2.0 POWER UP AND INITIALIZATION

IBM3920 Base:

Plug in the AC Adapter on the IBM 3920 Base Unit. Connect the CO line to the modular phone jacks at the back of Base unit. The power LED on the base unit turns ON to show it's operational. Press [Page] key to find the handset when it is misplaced. The handset will have a continuous beep until the user press any key on the handset to cancel the page find feature.

Do we want the handset to beep continuously for a page find?

IBM 3920 Handset:

Plug in the battery on the IBM 3920 Handset. The handset unit will power up and return to the display standby mode with some default values (Jan 01 Monday Username   12:00AM) for Calendar, Day, Time and Username as shown below if the handset has been registered to the base.

```
┌─────────────────────────────────┐
│ J a n    0 1         M o n d a y │
│ U s e r n a m e    1 2 : 0 0 A M │
│                                  │
│           M E M        C I D     │
└─────────────────────────────────┘
```

Note: The username is eight characters long. If there were any Caller ID Calls previously in memory they will be restored at power-up and the display may show the New Call Screen rather than the Date/Time screen.

```
┌─────────────────────────────────┐
│ J a n    0 1         M o n d a Y │
│ U s e r n a m e    1 2 : 0 0 A M │
│     1 2   N e w   C a l l s      │
│           M E M        C I D     │
└─────────────────────────────────┘
```

```
┌─────────────────────────────────┐
│ J a n    0 1         M o n d a Y │
│ U s e r n a m e    1 2 : 0 0 A M │
│ M e s s a g e   W a l t i n g    │
│           M E M        C I D     │
└─────────────────────────────────┘
```

SONUS TELECOM, INC.
FCC ID : OU3IBM3920
JOB # : 244AK1-1

EXHIBIT # : 19

```
┌─────────────────────────────────┐
│ Jan  01          Monday         │
│ Username      12 : 00 AM        │
│ Extension     In   Use          │
│           PC        CID         │
└─────────────────────────────────┘
```

2.0 Registering the handset to Base

To register the handset to the base unit, just put the handset back into the cradle
And the handset will randomly select one of the 65000 security codes and
registered to the base.

How is the handset registered to the base?

3.0 PROGRAM MODE -

There are many user settings that can be programmed into each handset. Some
are important and others are less important and are provided for the user so they
can customize their phone as desired.

Programming Notes:

There are many user settings on the phone that can be changed as desired.

1. Program Mode is entered from the standby mode (Time/Date Displayed) by
   press and hold the MENU key for over 1 second.
2. During programming if no key is entered within 15 seconds the program mode
   will be exited and the Time/Date (Standby mode) screen will be displayed.
3. During programming if a change was made and the CONFIRM / OK key was not
   pressed, the change will not be accepted.
4. After the programming confirmation (OK), the [σ]/[τ] keys can be used to go to
   another programmable user setting (within 15 seconds)
5. Press the [σ]/[τ] key to select setting you want to change. The order of the
   user settings when pressing the UP arrow key [σ] will be as follows.

Handset Programming Options:

1. Username programming (8 characters max)
2. Ring level (Off, **Low,** High)
3. Ring tone(**#1** through #4for each line)
4. Time and Date (Default - Jan 01 Monday, Username 12:00AM)
5. Caller ID Area Code Programming (Home and Seven Local Area Codes)
6. Languages (English, Spanish, French) (Default – English)
7. Key Beep (On/off) (default on)
8. FLASH Time Programming (100ms, 270ms, 400ms, 580ms, **600ms**, 620ms, 660ms, 700ms)
9. Pause Time Programming (1 second to 9 seconds)
10. Tone/Pulse Mode Programming
11. Line In Use (LIU) Check Enable/Disable Programming
12. Handset reset programming (Factory Default Settings)

3.1 Handset Username Programming

Each handset can have a unique username.

1. To program the username, press and hold [Menu] key .
2. The " Username" option is highlighted.

```
> U s e r n a m e
  R I N G E R   L E V E L
  R I N G   T O N E
  O k                 E x i t
```

3.Press [Ok] key to select the current choice and displays the following sub-level message. The default is [Username].

```
  E n t e r   U s E r n a m e

  —

                  E x i t
```

If no keys pressed within 15 seconds, the unit will exit the current choice and Return to standby display mode.

