Almanac

COLLABORATORS			
	TITLE : Almanac		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		October 23, 2022	

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

Almanac

1.1   This Guide is a Reference to Almanac_F3

                     *** Almanac_F3 by Thomas F. Powell   UPDATED 03-10-97   ←
                 ***

         Released as GiftWare. It was written using Amos1.36 on
         an Amiga 2000HD with 4 megs. Ram, running WBench 2.04.

             To RETURN to Almanac FROM Amigaguide.
                     ********** Please Read 'NEW' UPDATE Page !! **********

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                 F1-F5 Command
                    ** The Complete Button Set Below **

                 Testing, Credits and Email.
                  Main Screen
         ****

                  Title

                  Date

```
                       01-31
                          These are your MEMO Day Buttons.

                        YEAR
                          Also:  includes '<'  and  '>' .

                        CALC

                        PRT/D

                     Info SQUARE

                        FIND

                        NEXT

                     < Qtr >
                          The 'Qtr' is NOT a working Button.

                      Ed Rec
                      F1 Command Line Buttons.
    ************************

                     BIRTHDAYS

                     BIRTHS

                     ALTER

                     6 COLOUR CODES

                     ALARM

                     ADDRESSES/PHONE
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    ************************

                     WORLD TIME ZONES

                     MUSIC

                     CONVERSIONS
                      F3 Command Line Buttons.
    ************************

                     FIND EASTER

                     DAY COUNT
                      When In The Command MODE.
    ************************

                      New REC
                          ** For Addresses/Phone and Births **

                     < P  1 >
```

```
                    Ed Rec

                BIORHYTHMS
                         ** Shows When in Birthdays **

                  YEAR

                 Jan-Dec
                 When In Edit Record MODE.
      ************************

                CLEAR

                CANCEL

                DELETE

                CUT

                COPY

                PASTE

                Calc PASTE

                SAVE
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1.2 update

```
New Updates For Version F3
--------------------------
                     ***   MOST IMPORTANT   ***

    IF YOU ARE ALREADY RUNNING A LESSER VERSION THAN ALMANAC_F3
    AND WISH TO KEEP,

                    YOUR  YEAR DATE FILES      ( YR???? ).
                    YOUR  ADDRESS/PHONE FILE   ( ADFILE ).
                    YOUR  BIRTHDAY FILE        ( BDFILE ).
                    YOUR  COLOUR CODE FILE     ( CCfile ).


    YOU MUST PUT THE NEW ALMANAC_F3 DRAWER ON TO YOUR HARD DISK AND
    THEN - REPLACE - THESE FILES WITH YOUR - OWN - FILES,
    ALL OTHER FILES MUST REMAIN INTACT !!!


          Seeing as we have moved into another year since the last
version of Almanac, you will now have more than one YR???? file, this is
perfectly OK.  You will NOW have a YR1996 and a YR1997 file, you may even
have other YR???? files.  As long as you have about 1 meg. of room on
your hard disk, I think the easiest way to go about it is to put the new
Almanac_F3 drawer in BESIDE the old Almanac drawer, open up both 'Files'
drawers and replace the new files, with your own files you wish to keep.

          If you have used 'LEAVE OUT' in the Workbench Menu, for the
```

OLD Almanac_F1.2 Icon, don't forget to use 'PUT AWAY', first.

        NOW, if you have ALL your OWN files in the 'Files' drawer of the
NEW Almanac_F3 drawer, you may 'DELETE', the OLD Almanac_F1.2 drawer.
BUT, RUN the NEW Almanac_F3 program FIRST, BEFORE you Delete the Old
Almanac drawer, just to make sure all is well.

        I have been very busy on other projects but have finally managed
to get around to updating Almanac from F1.2 to F3. Actually the Function
key F3 has only Two (2) Button in it at the moment, but have decided to
call this version F3 anyway, and bypass version F2.

        I have fixed a small bug in the Editor, that appeared on rare
occasions, it allowed a letter to appear outside the edit area, at the
beginning of a line.
        If you clicked on the day memo buttons fast enough, they would
sometimes get the wrong colour. I have reworked this loop so this cannot
happen any more.
        When you open a Day memo, the HEADER now includes the day number
of the year, (1 - 365/366). ALSO you can now go directly to this day
number of the year using the 'FIND' button and using a SPECIAL input code.
SEE page FIND of this guide to find out how!!!
        A little work has been done on some procedures to make them more
compact and faster, (I'm learning to do things better as I go along), also
have worked on the FONTS used in this program, now using a much smaller
font changing procedure. The program NOW uses all my OWN designed fonts.

        It was also suggested to me by Helmut Reichert of Melbourne,
that BIRTHDAYS would be more fitting to be on the Command Line and have
BIORHYTHMS as a secondary system. Seeing as my aim is to try to please
all those people who use my programs, I have made this change, and yes, I
feel it was the better way to go. To accomplish this I had to SWAP the
'Calc' and the 'Prt/D' buttons around. I also removed the 'Names' button,
you NOW have to Click OFF the BIORHYTHMS button to RETURN to the BIRTHDAYS
mode and then the Birthdays button to return to the Calendar.

        So what is NEW in Almanac_F3.

                    ****

 If you PRESS the F2 key.

    WORLD TIME ZONES. I suggest you READ the WTZ Page before using it!

    MUSIC. In the background while using Almanac. Please read Music!

    CONVERSIONS. Celsius to Fahrenheit or vis versa, NO Problems.

 If you PRESS the F3 key

    FIND EASTER. Now you can Find out when Easter is (1900 to 2199).

    DAY COUNT.   How many days between two dates? This will tell you!

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                    **********************
```

        By the way, if at any time you are in F2 or F3 and you can
SEE, and you CLICK, on a Calendar MEMO DATE Button, then Almanac will
automatically REVERT BACK to the F1 command line.

        I hope you enjoy these additions to Almanac. There will be
more in the future. Time is the only element, as I like to work on other
projects as well. I generally work on about three different programs at
the same time and swap from one to the other as ideas come to mind, or
if I get sick of seeing the same program over and over. But the main
reason is that I allot a certain amount of time for the Update. If I
didn't do this I would fiddle with it forever and get nothing else done.
        This may not be the most sensible way of doing things, but
that's the way I like to work it.

