   `:MM:SS` is the update time, in minutes and seconds past the hour
> `MM`=Minutes, from 00 to 59
> `SS`=Seconds, from 00 to 59

When a Fill/Schedule time update is pending, at 30 seconds before the end of the event currently on the air the UDS II analyzes the next-to-air event to see if it can play to completion before the specified update time. If there is sufficient time, the event will play and the time update will analyze each following event until the update time has passed. If there is *not* sufficient time to play the analyzed event, *all* events between the on-air event and the event immediately following the breaknote are dropped. A "fill" cart selected from a list of carts will play for the exact amount of time between the end of the on-air event and the specified time in the update command. Both mandatory and non-mandatory events are deleted by the destructive time update command.

You will need to record a series of digital audio "fill" carts of increasing length. The first cart will play from 1 to 10 seconds, depending on how much time needs to be filled, and

UDS II Breaknote Commands—Time-Specific Events, continued

must be a minimum of 10 seconds in length. The second cart will play from 11 to 20 seconds and must be a minimum of 20 seconds in length. Continue recording fill carts until you have a sufficient number to cover all possible required fill times.

These "fill" carts are selected from a list setup in the UDS II Hotkey feature. Name the first list of hotkeys `BACKFIL1.DHK`. Enter the "fill" carts in increasing order by length from 10-second carts to 100-second carts. If you wish to add "fill" carts ranging from 110 to 200 seconds in length, add a second list of hotkeys called `BACKFIL2.DHK`.

    📖 For more information on the UDS II hotkey editor, see *Alt-H—Hotkeys* in Chapter Four of this manual.

Breaknote Source Number Commands for Position-Specific Events

The following breaknote commands are not time-specific; they are executed as the events they precede in the UDS II schedule move into the On the Air window.

94 Relay On

Format: **`~DD ^94 [R]`**

where   *~DD* specifies the duration in seconds, up to and including 3600 seconds, for the relay to remain on. If no duration is specified, the relay remains on until a UDS II command 85 or 95 (relay off) is processed. See breaknote command 95 below for more information.

      [R] Specifies the desired utility relay, from 1 through 4, inclusive.

This command is used to turn on one of the four UDS II utility relays. If a duration is specified, the relay will remain on for the specified period of time, then turn off. If no duration is specified, the relay will remain on until a breaknote command 85 or 95 is encountered.

You may activate multiple relays with one breaknote. The relays will be activated simultaneously for the same length of time unless individually deactivated by a command 85 or 95. Activate multiple relays by stacking the desired utility relay numbers as in the following example:

    `~240 ^94 [2] [3]`

This example activates utility relays #2 and #3. Unless deactivated by a command 85 or 95, these relays will each remain on for four minutes.

UDS II Breaknote Commands—Position Events, continued

95 Relay Off

Format: `^95 [R]`

   where   `[R]` Specifies the desired utility relay, from 1 through 4, inclusive.

This command is used to turn off one or more of the utility relays (previously turned on with breaknote command 84 or 94). Multiple UDS II utility relays turned on with either the 84 or 94 breaknote command may be turned off with multiple [R] commands.

   `^95 [1] [4]`

This example deactivates utility relays #1 and #4.

96 System Stop

Format: `^96`

This command places UDS II in Stop mode. After the on-air event preceding this breaknote begins the system is placed in Stop mode.

97 Load Schedule

Format: `^97`

When the event following this command moves into the On the Air window on the UDS II main screen, this command loads a single schedule from the default schedule loading directory as configured in the F8 System Configuration window's Path setup. This is often used by people who schedule for the UDS II at a remote location and cannot manually press the F10 key to begin the single-day schedule loading process from the UDS II keyboard.

   For more information on UDS II system configuration and path setup, see
   F8 System Configuration in Chapter Four of this manual.

UDS II Breaknote Commands—Position Events, continued

98 Informational Text Message

Format: `^98 Informational text for UDS II operator`

> where   *Informational text for UDS II operator* is a text message, up to 40 characters in length.

When this text message is encountered by UDS II, the message is displayed on the information display line at the bottom of the UDS II main screen. The message is displayed when the event immediately following the informational text breaknote moves to the on-the-air window.

An exclamation point (!) may be placed immediately before the text string to make the message flash, to add a sense of urgency to the text message. Activate the blinking text message as in the following example:

`^98 !Announce contest winners next`

99 Spot-catcher

Format: `^99 :BM :EM`

> where   *:BM :EM* is a time-range, with BM representing the Beginning Minute past the top of the hour and EM representing the Ending Minute past the top of the hour

This command tells the Merge program to look at the defined range of times in your commercial log, "grab" all of the events scheduled in that time period, and place them in your schedule at this location during the merge process.

> **IMPORTANT!** You must account for *every* possible spot break in every hour! Arrange spot-catchers to cover every possible time when a spot can be logged. See the examples beginning on page 3-20.

UDS II Breaknote Examples

Now that you know the breaknote commands and their component parts, you can arrange these commands to make your UDS II do many things. For example, you can call for digital audio events, keep the schedule on time, and set up your music log to be merged with your commercial log. Two of the most useful and popular breaknote commands you can schedule are the spot-catcher and the time-update breaknotes.

The examples that follow more fully explore and describe the proper syntax for breaknotes to schedule the various commands.

Spot-Catcher Examples

If you are merging your music and commercial logs, you must establish spot-catchers in your clocks wherever you want the break to occur. These commands tell the Merge program to look at a certain time period in your commercial log, "catch" all of the spots scheduled in that time period, and place them in your schedule at this location during the merge process.

Format: `^99 :BM :EM`

> where   `:BM :EM` indicates a time-range where *BM* is the
> beginning minute and *EM* is the ending minute.

You will need to use several spot-catcher breaknote commands in each hour to cover every minute in each hour. Spots scheduled by traffic but *not* caught by spot-catchers may appear at incorrect times in your merged schedule. In the example below, the Merge program would grab all spots scheduled to play between 12 and 27 minutes after the hour, inclusive.

Example: `^99 :12 :27`

IMPORTANT! You must account for *every* minute of the hour to cover *every* possible spot break in *every* hour. If, for example, your stop sets are scheduled to occur at 10, 30, 40, and 50 minutes past the hour then your spot-catcher breaknote commands should resemble the sample breaknotes below:

RIGHT	**WRONG**
`^99 :00 :18`	`^99 :05 :14`
`^99 :19 :35`	`^99 :26 :31`
`^99 :36 :49`	`^99 :37 :49`
`^99 :50 :60`	`^99 :51 :58`

Much like a baseball catcher must attempt to catch not only strikes but wild pitches as well, the spot-catcher must be wide-ranging enough to catch spots in *every minute of the hour*.

Breaknote Examples, continued

Time-Update Command Examples

81 **Non-destructive Time Update** is used in situations where precise timing is not critical but excess events must be removed to keep the UDS II on-time and on-schedule while allowing the event on the air to play to completion. Time update 81 removes only "non-mandatory" events (those with @X-style source numbers, where X represents the UDS II audio source) while leaving "mandatory" events (those with ˆX-style source numbers) such as commercials in the schedule. All music events are non-mandatory by default.

These updates are most often used by stations *not* needing to meet fixed-time events such as network news or other programming. These updates are normally placed just before stop sets to delete unneeded "fill" songs and begin the stop set at or near a set time each hour.

For example, you want a commercial stop set to play at approximately the bottom of the hour. Since this update allows the event on the air to play to completion and is non-destructive to mandatory events, you need to set the update a minute or two before the desired start time. This allows the UDS II to play the current event to completion before the start of the stop set but does not permit any non-mandatory events to start and seriously delay the stop set.

The example below shows, in context, how the Update 81 breaknote can be used in a clock to protect a stop set-preceding "mandatory" promo while removing excess songs and a "non-mandatory" sweeper event:

```
SONG ON THE AIR              (Song scheduled by MusicMaster)
~10 @3 {3612} SWEEPER        (Non-mandatory sweeper cart)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
~30 ^3 {4102} AM PROMO       (Mandatory promo cart)
^81 :28:00                   (Non-Destructive Time Update 81)
^99 :25 :39                  (:30 Stop set spot-catcher)
```

After the Update 81 takes place, the following events will remain on the UDS II:

```
SONG ON THE AIR              (Event on the air when the update occurred)
CART #4102 "AM PROMO"        (Mandatory digital audio cart scheduled between on
                              air event and the time update)
FIRST SPOT IN STOP SET       (Stop set scheduled immediately after time update)
```

Breaknote Examples—Time Update Commands, continued

82 Destructive Time Update is used in situations where precise timing is not critical but excess events *must* be removed to keep the UDS II on-time and on-schedule while allowing the event on the air to play to completion. Time update 82 removes both "mandatory" and "non-mandatory" events from the schedule.

For example, you want a stop set to begin at approximately the bottom of the hour. Since this update is destructive to all types of events but allows the event on the air to play to completion, you need to set the update a minute or two before the desired start time. This allows the UDS II to play the current event to completion before the start of the stop set but does not permit any new event to begin and delay the start of the stop set.

The example below shows, in context, how the Update 82 breaknote can be used in a clock to start a commercial stop set on-time by removing all excess events, even the promo entered as mandatory:

```
SONG ON THE AIR              (Song scheduled by MusicMaster)
~10 @3 {3612} SWEEPER        (Non-mandatory sweeper cart)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
~30 ^3 {4102} AM PROMO       (Mandatory promo cart)
^82 :28:00                   (Destructive Time Update 82)
^99 :25 :39                  (:30 Stop set spot-catcher)
```

After the Update 82 takes place, the following events will remain on UDS II:

```
SONG ON THE AIR              (Event on the air when the update occurred)
FIRST SPOT IN STOP SET       (Stop set scheduled immediately after time update)
```

83 Update and Advance Time Update is used in situations (such as satellite-delivered programming) where precise timing is *absolutely* critical and excess events, *including* the one currently on the air, *must* be removed to keep UDS II on-time and on-schedule.

For example, you want a stop set to begin at *exactly* 30 minutes past the hour. Since this update is destructive and immediate, you need to set the update at one second before the desired start time of the stop set. The UDS II will *immediately* start the event following the time update command then rapidly fade the event currently on the air, deleting any unneeded events between the on-air event and the "target" of the time update.

Breaknote Examples—Time Update Commands, continued

The example below shows, in context, how such a breaknote would be entered in a MusicMaster clock:

```
SONG ON THE AIR              (Song scheduled by MusicMaster)
~10 @3 {3612} SWEEPER        (Non-mandatory sweeper cart)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
SONG FROM RS-HD              (Song scheduled by MusicMaster)
~30 ^3 {4102} AM PROMO       (Mandatory promo cart)
^83 :29:59                   (Update and Advance Time Update 83)
^99 :25 :39                  (:30 Stop set spot-catcher)
```

After the Update 83 takes place, the following event remains on UDS II:

```
FIRST SPOT IN STOP SET   (First element in stop set scheduled immediately
                              after time update placed on the air by Update 83)
```

90 **Fill/Schedule Time Update** is used in situations where precise timing is absolutely critical and excess events must be removed to keep the UDS II on-time and on-schedule *without* fading a song or other event prematurely.

For example, if you want play a station legal ID then a join a network newscast at precisely the top of the hour, since this update is destructive and immediate, you need to set the update at one second before the desired start time of the legal ID. The length of this legal ID must also be accounted for when setting the update time so the UDS II will join the network newscast on time. The UDS II analyzes the next event 30 seconds before it is scheduled to air and, if it is unable to play the event to completion before the scheduled update time, performs the Fill/Schedule time update. UDS II deletes all remaining events up to the update point and, if needed, fills any time remaining from a pre-defined list of "fill" carts, as described on page 3-16.

The example below shows, in context, how such a breaknote would be entered:

```
^90 :59:52                   (Fill/Schedule Time Update)
~07 ^3 {2003} LEGAL ID       (Station legal ID cart at end of current hour)
~90 ^5 JMS NETWORK NEWS      (Network newscast at top of following hour)
```

Breaknote Examples, continued

Digital Audio Event Examples

These breaknote commands schedule digital audio events other than those commercials gathered in by spot catchers at specific *positions* in the schedule. These commands are used to schedule jingles, sweepers, stations legal IDs, station promotional announcements, and other non-commercial digital audio.

> **IMPORTANT!** The following examples use UDS II source 3 as the default digital audio hard-drive source. Check the equipment file documentation to see if this is true of your UDS II as well. If not, please substitute the correct source number for 3 when using these breaknote commands to play digital audio events.

➪ To call for a single "mandatory" digital audio event that *cannot* be removed from the schedule by an Update 81 command, use the following format:

```
~30 ^3 {1003} HAUNTED HOUSE PROMO
```

This schedules "mandatory" cart number 1003, approximately 30-seconds in duration, to be played from source 3 (the non-music source of RadioSuite HD). The text following the closing brace (up to 39 characters long) describes this event in your UDS II schedule as HAUNTED HOUSE PROMO.

➪ To call for a single "non-mandatory" digital audio event that *can* be removed from the schedule by an Update 81 command, use the following format:

```
~30 @3 {1003} HAUNTED HOUSE PROMO
```

This schedules "non-mandatory" cart number 1003, approximately 30-seconds in duration, to be played from source 3 (the non-music source of RadioSuite HD). The text following the closing brace (up to 39 characters long) describes this event in your UDS II schedule as HAUNTED HOUSE PROMO.

➪ To schedule a liner or promo to precede a stop set, but you don't want that event to play if there are not any spots scheduled in that stop set, the series of breaknote commands should follow this example:

```
~10 ^3 {*5001} STOP SET INTRO    (Conditional event)
^99 :17 :28                      (:20 stop set)
```

The Merge module of the Utilities for the UDS II will schedule digital audio cart 5001 *only* if the commercial log has spots scheduled between 17 and 28 minutes after the hour, inclusive. If there are no spots within that range, then cart 5001 would not be scheduled.

Breaknote Examples—Digital Audio Events, continued

⇨ To schedule a rotating series of digital audio events, use the following format:

```
~60 ^3 {7201:7203} MORNING SHOW PROMO
```

This schedules a "mandatory" event, approximately 60-seconds in duration, from source 3 (the non-music source of RadioSuite HD), playing one of three rotating cuts, in order. The text following the closing brace describes this event in your UDS II schedule as MORNING SHOW PROMO.

The first time the UDS II Merge program sees this command, it schedules cart number 7201. The second time it schedules cart 7202, the third time cart 7203, the fourth time cart 7201, and so on. In addition, the UDS II Merge program remembers rotations from day to day. If the last cart scheduled on one day by this example command was 7202, the next cart scheduled will be 7203, even in the next day's schedule.

IMPORTANT: When rotating cart numbers in this manner, be sure that RadioSuite HD contains a valid cart for all numbers specified.

Note: You may also use the rotating sub-carts functionality of RadioSuite to have many (from 2 to 99) audio files rotate equally under one cart number. You can find out more about rotating sub-carts in the *RadioSuite Explorer User's Manual*.

Simple Network Recording Example

These breaknote commands schedule digital audio recording by the RadioSuite HD system as fixed times. The length and other features of the cart to be recorded are all set in the Cart Properties window for the cart to be recorded in the RadioSuite Explorer. Only the start time for the recording is set by this breaknote command.

IMPORTANT! For these commands to work properly, the time-of-day clocks on the UDS II computer and the RadioSuite HD computer must be synchronized. You can find out more about keeping these clocks in sync in the *RadioSuite HD User's Manual*.

To start a simple network recording of the ABC News network in cart ABC1 at exactly the top of the hour, use the following format (the text description is optional):

```
^80 :00:00 {ABC1} ABC NEWS RECORDING
```

To start a simple network recording of a program feature in cart ES32 at exactly 15 minutes and 30 seconds after the hour, use the following format (the text description is optional):

```
^80 :15:30 {ES32} EARTH SCIENCE UPDATE
```

Breaknote Examples, continued

Utility Relay Command Examples

84   Utility Relay On is used to activate one or more of UDS II's four utility relays at a specific *time of day*. These relays can be used to turn on lights, trigger tone generators, or signal any device that will accept a dry contact closure. You may choose to have the relay on for a set period of time by specifying a run time or choose to leave the relay on until deactivated by not specifying a set run time. You may turn on multiple relays simultaneously by stacking relay numbers on one breaknote line.

To activate a single relay (#3 in this example) at 29 minutes and 30 seconds after the hour that you wish to run for exactly 30 seconds, enter the following breaknote:

```
~30 ^84 :29:30 [3]
```

To activate a single relay (#2 in this example) at 45 minutes and 15 seconds after the hour that you wish to run until otherwise deactivated, enter the following breaknote:

```
^84 :45:15 [2]
```

To simultaneously activate two relays (#1 and #4 in this example) at exactly 05 minutes after the hour that you wish to run until otherwise deactivated, enter the following breaknote:

```
^84 :05:00 [1] [4]
```

85   Utility Relay Off is used to deactivate one or more of UDS II's four utility relays at a specific time of day. You may use this command to turn off relays turned on by commands 84 and 94 whether they were set to run indefinitely or set to run for a specific time. You may turn off multiple relays simultaneously by stacking relay numbers on one breaknote line.

To deactivate a single relay (#2 in this example) at 53 minutes and 45 seconds, enter the following breaknote:

```
^85 :53:45 [2]
```

To simultaneously deactivate two relays (#1 and #3 in this example) at exactly 12 minutes after the hour, enter the following breaknote:

```
^85 :12:00 [1] [3]
```

Breaknote Examples—Utility Relay Commands, continued

94 **Utility Relay On** is used to activate one or more of UDS II's four utility relays at a specific *position* in the schedule. The relay will be activated as soon as the event this command precedes goes into the On the Air window. These utility relays can be used to turn on lights, trigger tone generators, or signal any device that will accept a dry contact closure. You may choose to have the relay on for a set period of time by specifying a run time or choose to leave the relay on until deactivated by not specifying a set run time. You may turn on multiple relays simultaneously by stacking relay numbers on one breaknote line.

To activate a single relay (#3 in this example) that you wish to run for exactly 30 seconds, enter the following breaknote:

`~30 ^94 [3]`

To activate a single relay (#2 in this example) that you wish to run until otherwise deactivated, enter the following breaknote:

`^94 [2]`

To activate two relays (#1 and #4 in this example) that you wish to run until otherwise deactivated, enter the following breaknote:

`^94 [1] [4]`

95 **Utility Relay Off** is used to deactivate one or more of UDS II's four utility relays at a specific *position* in the schedule. The relay will be deactivated as soon as the event this command precedes goes into the On the Air window. You may use this command to turn off relays turned on by commands 84 and 94 whether they were set to run indefinitely or set to run for a specific time. You may turn off multiple relays simultaneously by stacking relay numbers on one breaknote line.

To deactivate a single relay (#2 in this example) enter the following breaknote:

`^95 [2]`

To simultaneously deactivate two relays (#1 and #3 in this example) enter the following breaknote:

`^95 [1] [3]`

Breaknote Examples, continued

System Start and Stop Command Examples

86   **System Stop** is used to automatically place the UDS II into Stop mode at a specific *time of the day*. This command halts all system activity upon completion of the event on the air. This is useful if the UDS II is in an environment where it will remain unused for several hours at a stretch and needs to be "put to sleep" automatically.

To place the UDS II into Stop mode at 58 minutes and 30 seconds after the hour, enter the following breaknote:

```
^86 :58:30
```

87   **System Start (Live Control Mode)** is used to automatically place the UDS II into Live Control mode at a specific *time of the day*. This command resumes normal system activity and reattaches the schedule to match the current time. This is useful if the UDS II is in an environment where it will remain unused for several hours at a stretch and needs to be "woken up" automatically but *not* resume play until started manually.

To place the UDS II into Live Control mode at precisely 03 seconds after the hour, enter the following breaknote:

```
^87 :00:03
```

88   **System Start (AutoSegue Mode)** is used to automatically place the UDS II into AutoSegue mode at a specific *time of the day*. This command resumes normal system activity and reattaches the schedule to match the current time. This is useful if the UDS II is in an environment where it will remain unused for several hours at a stretch and needs to be "woken up" and resume unattended operation automatically.

To place the UDS II into AutoSegue mode at 10 minutes and 30 seconds after the hour, enter the following breaknote:

```
^88 :10:30
```

96   **System Stop** is used to automatically place the UDS II into Stop mode at a specific *position* in the schedule. This command halts all system activity upon completion of the event on the air. This is useful if the UDS II is in an environment where it will remain unused for several hours at a stretch and needs to be "put to sleep" automatically.

To place the UDS II into Stop mode, enter the following breaknote (the description is optional, not required for proper operation of this breaknote):

```
^96 STOP
```

Breaknote Examples, continued

Miscellaneous Command Examples

89 Load Hotkey Files automatically loads a stored list of digital audio hotkeys for manual or automatic playback. A specific set of hotkeys may then be triggered from the Alt-keys or by dry contact closures without further user intervention. This command is most frequently used by stations carrying satellite programming as a way to "switch" liners and drops for the various air personalities.

For example, to load a set of carts for evening host Delilah, first create a hotkey list on the UDS II called DELILAH.DHK using the carts you need to play back during her show. Add the following breaknote to the start of each hour that Delilah is on the air:

`^89 :00:00 DELILAH.DHK`

You may also change hotkey lists at any time during the hour with the breaknote 89 command. For example, if you wish to load "road report" carts shortly before the scheduled report at 30 minutes past the hour—and you have previously created a hotkey list called ROADS.DHK—then add the following breaknote to your clocks:

`^89 :29:30 ROADS.DHK`

97 Load Schedule is used to automatically import a schedule into the UDS II. This is often used when playlist schedules are created and transferred by a person who cannot or does not wish to go to the UDS II keyboard and load them manually. Place this breaknote command in the schedule at a point when the next day's logs will be ready for import but no later than 40 events before the end of the current log. Use the following format:

`^97`

98 Informational Text Message is used to display messages on the main screen of the UDS II to remind the operator to take readings, promote an upcoming event, or any other message you wish to relay. These messages, up to 40 characters long, are displayed at the bottom of the UDS II screen and, given proper formatting, can even flash to draw attention to themselves.

For example, if you want to remind the operator to promote an upcoming station event, enter the following breaknote:

`^98 Promo WOAS Fall Festival November 2nd`

If you want the operator to take special notice of the text message, you can make it blink by prepending the text message with an exclamation point, as in this example:

`^98 !Important-Take Transmitter readings`

Breaknote Examples, continued

Legacy Audio Sources

Legacy audio sources such as reel-to-reel tape players, cart machines, and other devices may also be scheduled and played using breaknotes. The following examples outline the ways these devices may be addressed by the UDS II.

Note: These audio sources must be properly configured in your UDS II equipment file. If you need a new UDS II equipment file, please contact On Air Digital USA or the On Air Digital representative in your country for more information.

⇨ To schedule an event to be started by contact closure (such as a cart player or tone generator) that will *return an end-of-message closure* to start the next event, use this format:

`~DD ^XX TEXT DESCRIPTION`

> where   *~DD* specifies the duration in seconds, up to and including 3600 seconds, for the approximate run time of the event.
>
> *^XX* specifies the source used by the device.
>
> `TEXT DESCRIPTION` describes the event or device in the schedule

For example, if you want to schedule an event approximately 60 seconds in duration, to be played from a device on source 7, to be described as "Sports Minute" in your UDS II schedule and on the UDS II main screen, enter the following:

`~60 ^7 SPORTS MINUTE`

Note: This breaknote *requires* that the device return an end-of-message signal for the UDS II to proceed to the next event in the schedule. If this device does not return an EOM, the UDS II will remain on this event until the operator starts the next event manually.

Breaknote Examples—Legacy Audio Sources, continued

⇨ To schedule an event to be started by contact closure (such as a cart player or tone generator) that will run for a *fixed length of time* before starting the next event, use this format:

~DD ^XX <TEXT DESCRIPTION

>   where   *~DD* specifies the duration in seconds, up to and including 3600 seconds, for the maximum run time of the event.

>   *^XX* specifies the source used by the device.

>   < specifies that this is a time-compare event

>   *TEXT DESCRIPTION* describes the event or device in the schedule

This format should be used for sources that do not provide an EOM (end of message) closure, such as some news networks. For example, if you want to schedule an event 60 seconds in duration, to be played from a device on source 7, to be described as "Sports Minute" in your UDS II schedule and on the UDS II main screen, enter the following:

~60 ^7 **<**SPORTS MINUTE

Note: This breaknote instructs the UDS II to proceed to the next event after the run time has elapsed. However, this is a *maximum* run time and the UDS II will proceed immediately if the devices return an end-of-message signal before the run time has elapsed.

⇨ If you want to place a live studio break in your schedule, thus pausing the system at a pre-defined place in the schedule, use the following format:

~30 ^10 LIVE NEWS/WEATHER BREAK

This translates into a live studio break approximately 30 seconds long. Source 10 is the default configuration for the live studio. The text describes the event in your UDS II schedule and on the UDS II main screen as LIVE NEWS/WEATHER BREAK. The system will not advance until the [PRTSC] key is pressed or an EOM contact closure is received.

Notes on Breaknotes

⇨ Each breaknote command must be entered on its own line in the MusicMaster format clocks using the "S" (Stopset) code. Unless otherwise specially configured under the direction of On Air Digital personnel, the UDS II will not recognize breaknotes configured with the "L" code for LogNotes.

⇨ If you use the * (asterisk) in conjunction with a contingent digital audio event, the next breaknote command in the schedule *must* be a spot-catcher. If no spot catcher is present, the contingent digital audio event will *never* be scheduled.

⇨ Much as the English language uses single spaces to separate words, there must be exactly one space between each expression in a breaknote.

For example, the breaknote

`~60^3{1001}MorningPromo`

makes no more sense to the computer than the message

`IamElmerJFuddmillionaireIownamansionandayacht.`

makes to you when you attempt to read it.

⇨ Treat each part of a breaknote expression as a single word. Too many spaces can do as much harm as too few spaces.

For example, the breaknote

`~ 120 ^ 3 { 1004 } I M A G E P R O M O`

makes no more sense than spacing a phrase in English like this

`I w a n t t o s e e a f l y i n g s a u c e r !`

Breaknote Commands Chart

Format Key (for use with Breaknote Syntax chart)	
S	Approximate length in seconds
N	Source number
nnnn	zero-padded four-digit digital audio cart number
bbbb:eeee	bbbb is a zero-padded four-digit beginning number and eeee is a zero-padded four-digit ending number
:BM :EM	a time-range, in minutes and seconds past the hour; where BM=the beginning minute, from 00 to 59 and EM=the ending minute, from 00 to 59
:MM:SS	the time, in minutes and seconds past the hour; where MM=minutes, from 00 to 59 and SS=Seconds, from 00 to 59
DD	DD specifies the duration in seconds for the relay to stay on, from 1 to 3600
[R]	Specifies the desired utility relay, from 1 to 4, inclusive

Breaknote Syntax (for use with Format Key chart)		
Command	**Format**	**Description**
~ (Tilde)	~S	The length of this event, in seconds, is...
^ (Caret)	^N	The *mandatory* UDS II source number is...
@ (At Sign)	@N	The non-mandatory UDS II source number is...
{ } (Brace Pair)	{nnnn}	Play this digital audio cart
: (Colon)	{bbbb:eeee} or ^99 :BM :EM or :MM:SS	Rotate this list of digital audio cart numbers or Indicates a time-range for Spot-catchers or Indicates a time for Time-specific events
* (Asterisk)	{*nnnn}	Do *not* schedule this cart unless spots are caught by the spot-catcher following this event
< (Less Than)	<	When this immediately precedes the text description of a breaknote event, UDS II treats this item as a *time-compare event*.

UDS II Breaknote Commands—Commands Charts, continued

Breaknote Source Number Commands for Time-Specific Events		
Source Number	**Format**	**Description**
80	`^80 :MM:SS {nnnn}`	Simple Network Recording
81	`^81 :MM:SS`	Non-destructive Time Update
82	`^82 :MM:SS`	Destructive Time Update
83	`^83 :MM:SS`	Update and Advance Time Update
84	`^84 :MM:SS [R]` *or* `~DD ^84 :MM:SS [R]`	Utility Relay On
85	`^85 :MM:SS [R]`	Utility Relay Off
86	`^86 :MM:SS`	System Stop
87	`^87 :MM:SS`	System Start (Live Mode)
88	`^88 :MM:SS`	System Start (AutoSegue Mode)
90	`^90 :MM:SS`	Fill/Schedule Time Update

Breaknote Source Number Commands for Non-Time-Specific Events		
Source Number	**Format**	**Description**
89	`^89 :MM:SS FILENAME.DHK`	Load Hotkey Files
94	`^94 [R]` *or* `~DD ^94 [R]`	Relay On
95	`^95 [R]`	Relay Off
96	`^96`	System Stop
97	`^97`	Load Schedule
98	`^98 Text Message`	Informational message displayed on UDS II main screen
99	`^99 :BM :EM`	Spot-catcher

The Utilities for the Ultimate Digital Studio II

Overview

The Utilities for the UDS II are a sort of 'United Nations' for music scheduling software. The Utilities translate files from the MusicMaster music scheduling software and the traffic scheduling program into files that can be read by the UDS II. The Utilities also alert you to many common scheduling errors and allow you to make last-minute edits and changes to the merged playlist.

The "Utilities for the UDS II" are *not* the same as the "UDS II" itself. The Utilities for the UDS II use their own internal files and configurations, working with text files created by MusicMaster and your traffic scheduling program, to create files that the UDS II can use.

Computer Preparation

Before you install the Utilities for the UDS II, you should perform tests on the music scheduling computer to make sure that it is in peak operating condition.

1. **Before installing the Utilities for the UDS II, run CHKDSK or SCANDISK on the music scheduling computer.** If you do not know how to run CHKDSK or SCANDISK and understand its output, please check with your facility's computer expert or system administrator.

   Make sure that CHKDSK (or SCANDISK) reports that the hard disk is clean (free of lost allocation units, cross-linked and/or truncated files as well as corrupted File Allocation Tables).

2. **Make sure that the computer to be used for MusicMaster and the Utilities for the UDS II has at least 5 MB of free disk space on the target drive**.

Utilities for the UDS II, continued

Installation and Configuration

IMPORTANT: You must install the Utilities programs on the MusicMaster computer and *not* on the UDS II control computer.

Installing the Utilities for the UDS II

1. Go to a DOS command prompt (the "C" prompt). The prompt usually looks like this:

    `C:\> or C:\WINDOWS>`

    Note: If you installed MusicMaster on a drive other than `C:`, substitute that drive letter for `C:` in these instructions.

2. Change to the computer subdirectory where MusicMaster resides.

    Type [C] [D] [\] [M] [U] [S] [I] [C] [ENTER] .

3. Insert the "Utilities for the UDS II" diskette into the diskette drive. The diskette drive is usually the A: drive. If you are using drive B:, substitute B: for A: in these instructions.

4. Run the installation program to transfer the files from the diskette onto the hard disk drive. For your convenience, the name of the installation program is your station's call letters or company name. Type the letter of the diskette drive, a colon, and your call letters or company name (as written on the disk label) at the prompt.

    For example, if the disk is in the A: drive and your station is KJZY, type

    [A] [:] [K] [J] [Z] [Y] [ENTER]

    If you are unsure of the name to type, type [D] [I] [R] [SPACE] [A] [:] to view a directory of the files on the diskette. The name will be followed by `EXE`.

5. You will be asked "Install UDS Utilities for KJZY in C:\MUSIC? (y/N)".
    Answer [Y] to proceed with the installation.

6. The installation program will work for a moment extracting and installing files. When installation is complete, the program will tell you "The UDS Utilities for KJZY were installed successfully. The files are in the C:\MUSIC directory. Press any key to finish."

    Press any key to return to the `C:\MUSIC>` prompt. The installation of your Utilities for UDS II is now complete.

Utilities for the UDS II, continued

Configuring the Utilities for UDS II

Before the Utilities for UDS II can be used to create, merge, and transfer schedules to the UDS II, the software must be licensed for use on your MusicMaster computer and various configuration options must be properly set.