4. Press **0-9**, **#**, and * to enter the name. Alpha numerical entry is done using several key presses on the same key to toggle between the different characters located on the keys, e.g. A, B, C, 2, A, B, C, 2 and so on. After a timeout the cursor will move right and the display will go to step 6.

```
Enter    User Name
A _


OK        < - - -      Exit
```

5. Press **0-9**, **#**, and * to enter the name. Alpha numerical entry is done using several key presses on the same key to toggle between the different characters located on the keys, e.g. A, B, C, 2, A, B, C, 2 and so on. After a timeout the cursor will move right and the display will go to step 7. When the maximum number of characters (8) have been entered, the cursor will disappear.
 Press [< - - -] key to move the cursor back one location.Use the table to program each character:

Key	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th
1	Space	1								
2	A	B	C	2						
3	D	E	F	3						
4	G	H	I	4						
5	J	K	L	5						
6	M	N	O	6						
7	P	Q	R	S	7					
8	T	U	V	8						
9	W	X	Y	Z	9					
0	0	-	.	,	:	'	"	?	!	
*	*	/	(	)	&	@				
#	#									

6. The following LCD will be displayed.

```
┌─────────────────────────────────┐
│  E n t e r    U s e r N a m e   │
│  A B _                          │
│                                 │
│  O k        < - - -      E x i t│
└─────────────────────────────────┘
```

7. Press [Ok] key to store the Extension Username and go back to previous menu selection.

8. Press [Exit] key to exit programming mode and return to previous screen.

3.2 Line Ring On/Off Programming

Default configuration is the CO line will ring at low level.

1. To program the CO Line Ringer On/Off, press and hold [Menu] key, then press [up]/[down] key until the [Ringer LEVEL] option is highlighted. The LCD will display as follow.

```
┌─────────────────────────────────┐
│ > R I N G E R   L E V E L       │
│   R I N G   T O N E             │
│   T i m e   A n d   D A t e     │
│   O k                    E x i T│
└─────────────────────────────────┘
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
┌─────────────────────────────────┐
│    R I N G E R   L E V E L      │
│   O f f                         │
│                                 │
│  S a v e                 E x i T│
└─────────────────────────────────┘
```

3. Press [Up]/[down] key to change from **OFF, Low, and High.**

4. Press [Save] to save the selected options.

5. Press [Exit] to go back to previous menu.

3.3 Ringer Tone Programming

4 different ringer tones (sounds) may be selected. (1-4 tones). Default is ringer tone1. Once the tone is selected, this ring tone will be heard on the ringing lines.

1. To program the Ringer Tones, press and hold [Menu] key , then press [Up]/[Down] until the [Ring Tone] option is highlighted. The LCD will display as follow.

```
> R I N G    T O N E
  T i m e    A n d    D a t e
  L o c a l    A r e a    C o d e
  O k                      E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

3. The display will show the current ringer tone status for the selected line, from selection 1 to 4 different tones.

```
R i n g    T o n e    # 1



S a v e                  E x i t
```

4. Press [UP]/[DOWN] key to adjust the TONE from 1 to 4 and repeat the cycle again. As the tones are switched the phone will ring the tone displayed.

5. Press [Save] to save the selected options.

6. Press [Exit] to go back to previous menu.

3.4 Time and Date

The standby (Time/Date) display shows the Month, Date, Day, and Time. For users without Caller ID this needs to be fully programmable. For users with Caller ID, the incoming Caller ID will update the Time and Date, but the Day (Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday) needs to be programmed. Default is Jan 01 Monday, Username 12:00AM

1. To program the time and date, press and hold [Menu] key , then press [Up]/[Down] until the [Time and Date] option is highlighted. The LCD will display as follow.

```
┌─────────────────────────────────┐
│ > T i me    A n d    D a t e    │
│   A R E A    C O D E S           │
│   L a n g u A g e                │
│   O K                 E x i t    │
└─────────────────────────────────┘
```

2. Press [Ok] key to select the current choice and displays the following sub-level message. If no keys pressed within 15 seconds, the unit will exit the current choice and return to standby display mode.