        Some of my other projects are:-

    Checkers_au. I have to make the computer play a lot smarter.
    Floppy_Cat.   Store all your floppies in a - Numbered - Catalogue.
    Squash_IFF.   Store Spack(ed) IFF files, on DISK, then Unpack
                     direct to screen from program. An AMOS Utility.

        Perhaps you have a suggestion or two for a command line button,
then let me know about it and I will try to do something for you. I'm
only a two finger typist, so typing up long lists of data doesn't turn me
on too much, and I'm not too hot on researching data either, but I can set
up files that the user can insert his/her own data into.
        Maybe one day I will be able to afford a good Digital Flatbed
Scanner, with OCR software, which would help a lot with this sort of
thing.
        However don't let this stop you from making any comments.

        So until next time, happy computing.

1.3 wtz

```
World Time Zones.
-----------------
```

        I don't know just how good I can explain this, but here goes.

        First up, I cannot guarantee the times as being 100% accurate,
as there are too many variable factors involved, such as daylight saving
and individual country time periods. Also I copied the map from a
magazine, (manually with 'Dpaint', OH! for a scanner) and there are some
doubts on how accurate that was. However if you don't treat it too
seriously, but as a bit of fun all should be fine.

        Second thing is, how well can you guess where your city or town
is on a world map. Can you recognize your own country and/or time zone!

        When the World Time Zone Map first appears you will be ask to
CLICK on your HOME City. There are about 70 cities already on the map.

If your city is NOT there you WILL have the opportunity to put your city
on the map. Up to 100 cities can be shown. You will notice the map is
divided up into 1 hour zones with Vertical black lines and with an
alphabetical letter (A to X), at the BOTTOM of the map. It is YOUR REAL
TIME, that will set the OFFSET to the other times shown.

        Don't be worried the first time you Click on the map!! But try
to Click on a 'Bright Green Dot' (with the very point) of the pointer,
that COULD be your TIME ZONE.

        The BOTTOM of the screen will NOW show three different digital
clocks, plus 5 BUTTONS (we'll talk about the buttons in a minute). There
is 'Your Time', 'Greenwich Mean Time ' (GMT), and the time of the 'NAME'
of the city you Clicked on. If the name of the city is YOUR city,
EXCELLENT! You have found your city first up.

        There will also appear a small white dove at the TOP centre of
the screen. Try Clicking on some more cities. The Dove will fly to this
place and the new city's name and time will show. The time will be
relevant to your time.

        IF the 'YOUR TIME' Clock is NOT YOUR REAL Time, THEN YOU HAVE
THE WRONG TIME ZONE. CLICK on the 'EXIT' Button and 'RESTART' World Time
Zones again, and try another city in a different Time Zone.

                    -- THE FIVE BUTTONS --

  EXIT Button   As you may have guessed, this exits World Time Zones.

  EDIT Button   Edit allows you to put a NEW City on the Map and to
  ----   TYPE in some INFORMATION on the new city. OR to type in
                     or alter the 'info' of a city. Also to DELETE a city.

   * FOR MAKING A NEW CITY.*

                     Click on EDIT. You will be ask for the NAME of the
                     NEW city. Type it in (and press RETURN).
                     You will then be ask to CLICK on the place the new
                     city should be, (try to be as accurate as possible, a
                     bright green dot will appear at the very tip of the
                     mouse pointer after Clicking the mouse button).
                     You will now be ask to type in the TIME ZONE letter.
                     This is the letter at the BOTTOM of the Map, (between the
                     two vertical black lines), the same lines that the city
                     lies between. (Press RETURN).
                     The SCREEN will now scroll UP a little way and
                     reveal our Info editor. You may wish to give a little
                     bit of information on this city. If all is well, you
                     must use the SAVE button to SAVE this city, or if you are
                     not satisfied, just Click on the CANCEL button.
                     After SAVING, the map will descend and our little
                     Dove will appear at the New City which will now have a
                     Flashing Dot.

   * MAKING OR ALTERING CITY INFO.*

                    CLICK ON THE CITY YOU WISH TO MAKE OR ALTER THE INFO.
Our little Dove MUST be hovering next to this city.
     Click on EDIT. You will be ask for the NAME of the
city. (Do NOT write in the name), just push RETURN.
     The SCREEN will now scroll UP a little way and
reveal our Info editor. You may now type in OR alter the
information as you wish. You MUST now SAVE the new
information, or use CANCEL, if you change your mind.

  * FOR DELETING A CITY.*

                    CLICK ON THE CITY YOU WISH TO DELETE.
Our little Dove MUST be hovering next to this city.
     Click on EDIT. You will be ask for the NAME of the
city. (Do NOT write in the name), just push RETURN.
     The SCREEN will now scroll UP a little way and
reveal our Info editor.
     NOW CLICK ON THE DELETE BUTTON. There is NO second
CHANCE!
     You can however CANCEL out this request by pressing
the CANCEL Button, so make sure you have the correct CITY
BEFORE DELETING it!
     A BLACK DOT will replace the Flashing Dot and the
Dove will appear at the Top Centre of the Screen. On
the NEXT Opening of World Time Zones, No sign of the
deleted city will show.

CITY Button   Click on the City button. NOW type in the first
----   THREE letters of the NAME of the city you wish. Our
little Dove will fly to this city.
     There is a KIND of a Bug with this button.
     MADRID in central Spain and MADRAS in India. As you
can see, if you type in 'mad', our little Dove gets a
bit confused and will fly to one or the other city, (NOT
necessarily the one you had in mind).
     These are the only two cities I have come across that
muck up the system, sorry about that!
     One other thing, if the length of the city name is
more than 16 characters long, the name will be truncated
to a space plus the first 15 characters of the name. I
NEED at least one space at the beginning of the name for
sorting purposes.

MAG. Button   To MAGNIFY an AREA of the World Map, Click on the
-----------   MAG button. NOW with the Left Mouse Button Click on some
point of the World Map, or if you hold the Mouse button
DOWN, and slide the mouse around, a Flashing Square will
be seen within the World Map area. Just RELEASE the
Mouse Button to SEE this Magnified section.
     To RETURN to the World Map, click on the button at
the Bottom of the Magnified picture. To allow the use of
the other parts of the program, you MUST turn OFF the
MAG. Button.