The configuration of the Utilities is divided into four parts:

◆   Registration (beginning on page 3-38)

◆   Primary Configuration (beginning on page 3-39)

◆   Merge Configuration (beginning on page 3-42)

Other options requiring the use of DOS environmental variables are described in great detail later in this chapter. For example, if you are more comfortable with European-style dates, see the *Configuring the Date Display* section on page 3-153.

Utilities for the UDS II—Configuring the Utilities, continued

Registration

To run the Utilities for UDS II for the first time, type ⓤ ⓓ Ⓢ Ⓜ Ⓔ Ⓝ ⓤ [ENTER] from the C:\MUSIC prompt. The Utilities will display the Registration screen. You will not be able to proceed beyond this point until you call On Air Digital USA or the On Air Digital representative in your country.

1. As directed by On Air Digital, enter your station call letters or company name and the proper license term. Press [F2] to proceed.

2. The License program returns a registration code—read this number to the customer support person.

3. Enter the two code numbers given to you.

4. Press [F2] to complete the licensing process.

```
            UDS Utilities Registration: Version 9.x

        Enter call letters or company name:   KJZY

        Enter registration period (in days):  90

         KJZY code: 62875 (Expires: 02 FEB 2003)

        Enter Registration Number 1:          132

        Enter Registration Number 2:          941

            Press F2 to Accept or Escape to Quit


    Copyright (c) 1992-2002 by On Air USA, All Rights Reserved
```

Figure 3-1 Sample UDS II Utilities Registration screen

Utilities for the UDS II—Configuring the Utilities, continued

Primary Configuration

A description for each of the configuration items follows. The default setting for each option is shown in parenthesis next to the name of each option.

Figure 3-2 UDS II Utilities Primary Configuration Screen

```
1a. Use the UDS II Editor's automatic time calculation?
    (Y/N):(Y)
```

You can decide whether or not the UDS II Schedule Editor should automatically update the 'scheduled at' times for events when you save the schedule.

This feature was designed for stations not using the MusicMaster music scheduling software. For this reason, please leave this option at the default setting of Ⓨ ᴇɴᴛᴇʀ . Type Ⓝ ᴇɴᴛᴇʀ only if so directed by On Air Digital technical support personnel.

```
1b. Confirm deleted events in the UDS II Editor? (Y/N): (Y)
```

While using the UDS II Schedule Editor, you must normally confirm any deletion of an event by pressing Ⓕ² after you press Ⓓ . This option allows you to disable the safety feature so that pressing Ⓓ or ᴅᴇʟ will delete any event. This might be handy if you routinely delete a number of events each day.

If you wish to leave the confirmation feature in place, leave this at the default setting of Ⓨ ᴇɴᴛᴇʀ . If you wish to override this feature, type Ⓝ ᴇɴᴛᴇʀ here.

Utilities for the UDS II—Configuring the Utilities; Primary Configuration, continued

```
2a. Network (or other explicit path) in use for UDS II?
    (Y/N): (N)
```

If your MusicMaster computer and your UDS II computer are both connected to the RadioSuite HD via a local-area network, you can transfer files to the UDS II without diskettes. This option allows you to send your schedules and new adds files across the network to a special subdirectory where the UDS II can import them.

If the UDS II and MusicMaster computers are *not* both connected to the RadioSuite HD via a local-area network, or you do not wish to utilize the network in this way, please leave this option at the default setting of Ⓝ and leave the UDS II Network path field blank.

If you do wish to use this option, type Ⓨ here. On the next line, type the complete name of the network subdirectory. For example, if your local-area network drive is drive Z:, your call letters are KUDS, and you want to put the files into the SKDS subdirectory for that station, type the following in the UDS II Network path field:

Ⓩ ⬚: ⬚\ Ⓚ Ⓤ Ⓓ Ⓢ ⬚\ Ⓢ Ⓚ Ⓓ Ⓢ ⬚\ ⌨ENTER

Make a note of the path name you chose and configure the UDS II accordingly. You also need to create that subdirectory on the network drive before you may use it to transfer files. See your network coordinator if you do not have sufficient access to create a new subdirectory off the root directory.

📖 For more information on using a local-area network with UDS II, see *Notes on Configuring UDS II as a Network Node* in Appendix A of this manual.

```
2b. Export schedules using multiple day support? (Y/N): (N)
```

It is possible to transfer multiple schedule files (for up to seven consecutive days) to the UDS II across a local area network or on a single diskette. This option allows you to use UDS II's ALT F10 multi-day schedule import feature. If you are transferring schedules via a local area network, you are very strongly encouraged to type Ⓨ here.

📖 For more information on using the ALT F10 multi-day schedule import feature, see *Alt-F10—Multi-Day Schedule Loading* in Chapter Four if this manual.

```
2c. Automatic schedule import after transfer? (Y/N): (N)
```

After you transfer schedule files using multiple day support to the UDS II across a local area network, this option allows you to use UDS II's automatic import feature. This allows you to load schedules, even today's schedule, without having to go to the UDS II or taking any other action. If you are transferring schedules via a local area network with multiple day support, you are strongly encouraged to type Ⓨ here.

Note: Multiple day support *must* be set to "Y" in item 2b for this item to function.

Utilities for the UDS II—Configuring the Utilities; Primary Configuration, continued

3. Do you want the Utilities for the UDS II to make sounds?
    (Y/N): (Y)

The Utilities for the UDS II make a variety of sounds to indicate whether a process is working, has completed, or has run into a problem. If you wish to keep the sound effects in operation, leave this option at its default setting of Ⓨ. If you wish to disable these sounds, type Ⓝ here.

4a. RS-HD cart validation sources: (blank)

If you transfer the schedule across the network, the Utilities can check the scheduled carts against the actual inventory on the RadioSuite HD. Enter the three RS-HD sources, music and non-music, to use this feature. The sources are typically 01, 02, and 03.

4b. Cart inventory file: (blank)

For the Utilities to check the UDS II schedule against the RadioSuite HD inventory, enter the complete path and filename for the inventory file. The typical drive letter for a RadioSuite HD on the local area network is Z:, the filename is usually CART_INV.LST, and the file is usually found in the station's named directory on that drive. For example, the typical entry for a station named KUDS would be Z:\KUDS\CART_INV.LST

IMPORTANT! After you have completed changing the Utilities primary configuration setup options, you *must* press F2 to save the changes.

```
═════════ MusicMaster/UDS II - Registered to ON_AIR ═════════
╔═══════════════ Utilities Menu Version 9.x ═══════════════╗

        UDS II Utilities Configuration Setup: Version 9.x

   This configuration determines how the UDS II Utilities will operate.

      1a). Use the UDS II Editor's automatic time calculation? (Y/N): Y
      1b). Confirm deleted events in the UDS II Editor? (Y/N): Y

      2a). Network (or other explicit path) in use for UDS II? (Y/N): Y
           UDS II export path: Z:\KUDS\SKDS\
      2b). Export schedules using multiple day support? (Y/N): Y
      2c). Automatic schedule import after transfer? (Y/N): Y

      3). Do you want the UDS II Utilities to make sounds? (Y/N): Y

      4a). RS-HD cart validation sources: 01   02   03   00
      4b). Cart inventory file: Z:\KUDS\CART_INV.LST

           F2 to Accept this configuration or Esc to Exit.

═══════ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ═══════
```

Figure 3-3 Example of a completed UDS II Utilities Primary Configuration Screen

To return to the Utilities for the UDS II Main menu, press ESC .

Utilities for the UDS II—Configuring the Utilities, continued

Merge Configuration

When the UDS II Traffic Schedule Merge program is run for the first time, or if the configuration file is not present in the current working subdirectory, the program displays the Commercial Merge Configuration Setup screen. The Merge program *must* be configured before any merging of logs may take place.

Figure 3-4 UDS II Commercial Merge Configuration Setup

*Note***:** This program may be re-configured at any time by pressing ⌨ALT ⌨F10 from anywhere within UDS II Merge.

The configuration options in Commercial Merge Configuration Setup are as follows:

⇨ `Merge music logs with spot log schedules? (Y/N): (Y)`

For all MusicMaster users, the only correct answer is Ⓨ. Otherwise, the merge program configures itself to a special mode and will overwrite any music schedules that may be present. You *mus*t leave this option at the default setting of Ⓨ.

⇨ `Enter Primary Digital Audio Source (01-69 Only):`

Type the UDS II source number configured for non-music digital audio playback, as set in the UDS II equipment file. The source must be entered as a zero-padded, two-digit number between 01 and 69, inclusive.

If you are using RadioSuite HD and source 03 for non-music digital audio, type Ⓞ Ⓑ.

Utilities for the UDS II—Configuring the Utilities; Merge Configuration, continued

➪ `Enter (optional) UDS-HD Sources:`

To play music on hard-drive, type the UDS II source numbers configured for RadioSuite HD music sources, as set in the UDS II equipment file. The source numbers must be entered as a zero-padded, two-digit numbers between 01 and 69, inclusive

If you are using RadioSuite HD and sources 01 and 02 for music, enter
⓪① ⓪② ⓪⓪ ⓪⓪.

➪ `Enter Studio ('Live') Source (01-69 Only):`

Type the UDS II source number configured as the live studio source, as set in the UDS II equipment file, in this blank. The source must be entered as a zero-padded, two-digit number between 01 and 69, inclusive.

If, like most UDS II systems, you are using source 10 for the 'live' source, type ① ⓪.

➪ `Permit LIVE spots in the schedule? (Y/N):`

When this option is set to Ⓨ and the spot log to be merged contains the text 'LIVE' in the cart number field, the event is handled as a live studio event in the UDS II schedule. Please note that case is not important—Live, live and LIVE are treated alike. The LIVE cart will be replaced by an event on the live source (configured above) during the merge process. This LIVE cart will retain the name given by the traffic scheduling program and this name will be displayed both in the UDS II schedule and on the UDS II main screen when the event airs.

If this option is set to Ⓝ, any event in the traffic log with a cart number of 'LIVE' will be removed at merge time and will not appear in the UDS II schedule.

> **IMPORTANT!** Time-compare is *not* automatically provided for the live studio source. You must mark an event as time-compare, if you want the event to run for no more than a specific duration, in the UDS II Schedule Editor.

  📖 For more information on setting the time-compare flag, see *Event Entry Fields* beginning on page 3-88 of this chapter.

Utilities for the UDS II—Configuring the Utilities; Merge Configuration, continued

⇨ `Merge text breaknotes into schedule? (Y/N):`

> Note: This merge configuration item is available *only* to users of the Datacount DARTS traffic scheduling software.

This option, if set to ⟨Y⟩, *every* line of the traffic log is merged with the music log. Lines in the traffic log with commercials are merged normally but all other lines are merged as Source 98 text breaknotes. This can lead to a cluttered schedule and is only recommended as a "last-ditch" method of sending notes to the UDS II operator.

⇨ `Filespec for spot log:`

Type the drive letter and path where the traffic log to be merged is stored, plus the common portion of the log file name. This allows you to select the actual file name of the log from a pop-up window each time you merge. The drive, path, and partial file name appear in the input window where you enter the name of the log to be merged. If you do *not* know the format for the log file name, type ⟨*⟩⟨.⟩⟨*⟩ as the file spec followed by ⟨ENTER⟩ .

> *Note*: There is *no* error checking to determine if the drive and path actually exist until you attempt the merge process.

For example, if you are merging CBSI traffic logs from a diskette in the A: diskette drive, type ⟨A⟩⟨:⟩⟨\⟩⟨*⟩⟨.⟩⟨E⟩⟨V⟩⟨T⟩⟨ENTER⟩ .

As another example, if you are merging DARTS traffic logs from the TRAFFIC subdirectory on network drive F:, type ⟨F⟩⟨:⟩⟨\⟩⟨T⟩⟨R⟩⟨A⟩⟨F⟩⟨F⟩⟨I⟩⟨C⟩⟨\⟩⟨*⟩⟨.⟩⟨L⟩⟨O⟩⟨G⟩⟨ENTER⟩ .

⇨ `Strip Source 0? (Y/N):`

As a MusicMaster user, this should be answered with a ⟨Y⟩ . Answering Yes causes the Merge program to remove all source zero events from the schedule. This feature removes dummy songs and other invalid events from the schedule before you import it into the UDS II. This eliminates many unnecessary errors before they are transferred to UDS II at schedule import time.

Unless directed to do otherwise by On Air Digital Technical Support personnel, set this item to ⟨Y⟩⟨ENTER⟩ .

Utilities for the UDS II—Configuring the Utilities; Merge Configuration, continued

⇨ `Set cart number range from spot log?`

This feature allows you to selectively merge spots only within a certain range of cart numbers in your traffic log with your music schedule. Setting this option to Ⓨ will gather spots over a certain range. Setting this option to Ⓝ will gather all spots.

Some UDS II users keep public service announcements and station promos as a regular part of their traffic schedule to fill in gaps when spot inventory is low. However, heavy spot loads may eliminate the need for these fill events. By keeping promos and PSAs grouped together in a very high (or very low) series of *numeric* cart numbers, it is possible to exclude them from the schedule through this configuration item.

> **IMPORTANT!** All cart numbers containing *letters* will be scheduled, regardless of any range you might set. Only purely numeric cart numbers will be excluded. In addition, all carts scheduled via your breaknotes will be merged into the schedule.

⇨ `Include spots beginning with: ____`

If you set the "cart number range" option above to Ⓨ, type the zero-padded four-digit cart number with which you wish to begin the search for spots to include in the schedule.

⇨ `Ending with: ____`

If you set the "cart number range" option above to Ⓨ, type the zero-padded four-digit cart number with which you wish to end the search for spots to include in the schedule.


```
            On Air USA Traffic Schedule Merge Program: 9.x

              UDS II Commercial Merge Configuration Setup

       Merge music logs with spot log schedules (Y/N): Y
       Enter Primary Digital Audio Source (01-69 Only): 03
       Enter (optional) UDS-HD Sources: 01  02  00  00
       Enter Studio ('Live') Source (01-69 Only): 10
       Permit LIVE spots in the schedule? (Y/N): Y
       Merge text breaknotes into schedule? (Y/N): N
       Filespec for spot log: G:\TRAFFIC\*.LOG
       Strip Source 0? (Y/N): Y
       Set cart number range from spot log? (Y/N): N
       Include spots beginning with: ▮    Ending with: ▮

         F2 to accept the setup or Escape to leave setup.
         Note: This program will restart after reconfiguring.

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```

Figure 3-5 A Typical UDS II Commercial Merge Configuration Setup

Utilities for the UDS II—Configuring the Utilities; Merge Configuration, continued

Once the configuration is complete, press ⌨F2 to save the information to disk.

You will see a confirmation on the screen like the one below:
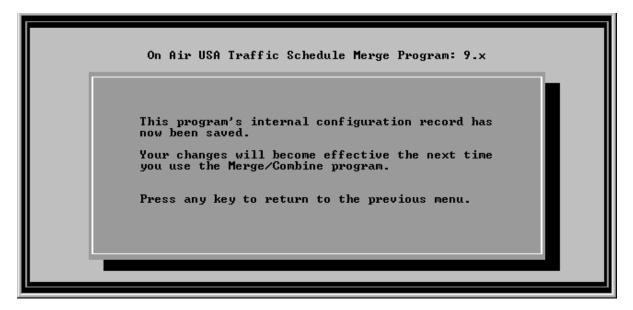
Figure 3-6 Successful Commercial Merge Configuration Setup

Note: After the new configuration is saved, the Merge program must be restarted before the new configuration values will take effect.

Press ⌨SPACE to clear the message return to the Utilities for the UDS II main menu.

Utilities for the UDS II, continued

Using the Utilities for the UDS II for the First Time

Before you may proceed with using the Utilities for the UDS II, you must create two very important data files: the *music library* and the *music schedule*. This section will guide you through creating these files from MusicMaster so you may then continue learning more about the UDS II and the Utilities.

Create the UDS II Music Library Database

When UDS II is initially installed or when making sweeping music changes, a special music library database file (known as "SSMUSIC.DB") of all the songs that will be scheduled by MusicMaster must be created.

1. From the MusicMaster main menu, press ⑤ to open the Schedule Music menu.

2. From the Schedule Music menu, press Ⓘ to open the Interface Utilities menu.

3. From the Interface Utilities menu, use the ⬇ key to highlight MS2ASC then press ENTER to begin the database creation process. MusicMaster displays version and directory information on a new screen.

4. Press SPACE to convert the music library. MusicMaster counts the songs as they are converted and displays diagnostic information. When the conversion is complete, MusicMaster reports Press Any Key to Return to MusicMaster.

5. Press SPACE to return to MusicMaster then press ESC twice to return to the main menu.

6. From the MusicMaster main menu, press Ⓡ to choose Return then press Ⓤ to select the UDSMenu option. This option starts the Utilities for the UDS II.

7. From the Utilities for the UDS II main menu, press ⑤ to choose System Maintenance.

8. From the System Maintenance menu, press Ⓑ to choose Build a UDS II Music Library.

9. The Music Library Conversion screen displays a dialog box showing the date and time of the most recently created LIBRARY.ASC file. If this matches the date and time at which you created this file, press ENTER or F2 to proceed.

Utilities for the UDS II—Using the Utilities for the First Time; Database, continued
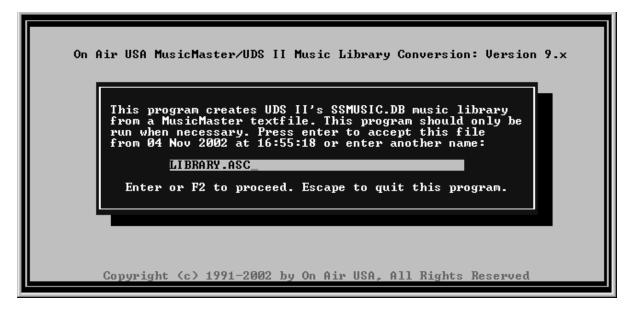
Figure 3-7 Music Library Conversion Dialog Box

If your computer's date and time are set correctly, the date and time reported for this file should closely match the current time. If the date and time do *not* match, check the date and time as reported on the main menu screen of MusicMaster for accuracy.

10. The Utilities will count songs as it converts the LIBRARY.ASC file from MusicMaster into the SSMUSIC.DB file that will be loaded into the UDS II control computer. When the conversion process is complete, you can view or copy the converted file.
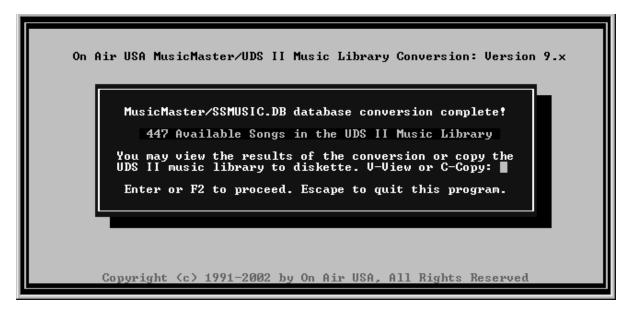
Figure 3-8 Music Library Conversion View/Copy Select Screen

Utilities for the UDS II—Using the Utilities for the First Time; Database, continued

11. Visually confirm that your music library was properly converted by pressing Ⓥ ⏎ to View a text copy of the SSMUSIC.DB data file.

```
                    Uiewing File: SSMUSIC.TXT
         ------------------------------------------------
         SSMUSIC.TXT: MusicMaster to UDS II Data Conversion
         ------------------------------------------------

Num  CD-Cut     Artist         Title            Intro    Time   Cue in
  1: M35A-00    Tillis, Pam    In Between Dances (:10/C) 03:15  [00.0]
  2: M373-00    Ball, David    Thinkin' Problem  (:00/C) 02:54  [00.0]
  3: M18A-00    Tritt, Travis  Take It Easy      (:17/C) 03:24  [00.0]
  4: M37A-00    Norwood, Daron  Cowboys Don't Cry (:07/C) 02:59  [00.0]
  5: M69A-00    McGraw, Tim     Maybe we should jus (:12/F) 02:45 [00.0]
  6: M95A-00    Estefan, Gloria It's Too Late    (:19/C) 03:13  [00.0]
  7: M993-00    Chesnutt, Mark  Down In Tennessee (:14/C) 03:14  [00.0]
  8: M93A-00    Twain, Shania   Dance With The One (:12/C) 02:17 [00.0]
  9: M173-00    Lawrence, Tracy The Coast Is Clear (:18/F) 03:40 [00.0]
 10: M179-00    Jackson, Alan   Who's Cheatin' Who (:22/F) 03:49 [00.0]
 11: M96A-00    Byrd, Tracy     Holdin' Heaven   (:11/C) 02:28  [00.0]
 12: M81A-00    Alabama         Give Me One More Sh (:08/C) 03:24 [00.0]
 13: M04A-00    Black, Clint    No Time To Kill   (:12/C) 03:54  [00.0]
 14: M17C-00    Anderson, John  Small Town        (:24/F) 03:57  [00.0]
 15: M99A-00    Brooks & Dunn   You're Gonna Miss M (:15/F) 04:34 [00.0]
 16: M34A-00    Blackhawk       Almost A Memory Now (:14/F) 02:59 [00.0]
 17: M131-00    Yearwood, Trisha In Another's Eyes (:14/C) 03:25 [00.0]
 18: M181-00    Morgan, Lorrie  Go Away          (:13/C) 02:47  [00.0]
        For complete information on special key functions, press F1
```

Figure 3-9 Sample View of a Converted Music Library

Press ⎋ to return to the View/Copy select screen when you are satisfied that the conversion was a success.

12. From the View/Copy select screen, press Ⓒ ⏎ to begin the database copying process.

13. Select the drive to which you wish to copy the database file.

⇨ To copy the file to a diskette, type Ⓐ ⏎ or Ⓑ ⏎, depending on whether the diskette is in the A: or B: diskette drive, respectively. This is the preferred method, even if a local area network is in use, because the UPDATE program on the UDS II computer requires that the new database file be stored on a diskette.

> **IMPORTANT**: If transferring the database file by diskette you must ensure that this diskette can be used by both the MusicMaster and the UDS II computers. Most UDS II computers use 3.5" 1.44Mb diskettes.

⇨ To copy the file to a network drive, type the drive letter you have set up for the UDS II computer on your local area network and press ⏎. The Utilities display a dialog box asking you to specify the destination path of the file. Type the complete path to the directory you have chosen as a destination, omitting only the drive letter, then continue by pressing ⏎.

Utilities for the UDS II—Using the Utilities for the First Time; Database, continued


```
On Air USA MusicMaster/UDS II Music Library Conversion: Version 9.x


    The UDS II requires a music library file, SSMUSIC.DB.
    Now that you've made this file, it must be placed on
    a diskette so that it can be loaded into the UDS II.

    Enter the diskette drive (A through F) that you'll use
    for the transfer of the UDS II music library: ▯

     Enter or F2 to proceed. Escape to quit this program.




       Copyright (c) 1991-2002 by On Air USA, All Rights Reserved
```
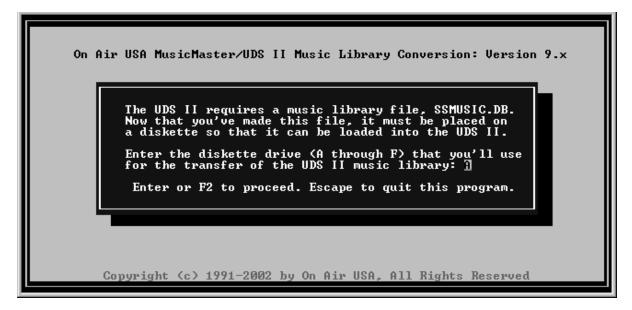
Figure 3-10 Music Library Conversion Drive Selection Screen

The Utilities for the UDS II will work for a moment while compressing the database into a self-extracting executable file called SSMUSIC.EXE then copy that file to the destination you specified.

14. When the SSMUSIC.EXE file has been successfully copied, press ⌷SPACE⌷ to continue.

15. Press ⌷ESC⌷ three times to return to the MusicMaster main menu.

If you copied the new music database to diskette, put this diskette in a safe place. You will have to install the music library on the UDS II computer before you may operate the UDS II for the first time. Before performing that procedure, however, please continue to the next step and generate a music schedule. The music schedule must *also* be prepared before you may operate the UDS II for the first time.

⌨ For information on installing the SSMUSIC.DB music library file into your UDS II, see *Installing the UDS II Music Library* in Chapter Four.

Utilities for the UDS II—Using the Utilities for the First Time, continued

Create the UDS II Music Schedule

Generating the daily playlist for the Ultimate Digital Studio II is a straightforward process with the MusicMaster/Utilities for the UDS II combination. MusicMaster creates the instructions that the UDS II will follow (both for music and non-music elements) via the LOG2ASC interface utility.

1. Schedule a single day of music in MusicMaster using your new UDS II-ready format clocks. Edit and save this as you would any other music schedule.

2. From the Schedule Music menu, press ⬜ to open the Interface Utilities menu.

3. From the Interface Utilities menu, use the ⬇ key to highlight LOG2ASC then press ⎆ to begin the schedule conversion process.

4. From the Music Schedule Export Utility screen, use the ⬇ key to highlight the correct day's schedule then press ⎆ to continue the schedule conversion process.

5. MusicMaster displays the times in the schedule as it converts the music schedule to an ASCII file that can be read by the Utilities for the UDS II. When the music schedule conversion process is complete, MusicMaster automatically returns to the Interface Utilities menu. Press ⎋ twice to return to the MusicMaster main menu.

6. From the MusicMaster main menu, press ⓡ to choose Return then press ⓤ to select the UDSMenu option. This option starts the Utilities for the UDS II.

7. From the Utilities for the UDS II main menu, press ⓖ to choose Generate a UDS II Schedule. This feature uses the MusicMaster music schedule to generate a playlist that can be manipulated by the Utilities for the UDS II and transferred to the UDS II.

8. The Playlist Generator screen displays a dialog box. Select the MusicMaster music schedule used to generate the UDS II playlist. You may press F3 to pick from a list of available music schedules or type in the name of the converted music schedule directly.

Utilities for the UDS II—Using the Utilities for the First Time; Schedule, continued


```
On Air USA UDS II/MusicMaster Playlist Generator: Version 9.x


   This program creates a PLAYLIST.SS music schedule file
   for the Ultimate Digital Studio II from a MusicMaster
   music file. Enter the filename or press F3 to pick:

                                          Mon 11112002.ASC ↑
                                          Sun 11102002.ASC
                                          Sat 11092002.ASC
   Enter or F2 to proceed. Escape to quit th Fri 11082002.ASC
                                          Thu 11072002.ASC
                                          Wed 11062002.ASC
                                          Tue 11052002.ASC ↓


   Copyright (c) 1991-2002 by On Air USA, All Rights Reserved
```

Figure 3-11 Playlist Generator Screen with F3 Pick List

If using the ⌨F3 pick list, the most recent schedule will be at the top of the list. If this is not the schedule you wish to use to generate the UDS II playlist, use the ⌨↓ key to highlight the correct day's schedule. When the correct schedule is highlighted, press ⌨ENTER to select the schedule and continue the generation process.

The name of each schedule file is made up of the schedule date in the format MMDDYYYY.ASC where MM represents the month, DD the day, and YYYY the year. For example, the schedule for November 9, 2002, is named 11092002.ASC.

9.   After you have selected a schedule to use—whether from the ⌨F3 pick list or by typing the name in manually—press ⌨ENTER to begin the generation process.

10. When the Playlist Generator reports success, press ⌨SPACE to return to the main menu.

You are now ready to learn about the Utilities for the UDS II and how to use them every day.

Utilities for the UDS II, continued

Using the Utilities for the UDS II Every Day—A Quick Tour

Now that you have configured the Utilities for the UDS II and used them to generate your first music library and music schedule files, you're ready to learn more about these powerful tools. The Utilities control all of the interaction between your music and traffic scheduling software programs and the UDS II. Each day, after you create your music schedule and your traffic schedule, you will use the Utilities for the UDS II to check, view, merge, edit, and transfer your complete UDS II daily schedule. Before you learn more about the Utilities for the UDS II in depth, study the next few pages for a quick "tour" of the software.

Begin the tour from the main menu of MusicMaster by pressing ⬛R to Return – Exit to the Operating System and then select ⬛U for UDSMenu. The main menu of the Utilities for the UDS II, as shown below, will be displayed.
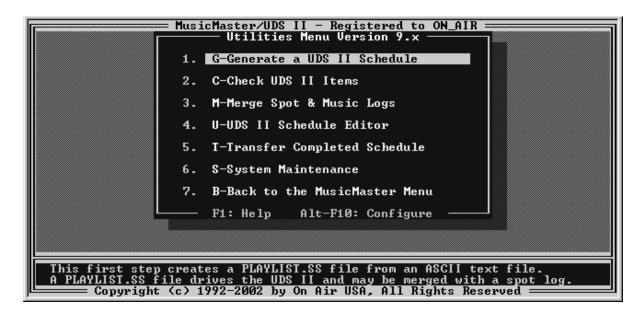
Figure 3-12 Utilities for the UDS II Main Menu

To give you a passing familiarity with the full capabilities of the Utilities for the UDS II, this quick tour will take you through each section of the Utilities in turn. Begin this tour with the Utilities feature you've just used to convert your MusicMaster schedule—press ⬛G to select Generate a UDS II Schedule.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

Generate a UDS II Schedule

This feature, as demonstrated only a few pages ago, generates a UDS II-compatible music schedule from your converted MusicMaster schedule. This is the first step you must take each day after scheduling and converting in MusicMaster.

While it is possible to manually enter the file names in this dialog box, we recommend using the [F3] pick list instead. The pick list makes it easy to select the correct schedule and reduces the chance of error. The [F3] pick list keeps the most recent schedule at the top of the list, shows the day of the week for each schedule, and prevents you from trying to generate a UDS II-compatible music schedule from a MusicMaster schedule that has not yet been converted or does not exist.

Figure 3-13 Playlist Generator Screen

Press [ESC] to return to the Utilities for the UDS II main menu.

📖 For detailed information on using this feature, see *Generate a UDS II Schedule* beginning on page 3-62 of this chapter.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

Check UDS II Items

Once a UDS II-compatible music schedule has been generated, you should use the Check UDS II Items suite of analysis tools before merging this music schedule with the traffic log. Examine the Check UDS II Items menu by pressing C from the main menu of the Utilities.

Each day after generating the music log, press V from the Check UDS II Items menu to check the schedule for errors, read the schedule for content, and ensure that spot catchers, jingles, and other breaknotes are properly placed in the schedule. Return to this feature *after* you merge the music and traffic logs to see if any errors were introduced and to make sure that all of the spots from the traffic log were properly caught.

```
                  UDS II Checker Version: 9.x
            Select Choice Below by Number, Letter or Cursor


    1.  V-View the UDS II Schedule (Print Option Available)
    2.  N-New Adds: Verify UDS II Music Adds, Changes and Deletes
    3.  E-Exit
                    ──── Press F1 Key for Help ────


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```

Figure 3-14 Check UDS II Items Menu

Whenever you use MusicMaster to add songs to, delete songs from, or alter song information for current songs in the UDS II music library, use the New Adds tool to verify that all the revisions you intended to make to the database were properly noted by the system.

Press ESC to return to the Utilities for the UDS II main menu.

For detailed information on using this feature, see *Check UDS II Items* beginning on page 3-65 of this chapter.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

Merge

Now that the UDS II-compatible music schedule has been generated and checked for errors, you must use the Merge Spot and Music Logs function to combine this file with your traffic schedule to create the complete UDS II playlist. Examine the Merge screen by pressing Ⓜ from the main menu of the Utilities.