```
┌─────────────────────────────────┐
│ J a n    0 1        M o n d a y  │
│                                  │
│ J A N                            │
│ S a v e             E x i t      │
└─────────────────────────────────┘
```

3. The Character "Jan" in line 3 is flashing and the user can press [up]/[down] to select the month (Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec) The character for each month displayed will be flashing. If no keys pressed within 15 seconds, the unit will exit the current choice and return to standby display mode without saving the new settings.

4. Press [Save] key to program the date, Press [Back] key to go back to month selection.

```
┌─────────────────────────────────┐
│ F e b    0 1        M o n d a y  │
│                                  │
│          0 1                     │
│ S a v e      B a c k    E x i t  │
└─────────────────────────────────┘
```

5.The digit "01" in line 3 will be flashing.
6. Press [up]/[down] to show from 01 through 31 or enter 2 digits date.

```
┌─────────────────────────────────────┐
│ F e b    0 7          M o n d a y    │
│                                      │
│                       M O N D A Y    │
│ S a v e       B a c k       E x i t  │
└─────────────────────────────────────┘
```

The day of week "Wednesday" in line 3 will be flashing.

8. Press [up]/[down] to select the DAY OF WEEK. (Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, Monday)

9. Press [Save] key to program the Hour.

```
┌─────────────────────────────────────┐
│                                      │
│                 1 2 :  0 0 A M       │
│                 1 2                  │
│ S a v E       B a c k       E x i t  │
└─────────────────────────────────────┘
```

The digit "12" will be flashing in line 3.

11. Press [up]/[down] to select the Hour.

12. Press [Save] key to program the Minute. The digit "00" will be flashing.

```
┌─────────────────────────────────────┐
│                                      │
│                 0 5 :  0 0 A M       │
│                 0 0                  │
│ S a v e       B a c k       E x i t  │
└─────────────────────────────────────┘
```

14. Press [up]/[down] to select the minute. The allowable minutes are from 00 through 59.

15. Press [save] to program AM/PM

```
┌─────────────────────────────────────┐
│                                      │
│                 0 5 :  2 3 A M       │
│                       A M            │
│ S a v e       B a c k       E x i t  │
└─────────────────────────────────────┘
```

The AM will be flashing in line 3

16. To change the AM use the [up]/[down]. Possible options are AM and PM

Press [Save] to save the current setting and go back to standby mode.

Note: Pressing [Save] will enter the next displayed field. So if no change is required for the Month Field for example, pressing [Save] key when the month is flashing will move the flashing cursor to the next field which is the Date field and so on.

16. Press [Exit] key to exit menu programming mode and return to previous main menu.

3.5 Area Code Programming (One Home area code and 7 local area codes)
Home and Local Area Codes need to be programmed for Caller ID Dialback to work correctly. The Local Area Codes are provided for areas with 10-digit dialing where multiple area codes are used to service the calling area. One Home Area Code can be programmed and up to 7 local area codes can be programmed if needed.

To Program the Home Area Code:
1. To program the Home Area Code, press and hold [Menu] key , then press [Up]/[Down] until the [Local Area Code] option is highlighted. The LCD will display as follow.

```
> A r e a    C o d e s
  L a n g u a g e
  K e y   B e e p s
  O k                E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
  H o m e   A r e a   C o d e

  _ _ _

                     E x i t
```

3. Enter First digit of the 3 digits home area code using the dial keys [12/3/4/5/6/7/8/9/0].

```
┌─────────────────────────────────────┐
│  H O m e    A r e a    C o d e       │
│  6  -  -                             │
│                                      │
│            < - - -       E x i t     │
└─────────────────────────────────────┘
```

4.Enter the second digit of the 3 digits home area code using the dial keys [1/2/3/4/5/6/7/8/9/0].

```
┌─────────────────────────────────────┐
│  H o m e    A r e a    C o d e       │
│  6  1  _                             │
│                                      │
│            < - - -       E x i t     │
└─────────────────────────────────────┘
```

5. Enter the third digit of the 3 digits home area code using the dial keys [1/2/3/4/5/6/7/8/9/0].

