

<b>RESIN</b>
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## BACKGROUND

RESIN is a computer based listing of CALM's fire fighting resources. This listing was previously included in the Fire Control Working Plan developed by each district every year; nominally as Part C. Putting the resources onto a database type listing has the following advantages:

Instead of having to re-type the entire section each year only those parts requiring update need be altered.

Updates can be done rapidly and with minimal error. Print-outs have a pre-set format.

Searches can be done on resource details.

No word processing or computing skills are required to run RESIN.

Automated recording of when updates are made.

Automated sending and retrieval of details of resources sent to other stations is possible when the computer is connected to the CALM network.

Full listings of CALM resources at a fire can be developed and rapidly input to the Fire Resource Recording System (FRRS).

RESIN uses five database files for the following types of resource data:

Staff	CALM officers who occupy positions in the Fire Suppression Organisation.
Employees	People employed on a wages basis who work on the gangs.
Vehicles	Includes 2WD, 4WD, Gang Truck, Heavy Duties and Light Patrols etc.
Plant	Includes Bulldozers, Graders, Skidders, Tractors and Wheel Loaders.
Equipment	Includes items such as Portable Units, Hygiene Units, Canvas Tanks and other items not part of the normal complement of vehicles.

## INSTALLATION

The package is delivered on floppy diskette(s). To install RESIN the installation disk is placed in the appropriate drive and the command

A:INSTALL A	<ENTER>	if the A: drive is used
B:INSTALL B	<ENTER>	if the B: drive is used

is given.

The INSTALL.BAT file will create a directory for the package to reside on, copy the program and database files to the RESIN directory and if required prompts for other disks to be copied onto the hard disk.

The RESIN program can then be set up for the particular station that it is being installed at. This is done automatically the first time that RESIN is run at any station.

## STARTUP

To start RESIN up you must first be in the appropriate directory, so ...

```
CD\RESIN <ENTER>
```

Then issue the command ...

```
RESIN <ENTER>
```

(It is possible to set up RESIN so that you need not be in the RESIN directory before the "RESIN" command is issued. To do this the RESIN.BAT file must be in a directory included in the PATH. Once this is done RESIN may be started up from any directory simply by typing <RESIN> and pressing ENTER. Check with your computer operator on how to achieve this.)

## RUNNING RESIN

Once started up the program will take a few moments to load itself into memory.

### Help

The F1 key is programmed to show a help screen relevant to the section of the program being used. This can be activated at any time, from any part of RESIN.

### Colour Setup

If you are using a colour monitor or if the program detects colour hardware then the colour selection procedure will take place. This will be a part of each startup. The initial screen appears as below:

```

Press F1 for HELP          RESIN - COLOUR SETUP PROCEDURE

    You may select whichever colour setup is most pleasing or
    appropriate to your monitor. All setups may be tried. The
    one accepted will be used until the program is restarted

    Current setting is 1

    ----- COLOUR OPTION MENU -----
    =====
    1 .. MONOCHROME
    2 .. COLOUR OPTIONS A
    3 .. COLOUR OPTIONS B
    4 .. COLOUR OPTIONS C
    5 .. COLOUR OPTIONS D
    =====
    ACCEPT CURRENT OPTION

    SELECT THE COLOUR SET UP YOU DESIRE
  
```

The initial setup will be monochrome. To see the alternatives simply move the highlight with the arrows and press <ENTER>, or press the number of the option to be viewed (1 to 5). You may try all options to see which is most suitable.

Select <ACCEPT CURRENT OPTION> and press <ENTER> or press <A> when satisfied with the colour setup. This will be used until the program is restarted.

### Setting Home Station

If RESIN is being run for the first time at a station then the program will run an installation procedure identifying the home station before the main section begins. The procedure is also followed if you choose to change the home station from the Backup and Maintenance Menu (page 19).

A list of station names appears from which you select your home station. Place the highlight over your station and select it by pressing the F2 key. If your station is not listed then press <ESC>. You will be given a box in which to type it in. You will be asked to confirm your selection. The station name you select will be displayed on the Main Menu.

RESIN INSTALLATION PROCEDURE	STATION
Highlight your Station and Select it by Pressing F2. Press Pg Up and Pg Dn to view more Stations. Use Up and Down Arrows to position Highlight.  If your Station is not listed Press ESC.	ABSENT-ON LEAVE ALBANY BUNBURY BUSSELTON COLLIE DWELLINGUP ESPERANCE EXMOUTH GERALDTON GOLDFIELDS GREENOUGH HARVEY JARRAHDALE KARRATHA

### Main Program

The Main Menu is displayed. From here the program can be used to Select a file to work on, assign or recall resources from Commitments, or carry out Backups and system Maintenance. The Main Menu also allows you to return (Quit) to the operating system (DOS). On the bottom line of the screen a short message is displayed to explain what the highlighted option represents.

The four other options; Add New Records, Display/Edit, Filter and Print are not accessible until a file has been Selected.