As with the Generate function, it's possible to manually enter the file names in this dialog box. Again, we recommend using the F3 pick list instead. The pick list simplifies schedule selection and reduces the chance of error. The F3 pick list keeps the most recent schedule at the top of the list, shows the day of the week for each schedule, and prevents you from trying to merge with a traffic schedule that does not exist.
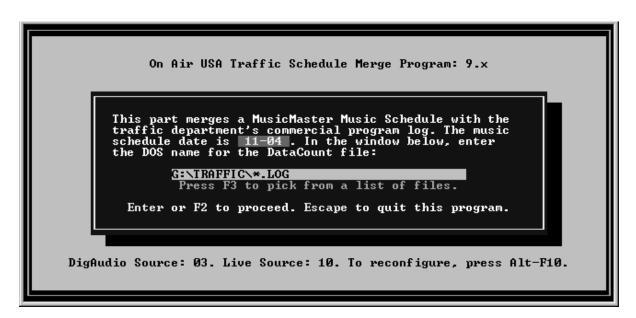
Figure 3-15 Merge Spot and Music Screen

After completing the Merge process, be sure to go back to Check UDS II Items to ensure that errors have not been introduced into the schedule and that all of the spots were properly caught by the spot catcher breaknotes.

Press ESC to return to the Utilities for the UDS II main menu.

  For detailed information on using this feature, see *Merge Spot & Music Logs* beginning on page 3-77 of this chapter.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

Edit

Once you have checked the merged UDS II schedule you can use the UDS II Schedule Editor to fix any errors or otherwise modify the merged schedule before sending this schedule to the UDS II. Examine the UDS II Schedule Editor by pressing ⒰ from the Utilities for the UDS II main menu. When the program finishes counting the events in the schedule, press SPACE to enter the UDS II Schedule Editor window.

```
                     UDS II Schedule Editor 9.x
                       Schedule Date:  11/12
                     Press F1 to Display Help Window


Source  CD/Cart     HH:MM      Length    Description
            ↓↓↓↓     Top of Hour Marker -   5:00 AM on 11/12   ↓↓↓↓
 ! 03   ID01       05:00 AM   00:10    KJZY JAZZ COLD FUSION I.D.
   01   8362-00    05:00 AM   02:51    :00 TIMES OF YOUR LIFE-PAUL ANKA
   01   M091-00    05:03 AM   02:51    :04 IF A MAN ANSWERS-KEITH, TOBY
   01   M057-00    05:06 AM   03:28    :08 DRIVE ME WILD-SAWYER BROWN
 ! 03   A903       05:09 AM   00:06    FAST JINGLES
   01   8333-00    05:09 AM   03:06    :00 COME MONDAY-JIMMY BUFFET
 ! 94   Relay On   05:13 AM   02:32    [1]
   01   TRAS-00    05:13 AM   03:12    :07 TRASHY WOMEN-CONFEDERATE RAIL
   01   M132-00    05:16 AM   03:21    :21 FOR A LITTLE WHILE-MCGRAW, TIM
 ! 03   Y101       05:19 AM   00:10    NEW Y-101 JINGLE
   01   8360-00    05:19 AM   03:43    :00 OPERATOR-JIM CROCE
 ! 84   Relay On   05:23 AM   13:27    :23:00 [4]
   01   M062-00    05:23 AM   03:18    :01 WHAT'S THE MATTER W-CHURCH, CLAUDIA
   03   JAC3       05:26 AM   15:30    JACK IS BACK IN THE MORNING
```

Figure 3-16 UDS II Schedule Editor Window

Use the ⬆ and ⬇ arrows to move the highlight up and down the merged schedule. The UDS II Schedule Editor can change, copy, swap, delete, insert, update, and move each event in this schedule. You can get an overview of the features by pressing Ⓕ¹ for a list of Editor commands.

Press ESC to return to the Utilities for the UDS II main menu.

📖 For detailed information on using this feature, see *UDS II Schedule Editor* beginning on page 3-83 of this chapter.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

Transfer

Now that you have generated, checked, merged, checked, edited, and checked the UDS II schedule, you are ready to send it to the UDS II for play on the air. This program also sends a report of any music library updates to the UDS II. Examine the Transfer Completed Schedule program by pressing ⊤ from the Utilities for the UDS II main menu.

```
            On Air USA UDS II Transfer System: Version 9.x


    The UDS II schedule which begins on 11/04 at 12:00 AM
    and ends on 11/04 at 11:82 PM must be transferred to
    to the proper network directory before the F10 import.

    Confirm the drive letter (A through Z) that you will
    use to transfer the UDS II Wednesday files: G

    Enter or F2 to accept. Escape to abort the transfer.



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```
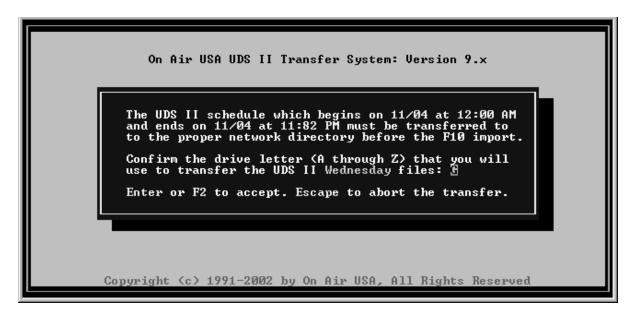
Figure 3-17 Transfer Completed Schedule Screen

➢ If you are transferring schedules using a diskette, place a diskette into the diskette drive. Enter the drive letter of the diskette drive (usually Ⓐ) then press ENTER to complete the transfer process.

➢ If you are transferring schedules using a local area network, make sure that both the MusicMaster computer and the UDS II control computer are properly logged in. Enter the network drive letter you have designated for UDS II schedule files then press ENTER . Type the exact file path on the network drive then press ENTER to complete the transfer process.

Press ESC to return to the Utilities for the UDS II main menu.

📖 For detailed information on using this feature, see *Transfer Completed Schedule* beginning on page 3-123 of this chapter.

Utilities for the UDS II—Using the Utilities Every Day; A Quick Tour, continued

System Maintenance

Admittedly, you will not be using all of the System Maintenance menu every day but no tour would be complete without a quick look at these critical tools. By now you have already used the License and Registration feature to complete the installation of these Utilities on your MusicMaster computer and the Build a UDS II Music Library feature to create the SSMUSIC.EXE file. These are features you should have to use only on rare occasion. However, the other features may be used more frequently. Examine the System Maintenance menu by pressing ⓢ from the main menu of the Utilities.

```
═══ MusicMaster/UDS II - Registered to ON_AIR ═══

        ┌─── Utilities: System Maintenance ───┐

         1.  B-Build a UDS II Music Library

         2.  U-Update the UDS II Music Library

         3.  M-Make a UDS II Data Backup

         4.  R-Restore a UDS II Data Backup

         5.  S-Schedule Restoration for UDS II

         6.  L-License and Registration

         7.  E-Exit to the Previous Menu

        └─── F1: Help    Alt-F10: Configure ───┘


  Creates the SSMUSIC.DB file required by UDS II when first started. This
  step should only be done at initialization or when there's a format change.
  ═══ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ═══
```

Figure 3-18 System Maintenance Menu

Use the Make a UDS II Data Backup feature to preserve the file paths and other system configuration for the Utilities for the UDS II to a diskette for safekeeping. We hope you will never have to use the Restore a UDS II Data Backup feature but updating the backup diskette at least weekly will speed recovery in the event of a scheduling computer crash or data loss.

Schedule Restoration similarly lets you recover lost data—this time in the form of merged schedules from the past 7 days. The Update the UDS II Music Library feature lets you enter database changes that will take effect when the current schedule is transferred and loaded.

⁂ For detailed information on using these feature, see *System Maintenance Menu* beginning on page 3-134 of this chapter.

This concludes your quick tour of the Utilities for the UDS II. Detailed instructions for using each feature of the Utilities for the UDS II begin on the next page. Press ⎋ESC to return to the Utilities for the UDS II main menu.

Utilities for the UDS II, continued

The Utilities for the UDS II—In-Depth

Now that you have familiarized yourself with the general outline of the capabilities of the Utilities for UDS II, it is important that you understand each of these features in depth. Each feature of the Utilities for the UDS II is discussed and demonstrated in the order they appear on the main menu of the Utilities. This in-depth discussion begins on page 3-62.

The Utilities for the UDS II are accessed from within the MusicMaster music scheduling software. To start using the Utilities, follow the steps outlined below.

1. If you are not already running MusicMaster, type Ⓜ Ⓤ Ⓢ Ⓘ Ⓒ [ENTER] to start the MusicMaster program.

2. From the MusicMaster main menu, press Ⓡ to select `Exit to the Disk Operating System`.

3. Press Ⓤ to select `UDSMenu` and access the main menu for the Utilities for UDS II.

```
╔══════════════ MusicMaster/UDS II - Registered to ON_AIR ══════════════╗
║              ┌─────────── Utilities Menu Version 9.x ───────────┐      ║
║              │  1.  ▐G-Generate a UDS II Schedule▌              │      ║
║              │                                                  │      ║
║              │  2.  C-Check UDS II Items                        │      ║
║              │                                                  │      ║
║              │  3.  M-Merge Spot & Music Logs                   │      ║
║              │                                                  │      ║
║              │  4.  U-UDS II Schedule Editor                    │      ║
║              │                                                  │      ║
║              │  5.  T-Transfer Completed Schedule               │      ║
║              │                                                  │      ║
║              │  6.  S-System Maintenance                        │      ║
║              │                                                  │      ║
║              │  7.  B-Back to the MusicMaster Menu              │      ║
║              │  ─── F1: Help    Alt-F10: Configure ───          │      ║
║              └──────────────────────────────────────────────────┘      ║
║ This first step creates a PLAYLIST.SS file from an ASCII text file.    ║
║ A PLAYLIST.SS file drives the UDS II and may be merged with a spot log.║
╚═══════════ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ══╝
```

Figure 3-19 The Utilities for the UDS II Main Menu

Utilities for the UDS II—In Depth, continued

Utilities for the UDS II Main Menu
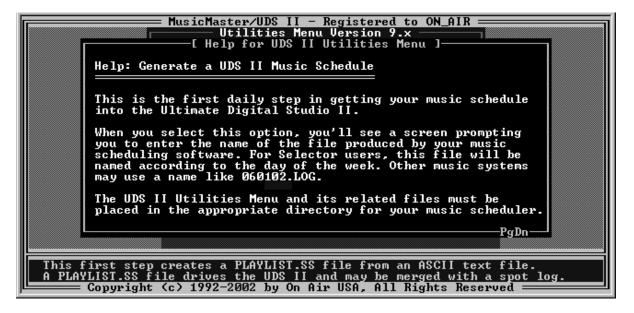
⇨ **Selecting Menu Items**

There are several ways to select the menu items from the main menu. Throughout these instructions, you have been using the first letter of each menu item to select that feature. On the following pages each item is shown with the "hot key" letter that can be used to access the item.

The menu items are also numbered and pressing the number to the far left of a menu item will select that feature. You may also use the ⬆ and ⬇ arrow keys to highlight each item then press ⟦ENTER⟧ to continue. This method has a side-benefit related to online help, as described below.

⇨ **Getting Help**

The Utilities menu features a dual Help system. Selecting an option by moving the highlight bar with the ⬆ and ⬇ arrow keys displays two lines of corresponding "Quick-Help" near the bottom of the menu screen. In addition, detailed context-sensitive Help is available at any time by pressing the ⟦F1⟧ key. For example, pressing ⟦F1⟧ from the main menu with the first item `1. G Generate a UDS II Schedule` highlighted pops up the following Help window:

```
═══════════ MusicMaster/UDS II - Registered to ON_AIR ═══════════
                ──── Utilities Menu Version 9.x ────
               ──[ Help for UDS II Utilities Menu ]──

    Help: Generate a UDS II Music Schedule


    This is the first daily step in getting your music schedule
    into the Ultimate Digital Studio II.

    When you select this option, you'll see a screen prompting
    you to enter the name of the file produced by your music
    scheduling software. For Selector users, this file will be
    named according to the day of the week. Other music systems
    may use a name like 060102.LOG.

    The UDS II Utilities Menu and its related files must be
    placed in the appropriate directory for your music scheduler.

                                                         ─PgDn─

   This first step creates a PLAYLIST.SS file from an ASCII text file.
   A PLAYLIST.SS file drives the UDS II and may be merged with a spot log.
   ═══════ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ═══════
```

Some of the online context-sensitive Help entries are so detailed that they require more than one screen for display. Use the ⟦PG UP⟧ and ⟦PG DN⟧ keys as indicated in the lower right corner of the screen to page through all of the available Help. Press ⟦ESC⟧ to exit Help.

Utilities for the UDS II, continued

Utilities for the UDS II Menu Selections

Ⓖ Generate a UDS II Schedule

Generate creates a UDS II-compatible schedule from the converted MusicMaster music schedule. Details begin on page 3-62.

Ⓒ Check UDS II Items

Check allows you to examine a schedule for errors and view recent changes to the UDS II music library. Details begin on page 3-65.

Ⓜ Merge Spot & Music Logs

Merge permits you to merge your music and traffic logs into one schedule. Details begin on page 3-77.

Ⓤ UDS II Schedule Editor

Edit lets you make changes, deletions, or additions to schedules before transfer to the UDS II. Details begin on page 3-83.

Ⓣ Transfer Completed Schedule

Transfer sends the schedule to the UDS II. Details begin on page 3-123.

Ⓢ System Maintenance

System Maintenance allows you to create new UDS II music libraries and save UDS II-specific information against data loss. Details begin on page 3-134.

Ⓑ Back to the MusicMaster Menu

Closes the Utilities for the UDS II and returns you to the MusicMaster main menu.

Utilities for the UDS II, continued

Ⓖ **Generate a UDS II Schedule**

Generating the daily playlist for the Ultimate Digital Studio II is a straightforward process with the MusicMaster/Utilities for the UDS II combination. After creating and converting a music schedule in MusicMaster, use the Generate a UDS II Schedule feature to generate a music schedule that can be checked, merged, manipulated, and transferred to the UDS II. This schedule contains the event-by-event instructions telling UDS II what to play and when to play it.

1. Schedule a single day of music in MusicMaster using your UDS II-ready format clocks. Edit and save this as you would any other music schedule.

2. From the Schedule Music menu, press 🔲 to open the Interface Utilities menu.

3. From the Interface Utilities menu, use the ⬇ key to highlight LOG2ASC then press ENTER to begin the schedule conversion process.

4. From the Music Schedule Export Utility screen, use the ⬇ key to highlight the correct day's schedule then press ENTER to continue the schedule conversion process.

5. MusicMaster displays the times in the schedule as it converts the music schedule to an ASCII file that can be read by the Utilities for the UDS II. When the music schedule conversion process is complete, MusicMaster automatically returns to the Interface Utilities menu. Press ESC twice to return to the MusicMaster main menu.

6. From the MusicMaster main menu, press 🅁 to choose Return then press 🆄 to select the UDSMenu option. This option starts the Utilities for the UDS II.

7. From the Utilities for the UDS II main menu, press 🅖 to choose Generate a UDS II Schedule.

8. The Playlist Generator screen displays a dialog box. Select a MusicMaster music schedule to be used to generate the UDS II playlist. You may press F3 to pick from a list of available music schedules or type in the name of the converted music schedule directly.

Utilities for the UDS II—Generate a UDS II Schedule, continued

Figure 3-20 Playlist Generator Screen with F3 Pick List

If using the ⌨F3 pick list, the most recent schedule will be at the top of the list. If this is not the schedule you wish to use to generate the UDS II playlist, use the ⬆ and ⬇ arrow keys to highlight the correct day's schedule. When the correct schedule is highlighted, press ⌨ENTER to select the schedule and continue the generation process.

The name of each schedule file is made up of the schedule date in the format MMDDYYYY.ASC where MM represents the month, DD the day, and YYYY the year. For example, the schedule for November 9, 2002, is named 11092002.ASC.

9. After you have selected a schedule to use—whether from the ⌨F3 pick list or by typing the name in manually—press ⌨ENTER to begin the generation process.

10. When the Playlist Generator reports success, press ⌨SPACE to return to the main menu.

After a schedule has been prepared in MusicMaster, you must check it for errors before transferring it to the UDS II.

If you receive an error message while generating a schedule, go back to MusicMaster and make sure that all of the songs in the schedule meet the criteria for a valid song (beginning on page 3-5). Fix any problems in the MusicMaster music library, reschedule the day in question, then begin this process again.

Utilities for the UDS II, continued

Ⓒ **Check UDS II Items**

After a schedule has been prepared in MusicMaster, you must check it for errors before transferring it to the UDS II.

With the Check program you can check and print your unmerged or merged schedule and verify music library updates before you send them to the UDS II.

The UDS II Check features are explained in detail on the following pages. They will be discussed in the order they appear on the menu shown below.
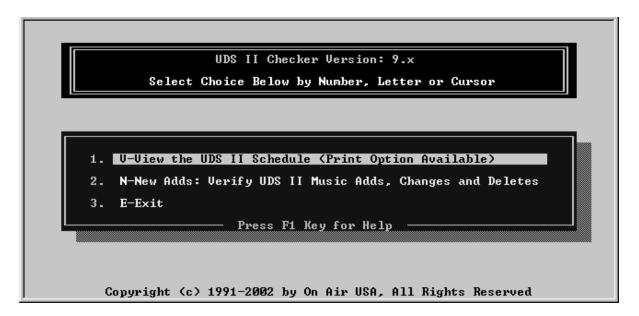
Figure 3-21 Check UDS II Items Menu

Utilities for the UDS II—Check UDS II Items, continued

☑—View the UDS II Schedule (Print Option Available)

The View program displays the schedule that will drive the UDS II for that single day. The View program assists you in spotting problems with a schedule *before* it is imported into the UDS II. You do not want any non-scheduled positions or errors in your schedule. You *must* correct these problems before you load the schedule into the UDS II. To View the UDS II schedule, follow the directions outlined below:

1.   From the UDS II Check menu, type ☑.

     The current schedule appears, as shown in the example below.

```
      UDS II SCHEDULE - PLAYLIST.SS FOR: 11/18/02   <EVUE 9.x>

              This UDS II Schedule is Error Free.

>> == TRANSFER STATUS: This schedule has NOT been transferred.
Warning! This is an UNMERGED LOG! It should not be imported into the UDS!
>> - - - - - - - - - -  H O U R   M A R K E R  - - - - - - - - - - - - - -
Source   CD/Cart    Date   HH:MM   Length  Title/Artist & Breaknotes
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪
! 09     DigAudio   11/18 12:00 AM 00:10   <1206> KJZY Legal ID
! 98     Text Notes 11/18 12:00 AM 00:00   PROMO REEBO AND ZOOTIE MORNING SHOW
  09     DigAudio   11/18 12:00 AM 00:00<  +0 [V] <VO01> Bruce Kelly V/O
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪
  01     Z502-00    11/18 12:00 AM 07:58   :53 Stairway to Heaven--Led Zeppelin
  01     B120-00    11/18 12:08 AM 05:01   :10 Breezin'--Benson, George
  01     E129-00    11/18 12:13 AM 03:13   :10 Someone Else's Trou--Highway 101
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪
! 94     Relay On    11/18 12:16 AM 00:02  [1] Relay 1 On
! 81     Delete to   11/18 12:16 AM 00:00  :08:00 Safe Time Update
! 99     + Catcher   11/18 12:16 AM 00:00  :00 :15 Catcher #1
! 09     DigAudio    11/18 12:16 AM 00:10  <1207> KJZY Medium-Fast Jingle
▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪▪
  01     K597-00     11/18 12:17 AM 03:53  :16 Feelin' Satisfied--Boston
  01     E143-00     11/18 12:20 AM 03:31  :15 Guardian Angels--Judds
         For complete information on special key functions, press F1
```

Figure 3-22 View the UDS II Schedule Window

The top line of the view window shows the schedule date, followed by error status information, transfer status information, merge status information, and finally the schedule itself.

Utilities for the UDS II—Check UDS II Items; View, continued

Error Status Information

⇨ If there are errors found in the schedule, View displays the following flashing red message:

> `Errors found in the schedule.`

📖 For detailed information on the errors that can be detected and suggestions on how to correct them, see *Fixing Common Check Errors* on page 3-76 of this chapter.

⇨ If there are no errors found in the schedule, View displays the following steady yellow message:

> `This UDS II Schedule is Error Free.`

Transfer Status Information

The transfer status of the schedule is displayed next, indicating whether or not the schedule has been transferred for import into the UDS II.

⇨ If the schedule has not been transferred, View displays the following steady brown message:

> `This schedule has NOT been transferred.`

⇨ If the schedule has been transferred, View displays the following steady cyan message:

> `This schedule has been transferred.`

Merge Status Information

The status of the merging of the music and traffic schedules is displayed next.

⇨ If the schedules have not been merged, View displays the following bright red message:

> `Warning! This is an UNMERGED LOG!`
> `It should not be imported into the UDS II!`

⇨ If the schedules have been merged successfully, View does not display a merge-related message.

Utilities for the UDS II—Check UDS II Items; View, continued

Schedule Information

Following the initial status information is the schedule itself. The events in the schedule are listed chronologically, in the order they are scheduled to play in the UDS II. Each event is divided into six columns of information: Source, CD/Cart, Date, HH:MM, Length, and Title/Artist & Breaknotes.

1. The *Source* column shows the UDS II source number.

    If the source number is preceded by an exclamation point (!), that event is *mandatory* and will not be removed by the Source 81 non-destructive time-update command.

2. The *CD/Cart* column displays a variety of event-specific descriptions:

    For a *song on RadioSuite hard drive*, the cart number and track 00 is shown.

    For a *live studio* event, `-Live Studio` is displayed.

    For *non-music digital audio events*, the CD/Cart column displays the following:

Using the Merge Program?	Has the log been merged?	CD/Cart column
No	--	`[NONMUSIC]`
Yes	No	`DigAudio`
Yes	Yes	Actual cart number

For *time-update commands*, the CD/Cart column displays the following:

Source	Breaknote Description	CD/Cart column
81	Non-Destructive Time Update	`Delete To`
82	Destructive Time Update	`Delete To`
83	Update and Advance Time Update	`Do Next @`
90	Fill/Schedule Time Update	`Fill to @`

Utilities for the UDS II—Check UDS II Items; View, continued

For *utility relay commands*, the CD/Cart column displays the following:

Source	Breaknote Description	CD/Cart column
84	Utility Relay On by Time	`Relay On`
85	Utility Relay Off by Time	`Relay Off`
94	Utility Relay On by Position	`Relay On`
95	Utility Relay Off by Position	`Relay Off`

For *system start and stop commands*, the CD/Cart column displays the following:

Source	Breaknote Description	CD/Cart column
86	System Stop by Time	`Sys Stop`
87	System Start, Live Mode	`Sys Start`
88	System Start, AutoSegue Mode	`Sys Start`
96	System Stop by Position	`Sys Stop`

For *miscellaneous commands*, the CD/Cart column displays the following:

Source	Breaknote Description	CD/Cart column
80	Simple Network Recording	`Recording@`
89	Load Hotkey Files	`Load File`
97	Load Schedule	`Load Skd`
98	Informational Text Message	`Text Notes`
99	Spot-Catcher (prior to merge only)	`+Catcher`

📖 For more information on breaknotes and their uses, refer to the *UDS II Breaknote Commands* section starting on page 3-8.

Utilities for the UDS II—Check UDS II Items; View, continued

3. The *Date* column shows the month and day the event is scheduled to air.

4. The *HH:MM* column shows the time (where HH is the hour and MM is the minute) the event is scheduled to air.

    If you wish to display hours, minutes and seconds on this screen (and throughout the Utilities for the UDS II), use the SECONDS.UDS flag file.

    📖 See *Customizing the Date Display* on page 3-153 later in this chapter for more information on flag files and how to create them.

5. The *Length* column shows the scheduled run time, in minutes and seconds, for the event.

    If a less-than symbol (<) follows the run time the displayed event is a *time-compare* event. UDS II will play this event for the amount of time listed before segueing to the next event in the schedule.

6. The *Title/Artist & Breaknotes* column shows the intro, title, and artist name for songs, the sponsor name for spots, the scheduled action time for updates and relay commands, and the breaknote description of liners, jingles, and other non-music events.

Utilities for the UDS II—Check UDS II Items; View, continued

Color codes are also used to identify each event in the schedule:

⇨ *Songs* from any source appear in white.

⇨ *Non-music audio events* appear in light green after the spot and music logs have been merged and are set off from the rest of the schedule by a row of light green boxes.

⇨ *System commands* appear in light blue.

⇨ *Spot catchers* (Source 99) appear in magenta.

   Note: Spot catchers are not displayed after the schedule has been merged.

⇨ The *total number of events* and *total time in the hour* are shown in yellow at the end of each hour, just prior to the hour marker.

   Note: It is normal for times like 1:64 a.m. to be displayed. Modest over-scheduling of an hour is generally desired and, although a time such as 64 minutes past the hour doesn't exist in the "real world," it is a valid scheduled-at time for the UDS II.

⇨ *Warnings* of potential problems in the schedule are shown in red:

   • An event scheduled from "Source 0" means the song does not have a UDS II source number in MusicMaster's music library or no song was scheduled by MusicMaster.

   • Live studio events or other non-digital audio events are scheduled back to back. If you intended to schedule back-to-back live studio events, you can configure the Utilities to ignore this conflict. For other non-digital audio events, this effect of this error is also dependent on the UDS II equipment file settings and your UDS II system configuration.

Utilities for the UDS II—Check UDS II Items; View, continued

Moving Around in View

To find errors in the schedule being viewed, either press ⌈CTRL⌉ ⌈PG DN⌉ or ⌈ENTER⌉ . This moves the display to the next error in the schedule, if one exists. If no error is found, the display does not change. To return the display to a previous error, either press ⌈CTRL⌉ ⌈PG UP⌉ or ⌈CTRL⌉ ⌈ENTER⌉ .

> *Note***:** Make a note of any errors, so you can correct them in MusicMaster.

To browse the schedule without checking for errors, a number of commands are available to move the display.

⌈↑⌉   Scrolls the display **up** one line.

⌈↓⌉   Scrolls the display **down** one line.

⌈HOME⌉   Zooms to the **beginning** of the schedule or report, so that the first line appears at the top of the display.

⌈END⌉   Zooms to the **end** of the schedule or report, so that the End of Report marker is at the bottom of the display.

⌈PG DN⌉   Scrolls the display **down 22 lines** from the current position.

⌈PG UP⌉   Scrolls the display **up 22 lines** from the current position.

⌈↹⌉   Tab - Moves forward to the **next hour**.
           The hour marker appears at the top of the view window.

⌈SHIFT⌉ ⌈↹⌉ Shift+Tab - Moves backward to the **previous hour**.
           The hour marker appears at the top of the view window.

⌈F1⌉   Displays the **Help** window. Pressing ⌈ESC⌉ or ⌈X⌉ from the Help window returns the display to the previous screen.

⌈ESC⌉   **Exits** View, returning to the UDS II Check menu.

> *Note***:** The schedule display does not wrap around or move beyond the beginning or end of the scheduled events list.

Utilities for the UDS II—Check UDS II Items; View, continued

Time Status

The schedule is separated by hour markers. At the end of each hour, the "Total Time" and "Number of Events" are displayed for that hour. The status message at the end of the schedule shows the "Total Time of Entire Schedule" and the "Total Number of Events".

```
        UDS II SCHEDULE - PLAYLIST.SS FOR: 11/09/02  (EVUE 9.x)
   03      4003        11/09 11:48 PM 00:04    MERRY MELODIES
▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌
   01      M779-00     11/09 11:48 PM 03:08    :17 Talk of the Town-Pretenders
   01      C428-00     11/09 11:51 PM 03:02    :15 Here Comes the Sun-Beatles
▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌
 ! 81      Delete to   11/09 11:54 PM 00:00    :48:00 TIME UPDATE
 ! 03      7026        11/09 11:54 PM 00:30    MARS
 ! 03      7007        11/09 11:55 PM 00:30    MIDAS
   03      1213        11/09 11:55 PM 00:09    WPLJ JINGLE ON UDS II
▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌
   01      D215-00     11/09 11:55 PM 02:51    :21 Does Anybody Really Know Wh-Chic
   01      M538-00     11/09 11:58 PM 03:47    :12 Hello It's Me-Rundgren, Todd
▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌
 ! 81      Delete to   11/09 11:62 PM 00:00    :56:00 TIME UPDATE
▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌▐▌
   01      L126-00     11/09 11:62 PM 03:55    :25 Let's Dance-Bowie, David
      ↑↑↑↑ Total Time in 11 PM Hour: 66:00 -- Number of Events: 39 ↑↑↑↑

   Total Time of Entire Schedule: 26:53:51 -- Total Number of Events: 1054


End of Report
*- <End of File> -*
        For complete information on special key functions, press F1
```

Figure 3-23 Viewing the end of the schedule and the totals

Print Schedule

If you would like to print the displayed schedule to an Epson-compatible printer, the following commands are available:

P   Prints the **entire** schedule in a series of sixty-line pages.

ALT P Prints a **range** of hours.

     The range of hours is inclusive, so that choosing 01 PM through 03 PM prints the 1 p.m., 2 p.m. and 3 p.m. hours.

     Choosing 04 AM for both the begin and end hour prints the 4 a.m. hour only.

Utilities for the UDS II—Check UDS II Items, continued

N—New Adds: Verify UDS II Music Adds, Changes and Deletes

Anytime a song is added or deleted, or the title, artist, cart number, intro time, run time, or ending of a song is changed in MusicMaster's music library, special files called NEWADDS.ASC, DELETES.ASC and CHANGES.ASC are created automatically.

After making these changes in MusicMaster, the next time you transfer a schedule to the UDS II, these files are combined into a file called NEWADDS.DB and transferred with the schedule. During schedule import, the NEWADDS.DB file updates the UDS II music library.

> *Note*: Moving a song to another MusicMaster category or a change in tempo, texture, or mood is not a "change" in this context since UDS II does not use or store this information.

The New Adds report allows you to preview these music library updates after they have been transferred but before those changes are actually imported to the UDS II.

To display the New Adds report, follow the directions outlined below:

1.   From the UDS II Check menu, type N .

     The UDS II Music Change/Add/Deletion report appears.

```
          UDS II MUSIC CHANGE/ADD/DELETION REPORT   (EUUE 9.x)
Summary of: NEWADDS.OLD dated Tue Nov 12 13:04:22 2002
The following is a summary of the file's contents
-------------------------------------------------------------------------------
DELETE     A128-00 Love Survives        Captain & Tennille  (:07/C) 03:24   [00.0]
NEW ADD    A078-00 Stairway to Heaven   Brave Combo with Ti (:15/C) 02:58   [00.0]
NEW ADD    A978-00 Rock and Roll Part   Glitter, Gary       (:10/F) 03:45   [00.0]
CHANGE     A073-00 The Christmas Song   4 P.M.              (:00/C) 02:55   [00.0]
CHANGE     A133-00 Peaches              Presidents Of The U (:15/C) 02:48   [00.0]

Number of DELETED songs: 1.
Number of NEW ADDS: 2.
Number of CHANGED songs: 2.
-------------------------------------------------------------------------------

Summary of: NEWADDS.001 dated Tue Nov 12 13:04:22 2002
The following is a summary of the file's contents
-------------------------------------------------------------------------------
DELETE     A128-00 Love Survives        Captain & Tennille  (:07/C) 03:24   [00.0]
NEW ADD    A078-00 Stairway to Heaven   Brave Combo with Ti (:15/C) 02:58   [00.0]
NEW ADD    A978-00 Rock and Roll Part   Glitter, Gary       (:10/F) 03:45   [00.0]
CHANGE     A073-00 The Christmas Song   4 P.M.              (:00/C) 02:55   [00.0]
CHANGE     A133-00 Peaches              Presidents Of The U (:15/C) 02:48   [00.0]
          For complete information on special key functions, press F1
```

Figure 3-24 UDS II Music Change/Add/Deletion Report

Utilities for the UDS II—Check UDS II Items, continued

2. Use the ⌨PG DN key and the ⬆ and ⬇ arrow keys to review the report.

    After the NEWADDS.DB music library update file is created and transferred, it is
    renamed to NEWADDS.OLD and copied to NEWADDS.001. Previous NEWADDS
    files are renamed accordingly with the oldest file having the highest number.

    The most recent file, NEWADDS.OLD, is displayed at the beginning of the report and is
    immediately followed by NEWADDS.001 and all other previous NEWADDS files in
    ascending numerical order. The oldest NEWADDS file is at the end of the New Adds
    report.