```
┌─────────────────────────────────────┐
│  H o m e    A r e a    C o d e       │
│  6  1  9                             │
│                                      │
│ S a v e     < - - -      E r a s e   │
└─────────────────────────────────────┘
```

6..Press [Save] to save the new settings and return to previous menu.
7. Press [< ---] in order to go back and edit the home area code.
8.Press [Erase] key if need to erase the current home area code.
9.The next LCD screen will be shown.

```
┌─────────────────────────────────────┐
│  H o m e    A r e a    C o d e       │
│  D e l e t e    ?                    │
│                                      │
│  Y e s                       N o     │
└─────────────────────────────────────┘
```

10.Press [Yes] key to confirm and the Home Area Code is erased to show the next entry.
11. Press [No] key to exit without changing the current setting.
12. Repeat the above steps to setup the rest of the local area codes and press [Exit] key to exit to the previous mode.

## To Program the 7 other Local Area Codes :

1.To program the Local Area Code, press and hold [Menu] key , then press [OK] to select [Handset settings], press [Up]/[Down] until the [Area Codes] option is highlighted. The LCD will display as follow.
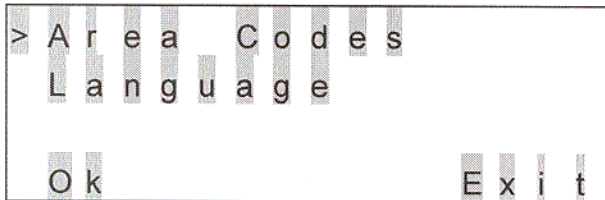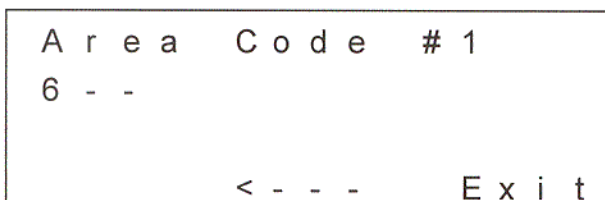
```
> A r e a    C o d e s
  L a n g u a g e

  O k                      E x i t
```

2.Press [Ok] key to select the current choice and displays the following sub-level message.

```
  H o m e   A r e a   C o d e

  _ _ _

                    E x i t
```
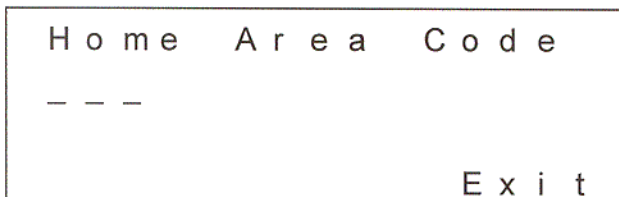
3. Press [Up]/[Down] key to show the next local area code.

```
  A r e a   C o d e   # 1

  _ _ _

                    E x i t
```
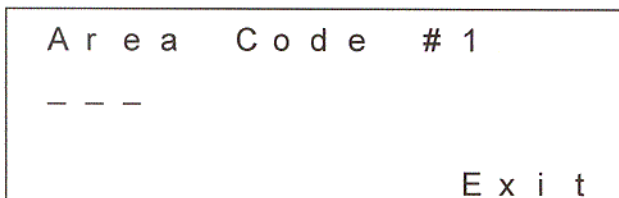
4. Enter First digit of the 3 digits local area code # 1 using the dial keys [12/3/4/5/6/7/8/9/0].

```
  A r e a   C o d e   # 1
  6 - -

          < - - -     E x i t
```

5.Enter the second digit of the 3 digits local area code #1 using the dial keys
[1/2/3/4/5/6/7/8/9/0].

```
Area    Code    # 1
6 1 _



        < - - -      Exit
```

6. Enter the third digit of the 3 digits local area code # 1 using the dial keys
[1/2/3/4/5/6/7/8/9/0].

```
Area    Code    # 1
6 1 9


Save       < - - -    Erase
```

7..Press [Save] to save the new settings and return to previous menu.

8. Press [< ---] in order to go back and edit the local area code #1.

9.Press [Erase] key if need to erase the current local area code #1.

10.The next LCD screen will be shown.

```
Area    Code    # 1
Delete   ?