Press F1 for HELP	Dept. of CALM RESIN - RESOURCE INVENTORY BUNBURY
	===== MAIN MENU ===== Select File ----- Add New Records Display/Edit Records Filter Records Print Records ----- Commit to FRRS Files ----- Backup & Maintenance ----- QUIT
	Choose file for operation

### Select Data File

Highlight <SELECT File> and press <ENTER> or type <S> at the Main Menu. A second menu will appear alongside the first. This menu lists the database files available for selection.

```

===== FILES =====
Staff
Employees
Vehicles
Plant
Equipment

No Selection

```

You can highlight and press <ENTER> to select an option or press the first letter of your choice. Once a selection has been made this menu is cleared and the Main Menu reappears. Choosing <No Selection> returns you to the Main Menu without a file being selected. If a file is selected then a box appears on the left side of the screen showing the choice.

eg.

```

Current Database:
wwemp.dbf - EMPLOYEE file

```

With a file selected all options on the Main Menu become available.

### Adding Records

Select <Add New Records> at the Main Menu. The layout of the entry screen will depend upon the file selected but all follow a similar pattern. Upon entry the cursor is placed in the first field of the screen. You must enter the relevant data pressing <ENTER> to continue to the next field.

```

Press F1 for HELP
                                RESIN
                                Employee Database
                                Last Update: 05/07/90

Surname: _____ First Name: _____
Address: _____ Town: _____
Postcode: ___ Phone No.: _____ Callsign: _____
District: _____ Workcentre: _____
Date of Birth: __/__/__ Classification: _____
Normal Crew: _____
Medical Conditions: _____

Press Enter in the last field, or Pg Dn to complete entry of details.
Press F2 to enter Fire Organisation Capability Details.

```

Pressing <PG DN> at any time or <ENTER> in the last field will complete entry for that record.

If the selected file also has fire role or attachment fields then you will be given the option of entering those details. To enter these details press the F2 key. The new screen will then appear.

Details are entered by pressing the code letter for the skill or attachment, and for skill codes a level for that skill. To return to the previous screen press <F2>.

```

F1 = HELP          Crew Roles for
Code  Role                Level      Code  Role                Level
A  Crew Leader
B  Driver 2WD
C  Driver 4WD
D  Driver Gang Truck
E  Driver Heavy Duty
F  Driver Low Loader
G  Dozer, Small
H  Dozer, Large
I  Wheel Loader
J  Tractor
K  Grader
L  Pump Operator
M  Hoseman
N  Chainsaw Cross-cut
O  Chainsaw Faller Jarrah
P  Chainsaw Faller Karri
Q  Chainsaw Faller Pine
R  Storeman
S  Mechanic
T  Basic Fire Training
U  Map Reading
V  Hand Tool Crew
W  Cook
X  Fitness
Y  Tower
Z  First Aid

Enter the Code for the Role you wish to alter _

Press F2 when finished altering Codes.

LEVELS ARE:
3.....Experienced
2.....Satisfactory
1.....In Training
SPACE..Not Relevant

```

When you finish entering details for the record a box will appear asking you if you wish to add another new record.

```
Do you wish to add another new record?<Y/N> Y
```

Pressing <Y> and/or <ENTER> will present a new blank entry screen and the process is repeated. Pressing <N> and <ENTER> will return you to the Main Menu.

### Displaying and Editing Records

Select <Display/Edit Records> at the Main Menu. After a short delay a new screen will appear in which a number of records are displayed under a series of headings. One line is used for each record. Below this box are a number of instructions which explain how to use the Display/Edit screen.

```

Press F1 for HELP          wwemp.dbf - EMPLOYEE file

```

D	SURNAME	FIRST_NAME	MED	AGE	PHONE	CALLSIGN	CREW_NAME
	ACHEBE	CHINUA	*	19	097-459021		CUV 42
	ALCOTT	LOUISA		20	097-459274		CUV 32
#	ALDISS	BRIAN		35	097-567888		MOO 32
	ALTHER	LISA		24	097-459410		CUV 33
	AMIS	KINGSLEY		48	097-312450		PAK 39
	ANDERSON	HANS		31	097-567613	MOO 31	MOO 31
	ASIMOV	ISAAC		30	097-459012		CUV 51
	AULS	JEAN		49	097-671050	BIR 32	BIR 32
#	AUSTIN	JANE		27	097-567935	MOO 32	MOO 32

```

Use Arrows, Pg Up, Pg Dn, Home and End to move the Highlight.
Press F2 to EDIT the Highlighted record.
Press F3 to Search for records, F4 to Mark Records for DELETION
Press F5 to view Highlighted record.
Press F6 to view Fire Role details.
Press ESC to Exit to the Main Menu.

```

DISPLAY/EDIT records in selected file.

The first field on the screen has the heading "D". A "#" against the name shows that the record is marked for deletion. This and the next two fields displayed on the screen, in this case SURNAME and FIRST\_NAME, are locked in place. This means that if you repeatedly press the right arrow or End that you will still be able to identify which record you are on. (The MED field in the Staff and Employee database files show an asterisk (\*) for those records in which an entry has been made in the Medical Condition field.)