```
            UDS II MUSIC CHANGE/ADD/DELETION REPORT  (EVUE 9.x)
DELETE      C185-00 How Do I Get There   Carter, Deana      (:20/F) 03:19  [00.0]
NEW ADD     M186-00 Everywhere           McGraw, Tim        (:10/F) 04:15  [00.0]

Number of DELETED songs: 1.
Number of NEW ADDS: 1.
---------------------------------------------------------------------------------

Summary of: NEWADDS.007 dated Mon Jan 28 17:59:06 2002
The following is a summary of the file's contents
---------------------------------------------------------------------------------
DELETE      E581-00 Helping Me Get Over Tritt, Travis      (:12/C) 04:00  [00.0]
NEW ADD     E679-00 Who's Cheatin' Who  Jackson, Alan      (:22/F) 03:49  [00.0]
CHANGE      153B-00 If It's All Good     Colour Club        (:22/F) 04:07  [00.0]

Number of DELETED songs: 1.
Number of NEW ADDS: 1.
Number of CHANGED songs: 1.
---------------------------------------------------------------------------------



End of Report
*— <End of File> —*
          For complete information on special key functions, press F1
```

Figure 3-25 Music Change/Add/Deletion Report with Old NEWADDS Lists

    The New Adds report may be printed by pressing 🅿.

3. When you are done viewing this report, press ⌨ESC to return to the UDS II Check Menu.

🅔—Exit

This option exits the UDS II Check menu and returns you to the Utilities for the UDS II
menu. The ⌨ESC key may also be pressed to exit.

Utilities for the UDS II—Check UDS II Items, continued

Fixing Common Check Errors

➪ `A special file <Filename> must be present to select <Option>.`

The file you are trying to check cannot be found by Check.

Option:	Filename:
View	PLAYLIST.SS
New Adds	NEWADDS.DB or NEWADDS.OLD

PLAYLIST.SS is created when you generate a UDS II music schedule from the converted MusicMaster music schedule. Try reconverting the music schedule inside MusicMaster and then generate a new UDS II schedule with the Utilities for the UDS II.

NEWADDS.DB is created for the purpose of updating the UDS II music library when any additions, deletions, or changes are made in MusicMaster. This file is only created when significant changes are made to the music library and a schedule is transferred.

NEWADDS.OLD is a copy of the most-recently transferred NEWADDS.DB report. This file is created only after the schedule is transferred.

➪ `Number of days in UDS II Schedule is more than 1`

Check can only analyze or print a log up to one day long.

➪ `PLAYLIST.SS is incorrect size or zero`

Indicates a problem with the schedule file. Try reconverting the schedule from MusicMaster and regenerating from inside the Utilities. If that does not solve the problem, examine the LOG2ASC.DEF file. Correct any discrepancies then try reconverting and regenerating again. If that does not solve the problem, exit all programs, run SCANDISK, and try again. To run the SCANDISK program, type Ⓢ Ⓒ Ⓐ Ⓝ Ⓓ Ⓘ Ⓢ Ⓚ ENTER from the DOS command prompt.

📕 Read the manual provided with your MusicMaster computer's operating system for more information about using the SCANDISK program.

📕 Read *MusicMaster Conversion Configuration Files* beginning on page 3-156 for more information about the LOG2ASC.DEF configuration file.

Utilities for the UDS II, continued

Ⓜ Merge Spot & Music Logs

IMPORTANT! In addition to the UDS II Merge traffic interface from On Air Digital, your traffic and billing software may require an automation interface provided by the traffic and billing software company. Please contact them *directly* for more information.

The UDS II uses a special computer file, known as a *schedule* to know what to play and when to play it. Music schedules are produced by MusicMaster, and merged with traffic logs using the Utilities for the UDS II Merge Spot & Music Logs function. The Merge Spot & Music Logs function allows you to load a single day's schedule into UDS II that plays not just music, but also liners, commercials, sweepers, jingles, legal identifiers, and much more.

Merge creates a composite log, placing spots from the traffic and billing software's commercial log into the music schedule at places you preset for the commercial breaks to occur. Merge also processes rotating breaknotes, live spots, empty stop sets, conditional breaknote commands and more.

The basic procedure for putting the logs together is as follows:

1. Convert a single-day music log from MusicMaster.

2. Generate a UDS II-compatible schedule using the Utilities.

3. Check the music log for errors using the UDS II Check features.

4. Merge the music log with the matching single-day traffic log.

5. Check the music log again for any errors that may have been introduced during the Merge process.

Utilities for the UDS II—Merge Spot & Music Logs, continued

Getting Started

From the Utilities menu, press ⬚Ⅿ to select Merge Spot & Music Logs.

⇨ If there is no Merge program installed in the subdirectory, the following message appears on your screen:

```
        The UDS II Commercial Log Merge System is not
                   installed on your computer.
     Call On Air Digital if you'd like to have this program.
```

If you have installed the Utilities for UDS II and you get this message, you should reinstall the Utilities as detailed on page 3-36 of this chapter.

If that *still* does not fix the problem, please contact On Air Digital to arrange for the shipment of a new set of Utilities.

⇨ If the Merge utility is installed properly and you are running the program for the first time, the Commercial Merge Configuration Setup screen will be displayed. You must set up the Merge program before continuing. Details for configuring the Merge utility begin on page 3-42.

Once the Merge program is properly installed and configured, proceed to *Using the Merge Program* on page 3-79.

Utilities for the UDS II—Merge Spot & Music Logs, continued

Using the Merge Program

When you plan to merge the MusicMaster music schedule with a traffic program's commercial log, the music schedule *must* be converted from MusicMaster as a single 24-hour-day log. This single-day music log is then merged with the traffic department's single-day traffic log using the Merge utility. Follow the directions below to merge your spot and music logs:

1. From the Utilities menu, press Ⓜ to select Merge Spot & Music Logs.

2. The computer displays the Log File Name entry screen. The entry field contains the "filespec for spot log" you entered in the Commercial Merge Configuration Setup screen, as described on page 3-42.

    ⇨ If you pre-configured a partial filespec as well as a drive and path for the spot log, press 🄵🄸 to pick from a list of matching log files. Use the ⬆ or ⬇ key to highlight the spot log to merge and press ⌅ᴱᴺᵀᴱᴿ to accept it. Press ⌅ᴱᴺᵀᴱᴿ again to begin the merge process.

    > For example, if you configured Merge to find Datacount DARTS spot logs (with the file extension .LOG) in the UDSLOGS subdirectory of the G: drive, the entry field will show G:\TRAFFIC*.LOG.
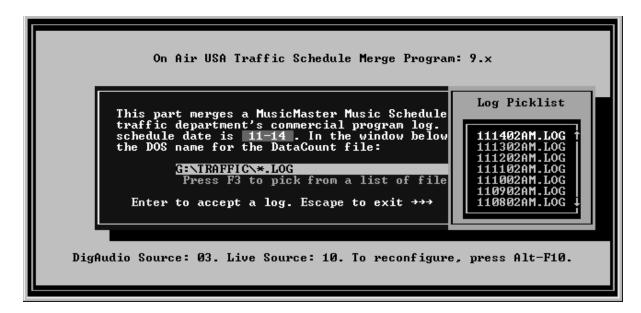
Figure 3-26 UDS II Merge Program with Log Pick List

Utilities for the UDS II—Merge Spot & Music Logs; Using the Merge Program, continued

> ➢ To merge a schedule for Thursday, November 14, 2002, press ⬚F3 to display a list of available spot logs.

> ➢ Use the ⬚↓ key to move the highlight 111402AM.LOG.

> ➢ Press ⬚ENTER to select this log.
> The log file name you selected will replace "*.LOG" in the entry field.

> ➢ Press ⬚ENTER or ⬚F2 to begin the merge process.

⇨ If you pre-configured a drive and path for the spot log, type only the spot log's file name and press ⬚ENTER to begin the merge process.

> ➢ For example, if you configured the Merge program to find CBSI spot logs (with the file extension `.EVT`) in the root directory of the B: diskette drive, the entry field will show `B:\` .

> ➢ To merge a log for Thursday, type ⬚T ⬚H ⬚U ⬚. ⬚E ⬚V ⬚T .

> ➢ Press ⬚ENTER to begin the merge process.

⇨ If you did not pre-configure filespec information for the spot log, type the drive letter, directory path, and file name of the spot log and press ⬚ENTER to begin the merge process.

> ➢ For example, if the log for Thursday, November 14, 2002, is stored in the FMLOGS subdirectory on the F: drive, type
> ⬚F ⬚: ⬚\ ⬚F ⬚M ⬚L ⬚O ⬚G ⬚S ⬚\ ⬚1 ⬚1 ⬚1 ⬚4 ⬚0 ⬚2 ⬚A ⬚M ⬚. ⬚L ⬚O ⬚G

> ➢ Press ⬚ENTER to begin the merge process.

3. The computer works for a moment then, if the merge process is successful, displays the following message:

```
Success! Merge project is complete!
```

📖 If an error message is displayed instead, see *Fixing Common Merge Errors* on page 3-81.

4. Press ⬚SPACE to return to the Utilities menu.

Utilities for the UDS II—Merge Spot & Music Log, continued

Fixing Common Merge Errors

⇨ `Music and spot logs out of sync. Spot log shows <event> at <time>, music log shows <time>.`

Where <event> and <time> represent actual times and event numbers in the schedule. The cause of this most common of merge process failures is the absence of a spot-catcher to cover the minute in the hour the spot was scheduled.

Check your breaknotes in the MusicMaster clocks. Make sure that the breaknote line of the MusicMaster clock uses a "S" stopset code and not the "L" lognote code.

Make absolutely sure the breaknotes are set correctly in the clocks so that there won't be any lost breaknotes.

📖 See the *Breaknote Commands* section starting on page 3-8 for more details.

⇨ `Time increment or range error-probably in spot log.`

The spot is scheduled at a time outside of the sixty-minute hour.

For example, a spot scheduled to play at 8:61 a.m. can cause this error. Fix this in the traffic scheduling software's editor, and regenerate the traffic log.

⇨ `PLAYLIST.SS is an invalid size: <x> bytes.`

Reconvert the music schedule from MusicMaster and regenerate the UDS II-compatible schedule using the Generate feature of the Utilities.

⇨ `The number of events <x> exceeds MAX_EVENTS set at 1080.`

Where `<x>` is the number of events scheduled in the traffic log.

The Merge program was designed to handle an extraordinary number of commercials, the equivalent of 45 spots an hour. If you see this message, check your traffic log to make sure it is for just one day.

⇨ `This schedule has been previously merged.`

This indicates the music schedule has already been merged with a traffic log. To merge this music log with a different traffic log, you must reconvert the music schedule from MusicMaster, regenerate the UDS II-compatible schedule using the Generate feature of the Utilities, check the music log for errors, then merge with the new traffic log.

Utilities for the UDS II—Merge Spot & Music Log; Fixing Common Errors, continued

⇨ `Unable to locate <filename>`
`Unable to access <filename>`
`<filename> is not present`

Where `<filename>` represents the name of the file needed by the Merge program. The file `<filename>` is either in use (by another user on your local-area network), cannot be found, or does not exist. Make sure the file name is entered correctly and that the MusicMaster program subdirectory is not in the path statement.

If you are using a network, make sure you have logged in properly and that the system administrator has set the file permissions and read rights so that you have sufficient privileges to access the traffic log file stored in the indicated subdirectory.

If you are running Windows, make sure you have only one instance of the Utilities running at any time. Examine the task bar for duplicates and close them normally.

⇨ `The dates from the music schedule and the traffic log don't`
`match.`

Check to make sure you are merging music and traffic logs scheduled for the same date. Use the UDS II Check program to check the music log's schedule date.

    See the *Check UDS II Items* section starting on page 3-63 for more details.

⇨ `Dates differ from the traffic log and the date you entered.`

Some traffic logs use the date as a file name. If this name does not match the date stored inside the file, Merge warns you that the wrong day's traffic log may be present on this disk. Check with your traffic director to fix this.

⇨ `Music schedule exceeds one 24-hour day.`

If you are merging spot and music logs, you *must* convert only one 24-hour music schedule at a time from MusicMaster.

⇨ `There are no spots in the merged log!`

When you check the merged log, use the View program to make sure all of the spots you expected to be merged into the log are indeed a part of the merged log. If not, try re-printing the music schedule and re-merging with a traffic log on another diskette.

If this does not fix the problem, make sure you have the correct automation interface from your traffic and billing software supplier and the correct traffic interface from On Air Digital.

Utilities for the UDS II, continued

Ⓤ **UDS II Schedule Editor**

The UDS II Schedule Editor permits revisions to be made to the UDS II schedule prior to importing this schedule into UDS II. The UDS II Schedule Editor allows you to insert, delete, change, swap/juggle, edit, copy, paste or move any event in the completed schedule. This is the easiest way (outside of the UDS II itself) to make changes to a schedule incorporating both music and spots. The UDS II Schedule Editor (also referred to as the UDS II Editor) also allows you to insert new events that are not normally scheduled by either the music scheduler or traffic and billing system.

For example, the traffic program may schedule commercials with the same announcer's voice back-to-back. Use the UDS II Schedule Editor to swap one of the back-to-back voice spots with another spot in the same stop set, fixing the problem.

As another example, you may quickly add a late-arriving commercial order or a new promo to a previously merged schedule with the copy and paste commands or fill in short stop sets with PSAs or promos using a pick list command.

You must understand that there is *no music library lookup* provided in this editing environment. Changes you make using the Utilities for the UDS II Schedule Editor are not reported back to MusicMaster or to the traffic and billing software. These changes are not logged to report files as they would be in the F4 Editor on UDS II itself. In addition, you cannot select new songs for the schedule from those software music libraries.

The UDS II Schedule Editor's sole purpose is to make changes to an already existing schedule file. It is not designed to replace the editing environments provided in MusicMaster or the traffic and billing program.

Utilities for the UDS II—UDS II Schedule Editor, continued

Getting Started

1. From the Utilities menu, press ⊍ to select UDS II Schedule Editor.

2. The UDS II Editor displays a status screen as the events scheduled for that date load into memory. When loading is complete, the program displays the number of events in that day's schedule.

Figure 3-27 UDS II Schedule Editor Loading Status Screen

3. Press any key to begin, as indicated on the screen.

    The Schedule Editor opens, as shown below.
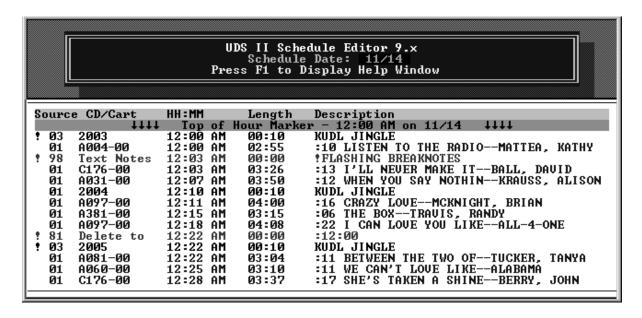
Figure 3-28 UDS II Schedule Editor Window

Utilities for the UDS II—UDS II Schedule Editor, continued

Using the UDS II Editor

The upper portion of the UDS II Editor's screen conveys a variety of information as you edit. The program's title and version number are found here, along with the date of the UDS II schedule and a reminder that ⌨ is the help key. This area of the screen is also used for status messages.

When in editing mode, a green box appears to prompt you on what keys can be pressed. If a scheduling error is detected or you attempt to insert an item using source zero, a red warning window appears here.

The editing window displays up to 15 events from the current schedule.

Within the Editor, pressing ⌨ displays the first screen of a two-page pop-up help window. The first screen shows the keys used for basic movement within the Editor. Pressing ⌨ again displays the second screen, showing the editing command keys. Every press of ⌨ toggles between the Keyboard (Movement) commands and Editing commands screens. Press either ⌨ESC or ⌨X to exit the help window.

```
        Schedule Editor Main Help Screen: Keyboard Commands
        _____

F2: Action Key - Pressing F2 causes the command to take effect.
F9: Save Key - Pressing F9 saves your work, permits more editing.
Home: Zooms to the very first event in the playlist.
End: Zooms to the very last event in the playlist.
Tab / Shift+Tab: Moves to the top of the next or previous hour.
Down Arrow: Moves the cursor to the next event.
Up Arrow: Moves the cursor to the previous event.
Page Down: Moves to the next page, with cursor at top of page.
Page Up: Moves to the previous page, with cursor at top of page.
Alt-P: Print a selected range of hours from this UDS Playlist.
Esc: (Escape Key) Cancels current action or leaves the program.
X: Pressing the 'X' key will eXit the Help Screen.



 Press F1 again for help on Editing Commands. Esc or X to eXit.
```

Figure 3-29 Schedule Editor Main Help Screen: Keyboard Commands

---

Utilities for the UDS II—UDS II Schedule Editor, continued

Keyboard (Movement) Commands

⊡ :   Moves the highlight bar down one event. If the highlight bar is at the bottom of the editing window, the screen scrolls upward so the highlight bar stays at the bottom of the screen. The event that was at the top of the window is scrolled up, off the screen.

⊡ :   Moves the highlight bar up one event. If the highlight bar is at the top of the editing window, the screen scrolls downward so the highlight bar remains at the top of the screen. The event that was at the bottom of the window is scrolled down, off the screen.

PG DN :   Moves to the next 15 events of the schedule, with the highlight bar positioned at the top of the new screen. Each screen in the editing window displays up to 15 events.

PG UP :   Moves to the previous 15 events of the schedule, with the highlight bar positioned at the top of the new screen.

ESC :   The escape key is context-sensitive.

  ➢ While an editing command is pending, ESC cancels the command.

  ➢ While a help screen is displayed, ESC returns to the main editing screen.

  ➢ From the main editing screen, ESC exits the program, offering you the opportunity to save or discard changes.

HOME :   Zooms to the very first event in the schedule. The highlight bar is moved to the top of the editing window and placed over the first event in the schedule.

END :   Zooms to the very last event in the schedule. The highlight bar is moved to the bottom of the editing window and is placed over the last event in the schedule.

⊟ (Tab):   Zoom to the top of the next hour

SHIFT ⊟ (Shift+Tab):   Zoom to the top of the previous hour

CTRL PG DN :   Moves to the next scheduling error in the schedule.

CTRL PG UP :   Moves to the previous scheduling error in the schedule.

> *Note:* If there is no error, the schedule will not move and a "no error" message will be displayed.

Utilities for the UDS II—UDS II Schedule Editor; Keyboard Commands, continued

[F2] : This key serves two purposes in the UDS II Editor:

> ➢ Action key —Pressing [F2] either causes a command to take effect or confirms you want an action to take place.

> ➢ Save key — Pressing [F2] saves the PLAYLIST.SS file in its currently edited form to disk.

> **IMPORTANT!** All editing occurs in memory, so if power is lost in the middle of an editing session, any changes made to the schedule since you last saved will be lost. This is an excellent reason to save often during the editing session. [F2] acts as a "safety save" feature, ensuring that any changes made thus far will be written to disk.

[F10] : After pressing [ESC] to exit the UDS II Editor, pressing this key discards any changes made to the PLAYLIST.SS file since the last Save command.

Editing Commands

The second [F1] Help Screen displays a list of the Editing commands. A detailed discussion of each command can be found on the pages that follow.

```
         Schedule Editor Main Help Screen: Editing Commands
    ───────────────────────────────────────────────────────────
    Ctrl+PgUp / Ctrl+PgDn: Next or previous back-to-back source.
    C: Copies highlighted event into the copy/paste buffer.
    D or Del: Removes the event that is currently highlighted.
    I or Ins: Adds a new event just above the cursor position.
    E: Permits editing of the event highlighted by the cursor.
    G: Grab Digital Audio cuts from Picklist using cart ID.
    L: Pick Digital Audio cuts from the Picklist Window.
    M: Begins the move process, moving the event to a new line.
    N: Moves cursor to next instance of the current event.
    P: Pastes the copy/paste buffer event just above the cursor.
    R: Begins Search and Replace process, revising events' text.
    S or J: Begins the swap process, where two events are juggled.
    T: Recalculates start time for each event in the entire playlist.
    Alt-F10: Permits configuration of Digital Audio Cart Picklist.

     Press F1 again for help on Keyboard Commands. Esc or X to eXit.
```

Figure 3-30 Schedule Editor Main Help Screen: Editing Commands

Utilities for the UDS II—UDS II Schedule Editor, continued

Event Entry Fields

When editing, inserting or pasting events into the schedule, you may revise or enter information in six of the seven event entry fields. These fields discussed below in the order in which they are displayed, from left to right:
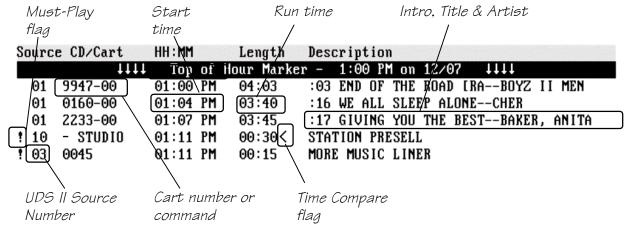
Figure 3-31 Event Entry Fields

1. **Must-Play flag—**You may instruct the UDS II that the event is "mandatory" and *must* play and cannot be dropped even if a Time Update 81 (non-destructive) command is pending. To flag the event as must-play, type an exclamation point (!) in this column.

    All events, "mandatory" or not, will de dropped by the Time Update 82, 83, or 90 commands. This must-play flag affects *only* the Time Update 81 command.

    Unless special breaknote codes are used, digital audio events scheduled via breaknotes (including events merged from your traffic log) are *automatically* defined as must-play by the UDS II Merge utility. Events added in the UDS II Editor are *not* automatically defined as must-play. It is your responsibility to make sure these events are defined as must-play.

2. **Source—**The UDS II source number must appear here. Any valid source from 01 through 99 will be accepted. Valid source numbers are those properly configured in the UDS II equipment file plus sources 70 through 99, reserved for special UDS II functions and features. RadioSuite HD music source numbers typically begin with source 01.

    > *Note***:** Source 10 is usually the 'live' studio source.

Utilities for the UDS II—UDS II Schedule Editor; Event Entry Fields, continued

3. **CD/Cart** (command description or cart number)—4 to 7 characters may be entered here. The characters are used by UDS II to specify a cart number for non-music digital audio events or a cart number then –00 for songs. You are responsible for ensuring the accuracy of this entry. For events other than digital audio events, this field shows the nature of the command or service in use.

    ➢ CD/Cart entries for *songs* must be exactly four characters long followed by a "track" number of 00.

    Typical CD/Cart entries for songs on RadioSuite HD include:

    `9310-00   0423-00   REBA-00   027A-00   AC14-00   0101-00`

    ➢ CD/Cart entries for *non-music digital audio events* must be exactly four characters long. Non-music digital audio events must not have a "track" number suffix.

    Typical CD/Cart entries for non-music digital audio events include:

    `9301      0432      CHER      072A      AC41      0111`

4. **HH:MM** (scheduled start time)—When you paste, swap, insert, or edit an event, the time of the preceding event is copied to the pasted, swapped, inserted, or edited event..

    > *Note***:** You *cannot* directly edit the scheduled start time. Use the Time Recalculate command described on page 3-118 to automatically recalculate scheduled start times

5. **Length** (approximate run time)—Set the duration of the event here, in minutes and seconds.

    The Editor uses this length to re-calculate scheduled start times when the Time Recalculate feature is used or the schedule is saved to disk.

    > *Note:* Setting a time here will *not* make the system segue by itself at the end of the elapsed run time, even in AutoSegue mode. If this is the behavior you desire, you must also set the time-compare flag (<) described on the next page.

6. **Time-Compare flag**—This single character column is located immediately to the right of the Length field. The only character that can be placed in this column is the less-than symbol (<). The '< ' instructs the UDS II to segue after the amount of time specified in the Length field. Do *not* use this flag with digital audio events.

Utilities for the UDS II—UDS II Schedule Editor; Event Entry Fields, continued

7. **Description**—This field normally contains the name of the event for non-music digital audio events, scheduled times for time update commands, ranges for spot catchers, or the intro, title, and artist for songs. For other non-music events, you can place any text you wish (or none at all) in this column.

   ➯ For songs, UDS II displays the title and artist stored in the UDS II music library both in the schedule and on the UDS II display.

   ➯ For non-music digital audio events, this text will appear in the UDS II schedule by the event until the event moves to the Ready to Air window on the UDS II main screen. At that time, non-music digital audio events display the name of the cart as stored on the digital audio playback device.

   ➯ For system commands, time updates, and spot catchers, the initial codes of this text will be used to set the start times for the commands and the text description will appear on the main screen of the UDS II.

   ➯ For events other than digital audio, this text will appear with the event in the UDS II schedule and on the UDS II display when the event airs.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓒ—Copy

The Copy feature of the UDS II Schedule Editor copies the highlighted event to a special *buffer,* or storage area, so you may insert one or more duplicates of the event elsewhere in the schedule. This allows you to quickly fill in short commercial breaks or add a new event to the schedule many times with a minimum of effort.

1. Use the ⬆ and ⬇ keys to move the highlight bar to the event you wish to copy to the Copy/Paste buffer.

    For example, if you want to copy the morning show promo announcing a live on-air appearance by Billy Joel, use the ⬆ and ⬇ keys to find that event in the schedule.

2. Press Ⓒ to copy the highlighted event to the Copy/Paste buffer.

```
                 Press F2 to copy this item. Any other key cancels.



Source CD/Cart    HH:MM      Length   Description
! 03  6011        12:45 AM   00:10    KJZY ROTATOR 3
  01  M125-00     12:46 AM   02:35    :12 GOT NO REASON NOW F--WATSON, GENE
  03  4009        12:48 AM   00:02    KJZY WHISPER SWEEPER
  01  C160-00     12:48 AM   03:07    :24 HILL STREET BLUES--POST, MIKE
  03  BJ01        12:51 AM   00:30    BILLY JOEL MORNING PROMO
  01  R203-00     12:51 AM   02:39    :06 PRECIOUS THING--WARINER, STEVE
  01  A126-00     12:54 AM   02:32    :00 THE PARTY--NELSON, WILLIE
! 94  Relay On    12:57 AM   00:02    [1] RELAY 1 ON
  01  M239-00     12:57 AM   06:03    :28 BAKER STREET--RAFFERTY, GERRY
! 81  Delete to   12:63 AM   00:00    :38:00 SAFE TIME UPDATE
  01  E931-00     12:63 AM   03:55    :18 FOREVER YOUNG--STEWART, ROD
  01  G585-00     12:66 AM   04:57    :17 IMAGINARY LOVER--ATLANTA RHYTHM SEC
! 82  Delete to   12:71 AM   00:00    :54:00 TIME UPDATE
! 03  7019        12:71 AM   00:30    FOLEY'S
! 03  7035        12:72 AM   00:30    QUAKER GRANOLA
```

Figure 3-32 UDS II Schedule Editor Copy Example

3. The UDS II Editor displays a green window at the top of the editing screen with the following message:

    ```
    Press F2 to copy this item. Any other key cancels.
    ```

4. Press the F2 key to confirm the Copy command. Pressing any other key cancels the Copy command.

The highlighted event has now been copied to the Copy/Paste buffer. This copied event may be inserted into the schedule using the Paste command, which is explained on the next page.

Utilities for the UDS II—UDS II Schedule Editor, continued

P—Paste

The Paste feature of the UDS II Schedule Editor pastes the event stored in the Copy/Paste buffer (the event you copied using the Copy command, as described on the previous page) into the schedule. The pasted event is inserted just before the currently highlighted item. This allows you to quickly fill in short commercial breaks or add a new event to the schedule many times with a minimum of effort.

> **IMPORTANT!** You *must* copy an event using the Copy command before the Paste command will function.

1. Use the ⬆ and ⬇ keys to move the highlight bar to the location where you wish to paste the new event.

    For example, if you wish to insert the morning show promo announcing an appearance by Billy Joel (the one you copied in the Copy feature examples) just before the 11:33 p.m. "Bank One" spot, use the ⬆ and ⬇ keys to highlight that event in the schedule.

2. Press P to paste the event stored in the Copy/Paste buffer into the schedule, just before the highlighted event.

```
        Enter or Tab: Go to next field/Shift+Tab: Go to previous field
                F2: Accept this copied event to be pasted here
                      Press Esc to cancel all changes made.


 Source CD/Cart     HH:MM       Length    Description
 ! 03   7038        11:11 AM    00:30     MOUNDS BAR
 ! 03   7019        11:12 AM    00:30     FOLEY'S
 ! 03   1207        11:12 AM    00:10     KJZY MEDIUM-FAST JINGLE
   01   E26B-00     11:12 AM    04:18     :19 DAY IN THE SUN--FRAMPTON, PETER
   01   T148-00     11:17 AM    02:55     :15 MONEY IN THE BANK--ANDERSON, JOHN
   03   4009        11:19 AM    00:02     KJZY WHISPER SWEEPER
   01   P138-00     11:19 AM    03:35     :15 RUN TO YOU--ADAMS, BRYAN
   01   M239-00     11:23 AM    06:03     :28 BAKER STREET--RAFFERTY, GERRY
   01   P126-00     11:29 AM    03:23     :10 I WONDER HOW FAR IT--TIPPIN, AARON
 ! 82   Delete to   11:33 AM    00:00     :23:00 TIME UPDATE
   03   BJ01        11:32 AM    00:30     BILLY JOEL MORNING PROMO
 ! 03   7001        11:33 AM    00:30     BANK ONE
 ! 03   7020        11:33 AM    00:30     WAL MART
 ! 03   6001        11:34 AM    00:10     YOUNG COUNTRY ROTATORS
   01   C001-00     11:34 AM    04:05     :10 I CAN SEE FOR MILES--WHO <EARLY AUX
```

Figure 3-33 UDS II Schedule Editor Paste Example

3. Press F2 to accept the pasted event. The pasted event is given a new start time based on its location in the schedule.

    Press ESC to cancel should you decide not to paste this item in this location.

Utilities for the UDS II—UDS II Schedule Editor, continued

ⅅ or ⌨DEL —Delete

The Delete feature of the UDS II Schedule Editor removes the highlighted event from the schedule. This command allows you to rapidly remove unnecessary promos or canceled spots from a merged schedule or to remove excess events from a heavily over-scheduled hour.

> *Note***:** The ⌨DEL key is often labeled "Delete" on one key and "Del" on another on the same keyboard. Both are "delete" keys. On some keyboards, the ⌨DEL key may not function if "Num Lock" is enabled and you are using the numeric keypad.

1. Use the ⬆ and ⬇ keys to move the highlight bar to the event you wish to delete.

    For example, if you wish to delete the promo for the morning zoo's daily top-five list, use the ⬆ and ⬇ keys to find that event in the schedule.

2. Press ⅅ or ⌨DEL to delete the highlighted event from the schedule.

```
        Press F2 to delete this item. Any other key cancels.