Yes                  No
```

11.Press [Yes] key to confirm the local Area Code #1 is erased to show the next entry.

12. Press [No] key to exit without changing the current setting.

13. Repeat the above steps to setup the rest of the local area codes and press
[Exit] key to exit to the previous mode.

3.6 Multi-Language Programming (English, Spanish or French)

1. To change the multi-language settings, press and hold [Menu] key , then press [Up]/[Down] until the [Language] option is highlighted. The LCD will display as follow. The default is English.

```
> L a n g u a g e
  K e y     B e e p s
  F l a s h    T i  m e
  O k                    E x i  t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
> E n g l i s h
  E s p a n o l
  F r a n c a i  s
  O k                    E x i  t
```

3. Press [σ]/[τ] to Highlight Spanish or French.
4. Press [OK] to confirm the language and go back to the previous menu.
5. Press [Exit] to return to the standby screen.

3.7 Key Beeps Enable and Disable

1. Press and hold [Menu] key , then press [OK] to select [Handset settings], press [Up]/[Down] until the [Key Beeps] option is highlighted. The LCD will display as follow. The default is enable.

```
> K e y     B e e p s
  F l a s h    T i  m e
  P a u s e    T i  m e
  O k                    E x i  t
```

2. Press [Ok] key to select the choice.

```
┌─────────────────────────────────┐
│  K e y    B e e p s             │
│  E n a b l e                    │
│                                 │
│  O k                   E x i t  │
└─────────────────────────────────┘
```

3.Press [σ]/[τ] key to toggle from "enable" to "disable" and vice versa.

4. Press [OK] to confirm the line privacy enable/disable mode and go back to main menu.

3.8 FLASH Time Programming

The Flash time duration can be programmed from 100ms up to 700ms if needed to adjust to different phone company operating systems. Default Flash time is 0.6 second.

To program the Flash time duration, press and hold [Menu] key , then press [Up]/[Down] until the [Flash Time] option is highlighted. The LCD will display as follow.

```
┌─────────────────────────────────┐
│ > F l a s h    T i  m e         │
│   P a u s e    T i  m e         │
│   T o n e / P u l s e    M o d e│
│   O k                   E x i t │
└─────────────────────────────────┘
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
┌─────────────────────────────────┐
│  F l a s h    T l  m e          │
│  6 0 0    M S                   │
│                                 │
│  S A V E        < - - -    E x i t│
└─────────────────────────────────┘
```

3.Press [up]/[down] to change the flash time from 100ms to 700ms.

4.Press [OK] key to save the flash time and go back to previous menu.

5.Press [Exit] to go back to main menu without changing the selection.

3.9 Pause Time Programming

The Pause time duration can be programmed from 1s up to 10 sec. The default pause time is 4 seconds.

1. To program the Pause time duration, press and hold [Menu] key , then press [Up]/[Down] until the [Pause Time] option is highlighted.

```
> P a u s e    T I m e
  T o n e / P u L s e    M o d e
  L i n e    I n    U s e    C h k
  O k                     E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
  P a u s e    T I m e
  0 4    S e c o N d s

S A V E       < - - -       E x i t
```

3.Press [σ]/[τ] to change the pause time from 1s to 10 seconds.
4.Press [OK] key to save the pause time and go back to previous menu.
5.Press [Exit] to go back to previous menu without changing the selection

3.10 Tone/Pulse Mode Programming

The dialing mode can be programmed to be Tone or Pulse dialing. The default dialing mode is DTMF Tone mode.

1. To program the Tone/Pulse mode, press and hold [Menu] key , then press [Up]/[Down] until the [Tone/Pulse Mode] option is highlighted.

```
> T o n e / P u L s e    M o d e
  L i n e    I n    U s e    C h k
  F a c t o r y    D e f a u l t
  O k                     E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
> T o N e      M o d e
  P u L s e    M o d e


  O k                        E x i t
```

3. Press [up]/[down] key to change the dialing mode (Tone or Pulse).
4. Press [OK] to confirm the dialing mode and go back to previous menu.

3.11 Handset Reset Programming

This programming mode is used to reset all user-programmed settings to the factory default values on the handset

1. Press and hold [Menu] key , then press [Up]/[Down] until the [Factory Default] option is highlighted. The LCD will display as follow.