When you have finished using the Display/Edit screen you return to the Main Menu by pressing <ESC>.

### Editing Records

The F2 key selects the record which the highlight is currently on for editing. It does not matter which field of that record is highlighted. The editing screen is identical to that used in adding new records, except that the fields already contain data. If the record is marked for deletion then a "Marked for Deletion" message will appear in the top right hand side of the screen.

Press F1 for HELP		RESIN	
Employee Database		Last Update: 05/11/90	
Surname: HELLER	First Name: JOSEPH		
Address: 22 CATCH STREET	Town: CUVRUP		
Postcode: 6444	Phone No.: 097-459783	Callsign: CUV 31	
District: CUVRUP	Workcentre: CUVRUP		
Date of Birth: 01/01/60	Classification:		
Normal Crew: CUV 31			
Medical Conditions: FOOT PROBLEMS, NOT FOR HAND TOOL CREW			
<div style="border: 1px solid black; padding: 5px;">           Press F2 to enter Fire Organisation Capability Details.            Press Enter in the last field, or Pg Dn to complete entry of details.         </div>			

Again, if Fire Role or Attachment details exist then you will be given the option of editing them. This is done in the same manner as in Adding Records, by pressing the F2 key. When the editing is completed you will be given the option of retaining the changes that you have made to the record, or abandoning the changes. This allows you to avoid re-entering details if you have made an error whilst editing.

Do you wish to save these changes? <Y/N> Y
--

Press <Y> and/or <ENTER> to save the changes or <N> and <ENTER> to abandon them. Either way you will now be returned to the Display/Edit screen.

### Searching for Records

The F3 key allows you to search for specific records. The first three characters of the first field displayed on the Display/Edit screen are used for the search. That is the first three characters of surname for Staff and Employees, the first three characters of the registration for Plant and Vehicles, and the first three characters of identifier for Equipment.

Enter the first three characters of the name you wish to find in SURNAME _____
--

Enter the characters you wish to search for and press <ENTER>. The first record matching the three characters you entered or the one closest to it will be highlighted.

### Marking Records for Deletion

To mark the highlighted record for deletion from the Display/Edit screen press the F4 key. A box will appear prompting you to either MARK the record for DELETION or to REMOVE the DELETION TAG from the record, depending on the current deletion status of the record.

```
Mark this record for Deletion? <Y/N> Y
```

```
Remove the Deletion Tag from this record? <Y/N> Y
```

The first field, headed "D" displays a "#" when the record is marked for deletion. The deletion tag is also shown when the F5 key is pressed. If the record is marked for deletion then a message in the top right hand corner of the display screen will state so (see Displaying Individual Records below). Note that a record marked for deletion will remain in the file until it is removed. This can only be done when you exit from the Display/Edit screen. (See Removing Records Marked for Deletion on page 9)

### Displaying Individual Records

In the Display/Edit screen you are unable to see all the fields of a individual record at once. To overcome this the F5 and F6 keys are used.

Pressing the F5 key displays the details of the currently highlighted record. This screen uses the same format as the entry screen used in adding or editing data. It is a view only screen that does not allow any changes to be made, and by pressing any key you return to the Display/Edit screen.

If the record contains Fire Roles or Attachments then the F6 key can be used to view them. (If these are not used, as in the Vehicle file, then the F6 key is disabled.) Again it is a view only screen, and pressing any key returns you to the Display/Edit screen.

### Removing Records Marked for Deletion

When you press <ESC> to return to the Main Menu from the Display/Edit screen the program checks to see if any records are marked for deletion. If there are then you will be presented with the option of permanently removing all records so marked.

```
Do you wish to remove records marked for DELETION?
<Y/N> N
```

Press <Y> and <ENTER> to remove the records, press <N> and/or <ENTER> to leave the records intact.

If you choose to remove the records you then have the option of confirming each one's deletion individually. This means that every record marked for deletion will be displayed and your decision prompted.

```
Do you wish to confirm each record before it is deleted?
<Y/N>
```

If your response is <N> for no confirmation then the marked records will be removed. If you enter <Y> then each record is offered for retention or removal.

```

Delete      SMITH      JOSEPH
  <Y/N>     Y

```

Records which you decide not to delete will have the deletion tag removed, all others are permanently erased from the file. You will be informed of the number of records being removed from the file whilst the process is taking place.

If you entered <N> at the option of removing all records marked for deletion then you will be given the option of removing the deletion tags from all the records.

```

Do you wish to UNMARK all records marked for DELETION?
  <Y/N>     N

```

Press <Y> to remove the deletion tags, press <N> or <ENTER> to leave the deletion tags intact.

Note that records can only be removed permanently from the file by this process; that is after pressing <ESC> from the Display/Edit screen.