     THIS BUTTON IS NOT FULLY FUNCTIONAL YET!!!

     The intention is to make it easier to Click on Cities

                           where they are congested on the World Map. However as I
                           am a bit of a dunce at mathematics, I am still working on
                           the mathematical ratios to accomplish this procedure. I
                           hope to have it all worked out by the next version of
                           Almanac.

    INFO Button   WHERE IN HELL IS THE INFO BUTTON! There is NO button
    -----------   with INFO written on it, it is the large square that has
                           the three clocks in it. If you Click on this square the
                           information will appear for the city the Dove is flying
                           over. To REVERSE the process, just move the pointer OUT
                           of the square.

          So. if YOUR city or town is NOT on the map, first PICK any city
that you think lies in your TIME ZONE. If the two END clocks match, then
this is YOUR time zone. now just follow the instructions on Making a New
City. You will then be able to click on YOUR city or town, when ask to,
on running World Time Zones.

          I hope I have made everything clear enough. Anyway play around
with it and have fun!

1.4 music

A Musical Background.

          There are 5 tunes in the Music drawer. These songs are in the
AMOS Format. If you feel you have better ones, you may REPLACE them with
your own AMOS Music, BUT there MUST be only five songs and they MUST be
in Amos format. For 'Amos' MUSIC, I always use the extension of '.mus'.
          So the only thing I ask you to do is to RENAME your song using
an extention of '.mus' and to REPLACE any SPACES in the name with the
under score character ('_'). Example:

                              Your name.......My Tune

                              Rename as.......My_Tune.mus

          As long as the name has NO SPACES in it and it has the EXTENTION
.mus all will be fine.

          The Buttons to RUN Music are pretty self explanatory. Just
Click any button (1 to 5), to START a Tune. The 'U' button to increase
the SOUND Volume, the 'D' button to LOWER the Volume or the 'MUSIC'
button to STOP any tune.

          AND, you will NOT find any Heavy Metal NOISE in this group
          of tunes !

1.5 conv

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Your Conversions Calculator.
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         After Clicking on this button, you will see our Calculator, (but
slightly altered). On the RIGHT Hand side, (just for now in this version
of Almanac) are two categories, 'Length' and 'Temperature', Click on one
of these. Now on the LEFT hand side, appear another group of buttons, you
MUST Click on TWO buttons, one from each column. Example:-

         First CLICK on 'Temperature', (on the far right side), then
CLICK on 'Celsius', (in the LEFT most column). NOW Click on 'Fahrenheit'
in the centre column. Now on the Calc, Click in, '37.8', and then the
'=' KEY. The Calc will show:

   '37.8 Celsius = 100 Fahrenheit', (or something to that effect).

   You may Click on 'CA' to CLEAR the TOP Line of the Calc, but you can
just keep on clicking in any other calculations. I use the normal
calculator just as a keyboard for the FIRST number, the other buttons
'+ - * /', are not really used.

         To reverse the formula, click on the 'Temperature' button again,
then the 'Fahrenheit' button, then the 'Celsius' button, and try, '100'.
The Calc should show, '100 Fahrenheit = 37.8 Celsius', (or numbers close
to that).

         Play around a bit, I'm sure you can work it out alright. I will
be ADDING more conversion categories in the future.

         CLICK OFF the Conversions Button to ESCAPE conversions.

1.6 easter

```
When Is Next Easter.
--------------------
```

         Want to know when Easter is in the year 2000. This is easy,
just Click on the Easter Button, then TYPE in the year 2000. It will give
you most of the religious days for this period. Easter dates are accurate
for the years 1900 to 2199.
         You may Dump this List to your printer, if you like, by clicking
on the P/Dump Button.

         CLICK OFF the Easter Button to ESCAPE from Easter.