```
> F a C t o r y    D e f a u l t



  O k                        E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message.

```
  F a C t o r y    D e f a u l t
  M a S t e r    R e s e t ?


  Y E S                         N O
```

3.Press [NO] key to exit without saving or reset any values.
4. Press [YES] to confirm master reset mode with all programmed values reset to the factory default values and go back to main menu.

3.12 LINE IN USE CHECK

Used to check if the line is in use by a deferent extension.

1. Press and hold [Menu] key , then press [Up]/[Down] until the [LINE IN USE] option is highlighted. The LCD will display as follows.

```
> L i N e   I n   U s e   C h k
  F a C t o r y   D e f a u l t

  O k                     E x i t
```

2. Press [Ok] key to select the current choice and displays the following sub-level message

```
  L I N E   I N   U S E   C H K
  O N

  S A V E                 E x i t
```

3. Press [up]/[down] key to change the dialing mode (ON or OFF).
4. Press [OK] to confirm the dialing mode and go back to previous menu.

Note: Line in use, if on will check if the line is in use before allowing the user to connect to the telephone line. If the line is in use the user will get the message "LINE IN USE" . to connect to the line push the [TALK] key with in 3 seconds.

```
  L I N E   I N   U S E
      I N T E R R U P T ?

  Y E S                   N O
```

If the [YES] is pressed the unit will go off hook. If [NO] or 3 seconds the unit will go back to the idle state.

Setting	User Setting	Default Value
Speed	Speed Dial Memory 40	(empty)
1	Username	Username
2	Clock/Calendar	JAN 01 MONDAY 12:00AM
3	CO Ring On/Off	The line will ring with low ring
4	Ring Tone	Ring Tone 1
5	Area Code(s)	Home and 7 local area codes are set to "empty"
6	Language	English
7	Key Beep	Enable
8	Flash Time	600 ms (0.1s to 2 s)
9	Pause Time	4 s (1 s to 10 s)
10	Tone/Pulse	Tone Dialing Mode
11	Line In Use Detection	Enabled
Volume	Handset Receive Volume Level	Level 3 (out of 8 levels)
Volume	Headset Receive Volume Level	Level 3 (out of 8 levels)

4. CALLER ID OPERATION

4.1 Receiving Caller ID Calls from One Line

The user will need to subscribe to the Caller ID service from their local telephone company. The IBM 3920 System will support Caller ID Type 1 on-hook Single and Multiple Message Formats, and will also support Visual Message Waiting Indication (VMWI) with Type 2 call waiting.

1. When a Caller ID call is received, the LCD will show the name and number of the incoming call, and the date and time the call is received. Some telephone companies send both the name and the number of the caller. Others may provide just the number of the calling party.

For example: No Home Area Code Match

```
6 1 9 - 2 7 9 - 1 2 3 4
      T O M M Y   S M I T H
```

All displays will switch for memory and Cid will be right justified

```
          2 7 9 - 1 2 3 4
      T O M M Y   S M I T H
```

Home Area Code Match (was programmed to 619)

```
  P r i o R I t y   C a l l
      6 1 9 - 5 5 5 - 3 9 6 7
      L Y N E T T   J O N E S
```

" Priority Call"

```
          N e w   C a l l
      6 1 9 - 5 5 5 - 3 9 6 7
      L Y N E T T   J O N E S
```

"New Call"

```
    Repeat   Call
        279-1234
    TOMMY   SMITH
```

" Repeat Call"

```
    Blocked   Call
```

"Blocked Call"

```
    No  Caller  ID
        Available
```

" Out of Area"

Notes:

1.   Local Area Code doesn't effect the displayed number. It's only used during Caller ID Dial Back.

The other display messages are:

- "Blocked Call" for Blocked Calls

- "No Caller ID Available" for Outside Calls

- "No Name" if the Name is not received

- "No Number" if the Number is not received

After a Caller ID Call is received the display will change to the New Call idle screen.

```
Jan   01  Wednesday
Username    12:00AM
    12  New  Calls
        MEM      CID
```

or

```
Jan   01  Wednesday
Username    12:00AM
Message  Waiting
        MEM      CID
```

2. After a new call is received, the CID New Call screen is displayed when:
- The Caller hangs up and ringing stops.
- An extension telephone answers the call.
- You answer the call and hang up.
- You perform another telephone function.