### Filtering Records

Filtering allows you to restrict the records viewed in the Display/Edit screen

Select <Filter Records> at the Main Menu. You will be presented with a menu of field choices that you can filter the records on. Place the highlight over your choice and press <ENTER>. (Note: the <RESTART FILTER> option clears any conditions you have established up to that point and allows you to start again, whilst the <TURN FILTER OFF> option clears any filter conditions and returns you to the Main Menu.)

```

=== FIELD CHOICES ===
Surname
Town
District
Workcentre
Classification
Medical Condition
Age
Normal Crew
Commitment
Fire Roles
RESTART FILTER
TURN FILTER OFF

```

In most cases you will then see the OPERATOR menu. This lets you choose whether you wish to retain records containing instances of the chosen field equal to (=), greater than (>), greater than or equal to (>=), less than (<), less than or equal to (<=), or not equal to (#) a field value. For letters "A" is considered to be less than "B", eg, BUNBURY is less than BUSSELTON. The # operator is useful when you wish to exclude a certain group of records, eg, Commitment # "UNCOMMITTED" will leave only records that have been committed to some station. Select the operator which satisfies your condition.

== OPERATOR =	
=	- equal to
>	- greater than
>=	- greater than or equal to
<	- less than
<=	- less than or equal to
#	- not equal to

If you have selected a FIELD CHOICE in which there are options within the current file then a list of the file's values for that field will be displayed. To select the field value you want place the highlight over your selection and press F2. Use the Pg Dn, Pg Up and arrow keys to search for the appropriate choice.

SURNAME
JONES
MCARTHUR
MORRIS
SMITH
SMYTHE
SMYTHE

Press F2 to choose a SURNAME to filter on,  
or ESC to TYPE a choice.

If you do not see a field value that is appropriate, for instance you want all surnames after the letter F, then by pressing <ESC> a box will appear in which you can enter the value you want to filter on. Similarly for fields such as Age an entry box is provided for direct entry of the field value. (Some Field Choices such as Fire Roles and Medical Conditions have different means of filter selection. Read the instruction on the screen when using these options.)

At this stage another menu will appear, called the LINKER. This allows you to construct compound conditions such as:

all people with surnames after F, AND are older than 30.

all people with surnames after F, OR are older than 30.

As you can see the AND and OR conditions are quite different in their effects. If you select AND or OR you will go back to the FIELD CHOICES menu and proceed through the process again.

Filter records in wwemp using specified conditions.		
<pre> == FIELD CHOICES == Surname Town District Workcentre Classification Medical Condition Age Normal Crew Commitment Fire Roles RESTART FILTER FILTER OFF           </pre>	<pre> == OPERATOR = = &gt; &gt;= &lt; &lt;= #           </pre>	<pre> ===== LINKER ===== AND OR No More Conditions           </pre>

If you select <No More Conditions> the filter will be activated on the basis of what you have entered, the filter screen will be erased, and you will return to the Main Menu. If the filter condition is met by one or more records in the active file then only those records will be available in the Display/Edit and Print options. If no records satisfy the condition then the filter will be deactivated and all records will be available.

If the filter is activated then a message will be displayed in the top right corner of the screen. Halfway up the left side of the screen is a box stating that the filter condition can be displayed by pressing the F9 key.

```
Filter ON
Press F9 to view
Filter condition
```

Note: The meaningfulness of the filter condition will vary with the fields used. The condition displayed is what is being used by the computer and is not written in plain English.

If during editing of records you alter the contents of the field which you set the filter on so that it no longer satisfies the Filter condition, that record will not be available in the Display/Edit and Print options until the Filter is deactivated.

If you alter all the records which met the Filter condition so that they no longer do so, then a message will appear after the last record is altered informing you that no records meet the Filter condition you set. The filter will then be deactivated, and the Main Menu redisplayed.

### Printing Records

Select <Print Records> from the Main Menu. You will be presented with a box which will list the printing alternatives. Depending on the file which is currently active there may be one or two types of print-outs available. If there is only one alternative then pressing the number <1> and <ENTER> will initiate the printing process. Where there are two types there will be three alternatives. These are to print out either one of the formats or to print both. These alternatives are represented by selecting numbers <1>, <2> or <3>. To leave the Print Menu without printing anything press <ENTER> without selecting a number. (For examples see Sample Print-outs page 27.)

If you do select a number ensure that the printer is turned on, is online and that there is paper in it. Otherwise the program will generate an error and the selection process will have to be repeated.

```
PRINT 1 ... Personal Details
      2 ... Fire Role Details
      3 ... Both
Enter your choice <1-3> or press <ENTER> to leave menu. _
```

Note: The program assumes that Epson LQ printer codes apply. If this is not the case the results are unpredictable. To overcome this see Suppressing/Resetting Printer Codes, page 19. The paper size assumed by RESIN is 11 inches (27.94 cm) in length. Continuous paper of different lengths will result in alignment difficulties. Bin feeders using A4 paper should not experience problems.

### Commitment of Resources

This section deals with the commitment of resources to a particular station, be that the home station or some other. The commitment may be to a fire or for any other reason. Within this section you can send and receive listings of committed resources by a variety of means. This capability for access to details of resources sent from other stations is particularly useful when operating the Fire Resource Recording System (FRRS).