1.7 dcount

```
How Many Days To Xmas.
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         So, you want to know 'how many days from NOW to Your Birthday'.

This is very simple, just type in today's date, then your birth date.
Well what do you know, only '?' days to go. Are you getting excited?

Well you never know, this information may come in handy! This
procedure works acutely from the year '1752', (the year the western
calendar started) to the year '2052', (the future year I have restricted
Almanac). I'm sure I have covered any input errors that may occur when
inserting the dates.

CLICK OFF the Day Count Button to ESCAPE from DAY COUNT.

1.8 introduction

An Introduction To Almanac_F3

I wanted an information data base that would keep day by day
memo's, address and phone numbers and perhaps other information that
would come in handy, but it had to be as simple as clicking on a button.
I didn't want to muck around with menu bars or any complicated processes.
But then again, I wanted to make it easily expandible to include any
other procedures I felt may be needed.

Naturally, it would be calendar based. I had, about a year
ago, written a calendar program that produced a month by month display,
so I already had a calendar algorithm I could use. A full years display
would have been a little difficult to have graphically represented in the
Hires Mode, so decided on using quarter year segments. I wanted to keep
the button count down as well, too many buttons can get a bit confusing,
so worked out the F1 - F5 system I use.

See
 F1-F5

I was going to call the program, HandyCal, but with the ←
many
suggestions from a few friends and with my own ideas, have decided to
go a little more grandiose and call it Almanac. The BIO button procedure
is not my idea as I don't believe too much in this kind of thing, but
what can a man do, it pleased one of the friends.

As you may have gathered this was written using Amos, sorry
a full program written in Assembly Language is a little beyond my
knowledge and I prefer to go the easy way at this time of life.
Unfortunately I have no FULL access to any other computer other than my
trusty A2000. You will need at least 1 meg. of ram and WorkBench2.0+ and
you should have a Hard Disk, just how it will go on anything else is up
to the Gods. I feel it may be a bit to sluggish on a Floppy system.
Any way, try it out and see and if it works OK, if so, I will be more
than pleased.

This is "Stage 3" of Almanac_F3. I will be adding even more to
'Stage 4' soon and will rename it Almanac_F4 (the 'F' refers to the
Function Key Command Line Buttons),

1.9 file_handling

                    How the Files are Handled.

        Let me first say, I am still very much learning how to handle
Random Access and Sequential files. Like skinning a Cat, there is more
than one way to go about it. With Random Access, they are sometimes
accompanied with a number array file to keep tabs on deleted records,
which are NOT really Deleted, just Cleared. They also use these pointers
for Sorting, (sorting the pointers Not the Records). Sometimes (as in
the case of the Year file, with a known length of 366, at most), set up
366 Blank records, this would be a great waste of disk space if only a
few records were used. There must be many more ways I don't know about.

        The way I have used the Random Access files, uses no extra
files, is only the length of the records used, when adding a record, will
also Sort it at the same time and when Deleting, will reduce the file
length by the size of a record. Now I'm not saying this is the best
way by any means, but it does have it's advantages. One disadvantage,
it is a fraction of a second slower to add or delete a record, but not
slow enough to hinder the flow of the program. How this way works on
very large files I am yet to find out. I will still be looking for a
better way to go. However on with the show.

                *************** IMPORTANT NOTICE ***************

        In the Almanac_F3 Drawer there are:-

 An Almanac.Readme.....A short readme file for 'Internet'. (SHOULD have).
 The Amigaguide........The file you are reading now.   (SHOULD have).
 Almanac_F3............The main program.   (MUST have, without saying).
 A Font Drawer.........with Three (3) fonts in it,
                       'alman8','infP8' and 'weP5'.   (MUST have).
 A Pics Drawer.........with Three (3) IFF pictures in it,
                       'Title0.pic' and 'Title1.pic',
                       'WTZ.pic' all standard IFF pictures.   (MUST have).
 A Files Drawer........with Five files in it,
                       'ADfile', with one (my) address record in it.
                       'BDfile', with one (my) birthday record in it.
                       'CCfile', with six (pre named) Colour Code names.
                       'YR1997', with one (my address) record in it.
                       'Al.abk', this is a SPRITE file.   (MUST have).
                       'WTZfile, map cities file.   (MUST have).
 A Music Drawer........with Five (5) AMOS formatted tunes.   (MUST have).

        ALL files MUST be in there correct drawers, inside the
'Almanac_F3' drawer. If you 'LOOK' at a different YR????, to Save this
Year file, a 'Record' must be in the file, otherwise NO file is made.
The ADfile, BDfile and CCfile files are Not essential as they will 'self
generate' (make a NEW EMPTY file if the file is Not found).

        ALL other files MUST be present !

        ****
        TO INSTALL, just MOVE or COPY the 'Almanac' drawer

                    to wherever you wish to put it.
        ****

            In 'Almanac_F3', there is a WARNING BELL.

        ****

        Should RAM: or CHIP or DISK STORAGE Space become less than
5120 bytes (5 Kilo bytes), a bell will sound and the information window
will show a warning sign. This means you are running out of space for
any more Records. You can check this out using the mouse buttons on the
second line from the Top of the screen (under the Title Bar).
        If it's Disk storage you can MOVE the Almanac Drawer (the
WHOLE Drawer), to another DEVICE:, (if you have one), or make more room
in the present device, else get yourself a BIGGER Hard Drive.
        If it's RAM:, the only thing to do is buy more ram, if you
intend to make more records.
        If it's Chip, have you thought of getting Fat Agnus???

        The Year, Address and the Birthday files, are loaded quietly
into RAM: on start-up. The length of the files are only governed by the
amount of ram and disk space, the more you have, the bigger the files
you may have.

                    The Year file: YF????

        This is a Random Access file with only 1 field length of 442
bytes. The maximum length of a year file will be 442*366 = 161772 bytes.
Unlike a normal Random file if you Delete a Day Record, the size of the
file will decrease by 442 bytes. The size of the file will only be as
long as the amount of records you have in it. If you Delete all records
from a Year File, that Year File will Cease to Exist. The program though
will always start-up with a 'This' Year file even if this year has no
memos in it. You may have as many year files as you like. Only 1 year
file will be in ram at any one time.

        Unlike the Address and Birthday files, the YR???? files are
Not Sorted. This means, when Searching for something, the program will
search through the Records the way YOU made them, and may appear to jump
around a bit if using the NEXT Button. If you feel these Records should
be sorted too, let me know! I can have them Sort without too much
trouble, (I think).

                    See
                 01 - 31
                            The Address file: ADfile
                The Birthday file: BDfile

        Both of these files are Random Access files with 1 field each.
The Address record length is 438 bytes, the Birthday record 28 bytes.
When you ADD a record to either of these files it will be a fraction
slower than it would normally take, the reason being it will also SORT
the record into its alphabetical position. This will be more apparent as

you use the program. Again, like the Year file Deleting a record will
reduce the length of the file by its record length and file lengths will
be governed by the amount of ram and disk space.

                    See
                 ADDRESSES/PHONE

                 BIRTHS
                              The Colour Code file: CCfile

         This forth file is only a small Sequential file of 120 bytes, it
gives a Name to the 6 different Colours you may have in the Year file.
I have already named them, but you will more than likely wish to use your
own names. I suggest you do this as one of the first things to do on
running Almanac_F3, as leaving it till after you add records will
disorganize you colour patterns.

                   See
                 6 COLOUR CODES
                              The World Time Zone file: WTZfile
                 ----

         This file is a Random file with two fields, it holds the city
coordinates and the information on each city.

                         The AMOS Sprite File

         The last file is an Amos sprite file. I have not SAVED this
file in with the program YET, (with AMOS, a sprite file can be Saved as
a Bank with the actual program). In case I add more Sprites later, it
is easier to keep this file separate to the program for the time being.
This File * MUST * be in the Files Drawer for the program to Run !

         There will undoubtedly be more Files added to the program before
we finish. As for now, that is it.

1.10   editor

The Editor

          This is the First Editor I have ever written so don't expect
some fantastic, speed machine, word processor. It is NOT a Scrolling
Editor, though I can control the number of lines and the length of the
lines, (from a couple of characters, to about 2240 characters) and can
position these lines to within a x,y pixel, on the screen. But it only
works in 'INSERT MODE' and only works on a line for line basis. Taking
for instance an Addresses/Phone Record. This is made up off 6 lines of
73 characters, (438 characters, the length of each record).

         The Cursor is controlled by the Keyboard Arrow Keys, also by
moving the Mouse Pointer to anywhere within the Edit area and clicking

the LEFT Mouse Button. The Cursor will Roll-over in each direction, UP,
DOWN, LEFT and RIGHT.

          Any characters that are PUSHED off the end of a LINE are LOST.

          CUT and COPY work much the same as in any word processor, but
only on the ONE LINE at a time. Move the Mouse Pointer to the position
you wish, then using the RIGHT Mouse Button and HOLDING it ON, DRAG the
Pointer FORWARD along the Line to the point you want to stop at, let go
the RIGHT button, then click on the CUT or COPY Button. If you move the
Mouse too fast the Visual Indicator may not keep up, but the correct
number of characters will be Cut or Copied. You CANNOT Cut or Copy
BACKWARDS along the Line.

          To Paste, click on the position you want with the LEFT Mouse
Button (this moves the Cursor to that point), then click on the PASTE
button. You CANNOT Paste into a line anything that will EXTEND over the
END of the Line. If when INSERTING a Paste and some characters are
PUSHED off the END of the Line, they will be LOST.

          The Calc PASTE works the same as PASTE, except it will paste in
the ANSWER from the LAST Time you used the Calculator.

          OK, so its not the greatest or the fastest Editor, but it sits
in ONE AMOS Procedure and I feel, is good enough for this program.

1.11   buttons

About the Buttons.

          Most of the buttons I call ' Auto Syncretistic ', some people
may murmur, ' What in hell is auto syncretistic'. Well that's what I am
going to call them! Let me explain with an example.

          You Click ON a Day Memo Button, if there is a memo for that
day you will see it in the Memo Square, click OFF the same day button and
the memo square is cleared. But you can also click ON one button, then
click ON another and the old button will turn OFF and the new one, ON.
This syncretised action happens with nearly all buttons.

          One button which is an exception to the rule is the 'CALC'
button. I have tried to make the calculator available at most times I
think it will be needed. It will interrupt the rest of the program and
its button must be turned 'OFF', to continue with what you were doing.
The last answer to any calculation goes into a buffer and is available
when in the 'Edit' mode.

          There is no need to turn OFF a button if you choose to change
the Year Quarter or click on a Command button or most other buttons.

          I have done my best to make as many buttons use this 'Auto
Syncretistic' action as I can. If you click on a button and it don't
turn on, it means you must turn off the previous button turned on. I'm

sure you will soon learn the system.

1.12 layout

The Lay Out Plan.

          A fairly brief description of the Lay Out may better help you
under stand how the program works.   Starting from the top of the
Screen.

          The top line is not only the Title, if you move the Mouse
Pointer into this square, it will tell you to Click Here to END the
program.

          The Second line tells you the present Date, Time and how much
space you have left on your disk or in your partition. This line will
Update approximately every minute.
          If you Click and Hold the LEFT Mouse Button on this line, it
will give you the amount (in bytes) you have left of CHIP, RAM, and
VARIable space. The variable space is a buffer set by AMOS, it has been
set to 20 K/bytes. If AMOS should run out of variable space, BIG CRASH!
          If you Click and Hold the RIGHT Mouse Button on this line, it
will give you the Length (in bytes) of each of the Files, YR????,
ADDRESS/PHONE and BIRTHDAY. This line will up-date after every SAVE or
DELETE. In the future, this line will give you the length of any
Working File or the size of any procedure, depending on the LAST pressed
Function Key (F1 - F5).

          Next, this large square will show the Quarter Year. The program
will always come up showing the correct year and month quarter. This is
the main procedure, everything will eventually return to this Calendar
screen. This square also will show the Address, Birth LABELS and the BIO
Charts.

          The next line down, this line will alter depending on what Mode
you are in. The small central square is the INFO window and will give
you advisory messages, each button is explained. You can also view this
Amigaguide, by clicking on this square.

 See: 'YEAR' 'Prt/D' 'CALC' 'NEXT' 'Find' '< Qtr >'

          This Full width square is what I call the Command 'F1 - F5'
line. It holds the Command Buttons for:

 See: 'BIRTHDAYS' BIRTHS' 'ALTER' '6 CCodes' 'ALARM' 'ADDRESSES/PHONE'

          There are NOW buttons in 'F1' 'F2' and 'F3' and the function
keys 'F4' and 'F5' have already been setup for use, but with NO Buttons.

          The last and large Bottom square will show you all the Day,
Address and Birth RECORDS. This is also used as the EDITOR Window.
I use this area to give you the change of Months for BIO too.