3. When new call is received or if there are any new calls in memory, the New Call LED will be flashing to indicate the New Call status. After all new call are reviewed the New Call LED will turn Off.

4. The New Call LED will be flashing at 0.1s on and 1s off whereas if there is only VMWI available, the flash rate is 1 second on and 1 second off. If both new call and VMWI are present, VMWI takes precedent over the new call flash rate.

4.15 Name matching with Caller ID

If a caller ID call is received and the number matched a number in the phone book the name stored in the phone book will be displayed as the Caller ID name.
Note: Careful attention needs to be paid because numbers are stored and dialed differently according to how the area codes are setup.

Example with home area code set as 858
CID received: TT SYSTEMS
                        8585551234

Phonebook stored as: ALAN ADAMSON
                        555-1212

The display: ALAN ADAMSON
                        555-1212

Example #2 with home area code set as 858
CID received: SMITH BARNEY CO
                        7771231234

Phonebook stored as: BECKY JONES
                        17771231234

The display: BECKY JONES
                        777-123-1234

4.2 Caller ID Review Mode - New Call Review

Up to 99 Caller ID Calls can be stored in the handset. If more than 99 calls are received, the oldest calls are deleted to maintain a total of 99 calls.

1. This list can be reviewed in the on-hook or off-hook mode. So if the user is engaged in a phone conversation they can still review Caller ID calls and possibly look for a phone number to give to the person that they are speaking to.

    a. New Call Review Option 1 – When the new call LED is flashing

```
J a n    0 1    W e d n e s d a y
U s e r n a m e     1 2 : 0 0 A M
       1 2    N e w    C a l l s
              M E M         C I D
```

    b. press the [CID] key , the LCD will displayed as follow:

```
1 2    N e w    C a l l s
2 0    T o t a l    C a l l s
                       E X I T
```

C. When there are no more new calls the display will show NO NEW CALLS and the LED will turn off. If the [CID] key is pressed when there are no new calls the display will show NO NEW CALLS for 3 seconds.

```
N o    N e w    C a l l s
```

2. New Call Review, the [up]/[down] keys can be used directly to review old or new calls. The down arrow key will review calls Newest to Oldest (new calls first), and the up arrow key will review calls Oldest to Newest. If all the new calls are reviewed in this review mode the New Call LED will turn Off. The first press of the [CID] key will show the Call Summary Screen. The Call Summary screen is also displayed between the first and last calls in the call list.

```
1 2    N e w    C a l l s
2 0    T o t a l    C a l l s
                          E X I T
```

3. After the Call Summary Screen is displayed the review keys can be used to review the Caller ID calls in memory as stated above. To see the New Calls first press the [Down] arrow key.

```
0 2 : 2 4 P M   1 2 / 1 5
8 5 8 - 7 1 5 - 1 6 0 8
J A C K S O N   G E O R G E
C a l l      O p t s     E x i t
```
"Normal Caller ID record"

```
0 2 : 2 4 P M   1 2 / 1 5          N
8 5 8 - 7 1 5 - 1 6 0 8
J A C K S O N   G E O R G E
C a l l      O p t s     E x i t
```
"New Caller ID record"

```
0 2 : 2 4 P M   1 2 / 1 5          P
8 5 8 - 7 1 5 - 1 6 0 8
J A C K S O N   G E O R G E
C a l l      O p t s     E x i t
```
"Caller ID with Priority"

```
0 2 : 2 8 P M   1 2 / 1 5          R
2 7 9 - 1 2 3 4
T O M M Y   S M I T H
C a l l      O p t s     E x i t
```
" Repeat Call"

```
02 : 28 PM    12 / 15
Blocked   Call


- - - -       Opts      Exit
```
"Blocked Call"

```
02 : 28 PM    12 / 15
No   Caller    ID
Available
- - - -       Opts      Exit
```
" Out of Area"

4.In the CID review mode if no key is pressed, in 15 seconds the unit will return to the standby mode, and the display will shows the current clock/calendar:

```
Jan   01   Wednesday
Username    12 : 00 AM
   12   NEW  CALLS
         MEM        CID
```