Select <Commit to FRRS Files> at the Main Menu. The initial screen will appear providing the following options: Assign Resources, Display Assignments, Recall Resources, Import Resources and Finish.

Press F1 for HELP	<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;"> <p>RESIN</p> <p>FRRS FILE CONTROL</p> </div>	
<p>Select to ASSIGN Resources to a Station,          DISPLAY Resource Commitments,          RECALL Resources from Commitments,          IMPORT Resources from other Stations,          RESEND Resource Data via Network, or FINISH.</p>		<div style="border: 1px solid black; padding: 5px;"> <p>FRRS FILE CONTROL</p> <hr/> <p>ASSIGN Resources</p> <hr/> <p>DISPLAY Assignments</p> <hr/> <p>RECALL Resources</p> <hr/> <p>IMPORT Resources</p> <hr/> <p>RESEND Data</p> <hr/> <p>FINISH</p> </div>

- |                   |  |
|-------------------|--|
| Assign Resources  | This option is used when you are sending resources from your station to another. You will nominate where you are sending resources and pick the resources to be sent from lists.     |
| Display Resources | This option displays the numbers of resources by type you have sent to other stations.   |
| Recall Resources  | This option is used when resources return from commitments elsewhere, once recalled they can then be assigned again.   |
| Import Resources  | After stations have assigned resources to you this option is used to bring the resource information into your computer.  |
| Resend Resources  | When you assign resources you can choose to send the information via the network. The network can sometimes be unavailable and this option allows you to try to send it again later. |

#### Assign Resources

Select <ASSIGN Resources> at the FRRS Menu. A list of stations will be displayed on the right hand side of the screen. Place the highlight over the station you are sending resources to and press the F2 key. If the station is not listed press <ESC> and type in the station name.

The creation of new station names is useful when a district has resources committed to more than one fire at a time. Give each fire a name and commit the resources to that instead of the district name. Resources sent to that district will have to have their commitment changed from the district name to the fire name. At the end of the fire remove the fire name from the list (see Alter Home Station / Delete Station Names page 19).

STATION
ALBANY
BUNBURY
BUSSELTON
COLLIE
DWELLINGUP
ESPERNANCE
EXMOUTH

Once you have selected the station you will be asked to confirm your choice. The File Selection Menu will then appear. From it you select the type of resource to be sent.

```

===== FILES =====
Staff
Employees
Vehicles
Plant
Equipment

No Selection
  
```

When the file type is determined a list of individual resources available will be displayed. Resources already committed will not be available for selection. Mark those people or items you wish to commit to the station by pressing the F2 and ENTER keys. An asterisk (\*) will be displayed against the resources you have marked for selection in a column labelled "X". If you change your mind about a selection you can remove the mark by pressing F2 and ENTER again. The asterisk will disappear. You can select all resources by pressing the F3 and Pg Up keys, then deselect those you don't wish to send with the F2 and Enter keys.

For the Employee file Crew names are included as part of the selection list. If you wish to change the name of the crew the person is working in you can do this by pressing F5. You then enter the new crew name, and press <ENTER>. The new crew name will then appear.

When you select a Vehicle by pressing F2 the current driver for that vehicle will be displayed. If you are sending someone else in that vehicle type in the new driver's name. If the name is correct leave the entry area blank. Then press <ENTER>.

Note that changes to crew names and vehicle drivers need to be manually changed back (edited) after the commitment is released.

RESIN		ASSIGNing Resources			
FRRS FILE CONTROL		SURNAME	FIRST_NAME	CREW	X
Current Database: wwemp.dbf - EMPLOYEE file		MICHENER	JAMES	BIR 31	
Press F2 and ENTER to Mark or Unmark Employees to Send to BUSSELTON. Press F3 and Pg Up to Mark ALL Resources. Selected resources will show an "*"		BACON	FRANCIS	BIR 31	
Press F5 to change the crew designation. Press ESC when Selections Completed.		VONNEGUT	KURT	BIR 31	
		POURNELLE	JERRY	BIR 31	
		ELIOT	THOMAS	BIR 31	
		PYNCHION	THOMAS	BIR 41	*
		DICKENS	CHARLES	BIR 41	*
		FRANKLIN	MILES	BIR 51	
		SWIFT	JONATHON	BIR 32	
		MELVILLE	HERMAN	BIR 32	
		KAUFMANN	BEVERLY	BIR 32	
		AULS	JEAN	BIR 32	
		DONNE	JOHN	BIR 42	*

When you have finished selecting resources for commitment press <ESC>. All those resources marked with an asterisk will be committed to the chosen station.

A new box will appear asking you how you wish to send the data to the chosen station. Three options exist: Via the CALM network, onto floppy disk and print-out. You select your choice by pressing the appropriate number <1-3>. Each time you make a selection you will return to this box. You may select one, two, three, or none of the options. To leave the menu press <ENTER> without selecting a number.