```
See:  'BMths'
```

1.13   addr_birth_labels

```
Saving Address and Birthday Records.
------------------------------------
```

> The Random Access address file has only one (1) field, to get the address Label for the Record, I grab the first 22 characters of the TOP line of the Record. And for the Sorting routine I use the first 4 letters of this Label.

> For the Births file, the Record is 28 characters long, the first 6 are used for the Birth Date, DDMMYY, you must use all 6 letters. If your birthday was say, 2nd. March 1950 then put: 020350. The Label (and the NAME) are the next 22 characters.

> This means that if you wish these Labels to sort correctly, for the address/phone record, make sure the Main Name is on the TOP line. If you wish them to be sorted by Surname, put this first. If after Saving the record the Label looks wrong, just edit the record again until the Label comes up the way you want it.

1.14   f1-f5

```
The F1 to F5 Keys.
------------------
```

> To keep the screen nice and tidy I have developed the 'F1 – F5 Command Line', for any future procedures. The Function Keys F1 through F5 can be pressed and a completely different set of command buttons will appear across the centre of the screen, you will now have a new lot of projects to use. In the future this may even be extended to the F6 – F10 buttons. Clicking on the F1 button will return you to the 'Stage 1' button set.

1.15   title

```
The Title Button.
-----------------
```

> The title button runs the full width of the screen, if the mouse pointer is moved into it, it will tell you that, by now clicking the Left mouse button, all files will be Validated and moved back to your disk or partition from where they came and the files in ram will be erased and the program will END.

1.16 date