 Source CD/Cart      HH:MM        Length    Description
    01    W136-00    10:18 AM     03:02     :15 BACK IN MY YOUNGER--WILLIAMS, DON
    03    4009       10:21 AM     00:02     KJZY WHISPER SWEEPER
    01    S549-00    10:21 AM     04:28     :18 I WANT A NEW DRUG--LEWIS, HUEY & THE
    03    VO09       10:26 AM     00:20     [V] JESSE DEBODY VOICEOVER
    01    E146-00    10:26 AM     03:13     :07 THE HEART WON'T LIE--MCENTIRE, REBA
 !  82    Delete to  10:29 AM     00:00     :23:00 TIME UPDATE
    03    MS02       10:29 AM     00:30     MORNING SHOW TOP FIVE PROMO
 !  03    7029       10:30 AM     00:30     REECE'S PIECES
 !  03    7022       10:30 AM     00:10     NEW ZORK TIMES/STATUS LINE
 !  03    7066       10:31 AM     00:30     BROADWAY GRILL
 !  03    6004       10:31 AM     00:10     KJZY ROTATING JINGLES
    01    M124-00    10:31 AM     04:22     :15 JOSIE--STEELY DAN
    01    C180-00    10:36 AM     02:02     :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
    01    M238-00    10:38 AM     02:34     :13 HAVE YOU EVER SEEN--CREEDENCE CLEARW
 !  90    Fill to @  10:40 AM     00:00     :30:00 BACKFILL UPDATE TO HALF HOUR
```

Figure 3-34 UDS II Schedule Editor Delete Example

3. The UDS II Editor displays a green window at the top of the screen with this message:

    ```
    Press F2 to delete this item. Any other key cancels.
    ```

4. Press the ⌨F2 key to confirm the Delete command. Pressing any other key cancels.

The highlighted event has now been removed from the schedule.

📖 You may configure the Utilities so that you need not press ⌨F2 to confirm the deletion. See *Configuring the Utilities for the UDS II* on page 3-37 for more details.

Utilities for the UDS II—UDS II Schedule Editor, continued

⬚ or ⒤ⓃⓈ —Insert

The Insert feature of the UDS II Schedule Editor allows you to add events at any point in the schedule to help fill out an under-scheduled hour or short commercial break.

Each newly inserted event is an "empty event," requiring that you type all of the relevant information about the event into the entry fields.

> **Important:** You are responsible for the accuracy of the data. Since the UDS II Editor cannot check with your digital audio storage system, it cannot confirm that a requested digital audio cart or song is available. This data is checked during the Transfer process, if the Utilities for the UDS II have been configured for this purpose. See *Transfer Completed Schedule* beginning on page 3-123 for details.

    📖 For more information on the event entry fields, see the *Event Entry Fields* section on page 3-88 of this chapter.

To insert an event, follow the steps below:

1.   Use the ⬚ and ⬚ keys to move the highlight bar to the location where you wish to insert a new event.

     For example, if you wish to insert a promo for your morning show at the start of the 9:23 p.m. stop set, use the ⬚ and ⬚ keys to position the highlight bar on the first event in the stop set after the time update command.

```
                    UDS II Schedule Editor 9.x
                      Schedule Date:  11/13
                  Press F1 to Display Help Window


  Source CD/Cart      HH:MM       Length    Description
     01   C160-00      09:14 PM    03:07    :24 HILL STREET BLUES--POST, MIKE
     01   C120-00      09:17 PM    05:01    :10 BREEZIN'--BENSON, GEORGE
     01   M235-00      09:22 PM    03:40    :06 CAROLINA IN MY MIND--TAYLOR, JAMES
   ! 82   Delete to    09:26 PM    00:00    :23:00 TIME UPDATE
   ! 03   7015         09:26 PM    00:30    SERVICE MERCHANDISE
   ! 03   7029         09:26 PM    00:30    X-FILES/FOX-TV
   ! 03   6003         09:27 PM    00:10    KJZY ROTATING JINGLES
     01   B239-00      09:27 PM    06:03    :28 BAKER STREET--RAFFERTY, GERRY
     01   M549-00      09:33 PM    06:08    :08 GIVE IT TO ME--J. GEILS BAND
     01   B236-00      09:39 PM    02:32    :00 THE PARTY--NELSON, WILLIE
   ! 90   Fill to @    09:41 PM    00:00    :30:00 BACKFILL UPDATE TO HALF HOUR
   ! 03   6011         09:41 PM    00:10    KJZY ROTATOR 3
     01   B022-00      09:42 PM    03:07    :10 ISLAND--RAVEN, EDDY
     03   4009         09:45 PM    00:02    KJZY WHISPER SWEEPER
     01   C001-00      09:45 PM    04:05    :10 I CAN SEE FOR MILES--WHO (EARLY AUX
```

Figure 3-35 UDS II Schedule Editor Insert Example— Pre-Insertion

Utilities for the UDS II—UDS II Schedule Editor; Insert, continued

2. Press ⬜ or ⌨INS to insert a new event. A blank line appears in the schedule just before the previously highlighted event.

```
      Enter or Tab: Go to next field/Shift+Tab: Go to previous field
        F2: Accept this inserted event (Source cannot be blank or 0)
                    Press Esc to cancel all changes made.


Source CD/Cart      HH:MM       Length    Description
   01   C160-00     09:14 PM    03:07     :24 HILL STREET BLUES--POST, MIKE
   01   C120-00     09:17 PM    05:01     :10 BREEZIN'--BENSON, GEORGE
   01   M235-00     09:22 PM    03:40     :06 CAROLINA IN MY MIND--TAYLOR, JAMES
 ! 82   Delete to   09:26 PM    00:00     :23:00 TIME UPDATE
                    09:26 PM       :
 ! 03   7015        09:26 PM    00:30     SERVICE MERCHANDISE
 ! 03   7029        09:26 PM    00:30     X-FILES/FOX-TV
 ! 03   6003        09:27 PM    00:10     KJZY ROTATING JINGLES
   01   B239-00     09:27 PM    06:03     :28 BAKER STREET--RAFFERTY, GERRY
   01   M549-00     09:33 PM    06:08     :08 GIVE IT TO ME--J. GEILS BAND
   01   B236-00     09:39 PM    02:32     :00 THE PARTY--NELSON, WILLIE
 ! 90   Fill to @   09:41 PM    00:00     :30:00 BACKFILL UPDATE TO HALF HOUR
 ! 03   6011        09:41 PM    00:10     KJZY ROTATOR 3
   01   B022-00     09:42 PM    03:07     :10 ISLAND--RAVEN, EDDY
   03   4009        09:45 PM    00:02     KJZY WHISPER SWEEPER
```

Figure 3-36 UDS II Schedule Editor Insert Example— Mid-Insertion

3. Type the information for the new event in the entry fields.

```
      Enter or Tab: Go to next field/Shift+Tab: Go to previous field
        F2: Accept this inserted event (Source cannot be blank or 0)
                    Press Esc to cancel all changes made.


Source CD/Cart      HH:MM       Length    Description
   01   C160-00     09:14 PM    03:07     :24 HILL STREET BLUES--POST, MIKE
   01   C120-00     09:17 PM    05:01     :10 BREEZIN'--BENSON, GEORGE
   01   M235-00     09:22 PM    03:40     :06 CAROLINA IN MY MIND--TAYLOR, JAMES
 ! 82   Delete to   09:26 PM    00:00     :23:00 TIME UPDATE
 ! 03   MS03        09:26 PM    00:35     MORNING SHOW PROMO
 ! 03   7015        09:26 PM    00:30     SERVICE MERCHANDISE
 ! 03   7029        09:26 PM    00:30     X-FILES/FOX-TV
 ! 03   6003        09:27 PM    00:10     KJZY ROTATING JINGLES
   01   B239-00     09:27 PM    06:03     :28 BAKER STREET--RAFFERTY, GERRY
   01   M549-00     09:33 PM    06:08     :08 GIVE IT TO ME--J. GEILS BAND
   01   B236-00     09:39 PM    02:32     :00 THE PARTY--NELSON, WILLIE
 ! 90   Fill to @   09:41 PM    00:00     :30:00 BACKFILL UPDATE TO HALF HOUR
 ! 03   6011        09:41 PM    00:10     KJZY ROTATOR 3
   01   B022-00     09:42 PM    03:07     :10 ISLAND--RAVEN, EDDY
   03   4009        09:45 PM    00:02     KJZY WHISPER SWEEPER
```

Figure 3-37 UDS II Schedule Editor Insert Example— Event Information Entry

Utilities for the UDS II—UDS II Schedule Editor; Insert, continued

In this example, type the following information in the entry fields:

➢ In the Must-Play flag field, type ⎣!⎦ to let UDS II know that this event may not be dropped by the Time Update 81 feature.

➢ In the Source field, type ⎣0⎦ ⎣3⎦ to let UDS II know that this event is played from source 03, usually configured as the primary non-music digital audio hard-drive source.

➢ In the CD/Cart number field, type ⎣M⎦ ⎣S⎦ ⎣0⎦ ⎣3⎦ ⎣ENTER⎦ to let UDS II know that this event is cart number MS03.

➢ In the Start Time column, press ⎣ENTER⎦ to skip this field. The start time is calculated from the new event's place in the schedule.

➢ In the Length field, type ⎣0⎦ ⎣0⎦ ⎣3⎦ ⎣5⎦ to let the UDS II Editor know that the event is about thirty-five seconds (00:35) long.

➢ In the Time-Compare field, press ⎣ENTER⎦ to skip this field. The exact run time is read from the cart.

➢ In the Description field, type

⎣M⎦ ⎣O⎦ ⎣R⎦ ⎣N⎦ ⎣I⎦ ⎣N⎦ ⎣G⎦ ⎣SPACE⎦ ⎣S⎦ ⎣H⎦ ⎣O⎦ ⎣W⎦ ⎣SPACE⎦ ⎣P⎦ ⎣R⎦ ⎣O⎦ ⎣M⎦ ⎣O⎦

to describe the new event in the UDS II Editor and on the UDS II itself.

  For details on the entry fields available when editing, see *Event Entry Fields* on page 3-88.

4. Press ⎣F2⎦ to accept the inserted event.

Pressing ⎣ESC⎦ cancels the insertion and keeps the schedule in its original state.

The new event has now been inserted into the schedule.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓔ—**Edit**

The Edit feature of the UDS II Schedule Editor allows you to update any of the highlighted event's entry fields. You may change an event's source number, cart number, description or approximate run time. You may also flag an event as time-compare or must-play.

> *Note***:** The Edit command changes only this instance of the event in the schedule. To change multiple instances of an event, use the Revise command described on page 3-111.

To use the Edit feature, follow the steps outlined below:

1. Use the Ⓣ and Ⓓ keys to move the highlight bar to the event you wish to edit.

    For example, if you wish to change the approximate run time of the news at 8:00 a.m. from two minutes to ninety seconds, use the Ⓣ and Ⓓ keys to highlight that event.

2. Press Ⓔ to edit the highlighted event.

3. Type the new information for the event in the entry fields.

    In this example, press Ⓣ (Tab) four times to move the cursor to the Length field. Type Ⓞ Ⓛ Ⓛ Ⓞ to change the time from two minutes to one minute and thirty seconds.

```
  Enter or Tab: Go to next field/Shift+Tab: Go to previous field
       F2: Accept edited changes <Source cannot be blank or 0>
                Press Esc to cancel all changes made.


Source CD/Cart      HH:MM      Length    Description
              ↓↓↓↓     Top of Hour Marker -  8:00 AM on 11/13     ↓↓↓↓
! 03   1206        08:00 AM    00:10     KJZY  LEGAL ID
! 10   - Studio    08:00 AM    01:30     NEWS  UPDATE/MARK ELLIOTT
! 03   8101        08:02 AM    01:00     LEADERSHIP FORD/NEWS SPONSOR
  01   W238-00     08:03 AM    02:38     :00 NOWHERE MAN--BEATLES
  01   C123-00     08:06 AM    02:59     :12 ROCK AND ROLL BAND--BOSTON
  01   T203-00     08:09 AM    02:43     :04 PUT YOURSELF IN MY--TILLIS, PAM
! 94   Relay On    08:11 AM    00:02     [1] RELAY 1 ON
! 81   Delete to   08:11 AM    00:00     :08:00 SAFE TIME UPDATE
! 03   7510        08:11 AM    00:30     TOM THUMB SUPERMARKET
! 03   7012        08:12 AM    00:30     HORMEL MEATS
! 03   7096        08:12 AM    00:30     B5-ON SCIFI
! 03   1207        08:13 AM    00:10     KJZY MEDIUM-FAST JINGLE
  01   E26B-00     08:13 AM    02:58     :11 HEAVEN HELP--KRAVITZ, LENNY
  01   N142-00     08:16 AM    03:04     :19 LIFE'S HIGHWAY--WARINER, STEVE
```
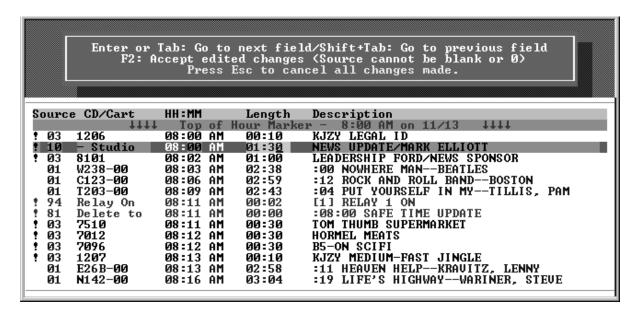
Figure 3-38 UDS II Schedule Editor Edit Example

4. Pressing Ⓕ² saves any changes to the event. Pressing Ⓔˢᶜ aborts the change and returns the event to its original state.

📖 For details on all the fields you may edit, see *Event Entry Fields* starting on page 3-88.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓖⳍ—Grab

The Grab feature of the UDS II Schedule Editor "grabs" a digital audio event from a pre-defined list of carts. This command allows you to choose frequently used "fill" carts without the need to retype the information for each event. These carts may be grabbed by cart number or directly from the pick list. Grab inserts this new event immediately before the highlighted event.

> **IMPORTANT!** You must first configure this pick list using the ᴬᴸᵀ Fꝉ0 command described starting on page 3-120. The Grab feature will not work until this pick list has been created.

➪ To grab an event on the pick list *whose cart number you know*, follow these steps:

> *Note***:** If no item in the pick list matches the cart number you enter, the UDS II Editor displays a warning message and takes no action.

1. Use the ↑ and ↓ keys to move the highlight bar to the location for the new event.

    For example, you want to insert a Red Cross PSA (which you know from frequent usage is on cart number 9801) as the last event in the 9:23 a.m. stop set, just before the KJZY Rotating Jingle.

    To grab this event, use the ↑ and ↓ keys to highlight the KJZY Rotating Jingle.

```
                   UDS II Schedule Editor 9.x
                     Schedule Date:  11/13
                   Press F1 to Display Help Window


Source CD/Cart     HH:MM      Length     Description
   01  W154-00    09:16 AM    02:43    :17 LIVE UNTIL I DIE--WALKER, CLAY
   03  4009       09:19 AM    00:02    KJZY WHISPER SWEEPER
   01  K573-00    09:19 AM    04:26    :17 HOLD ON LOOSELY--.38 SPECIAL
   03  VO09       09:23 AM    00:20    [U] BRET XTAN V/O
   01  C180-00    09:24 AM    02:02    :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
 ! 82  Delete to  09:26 AM    00:00    :23:00 TIME UPDATE
 ! 03  7001       09:26 AM    00:30    BANK ONE
 ! 03  7501       09:26 AM    00:30    LOTTO TEXAS
 ! 03  6003       09:27 AM    00:10    KJZY ROTATING JINGLE
   01  W237-00    09:27 AM    02:59    :12 ROCK AND ROLL BAND--BOSTON
   01  C120-00    09:30 AM    05:01    :10 BREEZIN'--BENSON, GEORGE
   01  C576-00    09:35 AM    02:38    :15 SQUEEZE BOX--WHO
 ! 90  Fill to @  09:38 AM    00:00    :30:00 BACKFILL UPDATE TO HALF HOUR
 ! 03  6011       09:38 AM    00:10    KJZY ROTATOR 3
   01  K126-00    09:38 AM    04:04    :13 I'LL STILL BE LOVIN--RESTLESS HEART
```

Figure 3-39 UDS II Schedule Editor Grab Example— Pre-Grab

Utilities for the UDS II—UDS II Schedule Editor; Grab, continued

2. Press ⒢ to begin the Grab process. A new empty event appears just before the highlighted event, moving the rest of the schedule down one event.

```
        Enter a Digital Audio Cart ID or press F3 for a Picklist
         F2: Accept this inserted 'Picklist Digital Audio' event
                   Press Esc to cancel all changes made.


Source CD/Cart      HH:MM      Length    Description
    01  W154-00     09:16 AM   02:43     :17 LIVE UNTIL I DIE--WALKER, CLAY
    03  4009        09:19 AM   00:02     KJZY WHISPER SWEEPER
    01  K573-00     09:19 AM   04:26     :17 HOLD ON LOOSELY--.38 SPECIAL
    03  VO09        09:23 AM   00:20     [V] BRET XTAN V/O
    01  C180-00     09:24 AM   02:02     :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
!   82  Delete to   09:26 AM   00:00     :23:00 TIME UPDATE
!   03  7001        09:26 AM   00:30     BANK ONE
!   03  7501        09:26 AM   00:30     LOTTO TEXAS
!   03              09:26 AM   00:00
!   03  6003        09:27 AM   00:10     KJZY ROTATING JINGLE
    01  W237-00     09:27 AM   02:59     :12 ROCK AND ROLL BAND--BOSTON
    01  C120-00     09:30 AM   05:01     :10 BREEZIN'--BENSON, GEORGE
    01  C576-00     09:35 AM   02:38     :15 SQUEEZE BOX--WHO
!   90  Fill to @   09:38 AM   00:00     :30:00 BACKFILL UPDATE TO HALF HOUR
!   03  6011        09:38 AM   00:10     KJZY ROTATOR 3
```

Figure 3-40 UDS II Schedule Editor Grab Example— New Event

3. Type the four-character cart number for the pick list event you wish to insert. To abort the Grab command, press ⒺⓈⒸ before completing the cart number entry.

    For example, type ⑨ ⑧ ⓪ ① in the CD/Cart field to insert this event.

```
                   UDS II Schedule Editor 9.x
                   Schedule Date:  11/13
                 Press F1 to Display Help Window


Source CD/Cart      HH:MM      Length    Description
    01  W154-00     09:16 AM   02:43     :17 LIVE UNTIL I DIE--WALKER, CLAY
    03  4009        09:19 AM   00:02     KJZY WHISPER SWEEPER
    01  K573-00     09:19 AM   04:26     :17 HOLD ON LOOSELY--.38 SPECIAL
    03  VO09        09:23 AM   00:20     [V] BRET XTAN V/O
    01  C180-00     09:24 AM   02:02     :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
!   82  Delete to   09:26 AM   00:00     :23:00 TIME UPDATE
!   03  7001        09:26 AM   00:30     BANK ONE
!   03  7501        09:26 AM   00:30     LOTTO TEXAS
!   09  9801        09:26 AM   01:00     RED CROSS PSA #2
!   03  6003        09:27 AM   00:10     KJZY ROTATING JINGLE
    01  W237-00     09:27 AM   02:59     :12 ROCK AND ROLL BAND--BOSTON
    01  C120-00     09:30 AM   05:01     :10 BREEZIN'--BENSON, GEORGE
    01  C576-00     09:35 AM   02:38     :15 SQUEEZE BOX--WHO
!   90  Fill to @   09:38 AM   00:00     :30:00 BACKFILL UPDATE TO HALF HOUR
!   03  6011        09:38 AM   00:10     KJZY ROTATOR 3
```

Figure 3-41 UDS II Schedule Editor Grab Example— Grab Completed

Utilities for the UDS II—UDS II Schedule Editor; Grab, continued

⇨ To grab an event *from the pick list directly*, follow these steps:

1. Use the ⬆ and ⬇ keys to move the highlight bar to the location for the new event.

   For example, to insert a Boy Scout PSA as the last event in the 10:23 a.m. stop set, just before the KJZY Rotating Jingle, use the ⬆ and ⬇ keys to highlight the KJZY Rotating Jingles event.
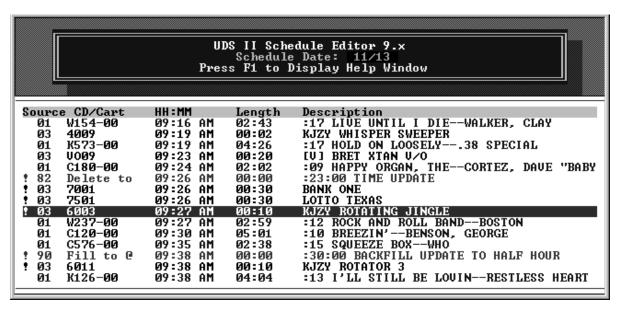
```
                    UDS II Schedule Editor 9.x
                      Schedule Date:  11/13
                   Press F1 to Display Help Window


Source CD/Cart    HH:MM      Length   Description
   01   C120-00   10:10 AM   05:01    :10 BREEZIN'--BENSON, GEORGE
   01   W136-00   10:15 AM   03:02    :15 BACK IN MY YOUNGER--WILLIAMS, DON
   03   4009      10:18 AM   00:02    KJZY WHISPER SWEEPER
   01   S549-00   10:18 AM   04:28    :18 I WANT A NEW DRUG--LEWIS, HUEY & THE
   03   VO09      10:22 AM   00:20    [V] JESSE DEBODY VOICEOVER
   01   E146-00   10:22 AM   03:13    :07 THE HEART WON'T LIE--MCENTIRE, REBA
 ! 82   Delete to 10:26 AM   00:00    :23:00 TIME UPDATE
 ! 03   7022      10:26 AM   00:10    NEW ZORK TIMES/STATUS LINE
 ! 03   7066      10:26 AM   00:30    BROADWAY GRILL
 ! 03   6004      10:27 AM   00:10    KJZY ROTATING JINGLES
   01   M124-00   10:27 AM   04:22    :15 JOSIE--STEELY DAN
   01   C180-00   10:31 AM   02:02    :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
   01   M238-00   10:33 AM   02:34    :13 HAVE YOU EVER SEEN--CREEDENCE CLEARW
 ! 90   Fill to @ 10:36 AM   00:00    :30:00 BACKFILL UPDATE TO HALF HOUR
 ! 03   6012      10:37 AM   00:10    KJZY ROTATOR 3
```

Figure 3-42 UDS II Schedule Editor Grab Example— Pre-Grab

Utilities for the UDS II—UDS II Schedule Editor; Grab, continued

2. Press ⌨G to begin the Grab process. A new empty event appears just before the highlighted event, moving the rest of the schedule down one event.
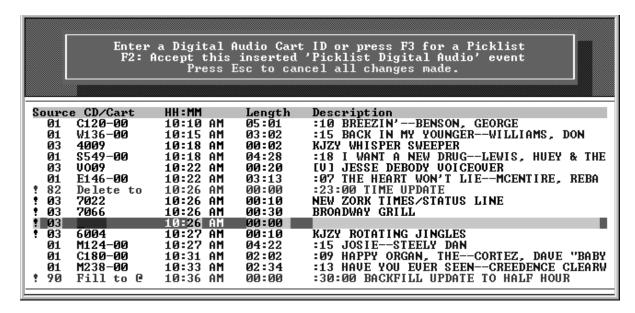
```
        Enter a Digital Audio Cart ID or press F3 for a Picklist
        F2: Accept this inserted 'Picklist Digital Audio' event
                  Press Esc to cancel all changes made.


Source CD/Cart      HH:MM       Length   Description
   01  C120-00      10:10 AM    05:01    :10 BREEZIN'--BENSON, GEORGE
   01  W136-00      10:15 AM    03:02    :15 BACK IN MY YOUNGER--WILLIAMS, DON
   03  4009         10:18 AM    00:02    KJZY WHISPER SWEEPER
   01  S549-00      10:18 AM    04:28    :18 I WANT A NEW DRUG--LEWIS, HUEY & THE
   03  VO09         10:22 AM    00:20    [V] JESSE DEBODY VOICEOVER
   01  E146-00      10:22 AM    03:13    :07 THE HEART WON'T LIE--MCENTIRE, REBA
 ! 82  Delete to    10:26 AM    00:00    :23:00 TIME UPDATE
 ! 03  7022         10:26 AM    00:10    NEW ZORK TIMES/STATUS LINE
 ! 03  7066         10:26 AM    00:30    BROADWAY GRILL
 ! 03               10:26 AM    00:00
 ! 03  6004         10:27 AM    00:10    KJZY ROTATING JINGLES
   01  M124-00      10:27 AM    04:22    :15 JOSIE--STEELY DAN
   01  C180-00      10:31 AM    02:02    :09 HAPPY ORGAN, THE--CORTEZ, DAVE "BABY
   01  M238-00      10:33 AM    02:34    :13 HAVE YOU EVER SEEN--CREEDENCE CLEARW
 ! 90  Fill to @    10:36 AM    00:00    :30:00 BACKFILL UPDATE TO HALF HOUR
```

Figure 3-43 UDS II Schedule Editor Grab Example— New Event

3. Press ⌨F3 to display a pick list of available "fill" carts.

```
        Enter a Digital Audio Cart ID or press F3 for a Picklist
        F2: Accept this inserted 'Picklist Digital Audio' event
                  Press Esc to cancel all changes made.


Source CD/Cart      HH:MM       Length   D
   01  C120-00      10:10 AM    05:01    : 9001: HIV AWARENESS WEEK
   01  W136-00      10:15 AM    03:02    : 9101: ROCK THE VOTE #1A     AMS, DON
   03  4009         10:18 AM    00:02    K 9102: ROCK THE VOTE #2
   01  S549-00      10:18 AM    04:28    : 9140: LEAGUE OF WOM.VOTERS  HUEY & THE
   03  VO09         10:22 AM    00:20    [ 9141: LEAGUE OF WOM.VOTERS
   01  E146-00      10:22 AM    03:13    : 9401: DALLAS CAN ACADEMY 1  TIRE, REBA
 ! 82  Delete to    10:26 AM    00:00    : 9402: DALLAS CAN ACADEMY 2
 ! 03  7022         10:26 AM    00:10    N 9701: BOY SCOUTS :60
 ! 03  7066         10:26 AM    00:30    B 9710: BOY SCOUTS :30
 ! 03               10:26 AM    00:00      9750: BOY SCOUTS :10
 ! 03  6004         10:27 AM    00:10    K 9801: RED CROSS PSA #2
   01  M124-00      10:27 AM    04:22    : 9802: RED CROSS PSA #4A
   01  C180-00      10:31 AM    02:02    :                           DAVE "BABY
   01  M238-00      10:33 AM    02:34    :13 HAVE YOU EVER SEEN--CREEDENCE CLEARW
 ! 90  Fill to @    10:36 AM    00:00    :30:00 BACKFILL UPDATE TO HALF HOUR
```
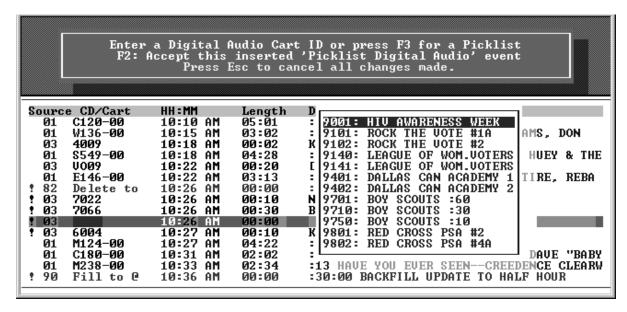
Figure 3-44 UDS II Schedule Editor Grab Example— Pick List, Initial

Utilities for the UDS II—UDS II Schedule Editor; Grab, continued

4. Use the ⬆ and ⬇ arrow keys to move the highlight bar to the "fill" cart you wish to insert.

```
          Enter a Digital Audio Cart ID or press F3 for a Picklist
          F2: Accept this inserted 'Picklist Digital Audio' event
                  Press Esc to cancel all changes made.


Source CD/Cart      HH:MM      Length  D
  01  C120-00      10:10 AM   05:01   : 9001: HIV AWARENESS WEEK
  01  W136-00      10:15 AM   03:02   : 9101: ROCK THE VOTE #1A        AMS, DON
  03  4009         10:18 AM   00:02   K 9102: ROCK THE VOTE #2
  01  S549-00      10:18 AM   04:28   : 9140: LEAGUE OF WOM.VOTERS     HUEY & THE
  03  VO09         10:22 AM   00:20   [ 9141: LEAGUE OF WOM.VOTERS
  01  E146-00      10:22 AM   03:13   : 9401: DALLAS CAN ACADEMY 1     TIRE, REBA
! 82  Delete to    10:26 AM   00:00   : 9402: DALLAS CAN ACADEMY 2
! 03  7022         10:26 AM   00:10   N 9701: BOY SCOUTS :60
! 03  7066         10:26 AM   00:30   B 9710: BOY SCOUTS :30
! 03               10:26 AM   00:00     9750: BOY SCOUTS :10
! 03  6004         10:27 AM   00:10   K 9801: RED CROSS PSA #2
  01  M124-00      10:27 AM   04:22   : 9802: RED CROSS PSA #4A
  01  C180-00      10:31 AM   02:02   :                                DAVE "BABY
  01  M238-00      10:33 AM   02:34   :13 HAVE YOU EVER SEEN--CREEDENCE CLEARW
! 90  Fill to @    10:36 AM   00:00   :30:00 BACKFILL UPDATE TO HALF HOUR
```
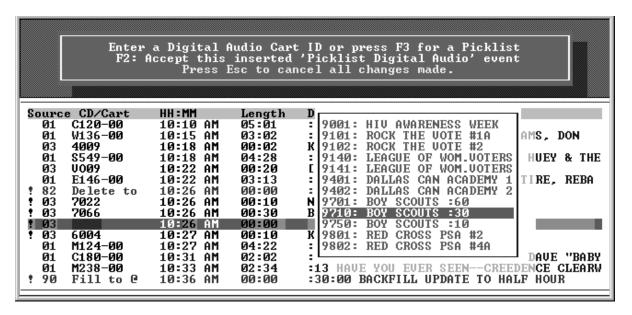
Figure 3-45 UDS II Schedule Editor Grab Example— Pick List, Selected

5. Press ⟦ENTER⟧ to insert this event into the schedule. To abort the Grab command, press ⟦ESC⟧ before completing the insertion.

To remove a "grabbed" event (or any event in the schedule), use the Delete command described on page 3-93 or quit the UDS II Editor without saving changes.

The length and description of "grabbed" events are taken from the pick list. The source number of the primary non-music digital audio source is read from the Commercial Merge Configuration Setup.

📖 For more information on setting up the primary non-music digital audio source number, see *Configuring the Merge Program* starting on page 3-42.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓛ —List

The List feature of the UDS II Schedule Editor allows you to choose a digital audio event from a list that you create. The List command allows you to rapidly insert promos, public service announcements, or other "fill" digital audio events from a list of up to 30 events. These carts are chosen by scrolling through the pick list. The List command inserts this new event immediately before the highlighted event.

> **IMPORTANT!** You must first configure this pick list using the [ALT] [F10] command described on page 3-120. The List command will not function until this pick list has been created.

1. Use the [↑] and [↓] keys to move the highlight bar to the location for the new event. The new event precedes the highlighted event.

   For example, to insert a PSA as the first event in the 12:23 p.m. stop set, just after the time update, use the [↑] and [↓] keys to move the highlight bar to the first event after the update command.