It is advised that you ALWAYS opt to get a printout of the selections you have made. This can then be used for sending as a FAX if all other means of transmission fail.

```

Send this data to BUSSELTON
  1 ... Via Network
  2 ... Via Floppy Disk
  3 ... Via Hard Copy (print-out)
Choose 1-3, or press <ENTER> to leave menu.
  
```

1. Network. If you choose to send resource data by the Network the program will wait until you have finished designating records from all resource types and have chosen <No Selection> at the File Selection Menu (page 14) before it sends the data. Do not press any keys whilst the data transfer process takes place. If the transfer process fails, for instance if STEM is down when you attempt to send the data, you can try again later (see Resending Resource Commitment Data page 17) or send the data manually on the Data Transfer computer. (See Manual File Transfer page 25.)
2. Floppy Disk. If you select <Floppy Disk> for transfer you will be prompted to nominate the disk drive you are using, and to place a disk in that drive. The files will then be copied onto the disk. Make sure that the disk you use is correctly formatted and is not already full.
3. Hard Copy. If you select <Hard Copy> the Print Options menu of the database you made selections from will be displayed. The details of this menu are given on page 12.

Once the data has been sent, copied and/or printed the File Selection Menu will reappear and another resource type can be selected. When all resources being sent to that station have been committed then select <No Selection> and you will return to the FRRS Menu.

Note that if you elected to send data via the Network this transmission will take place before the FRRS Menu is redisplayed.

### Display Assignments

Select <DISPLAY Assignments> from the FRRS Menu. A box will appear listing the stations to which resources have been committed and how many of each type are committed to each station.

Committed to	Staff	Employee	Vehicle	Plant	Equipment
ALBANY	1	0	1	0	0
ESPERANCE	0	5	2	1	2
KIRUP	3	0	2	0	1

Press any key to continue ...

Press any key to clear this box and return to the FRRS Menu.

### Recall Resources

Select <RECALL Resources> at the FRRS Menu. You will be asked whether you wish to recall ALL resources from ALL stations. If you enter <Y> then all commitments will be restored to "UNCOMMITTED" and you will be returned to the FRRS Menu. If you enter <N> then you will see a new screen which will allow you to select the station you wish to recall resources from. Select the station by highlighting it and pressing the F2 key.

Highlight the Station you are Recalling Resources from.  
 Select it by Pressing F2.  
 Press Pg Up and Pg Dn to view more Stations.  
 Use Up and Down Arrows to position Highlight.  
 Press ESC to exit without a selection.

STATION
ALBANY
ESPERANCE
KIRUP

You will be asked whether you wish to recall all resources types from that station. If you enter <Y> then all records of all types will be recalled. If you enter <N> then the File Selection Menu will appear to allow you to select the resource type you wish to recall. Select the appropriate file.

Now a list of the individual resources committed to the selected station will be displayed. Highlight the individual resources you wish to recall and press the F2 and ENTER keys. An asterisk (\*) will appear against that resource in a column headed "X". You can remove the selection mark against a resource by pressing F2 and ENTER again.

If you wish to recall all of the resources of that type from the selected station press the F3 and Pg Up keys. All resources will then have the asterisk mark against them. (When you wish to recall most resources from a station it may be quicker to mark all of them by pressing F3 and Pg Up, then removing the marks from those individuals you wish to remain committed by pressing F2 and ENTER.)

When you have finished marking resources for recall press the <ESC> key. All those resources marked with an asterisk will have their commitment status returned to "UNCOMMITTED". You will then return the the File Selection Menu.

From the File Selection Menu you can either select another file to recall resources from or return to the station list by selecting <No Selection>.

If there are any resources still committed you may select another station from the station list and continue to recall resources, or return to the FRRS Menu by pressing <ESC>. If no resources remain committed you will automatically return to the FRRS Menu.

### Importing Resources from other Stations

Select <IMPORT Resources> at the FRRS Menu. A list of stations that you could be importing resources from will be listed. Highlight the appropriate station and press F2. Then confirm your selection.

You will then be asked by which means the information is to be imported; Network, Floppy disk or already loaded on the Hard Disk. Enter the appropriate number from 1 to 3.

<p>Collect the resource data from</p> <p>1 .. Network Computer</p> <p>2 .. Floppy Disk</p> <p>3 .. Already on Hard Disk</p> <p>Enter the method of resource data collection &lt;1-3&gt;</p>
---

Press <ENTER> only to abandon IMPORT.

1. Network Computer. If you are receiving resource data from the Network then enter <1>. You will be instructed not to press any keys during the transfer process. (If the transfer process is unsuccessful you can attempt to do the file retrieval manually on the Data Transfer computer, and then import them via the Hard Disk option. See Manual File Transfer page 25.)
2. Floppy Disk. If you selected <2> for floppy disk transfer you will be asked which disk drive you are putting the disk into. Answer either <A> or <B>, then press a key to commence the transfer.
3. Already on Hard Disk. For transfer from the hard disk the required files must already be present in the C:\RESIN directory.