```
The Date and System Line.
------------------------
```
This line tells you the present Date, Time and how much space
you have left on your disk or in your partition. This line will Update
approximately every minute.

If you Click and Hold the LEFT Mouse Button on this line, it
will give you the amount (in bytes) you have left of CHIP, RAM, and
VARIable space. The variable space is a buffer set by AMOS, it has been
set to 20 K/bytes. If AMOS should run out of variable space, BIG BANG!
Because of the way I have written this program, using only small variable
lengths, (the Longest is 442 bytes), this should create NO problems.

If you Click and Hold the RIGHT Mouse Button on this line, it
will give you the Length (in bytes) of each of the Files, YR????,
ADDRESS/PHONE and BIRTHDAYS. This line will up-date after every SAVE or
DELETE. In the future, this line will give you the length of any
Working File or Procedure size, depending on the LAST pressed Function
Key (F1 - F5).

1.17 day

```
        The Memo Day Buttons.
--------------------
```

There will be up to 93 buttons here, depending on what year
Quarter you are in. You may click away to your hearts content. If you
wish to make a Memo for any day, just click on that button and then the
Ed Rec Button, type in your message, then Save it.

```
        See
      Ed Rec

    SAVE
```
The same may be said for Deleting a Memo. Click on the ←
```
                Day
```
button you wish to Delete, then the Ed Rec Button, then Delete it.

```
        See
      DELETE
```

1.18 year

```
The <  Year  >  Buttons.
-----------------------
```

The '<' button will get the Year previous to the one you are
now in.

The 'Year' button will bring up a request to TYPE in the year
you require. Available years are between 1752 to 2052 inclusive. You

may ask, why start at 1752. England adopted the Julian calendar, (the
one we use today,) in this year. The Algorithm for the calendar will go
well past 2052, but I feel by this time a New DECIMAL calendar will be
in use, (???).

        Maybe we will even be using DECIMAL Clocks, (???). What say,
50 seconds to the minute, 50 minutes to the hour, 25 hours to the day.
This is only .3 of a second more than it is now, and with the EARTH
slowing down, (as it is), would work about right. It's ONLY a thought!!

        The '>' button will get the Year forward to the one you are
now in.

1.19 prt-d

The P/Dump (print to printer), Button.

        I have a Very old Logitec Printer that only prints in ITALIC
and puts out a very WEIRD Graphics Dump, (a case of being a poor, old
pensioner). So this button only made to do a very simple print out.

    If a Day Memo button is On, in Calendar Mode.
     - will print the Memo for that Day, with 'That' days date.

    If an Address button is On, in Address Mode.
     - will print the Addresses/Phone Memo, with the 'Present' days date.

    If in Births Mode, (edit Birthday names).
     - will print out the 'BDfile' File, (a long list, if many names).

    If in the ALTER Mode, (change Colour Code Name)
     - will print out the 'CCfile' File, 6 * (col.No. Colour. Name).

        If your Printer is turned OFF or there is NO PAPER in it, you
will get a Flashing message in the Info Window, wait a second or two then
return you to the READY Mode. The 'Thing' to do now is to Turn ON your
Printer, or put some paper in to it, then Click the Prt-D Button again.

1.20 calc

            The Calculator Button.

        The Calc Button can be used at any time it can be SEEN. The
Calculator is almost identical to the Workbench Calculator, except the
* - / +, buttons will stay ON until the = button is pressed. The
Answer to a calculation is always stored in a Calc buffer.

                See
                 Calc PASTE
                          The Calc Button MUST be switched Off before you can ←
                              continue

with what you were doing before using the Calculator.

1.21 info

The INFORMATION Square.

        Normally the Info square will just give information on What is
'going on', or advise as to your Next Move. However Should You CLICK in
This Window, with the Mouse Pointer, Almanac will DISAPPEAR to REVEAL
THIS Amigaguide. You may now get Any Information on Almanac or it's
Buttons. To Return to the Almanac Program, you MUST FIRST -- CLOSE the
ALMANAC.GUIDE (Click on the TOP Left Hand Button), THEN (Hold Down) the
LEFT AMIGA Button and (Press) the 'A' KEY. The Almanac Program will
REAPPEAR.

1.22 find

The Find Button.

        The FIND Button works for Calendar Memo's, Addresses/Phone and
Births, depending on the Mode you are in. Hitting the FIND Button will
bring up a requester for the Find String. Type in your string, this can
be a sentence, a word, or even part of a word, or even a number. The
INFO Window will tell you if NOT Found. If looking for a number, say the
number 3, this may pick up the number 30. The CLUE here is to type in a
3 plus a ' ' (space), if you finish a number with a SPACE, you should get
what you want.

        When in Calendar Memo Mode, do NOT start a NORMAL string search
off with an ASTERISK '*'. See below.

        To Find the Next occurrence of your string, just click on the
NEXT Button.

                        See 'NEXT' page.

                ****

        NEW as from this version, (Almanac_F3), when in Calendar Memo
mode and ONLY in the Memo mode, you can go DIRECTLY to a day number of the
year. To do this Click on the 'FIND' button, and TYPE in, an ASTERISK "*"
then the Day number you wish.

        An example would be:

        Type in   *100   (then push 'RETURN').

        This would find the 100th. day of the year and then open up the
memo for you. You may now edit it or just continue on as you like.

This function is different from doing a Normal String NUMBER
Search, and will ONLY work for a number between , 1 and 365 or 366 in a
LEAP year. Also the 'NEXT' button will NOT work when using this type of
FIND and will let you know, if you try to use it.

        In a future version I may use the 'NEXT' button to ADD so many
days to the original 'FIND' number, like: FIND day *100, then when you
hit 'NEXT' it will ask you for another number, say, *40. It will then
FIND the 140th. day number. This would mean that if you started to do
something on the 100th. day and you know it will take 40 days to do, you
would then find out the date you would have it finished.

        So what do YOU think?

1.23 next

            The Next Button.

        The NEXT Button works for Calendar Memo's, Addresses/Phone and
Births, depending on the Mode you are in. The NEXT Button only works
after you have used the FIND Button, or the INFO Window may tell you
'String NOT Found!'.

                    See
                FIND
                                    ****

        At presant this Button does NOT work when using the function,
FIND *100. See the 'FIND" page.

1.24 qtr

The < Qtr > Buttons.

        The '<' Button will take you BACK a QUARTER of the Year.

        The Qtr button is a NON working button and just shows you the
Number of the Year Quarter you are in.

        The '>' Button will take you FORWARD a QUARTER of the Year.

        Both the '<' and the '>' buttons ROLL OVER i.e.: 1 to 4, 4 to 1.

1.25 ed_r