```
                    UDS II Schedule Editor 9.x
                      Schedule Date:  11/13
                    Press F1 to Display Help Window


  Source CD/Cart      HH:MM      Length   Description
  ! 03   1207       12:10 PM     00:10    KJZY MEDIUM-FAST JINGLE
    01   E255-00    12:10 PM     03:57    :00 DEEPER AND DEEPER--MADONNA
    01   W128-00    12:14 PM     03:09    :06 DOWN HOME--ALABAMA
    03   4009       12:17 PM     00:02    KJZY WHISPER SWEEPER
    01   S561-00    12:17 PM     04:14    :22 BEST OF MY LOVE--EAGLES
    01   L160-00    12:21 PM     03:07    :24 HILL STREET BLUES--POST, MIKE
    03   VO09       12:25 PM     00:20    [V] GREG MICHAELS VOICEOVER
    01   G159-00    12:25 PM     02:44    :14 TAKE THESE CHAINS F--PARNELL, LEE R
  ! 82   Delete to  12:28 PM     00:00    :23:00 TIME UPDATE
  ! 03   7039       12:28 PM     00:30    YORK PEPPERMINT PATTY
  ! 03   7035       12:28 PM     00:30    QUAKER GRANOLA
  ! 03   6002       12:29 PM     00:10    YOUNG COUNTRY ROTATORS
    01   M236-00    12:29 PM     02:32    :00 THE PARTY--NELSON, WILLIE
    01   E239-00    12:31 PM     06:03    :28 BAKER STREET--RAFFERTY, GERRY
    01   226-14     12:37 PM     04:18    :26 LOWDOWN--SCAGGS, BOZ
```

Figure 3-46 UDS II Schedule Editor List Example— Pre-List

Utilities for the UDS II—UDS II Schedule Editor; List, continued

2.   Press ⌴ to display the first event in the pick list. This event appears in the highlight bar, moving the rest of the schedule down one event.

In this example, the "HIV Awareness Week" PSA is the first event in the pick list.
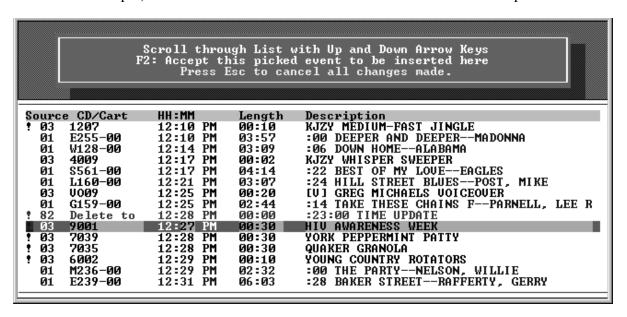
```
┌──────────────────────────────────────────────────────────────────┐
│                                                                    │
│     ┌────────────────────────────────────────────────────────┐     │
│     │    Scroll through List with Up and Down Arrow Keys      │     │
│     │    F2: Accept this picked event to be inserted here     │     │
│     │         Press Esc to cancel all changes made.           │     │
│     └────────────────────────────────────────────────────────┘     │
│                                                                    │
│  Source CD/Cart      HH:MM       Length   Description               │
│ ! 03   1207          12:10 PM    00:10    KJZY MEDIUM-FAST JINGLE   │
│   01   E255-00       12:10 PM    03:57    :00 DEEPER AND DEEPER--MADONNA │
│   01   W128-00       12:14 PM    03:09    :06 DOWN HOME--ALABAMA    │
│   03   4009          12:17 PM    00:02    KJZY WHISPER SWEEPER      │
│   01   S561-00       12:17 PM    04:14    :22 BEST OF MY LOVE--EAGLES │
│   01   L160-00       12:21 PM    03:07    :24 HILL STREET BLUES--POST, MIKE │
│   03   VO09          12:25 PM    00:20    [V] GREG MICHAELS VOICEOVER │
│   01   G159-00       12:25 PM    02:44    :14 TAKE THESE CHAINS F--PARNELL, LEE R │
│ ! 82   Delete to     12:28 PM    00:00    :23:00 TIME UPDATE        │
│   03   9001          12:27 PM    00:30    HIV AWARENESS WEEK        │
│ ! 03   7039          12:28 PM    00:30    YORK PEPPERMINT PATTY     │
│ ! 03   7035          12:28 PM    00:30    QUAKER GRANOLA            │
│ ! 03   6002          12:29 PM    00:10    YOUNG COUNTRY ROTATORS    │
│   01   M236-00       12:29 PM    02:32    :00 THE PARTY--NELSON, WILLIE │
│   01   E239-00       12:31 PM    06:03    :28 BAKER STREET--RAFFERTY, GERRY │
└──────────────────────────────────────────────────────────────────┘
```

Figure 3-47 UDS II Schedule Editor List Example— First Event on Pick List

Utilities for the UDS II—UDS II Schedule Editor; List, continued

3.   Use the ⬆ and ⬇ arrows to scroll through the pick list to find the event you wish to insert. The pick list is a *circular* buffer so when you reach the end, it will start over.

In this example, press ⬇ until "Dallas Can Academy 2" appears on the highlighted line.

```
              Scroll through List with Up and Down Arrow Keys
              F2: Accept this picked event to be inserted here
                    Press Esc to cancel all changes made.


Source CD/Cart      HH:MM      Length   Description
!  03  1207         12:10 PM   00:10    KJZY MEDIUM-FAST JINGLE
   01  E255-00      12:10 PM   03:57    :00 DEEPER AND DEEPER--MADONNA
   01  W128-00      12:14 PM   03:09    :06 DOWN HOME--ALABAMA
   03  4009         12:17 PM   00:02    KJZY WHISPER SWEEPER
   01  S561-00      12:17 PM   04:14    :22 BEST OF MY LOVE--EAGLES
   01  L160-00      12:21 PM   03:07    :24 HILL STREET BLUES--POST, MIKE
   03  VO09         12:25 PM   00:20    [V] GREG MICHAELS VOICEOVER
   01  G159-00      12:25 PM   02:44    :14 TAKE THESE CHAINS F--PARNELL, LEE R
!  82  Delete to    12:28 PM   00:00    :23:00 TIME UPDATE
   03  9402         12:27 PM   00:30    DALLAS CAN ACADEMY 2
!  03  7039         12:28 PM   00:30    YORK PEPPERMINT PATTY
!  03  7035         12:28 PM   00:30    QUAKER GRANOLA
!  03  6002         12:29 PM   00:10    YOUNG COUNTRY ROTATORS
   01  M236-00      12:29 PM   02:32    :00 THE PARTY--NELSON, WILLIE
   01  E239-00      12:31 PM   06:03    :28 BAKER STREET--RAFFERTY, GERRY
```

Figure 3-48 UDS II Schedule Editor List Example— Found the Desired Event

4.   Pressing F2 accepts the selected event and inserts it into the schedule. Pressing ESC instead aborts the List command and returns the schedule to its original state.

The inserted event takes its scheduled start time from the event just before it in the schedule. The length and description of events inserted by the List command are taken from the pick list. The source number of the primary non-music digital audio source is read from the Commercial Merge Configuration Setup.

📖   For more information on setting up the primary non-music digital audio source number, see *Configuring the Merge Program* starting on page 3-42.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓜ **—Move**

The Move feature of the UDS II Schedule Editor relocates the highlighted event to a new position in the schedule. This can be handy if you wish to juggle a stop set or move an event from one part of the schedule to another.

1. Use the ⬆ and ⬇ keys to move the highlight bar to the event you want to move.

    For example, if you want to move the "Hormel Meats" commercial from the busy 8:08 a.m. stop set to the less-crowded 8:23 a.m. stop set, use the ⬆ and ⬇ keys to position the highlight bar on the "Hormel Meats" commercial.

```
                    UDS II Schedule Editor 9.x
                       Schedule Date:  11/13
                    Press F1 to Display Help Window


   Source CD/Cart     HH:MM        Length    Description
 ! 81   Delete to    08:08 AM      00:00     :08:00 SAFE TIME UPDATE
 ! 03   7510         08:08 AM      00:30     TOM THUMB SUPERMARKET
 ! 03   7041         08:09 AM      00:30     TRIDENT SUGARLESS GUM
 ! 03   7012         08:09 AM      00:30     HORMEL MEATS
 ! 03   7096         08:10 AM      00:30     B5-CRUSADE ON TNT
 ! 03   1207         08:10 AM      00:10     KJZY MEDIUM-FAST JINGLE
   01   H26B-00      08:10 AM      02:58     :11 HEAVEN HELP--KRAVITZ, LENNY
   01   L142-00      08:13 AM      03:04     :19 LIFE'S HIGHWAY--WARINER, STEVE
   03   4009         08:13 AM      00:02     KJZY WHISPER SWEEPER
   01   C360-00      08:16 AM      04:25     :19 #9 DREAM--LENNON, JOHN
   01   M136-00      08:21 AM      03:11     :15 NOBODY--SYLVIA
 ! 82   Delete to    08:24 AM      00:00     :23:00 TIME UPDATE
 ! 03   7023         08:24 AM      00:30     TEXAS CABLE NEWS CHANNEL
 ! 03   6002         08:24 AM      00:10     KJZY ROTATING JINGLE
   01   C160-00      08:25 AM      03:07     :24 HILL STREET BLUES--POST, MIKE
```

Figure 3-49 UDS II Schedule Editor Move Example— Pre-Move

2. Press Ⓜ to begin the Move process.

    The currently highlighted event starts blinking and the event's text color changes to blue, to indicate that a move is pending.

    The top of the window displays move instructions.

Utilities for the UDS II—UDS II Schedule Editor; Move, continued

3. Use the ⬆ and ⬇ keys to move the highlight bar to the new location for the event.

    For example, to move the "Hormel Meats" commercial to the last event in the stop set, just before the "KJZY Rotating Jingle", press ⬇ until "KJZY Rotating Jingle" is highlighted.

```
         Move the cursor to where you want the event moved and press 'M.'
          The moved event will be placed just above the cursor position.
                     Press the Esc key to Cancel the Move.


Source CD/Cart      HH:MM      Length    Description
! 81   Delete to    08:08 AM   00:00     :08:00 SAFE TIME UPDATE
! 03   7510         08:08 AM   00:30     TOM THUMB SUPERMARKET
! 03   7041         08:09 AM   00:30     TRIDENT SUGARLESS GUM
! 03   7012         08:09 AM   00:30     HORMEL MEATS
! 03   7096         08:10 AM   00:30     B5-CRUSADE ON TNT
! 03   1207         08:10 AM   00:10     KJZY MEDIUM-FAST JINGLE
  01   H26B-00      08:10 AM   02:58     :11 HEAVEN HELP--KRAVITZ, LENNY
  01   L142-00      08:13 AM   03:04     :19 LIFE'S HIGHWAY--WARINER, STEVE
  03   4009         08:13 AM   00:02     KJZY WHISPER SWEEPER
  01   C360-00      08:16 AM   04:25     :19 #9 DREAM--LENNON, JOHN
  01   M136-00      08:21 AM   03:11     :15 NOBODY--SYLVIA
! 82   Delete to    08:24 AM   00:00     :23:00 TIME UPDATE
! 03   7023         08:24 AM   00:30     TEXAS CABLE NEWS CHANNEL
! 03   6002         08:24 AM   00:10     KJZY ROTATING JINGLE
  01   C160-00      08:25 AM   03:07     :24 HILL STREET BLUES--POST, MIKE
```

Figure 3-50 UDS II Schedule Editor Move Example— Highlight Destination

Utilities for the UDS II—UDS II Schedule Editor; Move, continued

4.   Press Ⓜ again to complete the move process.

The event is inserted at the highlight, and the following events are moved down one position in the schedule. The moved event is given a new start time based on its location in the schedule.

In this example, the "Hormel Meats" commercial is now located just before the "KJZY Rotating Jingle." The "Hormel Meats" commercial now also shows a scheduled start time of 8:24 a.m., the same start time as the "Texas Cable News Channel" commercial that precedes it.


```
                    UDS II Schedule Editor 9.x
                      Schedule Date:  11/13
                   Press F1 to Display Help Window


Source CD/Cart     HH:MM      Length    Description
! 81   Delete to   08:08 AM   00:00     :08:00 SAFE TIME UPDATE
! 03   7510        08:08 AM   00:30     TOM THUMB SUPERMARKET
! 03   7041        08:09 AM   00:30     TRIDENT SUGARLESS GUM
! 03   7096        08:10 AM   00:30     B5-CRUSADE ON TNT
! 03   1207        08:10 AM   00:10     KJZY MEDIUM-FAST JINGLE
  01   H26B-00     08:10 AM   02:58     :11 HEAVEN HELP--KRAVITZ, LENNY
  01   L142-00     08:13 AM   03:04     :19 LIFE'S HIGHWAY--WARINER, STEVE
  03   4009        08:13 AM   00:02     KJZY WHISPER SWEEPER
  01   C360-00     08:16 AM   04:25     :19 #9 DREAM--LENNON, JOHN
  01   M136-00     08:21 AM   03:11     :15 NOBODY--SYLVIA
! 82   Delete to   08:24 AM   00:00     :23:00 TIME UPDATE
! 09   7023        08:24 AM   00:30     TEXAS CABLE NEWS CHANNEL
  03   7012        08:24 AM   00:30     HORMEL MEATS
! 03   6002        08:24 AM   00:10     KJZY ROTATING JINGLE
  01   C160-00     08:25 AM   03:07     :24 HILL STREET BLUES--POST, MIKE
```

Figure 3-51 UDS II Schedule Editor Move Example— Completed

Pressing ⎋ (or any key besides Ⓜ or the arrow keys) while the move is pending cancels the move command.

Utilities for the UDS II—UDS II Schedule Editor, continued

Ⓝ**—Next**

The Next feature of the UDS II Schedule Editor moves the editor's cursor to the *next* instance of the highlighted event. If there is not a "next" instance of that event, a message to that effect appears in a green box at the top of the screen.

To find the next instance of an event, follow the steps outlined below:

1. Use the ⬆ and ⬇ arrow keys to move the highlight bar to the event of your choice.

    For example, to find the next instance of the "Channel 5" commercial, use the ⬆ and ⬇ arrow keys to move the highlight bar to that event.

```
                    UDS II Schedule Editor 9.x
                       Schedule Date:  11/13
                    Press F1 to Display Help Window


Source CD/Cart     HH:MM       Length    Description
    03   4009       02:45 PM    00:02    KJZY WHISPER SWEEPER
    01   Z142-00    02:46 PM    02:20    :09 UNWOUND--STRAIT, GEORGE
    01   D236-00    02:49 PM    02:32    :00 THE PARTY--NELSON, WILLIE
!   94   Relay On   02:49 PM    00:02    [1] RELAY 1 ON
    01   N502-00    02:54 PM    02:11    :09 LADY MADONNA--BEATLES
!   82   Delete to  02:56 PM    00:00    :54:00 TIME UPDATE
!   03   7001       02:56 PM    00:30    BANK ONE
!   03   7023       02:56 PM    00:30    CHANNEL 5
!   03   7031       02:57 PM    00:30    PIZZA HUT
!   03   7008       02:57 PM    00:30    WAL-MART
!   03   6103       02:58 PM    00:10    KJZY JINGLE
    01   N238-00    02:58 PM    03:34    :17 GEORGIA ON MY MIND--CHARLES, RAY
    01   A137-00    02:62 PM    04:06    :00 NO NEWS [DANCE MIX]--LONESTAR
!   90   Fill to @  02:66 PM    00:00    :59:59 BACKFILL TO HOUR
              ↑↑↑↑      Total Time in  2 PM Hour -    65:46      ↑↑↑↑
```

Figure 3-52 UDS II Schedule Editor Next Example— Initial Event

Utilities for the UDS II—UDS II Schedule Editor; Next, continued

2.   To find the next instance of the highlighted event, press Ⓝ. The highlight bar moves to the next instance of the event.

The example below shows the next instance of the "Channel 5" commercial highlighted with a scheduled-at time of 7:47 p.m.

```
                  UDS II Schedule Editor 9.x
                  Schedule Date:  11/13
                Press F1 to Display Help Window


Source CD/Cart     HH:MM       Length    Description
! 03  7023         07:47 PM    00:30     CHANNEL 5
! 03  7037         07:47 PM    00:30     ALKA SELTZER
! 03  6012         07:48 PM    00:10     KJZY ROTATOR 3
  01  E561-00      07:48 PM    03:45     :19 TAKING IT ALL TOO H--GENESIS
! 94  Relay On     07:52 PM    00:02     [1] RELAY 1 ON
  01  C120-00      07:52 PM    05:01     :10 BREEZIN'--BENSON, GEORGE
! 82  Delete to    07:57 PM    00:00     :54:00 TIME UPDATE
! 03  7502         07:57 PM    01:00     COMPUSA
! 03  7036         07:58 PM    00:30     CERTS
! 03  7014         07:58 PM    00:30     GTE
! 03  6103         07:59 PM    00:10     KJZY JINGLE
  01  S772-00      07:59 PM    04:01     :11 FRIENDS--WATLEY, JODY
  01  R142-00      07:63 PM    03:33     :14 WHEELS--RESTLESS HEART
! 90  Fill to @    07:67 PM    00:00     :59:59 BACKFILL TO HOUR
            ↑↑↑↑       Total Time in  7 PM Hour -    66:34      ↑↑↑↑
```

Figure 3-53 UDS II Schedule Editor Next Example— Found Next Event

You may continue pressing Ⓝ to find each "next" instance of this event until you reach the last such event or the end of the schedule.

If there had not been a "next" instance of the event you selected, the UDS II Schedule Editor would have displayed a green message at the top of the screen similar to the one below. Press any key, as indicated, to resume editing.

```
            There's no next: CHANNEL 5.

          Press any key to resume editing.
```

Figure 3-54 UDS II Schedule Editor Next Example— Next Not Found

Utilities for the UDS II—UDS II Schedule Editor, continued

®—Revise

The Revise feature of the UDS II Schedule Editor allows you to change multiple instances of the same event in the UDS II schedule. This command is often used to move a non-music digital audio event from one cart number to another or to change the schedule description of a non-music event or breaknote command.

> ***Note*:** The Revise command changes each event matching the search criteria from the current position in the schedule forward. To change the event across the whole schedule, press ⌂HOME⌂ to move to the start of the schedule before beginning the Revise process.

You may search for and replace events based on cart number or description. The matches must be *exact* or the Revise feature skips the event.

The UDS II Schedule Editor prompts you at each match to determine whether or not you wish to replace this event's information with the new information you entered. This allows you to selectively change matching events.

To use the Revise feature, follow the steps outlined below:

1. Use the ⬆ and ⬇ arrow keys to move the highlight bar to the first instance of the event you wish to revise.

2. Press ® to begin the Revise process.

    The UDS II Editor displays the search and replace window.

```
            UDS II Schedule Editor 9.x
                Schedule Date:  11/13
            Press F1 to Display Help Window


Source CD/Cart      HH:MM      Length    Description
   01  C160-00      05:48 AM   03:07     :24 HILL STREET BLUES--POST, MIKE
 ! 94  Relay On     05:51 AM   00:02     [1] RELAY 1 ON
   01
   01      Search & Replace: Enter at LEAST one search criteria in the
 ! 82      fields below and a revision to be made for that search.
 ! 03
 ! 03   CD/Cart Search: [           ]     CD/Cart Revision: [          ]
 ! 03
 ! 03   Description Search:  [                            ]
 ! 03
   01   Description Revision: [                            ]
   03
   01      F2 to begin Search & Revise process.  Escape to cancel.      LY
   03
   01  M167-00      05:66 AM   02:36     :15 ONE EMOTION--BLACK, CLINT
```

Figure 3-55 UDS II Schedule Editor Revise Example— Search and Replace Window

Utilities for the UDS II—UDS II Schedule Editor; Revise, continued

⇨ There are two ways to search for events to revise:

➢ To search for a specific event by cart number, type the cart number into the CD/Cart Search field.

➢ To search for a specific event description, type the entire description in the Description Search field.

⇨ There are three ways matching events may be revised:

➢ To replace the cart number for an event, type the new cart number into the CD/Cart Revision field.

➢ To replace the description for an event, type the entire new description in the Description Revision field.

➢ To replace the cart number *and* description for an event, the new cart number into the CD/Cart Revision field then type the entire new description in the Description Revision field.

In this example, you wish to revise the "Dallas Can Academy 2" PSA on cart 9402 to be the alternate "Dallas Can Academy 1" PSA on cart 9401. Since the 5:57 a.m. instance of this cart is highlighted , the schedule will be revised from 5:57 a.m. to midnight only.
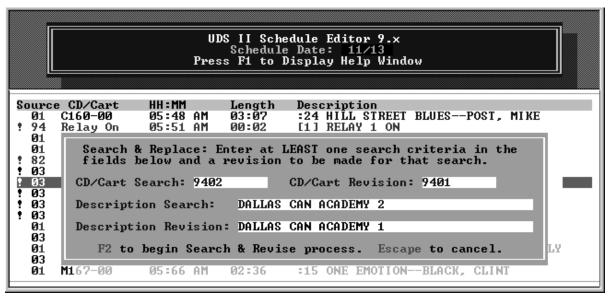
Figure 3-56 UDS II Schedule Editor Revise Example— Search Criteria Entry

Utilities for the UDS II—UDS II Schedule Editor; Revise, continued

For this example, type the following search and replace criteria:

➢ Type ⑨④⓪② into the CD/Cart Search field and then press ⒺⓃⓉⒺⓇ to search for all digital audio events on cart 9402.

➢ Type ⑨④⓪① into the CD/Cart Revision field and then press ⒺⓃⓉⒺⓇ to replace cart number 9402 with 9401.

➢ Type Ⓓ Ⓐ Ⓛ Ⓛ Ⓐ Ⓢ ⓈⓅⒶⒸⒺ Ⓒ Ⓐ Ⓝ ⓈⓅⒶⒸⒺ Ⓐ Ⓒ Ⓐ Ⓓ Ⓔ Ⓜ Ⓨ ⓈⓅⒶⒸⒺ ② ⒺⓃⓉⒺⓇ

into the Description Search field to search for all events with a description of "Dallas Can Academy 2".

> **Note:** This step is *optional* as it will force the Revise command to find only those events with *both* matching fields. You may wish to find all events with a certain cart number but any description. In that case, press ⒺⓃⓉⒺⓇ to skip this entry field and proceed to the Description Search field.

➢ Type Ⓓ Ⓐ Ⓛ Ⓛ Ⓐ Ⓢ ⓈⓅⒶⒸⒺ Ⓒ Ⓐ Ⓝ ⓈⓅⒶⒸⒺ Ⓐ Ⓒ Ⓐ Ⓓ Ⓔ Ⓜ Ⓨ ⓈⓅⒶⒸⒺ ① ⒺⓃⓉⒺⓇ

into the Description Revision field to replace any description of cart 9402 (soon to be 9401) with "Dallas Can Academy 1".

3.   Press Ⓕ② to begin the Revise process.

Utilities for the UDS II—UDS II Schedule Editor; Revise, continued

4. Each time an exact match to the search criteria is found, the UDS II Schedule Editor displays the source number, scheduled start time, and run time for the matching event. The UDS II Schedule Editor prompts you to revise the event, to skip this event and continue searching, or to quit revising immediately.


```
                      UDS II Schedule Editor 9.x
                        Schedule Date:  11/13
                    Press F1 to Display Help Window


Source CD/Cart      HH:MM       Length     Description
  01   C160-00      05:48 AM    03:07      :24 HILL STREET BLUES--POST, MIKE
! 94   Relay On     05:51 AM    00:02      [1] RELAY 1 ON
  01
  01        Revise both CD/Cart and Description/Breaknote for:
! 82
! 03         9402              DALLAS CAN ACADEMY 2
! 03
! 03        Source:  03    Airtime:  12:27 PM   Duration:   00:30
! 03
! 03        Revision:  9401   DALLAS CAN ACADEMY 1
  01
  03
  01        Y-Yes, Revise It    N-No, Don't Revise It    Q-Quit Revisions.   LY
  03
  01   M167-00      05:66 AM    02:36      :15 ONE EMOTION--BLACK, CLINT
```

Figure 3-57 UDS II Schedule Editor Revise Example— Action Prompt Window

➢ To revise this event and continue searching for more matching events, press Ⓨ.

➢ To leave this event unchanged and continue searching for more matching events, press Ⓝ.

➢ To leave this event unchanged and stop searching immediately, press Ⓠ.

5. Continue answering Ⓨ or Ⓝ until you have completed revising the events. Answer Ⓠ if you complete revising events before the search process reaches the end of the schedule.

   If you reach the end of the schedule and there are no more matching events, the UDS II Editor returns you to the main editing window at the position you began the Revise process with the starting event highlighted.

Utilities for the UDS II—UDS II Schedule Editor, continued

⑤ (or ⑪)—Swap (or Juggle)

The Swap (or Juggle) feature of the UDS II Schedule Editor swaps the locations of two events in the schedule. The Swap process is often useful if you need to juggle the commercials in a stop set to avoid same-voice conflicts or to switch two songs to avoid machine or other conflicts.

To use the Swap feature, follow the steps outlined below:

1. Use the ⬆ and ⬇ arrow keys to highlight one of the two events you want to swap.

    For example, you know that the "Ed's Sports Cards" and "Rowald Beef Jerky" commercials share the same announcer and you have noticed that they are scheduled back-to-back in the 1:08 p.m. stop set.

    Use the arrow keys to highlight the "Rowald Beef Jerky" spot.

```
            UDS II Schedule Editor 9.x
               Schedule Date:  11/13
            Press F1 to Display Help Window


Source CD/Cart      HH:MM      Length   Description
  01  E023-00      01:05 PM    02:48    :16 FOURTEEN MINUTES OL--STONE, DOUG
! 81  Delete to    01:08 PM    00:00    :08:00 SAFE TIME UPDATE
! 03  7096         01:08 PM    00:30    ED'S CARDS AND STUFF
! 03  7112         01:08 PM    00:30    ROWALD BEEF JERKY
! 03  7201         01:08 PM    00:30    SPOT HITTER COFFEE
! 03  1207         01:10 PM    00:10    KJZY MEDIUM-FAST JINGLE
  01  V26B-00      01:10 PM    04:05    :23 ANY LOVE [RADIO EDI--RICCA
  01  N237-00      01:14 PM    02:59    :12 ROCK AND ROLL BAND--BOSTON
  01  4009         01:17 PM    00:02    KJZY WHISPER SWEEPER
  01  B502-00      01:17 PM    03:31    :08 LA GRANGE--ZZ TOP
  03  VO09         01:20 PM    00:20    [V] JESSE DEBODY VOICEOVER
  01  B161-00      01:21 PM    03:17    :15 MAN OF MY WORD--RAYE, COLLIN
! 82  Delete to    01:24 PM    00:00    :23:00 TIME UPDATE
! 03  7032         01:24 PM    00:30    GRANDY'S
! 03  7020         01:25 PM    00:30    WAL MART
```

Figure 3-58 UDS II Schedule Editor Swap Example— Pre-Swap

Utilities for the UDS II—UDS II Schedule Editor; Swap (Juggle), continued

2.   Press Ⓢ to begin the swap process. The highlighted event begins to blink and the text changes to black on a green background to indicate you are in the swap process.


```
      Move the cursor to event you wish to Swap and press 'S' or 'J'.
            This causes the two events to "trade places."
                 Press the Esc key to Cancel the Swap.


Source CD/Cart      HH:MM       Length    Description
    01   E023-00    01:05 PM    02:48     :16 FOURTEEN MINUTES OL--STONE, DOUG
 !  81   Delete to  01:08 PM    00:00     :08:00 SAFE TIME UPDATE
 !  03   7096       01:08 PM    00:30     ED'S CARDS AND STUFF
 !  03   7112       01:08 PM    00:30     ROWALD BEEF JERKY
 !  03   7201       01:08 PM    00:30     SPOT HITTER COFFEE
 !  03   1207       01:10 PM    00:10     KJZY MEDIUM-FAST JINGLE
    01   U26B-00    01:10 PM    04:05     :23 ANY LOVE [RADIO EDI--RICCA
    01   N237-00    01:14 PM    02:59     :12 ROCK AND ROLL BAND--BOSTON
    01   4009       01:17 PM    00:02     KJZY WHISPER SWEEPER
    01   B502-00    01:17 PM    03:31     :08 LA GRANGE--ZZ TOP
    03   V009       01:20 PM    00:20     [V] JESSE DEBODY VOICEOVER
    01   B161-00    01:21 PM    03:17     :15 MAN OF MY WORD--RAYE, COLLIN
 !  82   Delete to  01:24 PM    00:00     :23:00 TIME UPDATE
 !  03   7032       01:24 PM    00:30     GRANDY'S
 !  03   7020       01:25 PM    00:30     WAL MART
```

Figure 3-59 UDS II Schedule Editor Swap Example— First Highlight

3.   Now, use the ⬆ and ⬇ arrow keys to highlight the second event you want to swap.

For this example, press ⬇ once to highlight the "Spot Hitter Coffee" commercial.


```
      Move the cursor to event you wish to Swap and press 'S' or 'J'.
            This causes the two events to "trade places."
                 Press the Esc key to Cancel the Swap.


Source CD/Cart      HH:MM       Length    Description
    01   E023-00    01:05 PM    02:48     :16 FOURTEEN MINUTES OL--STONE, DOUG
 !  81   Delete to  01:08 PM    00:00     :08:00 SAFE TIME UPDATE
 !  03   7096       01:08 PM    00:30     ED'S CARDS AND STUFF
 !  03   7112       01:08 PM    00:30     ROWALD BEEF JERKY
 !  03   7201       01:08 PM    00:30     SPOT HITTER COFFEE
 !  03   1207       01:10 PM    00:10     KJZY MEDIUM-FAST JINGLE
    01   U26B-00    01:10 PM    04:05     :23 ANY LOVE [RADIO EDI--RICCA
    01   N237-00    01:14 PM    02:59     :12 ROCK AND ROLL BAND--BOSTON
    01   4009       01:17 PM    00:02     KJZY WHISPER SWEEPER
    01   B502-00    01:17 PM    03:31     :08 LA GRANGE--ZZ TOP
    03   V009       01:20 PM    00:20     [V] JESSE DEBODY VOICEOVER
    01   B161-00    01:21 PM    03:17     :15 MAN OF MY WORD--RAYE, COLLIN
 !  82   Delete to  01:24 PM    00:00     :23:00 TIME UPDATE
 !  03   7032       01:24 PM    00:30     GRANDY'S
 !  03   7020       01:25 PM    00:30     WAL MART
```

Figure 3-60 UDS II Schedule Editor Swap Example— Second Highlight

Utilities for the UDS II—UDS II Schedule Editor; Swap (Juggle), continued

4. Press ⓢ again to complete the Swap process. The two events swap places in the schedule.

```
                    UDS II Schedule Editor 9.x
                       Schedule Date:  11/13
                    Press F1 to Display Help Window


  Source CD/Cart      HH:MM      Length   Description
    01   E023-00     01:05 PM    02:48    :16 FOURTEEN MINUTES OL--STONE, DOUG
  ! 81   Delete to   01:08 PM    00:00    :08:00 SAFE TIME UPDATE
  ! 03   7096        01:08 PM    00:30    ED'S CARDS AND STUFF
  ! 03   7201        01:08 PM    00:30    SPOT HITTER COFFEE
  ! 03   7112        01:08 PM    00:30    ROWALD BEEF JERKY
  ! 03   1207        01:10 PM    00:10    KJZY MEDIUM-FAST JINGLE
    01   V26B-00     01:10 PM    04:05    :23 ANY LOVE [RADIO EDI--RICCA
    01   N237-00     01:14 PM    02:59    :12 ROCK AND ROLL BAND--BOSTON
    01   4009        01:17 PM    00:02    KJZY WHISPER SWEEPER
    01   B502-00     01:17 PM    03:31    :08 LA GRANGE--ZZ TOP
    03   VO09        01:20 PM    00:20    [V] JESSE DEBODY VOICEOVER
    01   B161-00     01:21 PM    03:17    :15 MAN OF MY WORD--RAYE, COLLIN
  ! 82   Delete to   01:24 PM    00:00    :23:00 TIME UPDATE
  ! 03   7032        01:24 PM    00:30    GRANDY'S
  ! 03   7020        01:25 PM    00:30    WAL MART
```

Figure 3-61 UDS II Schedule Editor Swap Example— Swap Completed

To abort the swap, press ⎋ESC⎤ at any time *before* you press ⓢ for the second time.

The start time for each swapped event will be re-calculated based on its new position in the schedule.

Utilities for the UDS II—UDS II Schedule Editor, continued

⊤—Time Recalculate

The Time Recalculate feature of the UDS II Schedule Editor updates the scheduled start time for every event in the schedule. The Time Recalculate process is based on the run time for each event and the accumulated time in each hour—with the hour starting at :00. This feature is useful for quickly determining the correct approximate start time for an event after a number of events have been deleted, inserted, moved, or swapped in the schedule.

> **IMPORTANT!** Exiting the UDS II Editor and saving any changes will automatically re-calculate the start times using this method, unless you have configured the Editor to do otherwise.

📖 Read *Customizing the Utilities* starting on page 3-42 for details on how to prevent automatic time re-calculation.

Look at the scheduled start times in the example below. Note that the start times do not make sense when compared to the approximate run times for each event in the hour. The Time Recalculate process corrects this problem.