Whichever means is used the computer will attempt to append the incoming data to the existing data files. The new records can be viewed and used in the same manner as records entered manually. If the incoming file is not located an error message will be displayed instructing you that the file was not found.

If you import information which already exists in your files the program will automatically delete the new duplicate records. The registration field is the one used to check for uniqueness in Vehicles, Plant and Equipment, and for Staff and Employees it is surname, first name and date of birth.

When the file transfer process is completed you will be returned to the FRRS Menu.

Note that in each case the imported files will be automatically erased from the Hard Disk after the contents have been added to your files.

### Resending Resource Commitment Data

Select <RESEND Data> from the FRRS Menu. A list of stations that currently have resources committed to them will be displayed. Highlight the one you wish to resend data to and press the F2 key. You will be asked to confirm your selection. The computer will then attempt to access the Network and transfer all the existing files on disk that relate to that station onto the Document Transfer computer.

If you decide not to Resend the Commitment Data press <ESC> without selecting a station.

At the end of the transfer process you will be returned to the FRRS Menu. If the attempt is not successful you can try again.

Note that the files you create in Assign Resources will stay on disk until you remove them. See Clearing FRRS Files page 20.

### Exiting FRRS File Control

To return to the Main Menu select <FINISH> from the FRRS File Control Menu.

### Backup and Maintenance

Select <Backup & Maintenance> from the Main Menu. A new screen will appear with the Backup and Maintenance Menu. Depending on whether or not you have a file selected at the main menu some options will not be available.

Press F1 for HELP

RESIN  
BACKUP AND MAINTENANCE

== Backup - Maintenance Menu ==

-----  
BACKUP Data to Floppy Disks  
RESTORE Data from Floppy Disks  
ALTER Home Station  
SUPPRESS/RESET Printer Codes  
DELETE All Records  
CLEAR FRRS Files  
-----

EXIT to Main Menu

### Backing up data

Backups should be done regularly to avoid costly data loss. You should have two backup disks and do your backups on them alternately.

Select <BACKUP Data to Floppy disks> at the Backup Maintenance Menu. A box will appear in which you must enter the floppy disk drive that you are using for the backup; either drive A: or B:. Enter either <A> or <B>. If you press <ENTER> you will return to the Backup Maintenance Menu.

```
Indicate the floppy disk drive you wish to BACKUP to <A or B>.
Press <ENTER> only to abandon BACKUP
```

When you enter either <A> or <B> a new box will appear querying that you wish to continue the backup. Enter <Y> to continue, <N> to abandon the backup and return to the Backup Maintenance Menu.

```
Are you sure you wish to proceed with this BACKUP? Y
```

You will be instructed to insert a formatted floppy disk into the drive you nominated, and then press any key to commence the backup. It is best that the disk not contain any other files, or that it be a disk you have used to back up files previously. The new backup will overwrite the contents of previous backups.

```
Insert a formatted floppy disk in drive A:
Press any key to commence BACKUP ...
```

You will be informed of the backup process taking place and instructed to press a key to continue during the process. When the backup is completed you will see a message displayed. Press any key to return to the Backup Maintenance Menu.

Note 1: Backup is unavailable if a file is selected at the Main Menu.

Note 2: Both Backup and Restore options use the DOS COPY command rather than the DOS BACKUP and RESTORE commands.

### Restoring Data

Select <RESTORE Data from Floppy Disks> at the Backup Maintenance Menu. A box will appear in which you must enter the floppy disk drive that you are using for the restore; either drive A: or B:. Enter either <A> or <B>. If you press <ENTER> without entering a letter you will return to the Backup Maintenance Menu.

```
Indicate the floppy disk drive you wish to RESTORE from <A B>.
Press <ENTER> only to abandon RESTORE
```

When you enter either <A> or <B> a new box will appear querying that you wish to continue the restore. Enter <Y> to continue, <N> to abandon the restore and return to the Backup Maintenance Menu.

```
Are you sure you wish to proceed with this RESTORE? Y
```

You will be instructed to insert the backup floppy disk into the drive nominated, and then press any key to commence the backup. The files on the hard disk will be overwritten by the ones from the backup disk.

```
Insert the backup disk in drive A:
Press any key to commence RESTORE
```

You will be informed of the restore taking place and instructed to press a key to continue during the process. When the restore is completed you will see a message displayed. Press any key to return to the Backup Maintenance Menu.

Note 1: Restore is unavailable if a file is selected at the Main Menu.

Note 2: Both Backup and Restore options use the DOS COPY command rather than the DOS BACKUP and RESTORE commands.

### Alter Home Station / Delete Station Names

Select <ALTER Home Station> at the Backup Maintenance Menu. A screen with the choice of Changing Home Station or Deleting Station Names will be presented. Press <ENTER> only to exit from this without making a selection.

Change Home Station or Delete Station name

Home Station is currently BUNBURY

Do you wish to

- 1 ... Change the Home Station
- 2 ... Delete Stations from the list  
or press ENTER only to exit

Enter your choice <1/2>

If you select "1" the installation screen will appear. Follow the same procedure as described in the "Setting Home Station" section (page 4). When you have completed the change you will be returned to the Backup Maintenance Menu.