```
The Edit Record Button.
-----------------------


        The Ed Rec Button will put you into Edit Mode, (AMAZING!).
All the EDIT Buttons will appear plus a Flashing RED Line around the
Editing area.  Returning to READY Mode will be governed by which EDIT
button you then use,

  See: 'CLEAR' 'CANCEL' 'DELETE' 'CUT' 'COPY' 'PASTE' 'Calc PASTE' 'SAVE'

  See also:  'Calc'
```

1.26 bio

```
            The Biorhythms Button.
----------------------


        THIS BUTTON SHOWS UP AFTER THE BIRTHDAYS BUTTON IS PRESSED.

        After clicking on a NAME, you will get the GRAPH for this month
of this year.  You may then click on any month, or go to any other year.

        As the story goes, or at least the way I have been told.  We
are born with 3 cycles to control our behaviour patterns.

    These are:    PHYSICAL (green) ............ 23 day cycle.
                  EMOTIONAL  (red) ............ 28 day cycle.
                  INTELLECTUAL (blue) ......... 33 day cycle.


        These cycles start from the day of birth, (the right to life
people, would object to this).  This can be confirmed by running
Biorhythms for your birthday, then getting your Year and Month of birth.
As you will see all cycles emerge on the Neutral Line, (half down the
Chart), on the Day of Your Birth.
        As I have been told, the Higher the Peak of each individual
cycle is in the Chart, the greater the efficiency of each ability for
that day.  If All cycles are below the middle line and heading for Rock
Bottom, stay home and stay indoors.
        This is why I only write programs when my Intellectual cycle is
at its Peak, (only kidding).  Have fun and happy days.

        *** You MUST Turn This Button OFF to LEAVE Biorhythms ***

                    See
                YEAR
```

1.27 births

```
The Births Button.
------------------
```

This Button allows you to Add, Delete or Alter a RECORD for
the BIRTHDAYS and BIORHYTHM procedures.

        To ADD a New Record, just click on the 'New Rec' Button.

        To DELETE a Record, just click on the NAME button you wish to
Delete, then the 'Ed Rec' Button, then the 'DELETE' Button.

        To Change a Births NAME, just click On the Births Name
Label you wish to work on, then use the 'Ed Rec' Button. Don't forget to
SAVE it afterwards.

  See: 'New REC' 'DELETE' 'Ed Rec' 'SAVE'

1.28 alter

        The Alter Button.

        When you click on the ALTER Button the Info Window will ask
you to Click on a COLOUR Button. You may click On each or ANY one to
SEE the NAME for each button. If you wish to CHANGE the Name just click
ON the 'ED REC' Button. You may have any Name up to 18 characters. If
you Change a Name, don't forget to click On the SAVE button. You will
have to go through this process 6 times to Alter ALL the Names. If
however you find the NAMES OK, click OFF the ALTER Button to Return to
the Calendar Mode.

            See
        6 COLOUR CODES

1.29 ccb

        The 6 Coloured Code Buttons.

        You CANNOT Alter the Colour of these Buttons, but you CAN
Alter the Names that go with them. They are only a VISUAL indication of
what a Day Memo Record holds, and are only used in the Calendar Mode.
Although I have already Named them, you may, (and Should), rename them to
what you prefer BEFORE making any Day Memo Records. Otherwise you will
have to RE-COLOUR Past Records to Match your Colour Code/Name pattern.

            See
        ALTER

1.30 alarm

```
                The Alarm Button.
-----------------

        When SAVING a Day Memo, you will be ADVISED to Click ON a
Colour Code and/or Alarm Button.  You may also Click On the Alarm button
to set the Alarm for that day.

                See
                01 - 31
                        If any ALARMS are SET the Alarm display will show in  ←
                                the large
bottom square of the screen when the Almanac program is first Run.  You
may at ANY Time click on the Alarm Button, to SEE what Day Alarms have
been SET.  The Alarm Display will be removed upon clicking either mouse
button.

        The Alarm Display will show the Dates of up to 18 different,
(this day or future) days.  If the Alarm Date becomes Yesterday, it will
be removed from the List, and a New alarm date added to the end of the
List, if there are more than 18 alarm days set.
```

1.31 addr

```
                The Addresses/Phone Button.

        Simply Click On this button to bring up the address Labels.
Clicking on ANY Label will show the FULL Memo in the Bottom Square.
If you have more than 1 PAGE of labels, use the '< ' or '>' buttons to
change the Pages.  Or you can use the FIND button to Find an Address.
Click Off the Addresses/Phone button to return to the Calendar.

                  See
                < P  1 >
             ,

                FIND
              .
```

1.32 newrec

```
The New Record Button.
----------------------

        Simply Click on this button if you wish to ADD a NEW RECORD to
the Day Memo Calendar, (when in Calendar MODE), or the Address/Phone or
Births, (when in the Address or Births MODES).