```
                    UDS II Schedule Editor 9.x
                     Schedule Date:  11/13
                   Press F1 to Display Help Window


Source  CD/Cart    HH:MM      Length   Description
! 03    1206       11:00 AM   00:10    KJZY LEGAL ID
  01    026B-00    11:00 AM   04:18    :19 DAY IN THE SUN--FRAMPTON, PETER
  01    E658-00    11:03 AM   04:23    :11 DOWNTOWN TRAIN--STEWART, ROD
  01    B019-00    11:03 AM   02:54    :13 IT'S YOU AGAIN--EWING, SKIP
  01    P138-00    11:03 AM   03:35    :15 RUN TO YOU--ADAMS, BRYAN
! 94    Relay On   11:07 AM   00:02    [1] RELAY 1 ON
! 81    Delete to  11:10 AM   00:00    :08:00 SAFE TIME UPDATE
! 03    7019       11:10 AM   00:30    FOLEY'S
! 03    7038       11:11 AM   00:30    MOUNDS BAR
! 03    7036       11:11 AM   00:30    CERTS
! 03    1207       11:11 AM   00:10    KJZY MEDIUM-FAST JIN LE
  01    E126-00    11:12 AM   03:23    :10 I WONDER HOW FAR IT--TIPPIN, AARON
  03    4009       11:12 AM   00:02    KJZY WHISPER SWEEPER
  01    F148-00    11:12 AM   02:55    :15 MONEY IN THE BANK--ANDERSON, JOHN
  01    M127-00    11:20 AM   03:23    :10 I WANT HER NOW--GIPPER, RON
```

Figure 3-62 UDS II Schedule Editor Time Recalculate Example— Pre-Recalculation

1.   Press ⊤ to begin the Time Recalculate process.

Utilities for the UDS II—UDS II Schedule Editor; Time Recalculate, continued

2. The UDS II Editor prompts you to confirm that you wish to update the scheduled start
    times for every event in the schedule.

```
        F2: Recalculate start times throughout the entire schedule.
        All events at the top of the hour begin at :00 by default.
             Pressing any other key cancels the Time Recalculation.

Source CD/Cart       HH:MM       Length    Description
! 03  1206           11:00 AM    00:10     KJZY LEGAL ID
  01  026B-00         11:00 AM    04:18     :19 DAY IN THE SUN--FRAMPTON, PETER
  01  E658-00         11:03 AM    04:23     :11 DOWNTOWN TRAIN--STEWART, ROD
  01  B019-00         11:03 AM    02:54     :13 IT'S YOU AGAIN--EWING, SKIP
  01  P138-00         11:03 AM    03:35     :15 RUN TO YOU--ADAMS, BRYAN
! 94  Relay On        11:07 AM    00:02     [1] RELAY 1 ON
! 81  Delete to       11:10 AM    00:00     :08:00 SAFE TIME UPDATE
! 03  7019           11:10 AM    00:30     FOLEY'S
! 03  7038           11:11 AM    00:30     MOUNDS BAR
! 03  7036           11:11 AM    00:30     CERTS
! 03  1207           11:11 AM    00:10     KJZY MEDIUM-FAST JINGLE
  01  E126-00         11:12 AM    03:23     :10 I WONDER HOW FAR IT--TIPPIN, AARON
  03  4009           11:12 AM    00:02     KJZY WHISPER SWEEPER
  01  F148-00         11:12 AM    02:55     :15 MONEY IN THE BANK--ANDERSON, JOHN
  01  M127-00         11:20 AM    03:23     :10 I WANT HER NOW--GIPPER, RON
```

Figure 3-63 UDS II Schedule Editor Time Recalculate Example— Confirmation

3. Press ⌨ to confirm this action. Pressing any other key cancels the time re-calculation.

    Please note in the example below that the scheduled start times for each event in the
    schedule now agree with the approximate run times for each event.

```
                      UDS II Schedule Editor 9.x
                       Schedule Date:  11/13
                      Press F1 to Display Help Window

Source CD/Cart       HH:MM       Length    Description
! 03  1206           11:00 AM    00:10     KJZY LEGAL ID
  01  026B-00         11:00 AM    04:18     :19 DAY IN THE SUN--FRAMPTON, PETER
  01  E658-00         11:04 AM    04:23     :11 DOWNTOWN TRAIN--STEWART, ROD
  01  B019-00         11:09 AM    02:54     :13 IT'S YOU AGAIN--EWING, SKIP
  01  P138-00         11:12 AM    03:35     :15 RUN TO YOU--ADAMS, BRYAN
! 94  Relay On        11:15 AM    00:02     [1] RELAY 1 ON
! 81  Delete to       11:15 AM    00:00     :08:00 SAFE TIME UPDATE
! 03  7019           11:15 AM    00:30     FOLEY'S
! 03  7038           11:16 AM    00:30     MOUNDS BAR
! 03  7036           11:16 AM    00:30     CERTS
! 03  1207           11:17 AM    00:10     KJZY MEDIUM-FAST JINGLE
  01  E126-00         11:17 AM    03:23     :10 I WONDER HOW FAR IT--TIPPIN, AARON
  03  4009           11:20 AM    00:02     KJZY WHISPER SWEEPER
  01  F148-00         11:20 AM    02:55     :15 MONEY IN THE BANK--ANDERSON, JOHN
  01  M127-00         11:23 AM    03:23     :10 I WANT HER NOW--GIPPER, RON
```

Figure 3-64 UDS II Schedule Editor Time Recalculate Example— Completed

Utilities for the UDS II—UDS II Schedule Editor, continued

⌷ALT ⌷F10 —Digital Audio Cart Pick List Configuration

The Digital Audio Cart Pick List Configuration feature of the UDS II Schedule Editor allows you to determine which frequently used digital audio events can be inserted into the schedule using the List or Grab features.

You may catalog up to 30 different digital audio events for insertion into the schedule.

1.   From the main editing screen, press ⌷ALT ⌷F10 . The UDS II Editor Pick List Configuration window appears.

2.   The cursor will be in the first column of the first line. To add a new digital audio event to the list, use the ⌷↑ or ⌷↓ arrow keys to move the cursor to a blank line. To edit a digital audio event, use the ⌷↑ or ⌷↓ arrow keys to move the cursor to the event you wish to edit.
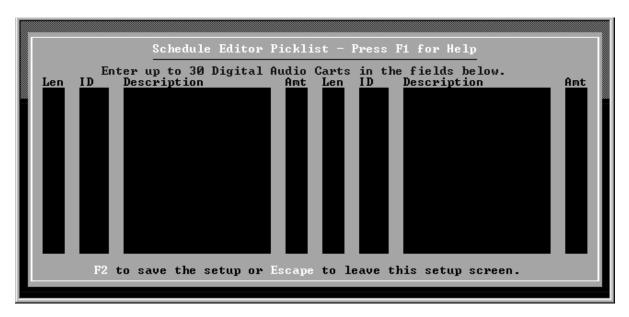
Figure 3-65 UDS II Schedule Editor Pick List Configuration Example— New List

Utilities for the UDS II—UDS II Schedule Editor; Digital Audio Cart Pick List, continued

3. Enter the event's length in seconds, four-character cart number, and a brief description of the event. All three of these fields must be entered in order for the event to be a valid pick list item.

    ➢ The length must be greater than zero seconds.

    ➢ The four-character cart number must be precisely four characters.

    ➢ You cannot leave the description field blank.

    If the event you enter does not meet these basic requirements, it will not be available for either the List or Grab features.

    Use the ⬚ (Tab) or ⌨ key to move from field to field.

4. Repeat steps two and three until you have added/edited all the events you desire.

    To replace an event you no longer need, type the information for the new event over the old event. A pick list element can be deleted outright by changing the length field to 0 (zero) and then saving the updated pick list by pressing ⬚.
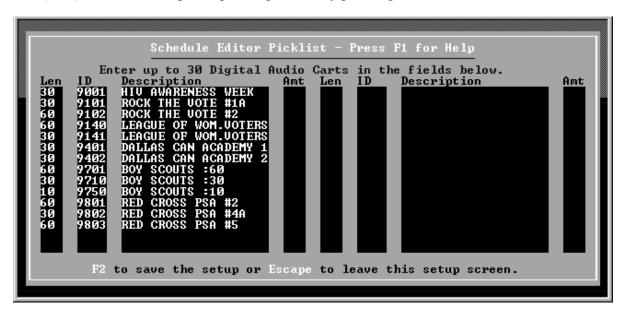
Figure 3-66 UDS II Schedule Editor Pick List Configuration Example— Sample List

5. Press ⬚ to save the list for later use.

The `Amt` field shows how many times each event has been used by the Grab or List features.

Utilities for the UDS II—UDS II Schedule Editor, continued

Fixing Common UDS II Editor Errors

➪ `There's a problem with this computer: Memory too low! You need 348kb free but have only <x> kb free!`

Where <x> kb is the amount of RAM available. You may be running the Utilities from inside a DOS shell, or some other program still resides in memory.

Exit all software to the DOS prompt and type E X I T ENTER . If that does not bring up some other program, reboot the computer and run the Utilities again.

➪ `There's a problem with this computer: Insufficient disk space! You have <x> kb free but need to have <y> kb available.`

Where <x> kb is the amount of disk space available and <y> kb is the amount of disk space the program requires to run. The UDS II Schedule Editor needs a certain amount of disk space for temporary files while editing.

Delete unneeded non-Utilities related files.

➪ `File Related Error: <message>`

Where <message> is the computer's technical description of the error, including the name of the file involved. The file either cannot be found or access to the file was denied by the network.

Make sure the file exists and is not in use by another user or by another copy of the Utilities running under Windows. You must run only one instance of the Utilities at a time.

➪ `A variable is outside of its normal range: <name of variable>`

The schedule file has been corrupted, the date is not correct, or a single event is longer than 100 minutes.

Check the schedule to make sure each event is less than 100 minutes long. Try reconverting the music schedule from MusicMaster and regenerating a new UDS II-compatible music schedule from the Generate feature of the Utilities.

Utilities for the UDS II, continued

⊤ Transfer Completed Schedule

After a schedule has been converted, generated, checked, merged, rechecked, edited, and rechecked, it is ready to be loaded into the Ultimate Digital Studio II. To get the schedule from here (on the music scheduling computer) to there (the UDS II control computer), you must *transfer* the schedule to a diskette or network subdirectory.

Important: Most RadioSuite HD users make use of the local area network to transfer schedule files. These users must create a special subdirectory on the RadioSuite HD or network computer for these files. The Transfer utility must also be configured to run on a local-area network.

📖 Read more about using a local area network in *Customizing the Utilities* starting on page 3-42 and *Using Networks with UDS II* in Appendix A of this manual.

➢ To transfer schedule files to UDS II via a local area network, see the instructions beginning on page 3-124.

➢ To transfer schedule files to UDS II via diskette, see the instructions beginning on page 3-130.

Utilities for the UDS II—Transfer Completed Schedule, continued

➡ **To transfer these files via a *local-area network*, follow these steps:**

> **Important:** If you are transferring the schedule across a local-area network, your MusicMaster computer *must* be logged on to the network before attempting this data transfer. RadioSuite HD users should make sure they are logged on with the proper user name and password for this computer. Check with your local network administrator to be sure that you have rights to both write and create files in the target directory.

1. From the Utilities menu, press ⊡ to select Transfer Completed Schedule.

    A screen appears showing the starting and ending dates and times for the current UDS II schedule.

```
         On Air USA UDS II Transfer System: Version 9.x


     The UDS II schedule which begins on 11/13 at 12:00 AM
     and ends on 11/13 at 11:64 PM must be transferred to
     to the proper network directory before the F10 import.

     Confirm the drive letter (A through Z) that you will
     use to transfer the UDS II Friday files: Z

     Enter or F2 to accept. Escape to abort the transfer.



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```
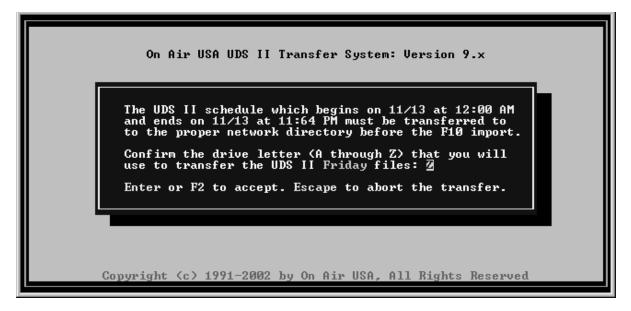
Figure 3-67 Transfer Completed Schedule via Local-Area Network— Drive Selection

Utilities for the UDS II—Transfer Completed Schedule, continued

2. Check the start and end dates and times for the current UDS II schedule.

⇨   If the start and end dates and times are correct and you have pre-configured the drive letter for the local area network drive you are using to transfer the schedule, type ⌷ENTER⌷ to confirm this drive letter and continue.

⇨   If the start and end dates and times are correct and you have not pre-configured the drive letter for the local area network drive, type the drive letter you are using to transfer the schedule. For example, if the destination drive on the local-area network is drive Z:, type ⌷Z⌷ ⌷ENTER⌷ to continue.

⇨   If the start and end dates and times are not correct, abort the transfer process by pressing ⌷ESC⌷ . Convert, generate, check, and merge the correct day's log before trying the Transfer utility again.

3. The Transfer utility displays the destination path you configured for these files.

On Air USA UDS II Transfer System: Version 9.x

```
Please verify (or change) the path where UDS II files
for Friday are to be copied on drive Z:

     \KUDS\SKDS\FRI

Enter or F2 to accept. Escape to abort the transfer.
```

Copyright (c) 1991-2002 by On Air USA, All Rights Reserved
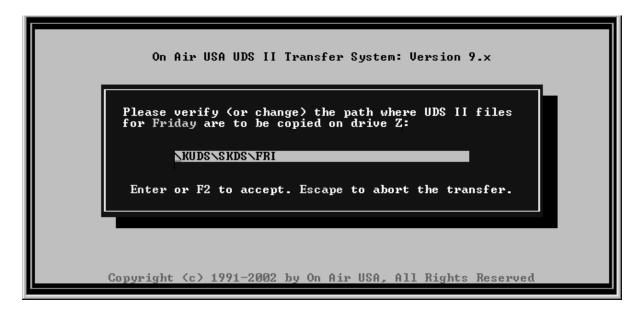
Figure 3-68 Transfer Completed Schedule via Local-Area Network— Path Selection

⇨   If this path is correct, press ⌷ENTER⌷ or ⌷F2⌷ to proceed with the transfer process.

⇨   If this path is *not* correct, type the correct path then press ⌷ENTER⌷ or ⌷F2⌷ to proceed with the transfer process. After the transfer process is complete, you should check the configuration for this item and, if necessary, correct it.

Utilities for the UDS II—Transfer Completed Schedule, continued

4.   The Transfer utility compares the digital audio carts in the schedule with the current cart inventory on the RadioSuite HD computer.

Note: This step is optional and only functions if items 4a and 4b in the UDS II Utilities Configuration Setup screen were configured as described on page 3-39 and there is network access to the RadioSuite HD computer.

Figure 3-69   Transfer Completed Schedule— Checking Cart Inventory

There are two possible outcomes to this evaluation:

- If there are discrepancies found in the schedule, the message below will be displayed and you should continue with the instructions on the next page.

Figure 3-70 Transfer Completed Items— Cart Inventory Problem Detected

- If there are no discrepancies in the schedule, the "transfer complete" screen will be displayed and you should skip to step 5 on page 3-128.

Utilities for the UDS II—Transfer Completed Schedule, continued

If discrepancies are found between the schedule and the RadioSuite HD cart inventory, you are presented with three options: view a listing, continue the transfer, or quit.

First, press Ⓥ to view a listing of the problem carts.

```
                          Viewing File: CART_CHK._RS
Invalid cart report - UDS II schedule for November 13:

Scheduled at time Cart Title                                    Explanation
----------------- ---- ---------------------------------------- ------------------
12:15 AM          C867 JENNY TUTONE COMM.-X5309                 Cart not found
03:35 AM          C867 JENNY TUTONE COMM.-X5309                 Cart not found
09:39 AM          C867 JENNY TUTONE COMM.-X5309                 Cart not found
05:15 PM          C113 FENTON COSTUMES HALLOWEEN SPECIAL        Invalid date/time
06:48 PM          C867 JENNY TUTONE COMM.-X5309                 Cart not found
10:31 PM          C867 JENNY TUTONE COMM.-X5309                 Cart not found
*- <End of File> -*




            For complete information on special key functions, press F1
```

Figure 3-71 Transfer Completed Schedule— Invalid Cart Report

While viewing this listing, you may press Ⓟ to print it for use in fixing these problems. Press ESC when you are done examining this list. Now you can choose whether to continue with the transfer or quit to the main menu and *not* transfer this schedule.

```
        Remember...hit V, C or Q for the choices as shown below:

   The schedule about to be transferred has invalid or missing carts.
   Press V to View a listing, C to Continue with the transfer process
   or Q to Quit the transfer of this schedule.
```

Figure 3-72 Transfer Complete Schedule— Cart Inventory Problem Reminder

➢   If the problems can be resolved by adding or editing carts in RadioSuite HD, press Ⓒ to continue. The items will remain in the schedule and you may resolve the cart problems using RadioSuite Explorer.

➢   If the problems must be resolved by editing the schedule, press Ⓠ to quit the transfer process. After you have fixed the schedule you must complete this transfer process before the schedule may be imported by the UDS II.

Utilities for the UDS II—Transfer Completed Schedule, continued

5.   The Transfer utility displays the names of the files and the number of bytes being copied to the destination on the local-area network.
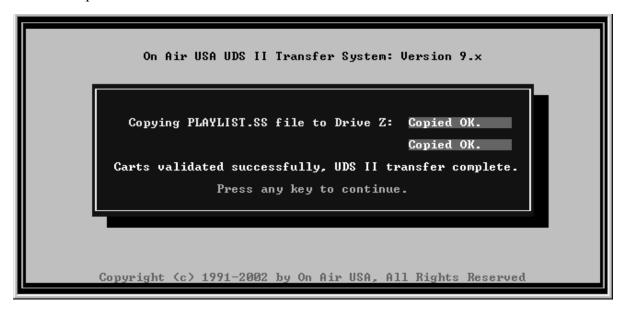
Figure 3-73 Transfer Completed Schedule— Completed

If you have made changes to your music database, a NEWADDS.DB report will be generated and transferred, as illustrated below.
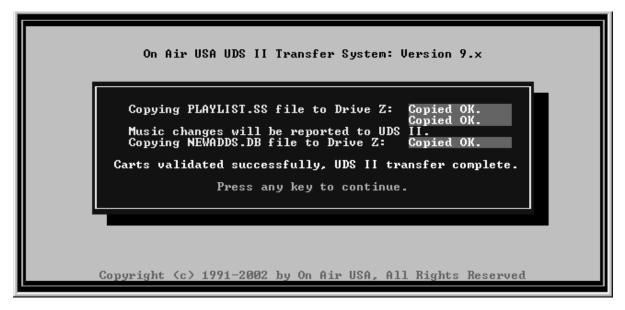
Figure 3-74 Transfer Completed Schedule— Complete with NEWADDS.DB

In either case, when the computer displays a message stating "transfer complete," you may import these files into UDS II or mark them for automatic import in the next step.

Utilities for the UDS II—Transfer Completed Schedule, continued

IMPORTANT: The following step will only appear if you set item 2c, "Automatic scheduled import after transfer," to Y in the UDS II Utilities Configuration Setup screen as described in *Configuring the Utilities* beginning on page 3-39.

6. The transferred schedule can be marked for automatic importing by the UDS II.

On Air USA UDS II Transfer System: Version 9.x

The schedule for Friday that you've transferred will be prepared for automatic loading by the UDS II if you enter Y:

Y

Enter Y or N in the field above or Escape to abort.

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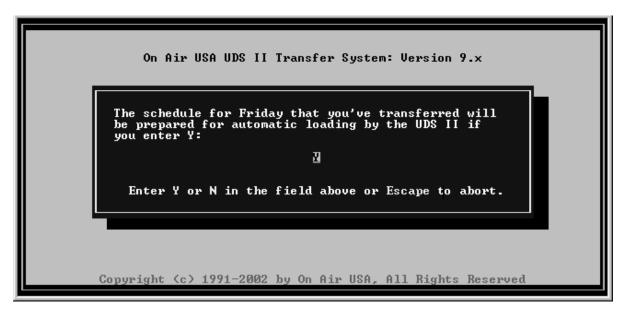
Figure 3-75 Transfer Completed Schedule— Automatic Import

Press Y then ENTER to mark the schedule for automatic importing. Press N or ESC to abort this process. If you abort, the schedule remains transferred to UDS II but it must be either manually imported via the Alt-F10 window or by system command.

When the marking is complete, a message will be displayed as shown below.

Friday's schedule prepared for loading by UDS II.

Press any key to exit.

Figure 3-76 Transfer Completed Schedule— Marked for Import

This completes the transfer process. Press any key to return to the main menu.

Utilities for the UDS II—Transfer Completed Schedule, continued

⇨ **To transfer these files via *diskette*, follow these steps:**

1. From the Utilities menu, press ⊤ to select Transfer Completed Schedule.

   A screen appears showing the starting and ending dates and times for the current UDS II schedule.
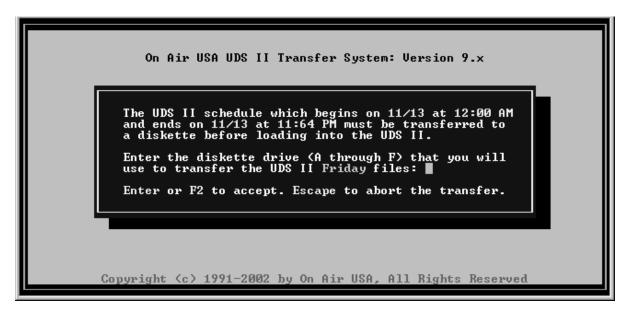
Figure 3-77 Transfer Completed Schedule via Diskette— Drive Selection

2. Check the starting and ending dates and times for the current UDS II schedule.

   ⇨ If the start and end dates and times are correct, type the drive letter for the diskette you are using to transfer the schedule.

      For example, if the schedule transfer diskette is in the A: drive, type Ⓐ ENTER .

   ⇨ If the start and end dates and times are not correct, abort the transfer process by pressing ESC . Convert, generate, check, and merge the correct day's log before trying the Transfer utility again.

Utilities for the UDS II—Transfer Completed Schedule, continued

3.   The Transfer utility displays names of the files and the number of bytes being copied to the transfer diskette. When the copying is finished and verified, the Transfer utility displays a message stating that the transfer is complete,

Figure 3-78 Transfer Completed Schedule via Diskette— Completed

You may import the files from diskette into the UDS II.

Utilities for the UDS II—Transfer Completed Schedule, continued

The Files Transferred by Transfer

⇨ `PLAYLIST.SS`

This file contains the complete event-by-event list of everything that will play or occur on the UDS II for one day.

⇨ `NEWADDS.DB`

This file contains significant changes, deletions, or additions to songs made in the MusicMaster music library.

See *New Adds—Verify UDS II Music Adds, Changes and Deletes* starting on page 3-74 for more details on the New Adds process and how you may view recent New Adds files.

If any of these files already exist on the target disk in the target directory, they will be overwritten by the Transfer process. This allows you to repeatedly use a single diskette for transfers.

IMPORTANT! Because the NEWADDS.DB file on the target disk is overwritten each time you transfer the schedule files, it is possible to lose music library changes. The scenario is as follows:

1. A Transfer occurs and the resultant files are *not* loaded into UDS II.

2. Additional changes are made to the MusicMaster music library.

3. The Transfer program is run a second time for the same schedule date and the newly created NEWADDS.DB file is copied to the transfer disk, overwriting the first NEWADDS.DB file.

Only the data from the *most recent* NEWADDS.DB file is read by the UDS II when the schedule is imported. After you transfer a schedule, *always* import that schedule into the UDS II. Each time you import the schedule, the UDS II reads the NEWADDS.DB file as well as the schedule files. If you are not pleased with the schedule for some reason, you may continue to re-import subsequent schedules into the UDS II. Each new import overwrites the previous instance of that schedule file but does not undo changes to the music library. By always importing your schedule you will not risk losing any music library changes.

Utilities for the UDS II—Transfer Completed Schedule, continued

Fixing Common Transfer Errors

⇨ `This is an UNMERGED schedule!`

You are attempting to transfer a music schedule that has not been merged with a traffic log. The schedule may contain special items, such as rotating breaknotes, which must be processed by the Merge program to function normally.

Press ENTER to continue with the Transfer process only if this schedule contains nothing but music. Otherwise, press ESC to return to the Utilities menu.

⇨ `No diskette in Drive X:`

There is no diskette in the drive indicated (represented here by X) in the error message.

Insert a diskette, or make sure the diskette is seated properly in the drive.

⇨ `Unable to transfer files, not enough room on Drive X:`

There is not enough space on the transfer disk to hold the UDS II schedule files.

Exit to DOS and delete any files currently residing on the transfer disk. If the disk is blank and there is still not enough room, try a higher capacity disk.

⇨ `Drive X: is invalid.`

You specified a disk drive (represented here by X) that does not exist.

Try a drive letter for an available drive. You may need to log onto the local-area network if you are attempting to transfer to the network drive.

⇨ `DOS Critical Error: Drive X:`

There are read/write problems with the target drive (represented here by X).

If transferring via diskette, make sure there *is* a diskette in the drive. If there is, reformat the diskette and try the transfer again. If that fails, discard the diskette and try a new one. If the error persists, the diskette drive itself may be at fault. Reboot the computer, check the CMOS settings for the diskette drive, and retry the transfer. If these suggestions do not fix the problem, check with your local computer expert to examine the diskette drive.

If transferring via network drive, check with your system administrator to ensure that your access rights do indeed permit both write and create permissions for the target network subdirectory.

Utilities for the UDS II, continued

⑤ System Maintenance

This function allows you to generate new music libraries for the UDS II, update the UDS II music library, backup and restore Utilities configuration files, restore previous schedule files, and license the Utilities for the UDS II for use on this MusicMaster scheduling computer.

Getting Started

1. From the Utilities menu, press ⑤ to select System Maintenance.

    The System Maintenance menu appears.

```
═══════ MusicMaster/UDS II - Registered to ON_AIR ═══════
              ┌───── Utilities: System Maintenance ─────┐
              │ 1.  █B-Build a UDS II Music Library█     │
              │                                          │
              │ 2.  U-Update the UDS II Music Library    │
              │                                          │
              │ 3.  M-Make a UDS II Data Backup          │
              │                                          │
              │ 4.  R-Restore a UDS II Data Backup       │
              │                                          │
              │ 5.  S-Schedule Restoration for UDS II    │
              │                                          │
              │ 6.  L-License and Registration           │
              │                                          │
              │ 7.  E-Exit to the Previous Menu          │
              │   ─ F1: Help    Alt-F10: Configure ─     │
              └──────────────────────────────────────────┘
  Creates the SSMUSIC.DB file required by UDS II when first started. This
  step should only be done at initialization or when there's a format change.
═══════ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ═══════
```

Figure 3-79 System Maintenance Menu

2. From the System menu, press the key corresponding to the feature you wish to use. Or you may use the ⬆ and ⬇ keys to highlight the feature and press ENTER to execute it.

    ⇨ To build a new UDS II music library, press Ⓑ. *Details begin on page 3-135.*

    ⇨ To update the UDS II music library, press Ⓤ. *Details begin on page 3-140.*

    ⇨ To back up the UDS II-related data files, press Ⓜ. *Details begin on page 3-142.*

    ⇨ To restore the UDS II-related data files, press Ⓡ. *Details begin on page 3-145.*

    ⇨ To use the schedule restoration feature, press Ⓢ. *Details begin on page 3-148.*

    ⇨ To license and register the Utilities, press Ⓛ. *Details begin on page 3-150.*

Utilities for the UDS II—System Maintenance, continued

Ⓑ—Build a New UDS II Music Library

> *Note:* This option is used only when you are first setting up the UDS II or you wish to make a large number of changes (50 or more) at any one time in your music library. After initial music library installation, MusicMaster and the Utilities work together every day to keep the UDS II music library accurate and up-to-date.

📖 If these directions look familiar, it is because you used a similar sequence of steps to generate your initial UDS II music library in the *Create the UDS II Music Library Database* section beginning on page 3-47 of this chapter.

Before you may use the Build utility, you must first create a current ASCII copy of the MusicMaster Music library. Follow these steps to create this critical file:

1. From the MusicMaster main menu, press Ⓢ to open the Schedule Music menu.

2. From the Schedule Music menu, press Ⓘ to open the Interface Utilities menu.

3. From the Interface Utilities menu, use the ⬇ key to highlight `MS2ASC` then press ⏎ to begin the database creation process. MusicMaster displays version and directory information on a new screen.

4. Press `SPACE` to convert the music library. MusicMaster counts the songs as they are converted and displays diagnostic information. When the conversion is complete, MusicMaster reports `Press Any Key to Return to MusicMaster.`

5. Press `SPACE` to return to MusicMaster then press `ESC` twice to return to the main menu.

Now that the current ASCII copy of the MusicMaster Music library has been created, follow these steps to build the new UDS II music library file:

1. From the MusicMaster main menu, press Ⓡ to choose Return then press Ⓤ to select the UDSMenu option. This option starts the Utilities for the UDS II.

2. From the Utilities for the UDS II main menu, press Ⓢ to choose System Maintenance.

3. From the System Maintenance menu, press Ⓑ to choose Build a UDS II Music Library.

Utilities for the UDS II—System Maintenance; Build a New UDS II Music Library, continued

4. The Music Library Conversion screen displays a dialog box showing the date and time of the most recently created `LIBRARY.ASC` file. If this matches the date and time at which you created this file, press ENTER or F2 to proceed.
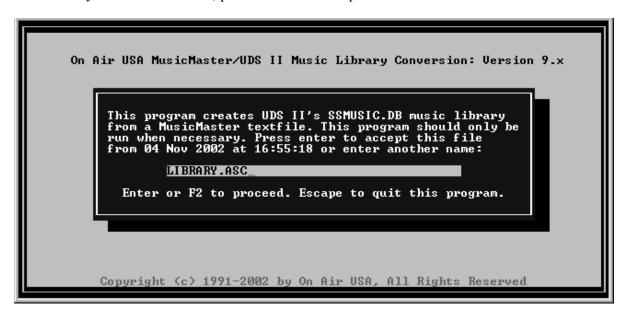
Figure 3-80 Build— Music Library Conversion Dialog Box

If your computer's date and time are set correctly, the date and time reported for this file should closely match the current time. If the date and time do *not* match, check the date and time as reported on the main menu screen of MusicMaster for accuracy.

Utilities for the UDS II—System Maintenance; Build a New UDS II Music Library, continued

5. The library converion program counts songs as it converts the LIBRARY.ASC file from MusicMaster into the SSMUSIC.DB file to be loaded into the UDS II control computer.

    When the conversion process is complete, you can view or copy the converted file.

```
On Air USA MusicMaster/UDS II Music Library Conversion: Version 9.x



      MusicMaster/SSMUSIC.DB database conversion complete!

      447 Available Songs in the UDS II Music Library

      You may view the results of the conversion or copy the
      UDS II music library to diskette. V-View or C-Copy: █

      Enter or F2 to proceed. Escape to quit this program.




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```

Figure 3-81 Build— Music Library Conversion View/Copy Select Screen

6. Visually confirm that your music library was properly converted by pressing Ⓥ ⏎ to view a text copy of the SSMUSIC.DB data file.