4.3 Deleting Single Caller ID Records

1. To delete a Caller ID call, press [CID] and then [up]/[down] to scroll the CID data base between calls to find the particular record to be deleted.

```
Jan   01   Wednesday
Username    12 : 00 AM
   12   New   Calls
         MEM        CID
```

```
02 : 24 PM    12 / 15
858 - 715 - 1608
JACKSON   GEORGE
Call       Opts      Exit
```
"Normal Caller ID record"

2. Press the [Opts] key and the LCD will show next sub menu options.

```
> E R A S E   C A L L ?
S a v e     I n     P h o n e B k
E r a s e   A l l     C a l l s
O k                     E x i t
```

3. Press the [Up]/[Down] key to select " Erase Call".

```
> E R A S E   C A L L ?
S a v e     I n     P h o n e B k
E r a s e   A l l     C a l l s
O k                     E x i t
```

5. Press [OK] key and the Caller ID call will be deleted and the next call in the list will be displayed. If the last call is deleted the clock/calendar standby screen will be displayed. The LCD displays:

```
C a l l e R   I D
E r a s e D
```

4.4 Delete All Caller ID Records

All Caller ID records (old and new) can be deleted from the call list.

1. In the Caller ID review mode, press the [Opts] key and the LCD will show next sub menu options.

```
> S a v e   I n   P h o n e B k
E r a s e   A l l   C a l l s

O k                   E x i t
```

2. Press the [Up]/[Down] key to select " Erase All Call".

```
> E r a s e    A l l    C a l l s



  O k                      E x i t
```

3. Press the [OK] key and the LCD display will show "Erase All Caller ID?" and "Are you sure?"

```
  E r a s e    A l l
  C a l l e R    I D
  A r e    Y o u    S U r e ?
Y e s                      N o
```

4. Press [Yes key again to confirm and delete all the Caller ID calls in memory.
5. The following message will be shown for 3 seconds.

```
  A l l    C A l l e R    I D
  E r a s e D
```

6. The current clock/calendar standby screen will be displayed.

```
J a n    0 1    W e d n e s d a y
U s e r n a m e    1 2 : 0 0 A M

        M E M        C I D
```

Note: To cancel the Erase All function, Press [No] key.

4.5 Caller ID Dialback

One (1) HOME and Seven (7) Local area codes can be programmed in the user settings. In many cases only the home Area Code will be needed. However in areas with 10-digit dialing, one or more local area codes may be needed to dial the received number back correctly.

Home Area Code Match - Received 10 digit numbers matching the Home area code should display as 7-digit numbers with the area code "stripped" for correct dialback. During dialback only the 7-digit number will be dialed. 555-1212

Local Area Code Match - Received 10 digit numbers matching the Local area codes should display as 10-digit numbers. During dialback the "1" should NOT be added to the number. This is called 10-digit dialing. 714-555-1212

Home Area & Local Area Code No Match – Received (10 digit) numbers that don't match any of the Home or Local Area Codes should be displayed as 10 digit numbers and dialed back as 11 digit number by adding the "1" prefix to the number. 1-714-555-1212

Edit Feature: In addition to Home and Local Area Codes, there is another way to modify the number to be dialed. When the number is displayed and the [Call] key is pressed, the display will show the number on the top LCD line and "Dial Number?" on the bottom LCD line. At this time the [Edit] key can be pressed to change the number from 7 to 10 to 11 digits as shown in the example below.

1. Press [CID] key and use [up]/[down] keys to review the Caller ID calls in memory as stated above.

```
0 2 :  2 4 P M   1 2 / 1 5
8 5 8 -  7 1 5 -  1 6 0 8
J A C K S O N    G E O R G E
C a l l       O p t s      E x i t
```
"Normal Caller ID record"

2. Press [Call] key once.

```
C a l l    t h i s    n b r ?
8 5 8 -  7 1 5 -  1 6 0 8
J A C K S O N    G E O R G E
C a l l       E d i t      E x i t
```

3. Press [Call] key again to dial the number or press [Exit] to cancel dial back mode.
4. Press [Edit] key to toggle between 7, 10, 11 digits and press [call] again to dial the displayed number.

5. Press [Exit] to cancel dial back mode and exit to standby mode.