        In the Address and Births MODES the New Record will be
automatically SORTED Alphabetically when SAVED.
```

The Day Memo Records are NOT Sorted when SAVED, (I MAY alter
this in the Future).

1.33 page

The < P 1 > Buttons.

        With the Left Hand Mouse Button the '<' button will STEP back
to Page 1. With the Right Hand Mouse Button the '<' button will go
DIRECTLY to Page 1.

        The 'P 1' button is a Non working button and will only give
you the Page Number you are at.

        With the Left Hand Mouse Button the '>' button will STEP
FORWARD to the Next HIGHEST Page Number you have. With the Right Hand
Mouse Button the '>' button will go DIRECTLY to HIGHEST Page Number you
have.

1.34 birthdays

The Birthdays Button.

        The Birthdays Button will SHOW UP TO 12 Names from Your BDfile
and give you there Relative Position in the Year, as from TODAY.

        If there are NO Names in the 'BDfile', (Button will NOT Work)!!

        If Only ONE (1) Name in the 'BDfile', it will SHOW you if it
was, YESTERDAY, TODAY, TOMORROW or How Many Days in the Future.

        If there are More than One Name, the FIRST Name, (and ONLY the
FIRST Name will be SHOWN as, How Many Days AGO, the Second as, YESTERDAY,
TODAY, or TOMORROW or How Many Days in the Future.

        Ect, ect, ect. Up to 12 Names.

        You can use the 'Prt/D' button to Dump to the Printer this
list of names.

        THIS BUTTON INTERRELATES WITH THE BIORHYTHMS BUTTON.

                See Biorhythms.

1.35 byear

The Biorhythms Year Button.

        The Biorhythms Year button will bring up a request to TYPE in
the year you require. Available years are between 1901 to the year 2052.
Why Start at 1901? Well, I doubt if anyone over 96 will be interested in
their Bio Charts, (I maybe wrong, but I don't think so).

                ✴✴✴ HERE IS A WARNING ✴✴✴

        About looking at Your Charts into the FUTURE. Suppose you were
to look at some Future Month, to see ALL Lines merging ON the Neutral
Line, would this mean you are to become a Born Again Christian. Or even,
suppose those Lines just suddenly STOPPED DEAD, in the MIDDLE of the
month, just CEASED to Exist, (SHUDDER). I would really hate to see you
have a Heart Attack before its REALLY time for you to go.

            ✴✴✴ DON'T SAY YOU HAVE NOT BEEN WARNED!! ✴✴✴

1.36   bmths

            The Jan to Dec Buttons.

        When using BIORHYTHMS, Simply Click On the MONTH Chart Button
you wish to See. A Chart of that Month will be Drawn.

                    See
                BIORHYTHMS

1.37   clear

The Clear Button.

        Clicking On the CLEAR Button will Clear the Text from the EDIT
Window AND the Record Buffer. You then have a Clear Record to Use.
If you have Made a MISTAKE, the ONLY way to RETRIEVE the Text again, is
to IMMEDIATELY Click on the CANCEL Button, you have been WARNED!

1.38   cancel

The Cancel Button.

        The CANCEL Button Sits UNDER the 'ED REC' button. If you
should Click on the ED RECord button and go into EDIT Mode, the CANCEL
button will Replace the 'ED REC' button. If you change your mind about

altering the record, just click again and you will return to where you
came from. NO Alterations will be recorded.

1.39   delete

The Delete Button.

        Very simple, the DELETE Button will ERASE any Day Memo, Address
or Birthday Record. It will NOT give you any SECOND CHANCE or WARNING!
The Size of the File will be reduced by the Length of the Record.

        You cannot DELETE a Record from the Colour Code File (CCfile),
only ALTER the file Names.

1.40   cut

The Cut Button.

        The Cut Button works like any other Cut Menu item. After
Marking the area using the Mouse, (with the RIGHT Mouse Button held
down), just Click on the CUT Button. The Cut text will be erased from
the editing text and will be put into a Cut buffer. This text can then
be placed into the same Memo, another Memo, or a Address or Birth Record.

1.41   copy

The Copy Button.

        The Copy Button works like any other copy Menu item. After
Marking the area using the Mouse, (with the RIGHT Mouse Button held
down), just Click on the COPY Button. The Copied text goes into the
copy buffer. This text can then be placed into the same Memo, another
Memo, or a Address or Birth Record.

1.42   paste

The Paste Button.

        The Paste Button works like any other paste Menu item. Move
the Mouse POINTER to the position you wish in the Editing Window and
click the LEFT Mouse Button, the Edit Cursor will be moved to that place,
then Click the Paste Button.

1.43 cpaste

```
The Calc Paste Button.
----------------------
```
          The Answer to any mathematical sum, goes into the CalcPaste
Buffer, this will be transferred to any point where the Editing cursor
is, on clicking the CalcPaste Button. The CALC Button must be in the Off
position to do this.

1.44 save

```
The Save Button.
----------------
```
          When Saving a Day Memo from the Calendar, you must Click on the
SAVE button TWICE. Upon the First click, the INFO Window will ask for
a Colour Code and/or Alarm. For a NEW Memo you MUST click on one of the
colour coded buttons, (I hope you have already renamed these buttons to
your own liking), you may now click On the ALARM button if you wish to
SET it for this Day. Now Click On the SAVE Button again, the Memo will
be SAVED. In the case of re-editing an old Memo, and you wish to Keep
the Old Colour Code, and with No Alarm, just click Save again.

          When Saving an Address/Phone or Births Record, you need only
click SAVE Once.

1.45 aguide

```
After Using Amigaguide.
-----------------------
```
          You can RUN this GUIDE at any time by Clicking on the 'small
Info window' just below centre of the Almanac Screen, (the Almanac screen
will now be HIDING behind the Workbench screen), and the Amigaguide will
be Showing.

          To RETURN to Almanac, Click OFF Amigaguide (the Workbench will
now be seen), then HOLD DOWN the LEFT 'Amiga' button' and (while holding
down the left amiga button), PRESS the 'A' button. You are BACK with
Almanac_F3.

          You may leave Amigaguide running if you like BUT, this will
slow down Almanac_F3. Best to CLOSE the Amigaguide first.

1.46 testing

```
Testing and Credits.
--------------------
```

```
*******   NOTICE   *******
```

        On my old Amiga 2000 I can use COMPRESSED picture files (about
a quarter the size of the IFF pictures that are in the PIC Drawer), plus
some of the other stuff can also be SQUASHED UP quiet a bit. However
for some reason AMOS doesn't like UNPACKING them very well when running
this program on an Amiga 1200 machine. So for the reason of compatibility
I have left all of the files in their NORMAL formats, unfortunately this
does take up a bit of extra disk space.

```
*************************
```

  My thanks go to:-

  Helmut Reichert
  Email address:- helmutr@connexus.apana.org.au

  For his bug hunting and help and for putting all my stuff on the Net.

  For direct correspondence: Sorry, only Snailmail or Phone.

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