```
                       Viewing File: SSMUSIC.TXT
             ----------------------------------------------------
             SSMUSIC.TXT: MusicMaster to UDS II Data Conversion
             ----------------------------------------------------

 Num  CD-Cut    Artist           Title             Intro   Time   Cuein
  1: M35A-00   Tillis, Pam      In Between Dances  (:10/C) 03:15  [00.0]
  2: M373-00   Ball, David      Thinkin' Problem   (:00/C) 02:54  [00.0]
  3: M18A-00   Tritt, Travis    Take It Easy       (:17/C) 03:24  [00.0]
  4: M37A-00   Norwood, Daron   Cowboys Don't Cry  (:07/C) 02:59  [00.0]
  5: M69A-00   McGraw, Tim      Maybe we should jus(:12/F) 02:45  [00.0]
  6: M95A-00   Estefan, Gloria  It's Too Late      (:19/C) 03:13  [00.0]
  7: M993-00   Chesnutt, Mark   Down In Tennessee  (:14/C) 03:14  [00.0]
  8: M93A-00   Twain, Shania    Dance With The One (:12/C) 02:17  [00.0]
  9: M173-00   Lawrence, Tracy  The Coast Is Clear (:18/F) 03:40  [00.0]
 10: M179-00   Jackson, Alan    Who's Cheatin' Who (:22/F) 03:49  [00.0]
 11: M96A-00   Byrd, Tracy      Holdin' Heaven     (:11/C) 02:28  [00.0]
 12: M81A-00   Alabama          Give Me One More Sh(:08/C) 03:24  [00.0]
 13: M04A-00   Black, Clint     No Time To Kill    (:12/C) 03:54  [00.0]
 14: M17C-00   Anderson, John   Small Town         (:24/F) 03:57  [00.0]
 15: M99A-00   Brooks & Dunn    You're Gonna Miss M(:15/F) 04:34  [00.0]
 16: M34A-00   Blackhawk        Almost A Memory Now(:14/F) 02:59  [00.0]
 17: M131-00   Yearwood, Trisha In Another's Eyes  (:14/C) 03:25  [00.0]
 18: M181-00   Morgan, Lorrie   Go Away            (:13/C) 02:47  [00.0]
          For complete information on special key functions, press F1
```

Figure 3-82 Build— Sample View of a Converted Music Library

Utilities for the UDS II—System Maintenance; Build a New UDS II Music Library, continued

Press ⌨ESC to return to the View/Copy select screen when you are satisfied that the conversion was a success.

7. From the View/Copy select screen, press ⌨C ⌨ENTER to begin the database copying process.

8. Select the drive to which you wish to copy the database file.

⇨ To copy the file to a diskette, type ⌨A ⌨ENTER or ⌨B ⌨ENTER , depending on whether the diskette is in the A: or B: diskette drive, respectively.

> **IMPORTANT**: If transferring the database file by diskette you must ensure that this diskette can be used by both the MusicMaster and the UDS II computers. Most UDS II computers use 3.5" 1.44Mb diskettes.

```
On Air USA MusicMaster/UDS II Music Library Conversion: Version 9.x


    The UDS II requires a music library file, SSMUSIC.DB.
    Now that you've made this file, it must be placed on
    a diskette so that it can be loaded into the UDS II.

    Enter the diskette drive (A through F) that you'll use
    for the transfer of the UDS II music library: ▯

     Enter or F2 to proceed. Escape to quit this program.



     Copyright (c) 1991-2002 by On Air USA, All Rights Reserved
```
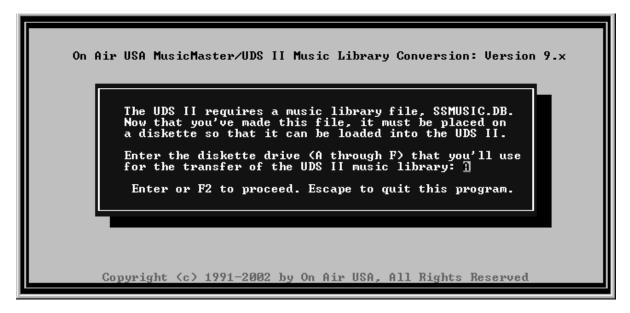
Figure 3-83 Build— Music Library Conversion Drive Selection Screen

⇨ To copy the file to a network drive, type the drive letter you have set up for UDS II schedule transfer on your local area network and press ⌨ENTER . The Utilities display a dialog box asking you to specify the destination path of the file. Press ⌨ENTER to accept the previously configured path and copy the new music library file to the UDS II schedule transfer directory.

The Utilities take a moment to compress the database into a self-extracting executable file called SSMUSIC.EXE then copy that file to the destination you specified.

Utilities for the UDS II—System Maintenance; Build a New UDS II Music Library, continued

Figure 3-84 Build— Music Library File Compression and Copying

9.   When the SSMUSIC.EXE file has been successfully copied, press ⌷SPACE⌷ to continue.
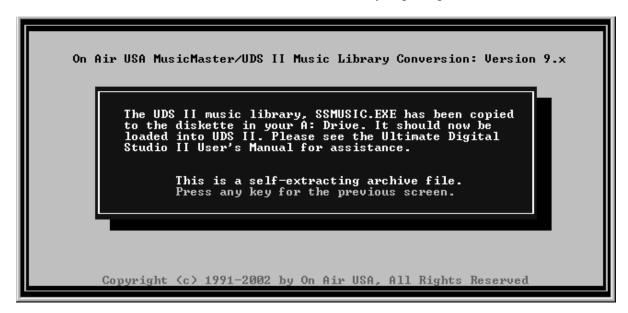
Figure 3-85 Build— Music Library Copying Completed

10. Press ⌷ESC⌷ three times to return to the MusicMaster main menu.

📖 For details on installing this music library on the UDS II control computer, see *Installing the UDS II Music Library* in Chapter Four of this manual.

Utilities for the UDS II—System Maintenance, continued

Ⓤ—**Update the UDS II Music Library**

This option allows you to use the Utilities for the UDS II to update your music library without making corresponding changes in MusicMaster. This feature is included for backward-compatibility with older, legacy versions of MusicMaster. These older versions of MusicMaster did not automatically generate the NEWADDS.DB file. The NEWADDS.DB file serves to keep the UDS II music library in synch with MusicMaster.

> **IMPORTANT:** If your version of MusicMaster is v1.1 or higher then you ***must not*** use this feature! Modern versions of MusicMaster automatically generate the NEWADDS.DB file when songs are added, deleted, or changed. If your version of MusicMaster is older than version 1.1, contact A-Ware for an update to the current, UDS II-friendly version of the MusicMaster scheduling software.

1. From the System menu, press Ⓤ to select Update the UDS II Music Library.

    The UDS II Database Maintenance screen appears.
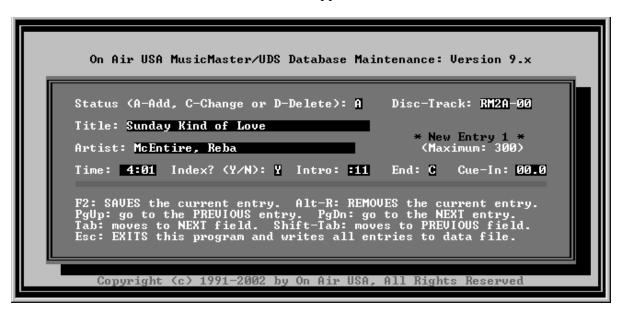
Figure 3-86 System Maintenance— Update Music Library Example

2. Enter the code for the type of update you are making to the UDS II music library in the `Status` field:

    ➢   Type Ⓐ to *add* a new song to the music library.

    ➢   Type Ⓒ to *change* an existing song in the music library.

    ➢   Type Ⓓ to *delete* an existing song from the music library.

Utilities for the UDS II—System Maintenance; Update the UDS II Music Library, continued

3. Enter the four-character cart number for this song then 🔲 🔲 in the `Disc-Track` field.

4. Type the title of the song in the `Title` field then press ⌨ENTER⌨ to continue.

5. Type the artist's name in the `Artist` field then press ⌨ENTER⌨ to continue.

6. Enter the length of the song, in minutes and seconds, in the `Time` field.

7. Enter 🔲 as the code for the method of segues in the `Index? (Y/N)` field for all songs stored on the RadioSuite HD.

8. Enter the length of the intro, in seconds, in the `Intro` field.

9. Enter the code for the type of ending for this song in the `End` field:

   ➢ Type 🔲 for cold endings.
   ➢ Type 🔲 for fade endings.

10. Enter the length, in seconds and tenths-of-seconds, of the cue-in for this song in the `Cue-In` field.

   If this song is stored on the RadioSuite HD, enter 🔲 🔲 🔲 .

11. Confirm that the information you have entered is correct then press 🔲 to save this music library update to disk.

You may continue making updates, up to 300 at one time, or press ⌨ESC⌨ to return to the System Maintenance menu. You can return and enter more music library updates or modify the current list of updates at any time before the current schedule is transferred.

To remove errant update entries at any time before the schedule is transferred, use the 🔲PG UP🔲 and 🔲PG DN🔲 keys to display the music library update you wish to remove. Press ⌨ALT⌨ 🔲R🔲 to remove this entry from the update list.

Utilities for the UDS II—System Maintenance, continued

Ⓜ**—Make a UDS II Data Backup**

This option allows you to archive the Utilities for the UDS II-specific data files from your hard drive to a diskette for safe keeping. This data includes the Utilities and the Merge configuration files and the latest schedule.

A data backup preserves information not saved by a MusicMaster data backup. If you wish to move MusicMaster and the Utilities to another computer, or if you have difficulties with your current MusicMaster computer, this backup allows you to resume normal operations quickly and with a minimum of trouble.

1. From the System menu, press Ⓜ to select Make a UDS II Data Backup.

    The UDS II Data Files Backup screen appears.
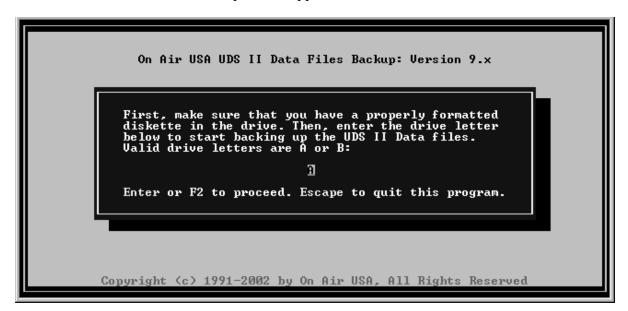
Figure 3-87 Make Backup— Drive Selection Screen

2. From the UDS II Data Files Backup screen, type the letter for the diskette drive where you placed the backup diskette and press ⌈ENTER⌉ .

    For example, if the diskette is in the A: drive, type Ⓐ ⌈ENTER⌉ .

Utilities for the UDS II—System Maintenance; Make a UDS II Data Backup, continued

3.   The program warns you that you are about to delete all files currently on the backup diskette and asks you if you are sure you wish to proceed.

Figure 3-88 Make Backup— File Deletion Confirmation

4.   Press Ⓨ to proceed with the backup.

5.   The Backup feature compresses the data so it may be stored on one diskette.

Figure 3-89 Make Backup— File Compression in Progress

Utilities for the UDS II—System Maintenance; Make a UDS II Data Backup, continued

The UDS II data file backup is copied to the diskette.
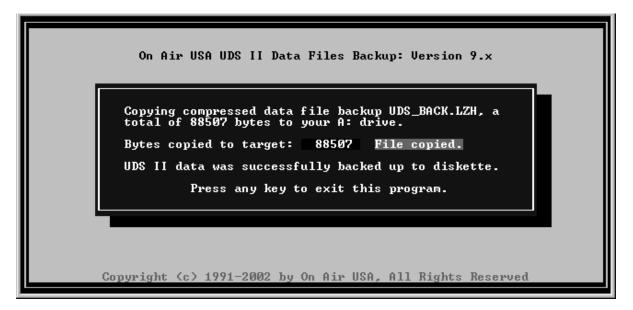
Figure 3-90 Make Backup— Data Backup Completed

6.   Press any key to return to the System Maintenance menu.

Be sure to store this diskette in a safe place in the unlikely event that you need to restore this data after a computer malfunction. You should use this backup utility at least once per week to ensure that you always have a recent copy of your playlists and configuration files. This backup will greatly speed your recovery in case of a data loss.

Utilities for the UDS II—System Maintenance, continued

ℝ—Restore a UDS II Data Backup

This option allows you to restore the information stored by the Make a UDS II Data Backup option from the diskette to your hard drive. This lets you quickly resume operations after a data loss or when you change music scheduling computers.

1. From the System menu, press ℝ to select Restore a UDS II Data Backup.

   The UDS II Data Files Restore screen appears.
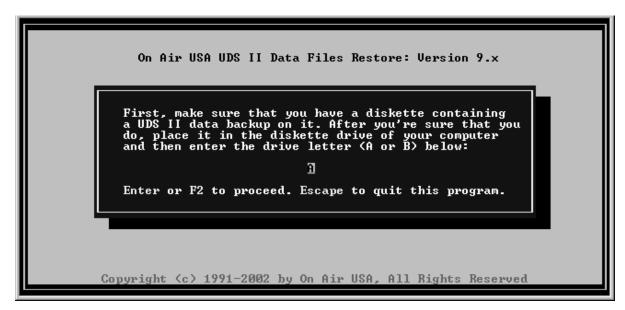
Figure 3-91 Restore Backup— Drive Selection Screen

2. From the UDS II Data Files Restore screen, type the letter for the diskette drive where you placed the UDS II data backup diskette and press ENTER .

   For example, if the diskette is in the A: drive, type A ENTER .

Utilities for the UDS II—System Maintenance; Restore a UDS II Data Backup, continued

3. The program displays the date the files on the backup diskette were created and asks you if you are sure this is the backup you want to restore.
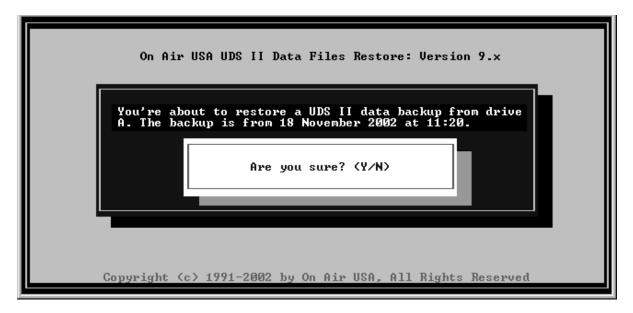
Figure 3-92 Restore Backup— Date Confirmation Screen

If you are sure this is the backup you want, press Ⓨ to proceed with the restoration. If this is not the backup diskette you want, press ESC to abort the Restore process.

4. The Restore feature expands the data from the diskette.
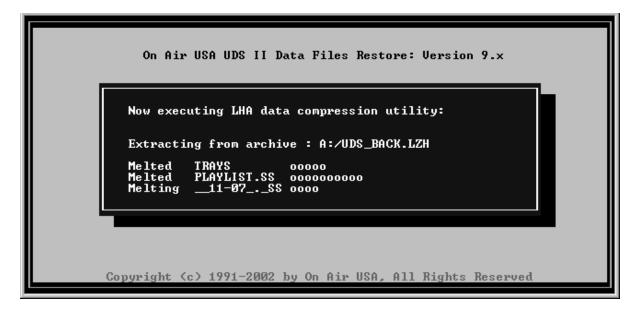
Figure 3-93 Restore Backup— File Decompression and Copying

Utilities for the UDS II—System Maintenance; Restore a UDS II Data Backup, continued

5.   The Restore feature displays a message to let you the UDS II data files have been successfully restored.

Figure 3-94 Restore Backup— Data Restoration Completed

6.   Press any key to return to the System menu.

Utilities for the UDS II—System Maintenance, continued

⑤—Schedule Restoration for UDS II

The Schedule Restoration for UDS II utility allows you to restore a UDS II schedule from another day. You may restore any of the seven most recently merged or edited schedules.

> *Note:* When you choose to restore a UDS II schedule, the currently active schedule is overwritten. If it has been merged or edited, it too may be restored with this feature.

To use the Schedule Restoration feature, follow the steps outlined below:

1. From the System Maintenance menu, press ⑤ .

   A pick list appears listing available schedule dates. Highlight the schedule date you want to become the active schedule then press ⏎ .


```
═══════════ MusicMaster/UDS II - Registered to ON_AIR ═══════════




       The pick list on the right contains 7 UDS II        ┌───────┐
       schedules, any one of which can be restored.         │ 11/07 │
       This means that the schedule you select will         │ 11/08 │
       become the currently active UDS II schedule --        │ 11/09 │
       overwriting the previously active schedule. Use       │ 11/11 │
       the cursor keys to scroll up and down the list.       │ 11/12 │
       Press Enter to select the date you want to restore    │ 11/13 │
       or press Escape to return to the previous menu.       │ 11/14 │
                                                             └───────┘



═══════════════════════════════════════════════════════════════════
  Restores a previously merged or edited UDS II schedule. You'll select it
  by date using a pick list to make that schedule become the current one.
═════════ Copyright (c) 1992-2002 by On Air USA, All Rights Reserved ═════════
```

Figure 3-95 Schedule Restoration— Date Selection Screen

Utilities for the UDS II—System Maintenance; Schedule Restoration for UDS II, continued

2. You are prompted to confirm the schedule date you have chosen.
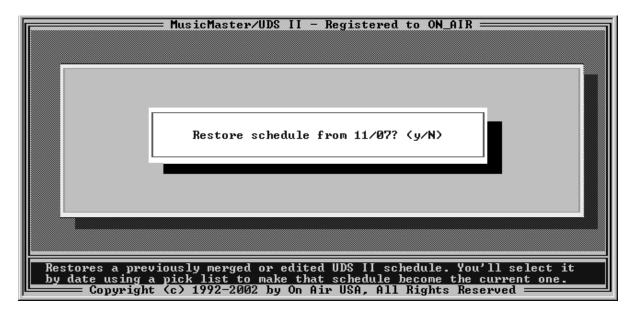
Figure 3-96 Schedule Restoration— Date Confirmation

3. Type ☑ to confirm. When finished, the system informs you that the schedule from the selected date is now the currently active schedule.
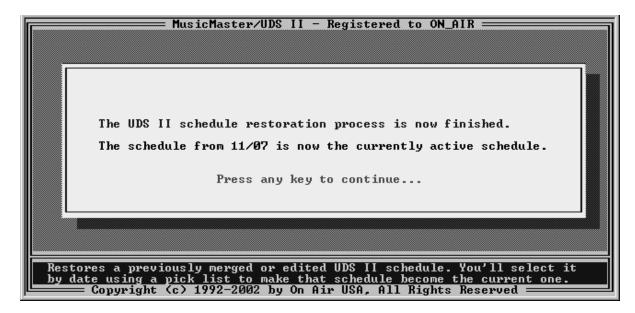
Figure 3-97 Schedule Restoration— Restoration Completed

4. Press any key to return to the System Maintenance menu.

Utilities for the UDS II—System Maintenance, continued

▣—License and Registration

Before you may use the Utilities on a new computer or after reinstalling on this computer due to data loss, you must call On Air Digital USA (or the On Air Digital representative in your country) to license and register this installation of the Utilities for the UDS II.

> **IMPORTANT:** This is an interactive process and requires that you be at the computer while speaking with technical support. Utilities licensing is done only during regular support hours.

1. As directed by On Air Digital, enter your station call letters or company name and the proper license term. Press ▣ to proceed.

2. The Registration program returns a registration code—read this number to the On Air Digital customer support person.

3. Enter the two code numbers given to you by the customer support person.

4. Press ▣ to complete the licensing process.


```
          UDS Utilities Registration: Version 9.x

      Enter call letters or company name:    KJZY

      Enter registration period (in days):   90

       KJZY code: 62875 (Expires: 02 FEB 2003)

      Enter Registration Number 1:            132

      Enter Registration Number 2:            941

           Press F2 to Accept or Escape to Quit


  Copyright (c) 1992-2002 by On Air USA, All Rights Reserved
```

Figure 3-98 License and Registration Example

This concludes the in-depth look at the Utilities for the UDS II. The following pages cover scheduling for special programming, special "flag files" to customize display options, and the configuration of the files that make the MusicMaster work so well with the UDS II.

Setup for Special Programming

Configuring MusicMaster to schedule sports or other special events for playback using the UDS II requires a simple two-step process. You must follow these steps in order to achieve proper scheduling:

➢ Step One: Create a special clock for the program.

➢ Step Two: Add the special clock to the clock assignment grid.

Step One: Create a Special Clock

  📖 Clock setup and design are covered in-depth in the *Format Clock Maintenance* section of the *MusicMaster User's Manual.*

1. From the MusicMaster main menu, press 🄵 to select Format.

2. From the Format Clock Maintenance menu, press 🄴 to select Edit.

3. From the Format Clock Editor screen, press 🄵🄶 to create a new clock.

4. Enter the ID code you wish to use for this clock then press ENTER .

    For example, if you are scheduling the Rush Limbaugh program, type 🅁 🅛 ENTER .

5. MusicMaster displays the new, blank clock. Type the name of the new clock so that it reflects the name of the special program being scheduled. Press ENTER to accept the name.

    For example, type 🅁 🅤 🅢 🅗 SPACE 🅗 🅞 🅤 🅡 ENTER .

6. For the first element, enter 🅢 for a Stopset Break Position. Use this line to enter your station legal ID cart information in breaknote form.

      📖 See *UDS II Breaknote Commands* beginning on page 3-20 for more information.

7. Use the ⬇ key to move to the next line on the clock then enter 🅢 for a Stopset Break Position. Use this line to enter a breaknote command to play the first segment of the special program. The structure and content will vary depending on the method of playback for the special program segments.

      📖 See *UDS II Breaknote Commands* beginning on page 3-20 for more information.

Setup for Special Programming, continued

8. Use the ⬇ key to move to the next line on the clock then enter Ⓢ for a Stopset Break Position. Use this line to enter a spot catcher breaknote command to catch all of the commercials scheduled to play between the first and second segment.

9. Use the ⬇ key to move to the next line on the clock then enter Ⓢ for a Stopset Break Position. Use this line to enter a breaknote command to play a jingle or sweeper to return to the next segment of the special program.

10. Continue entering elements until you have scheduled each segment of *one* hour with the corresponding stop sets and sweepers or jingles. When you are done, press Ⓕ⑩ to save the clock and return to the Format Clock Editor.

Step Two: Add the Special Clock to the Clock Assignment Grid

11. From the Format Clock Maintenance menu, press Ⓐ to select Assign.

12. If the clock assignment grid displayed is not the *active* matrix, press ⟨PG DN⟩ until the active grid is displayed. The active assignment grid is flagged with an asterisk in the upper-right corner of the screen.

13. When the *active* assignment grid is displayed on your screen, use the ⬆ and ⬇ arrow keys to move the cursor to the first hour in which you wish to schedule the new clock.

14. Type the two-character clock ID in each hour that the new clock should play.

    For the continuing example, type Ⓡ Ⓛ ⟨ENTER⟩ three times—once for each hour in the three-hour countdown program.

15. Press Ⓕ⑩ to save updated clock assignment grid.

16. MusicMaster prompts you `Exit Now and Save All Changes Made in This Session?` so you may confirm that you have completed editing the grid. Press Ⓨ to confirm the save command and return to the Format Clock Maintenance menu.

You have now completed the process for scheduling a special program from non-music sources. If you plan to schedule more than one such program, you *must* create a new clock for each different program.

> *Note:* Some special programs will require more than one format clock for proper operation. Consult your program provider for accurate format information.

Technical Information

Customizing the Date Display

The Utilities for the UDS II support your computer's date display style. If the COUNTRY command is found in your computer's CONFIG.SYS file, then the date display will conform to your preferences. In many locations outside the USA, the display will become DD/MM (rather than MM/DD) automatically.

This *only* impacts the date displayed by the Utilities. The internal file structure still conforms to the MM/DD standard that the UDS II expects.

If you would rather override your current locale's date display and force the U.S.-style display, then you must create a *flag file.* A flag file is a file that alters the Utilities to a specific configuration. To force the use of U.S.-style dates, you must create a flag file with the filename of `US-DATES.UDS` in the MusicMaster program subdirectory.

If non-U.S. date styles are in effect, the UDS II Check program will display the phrase "International Version" on its title screen.

If the Utilities for the UDS II are installed on a drive other than C:, substitute that drive letter for C: in these instructions.

To create the flag file, follow the steps outlined below:

1. From the main menu of the Utilities, press `ALT` `D` to exit to a DOS prompt.

2. At the prompt, type: `C` `O` `P` `Y` `SPACE` `C` `O` `N` `SPACE` `U` `S` `-` `D` `A` `T` `E` `S` `.` `U` `D` `S` `ENTER`

   The cursor should move to the beginning of the next line.

3. Press `ENTER` twice.

4. Press `F6`. Your computer will respond `^Z` (control-Z).

5. Press `ENTER`. You computer displays the message "`1 file(s) copied.`"

   This lets you know the file has been created and the US-DATES feature has been enabled. You are returned to the DOS prompt.

6. Type `E` `X` `I` `T` `ENTER` to return to the Utilities.

7. You must exit the Utilities back to MusicMaster and restart them before this newly enabled setting will take effect.

Technical Information, continued

Other Flag Files

In addition to the US-DATES.UDS flag file, there are a number of other flag files that perform various functions. They are described below. All of these flag files are created by the same keystroke method shown for the US-DATES.UDS file. Simply substitute the new flag file name for US-DATES.UDS.

NOLINES.UDS

On a UDS II schedule, there are lines separating non-music elements from music events. If you do not want the lines to be printed to the line printer, this is the flag file for you. You will still see the lines when you view the file, but they will be suppressed from printing.

NOLVWARN.UDS

Some UDS II users knowingly schedule live sources back-to-back (realizing that they will be removed during the UDS II import process). If you wish to suppress the warnings emitted by the Utilities for the UDS II Check and Schedule Editor for back-to-back live sources in a PLAYLIST.SS file, use NOLVWARN.UDS as your flag file.

SECONDS.UDS

If you elect to use the SECONDS.UDS flag file, the Utilities for the UDS II will display HH:MM:SS in all view and print reports that display the contents of PLAYLIST.SS. If the flag file is not present, then the default behavior is to display HH:MM.

__INTRO_.UDS

This file allows you to see the intro times of songs when viewing the UDS II schedule in the UDS II Check and UDS II Edit programs. The intro time, in seconds, appears in front of the title in the Title/Artist display field. If this flag file is not present, the intro times will be suppressed.

Technical Information—Other Flag Files, continued

PRN_PORT.UDS

This file allows you to direct printer output to an LPT port other than 1 or to permit the Utilities for the UDS II to use Microsoft Windows' print services. To configure this option, create an ASCII text file (named PRN_PORT.UDS) and place the appropriate text string (corresponding to the desired printer port) in the file. That printer port will then be used by the UDS II Check program, and the UDS II Edit program for line printer output.

Text String	Printer Port
1	LPT1 (default)
2	LPT2
3	LPT3
1-win	LPT1 using Windows print services
2-win	LPT2 using Windows print services
3-win	LPT3 using Windows print services
\\network\printer-win	Uniform naming convention entry for a printer attached via local area network. (Replace the example text "\\network\printer"with actual resource name for your network printer and follow with "-win")

The following chart shows the common mistakes made when setting up this flag file.

Incorrect String	Problem
5	No such LPT port
win-1	Syntax is backwards; port number must come first
\\network\print-name-win	Extra dash in uniform naming convention entry
\network\printer-win	Missing slash in uniform naming convention entry
e:\\network\printer-win	Drive letter not part of uniform naming convention
\\network\printer	"-win" missing end of text string
\\network\printer win	Dash missing before "win"

Technical Information, continued

MusicMaster Conversion Configuration Files

The Utilities for the UDS II come with the LOG2ASC.DEF file, and the MS2ASC.DEF file already created. Since Utilities for the UDS II are installed into the MusicMaster parent subdirectory this is where they will reside. In the event that your MusicMaster parent subdirectory is something other than C:\MUSIC, the top line in *each* of these files must be edited to reflect the MusicMaster Parent subdirectory. Again, this must be done *only* if the MusicMaster parent subdirectory is *not* C:\MUSIC.

Also, be sure the other entries in each file match up with the following specifications.

LOG2ASC.DEF

LOG2ASC.DEF is used by A-Ware Software's LOG2ASC.EXE program to translate a MusicMaster schedule into an ASCII text file. The LOG2ASC.DEF file specifies what information will be included in this special file. The Utilities for the UDS II then convert the ASCII file into a binary file, PLAYLIST.SS, which will be executed by the UDS II for that date.

The output file produced by LOG2ASC.DEF will follow the naming convention shown in this template:

MMDDYYYY.ASC

Where *MM* is the zero-padded number representing the month, *DD* is the zero-padded number representing the date, and *YYYY* is the year of the schedule. The file extension, *ASC*, tells the computer that this is an ASCII log file. MusicMaster maintains up to 99 such files in the current working directory. The Utilities for the UDS II include a built-in pick list to allow you to choose the correct day from a sorted selection of schedule files without to type in the full filename).

Using an ASCII text editor, edit the file named **LOG2ASC.DEF** in the MusicMaster parent directory, usually C:\MUSIC\.

The contents of LOG2ASC.DEF should exactly match the following example:

```
C:\MUSIC\  (or your MusicMaster parent subdirectory)
99,J
1,1,2
17,1,7
2
3
5
```

Technical Information—LOG2ASC.DEF, continued

Explanation of the contents, line by line of LOG2ASC.DEF:

Line 1	Path where MusicMaster's LOG2ASC program should place the converted file. It MUST be terminated with a backslash. In most cases, it will be C:\MUSIC\. In *all* cases, it must correspond to the current working directory.
Line 2	A literal, in this case the required letter 'J' appears just prior to source number in the translated text file.
Line 3	Places the "Cart Number" field (used to store the UDS II source number) into the file, beginning at column 1 and having a length of 2 characters.
Line 4	Indicates that the Disc Field will be included starting from column 1, with 7 Characters used. This is where the RadioSuite HD cart number appears (followed by the –00, of course).
Line 5	Places the Artist Name in the file using the default values.
Line 6	Places the Song Title in the file using the default values.
Line 7	OPTIONAL: Places the intro time into the ASCII file. The user may enter intros with or without a preceding colon in the MusicMaster data.

Lines1 through 6 are required for proper operation of the Utilities for the UDS II with MusicMaster.

Line 1 *may* be different from the example if you are using a drive other than drive C: (such as a network drive). All other lines must be the same as shown. Line 7 is *optional*. If you don't plan to use intro times, then you may safely leave this line out of your LOG2ASC.DEF file.

> If you would like to see song intro times displayed by the Utilities for the UDS II' "Check" and "Edit" program, then create a "flag file" named `__INTRO_.UDS` in the C:\MUSIC\> subdirectory.

Technical Information, continued

MS2ASC.DEF

MS2ASC.DEF is used by MusicMaster's MS2ASC.EXE program to translate information from the MusicMaster database into an ASCII text file. The MS2ASC.DEF file specifies what information will be included in this special file. The Utilities for the UDS II then convert this ASCII file into a binary file, SSMUSIC.DB.

All songs that are potentially available for scheduling by MusicMaster must be available in the UDS II database for proper operation.

The default name of the output file created by the MS2ASC tool is LIBRARY.ASC.

The contents of **MS2ASC.DEF** should exactly match the following example:

C:\MUSIC\ *(or your MusicMaster parent subdirectory)*
17
2
3
5
22
99
6
99
36
21

Here's an explanation of the contents, line by line of MS2ASC.DEF:

Line 1   Path where MusicMaster's LOG2ASC program should place the converted file. It *must* be terminated with a backslash. The default entry is C:\MUSIC\. If MusicMaster is installed in another subdirectory or on a disk drive other than C:, the complete path must be specified here.

Line 2   Indicates that the Disc Field will be included starting from column 1, with 7 characters used. This is where the cart number for songs appears.

Line 3   Places the Artist Name in the file using the default values.

Line 4   Places the Song Title in the file using the default values.

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Line 5   Places the Intro Time into the file using the default values.

Line 6   Places the Run time into the file using the default values.

Line 7   Inserts a single space to separate the run time from the ending field.

Line 8   Places the song's Ending type into the file using the default values.

Line 9   Inserts a single space to separate the ending field from the cue-in time.

Line 10   Places the song's cue-in time into the file from the Notes field. Please note that this feature is only available on songs played from CD changers. Cue in on RadioSuite HD digital audio carts is accomplished in RadioSuite Explorer.

Line 11   Places the Trivia text into the file using default values.

Interfacing MusicMaster and the UDS II, continued

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