If you select "2" a list of the station names will be presented to you. Highlight the one you wish to delete and press F2. You will be asked to confirm the selection. If you select the home station you will be informed that you cannot delete that station. Continue to delete stations in the same way until you have selected all you want to remove. Then press ESC. The selected station names will be removed and you will be returned to the Backup Maintenance Menu.

If you choose not to delete any station names then simply press <ESC> without making a selection.

### Suppressing/Resetting Printer Codes

RESIN is set up for use on printers that use the Epson LQ escape codes for controlling printer functions. It is possible to turn off the Epson specific commands, so that other printer types can run properly.

Select <SUPPRESS/RESET Printer Codes> at the Backup Maintenance Menu. A box will appear explaining the effects of altering print codes. When the codes are set for Epson LQ printers, then print-outs will use condensed print, bold and enhanced type. If your printer is not an Epson LQ, or does not use the Epson LQ escape sequences then the print-outs could look quite different to how they should and be unacceptable. If the print-outs produced by your printer are not satisfactory enter <Y> at the prompt. Print-outs will now use normal print size and density, but will require wide paper. If your printer cannot use wide paper then you will have to manually set the print size to condensed. You will have to consult the printer's user manuals to determine how to achieve this. If you decide to leave the Epson printer codes in place enter <N>. Having made an entry you will be returned to the Backup Maintenance Menu.

Do you wish to turn off the Epson printer codes?  
 If you do so you will require wide paper in your printer,  
 and headings will not be in bold or enhanced type.  
 Enter your choice <Y/N> \_

To reset the Epson printer codes simply select <SUPPRESS/RESET Printer Codes> at the Backup Maintenance Menu again. Then at the prompt enter <Y> and the codes will be reset. If you decide to leave the Epson codes suppressed then enter <N>. Having made an entry you will be returned to the Backup Maintenance Menu.

Do you wish to reset the Epson printer codes for condensed  
 print, and bold and enhanced type?  
 Enter your choice <Y/N> \_

### Deleting All Records in Display/Edit View

Select <DELETE All Records> at the Backup Maintenance Menu. The display below will appear:

Do you wish to DELETE ALL records currently available  
 in the DISPLAY/EDIT option of the EMPLOYEE file?  
 (You can limit the extent of the deletion by setting  
 a filter condition.) <Y/N> \_

The records displayed in the Display/Edit option can be restricted by setting a filter (see Filtering Records page 10). Then when a general deletion is required, such as when resources from another district are released, the filter can be set to show only those records. If you do not wish to make a general deletion press <N>, if you do press <Y>.

This will DELETE ALL records in the EMPLOYEE file.  
 Are you sure? <Y/N> \_

If you press <Y> you will be prompted if you are sure you wish to delete all viewed records. Press <Y> to proceed. Then you will be instructed that to remove all the records marked for deletion you should enter the Display/Edit screen and exit it by pressing <ESC>. Procedures for removing records as described on page 9 should then be followed.

ALL records are now Marked for DELETION. To remove them  
 permanently use Display/Edit. Select Display/Edit and  
 then exit by pressing <ESC>. Records marked for DELETION  
 will then be removed. Press any key to continue...

Note: This option is available only if a file is selected at the Main Menu.

### Clearing FRRS Files

This will erase all the temporary files created by Assigning and Importing in the <Commit to FRRS Files> section of RESIN.

Select <CLEAR FRRS Files>. You will be asked if you are sure you wish to erase these files. Press <Y> to erase the files, <N> to retain them on the Hard Disk.

Erase OLD files created in Commit to FRRS Files. <Y/N> \_

Erase files after resources have returned from their commitments. By leaving commitments on disk until they return you are able to resend the data to the receiving station if necessary.

#### **Exiting the Backup Maintenance Menu**

To exit the Backup Maintenance Menu select <EXIT>. You will now be returned to the Main Menu.

#### **Quitting RESIN**

Select <QUIT> at the Main Menu. The screen will clear and you will be returned to the operating system (DOS).

#### **Error Messages**

Although a lot of effort has gone into preventing errors that will give unexpected results or cause program failures, procedures have been included that cope with both user and program errors.

There are two main type of error messages used in RESIN. The first is generated when a function key (F1 to F10) is pressed incorrectly. A box appears briefly on the screen stating that an error has occurred and that an invalid key has been pressed. A short series of beeps also sounds to ensure that the user is aware of the error.

ERROR  
Invalid Key

The second error message relates to more serious errors. These are errors which the program cannot fix internally and cause the program to finish unexpectedly (or "crash"). A different series of beeps announces that the error has occurred. The message displayed this time gives some indication of the type of error by displaying the error number. It is important that you record this number and what you were doing when the error occurred so that the program can be altered to prevent it happening again.

Error, error number is \_\_  
Note the error number and what you were doing when it  
happened. Then contact David Rawet at Bunbury.  
The program will finish when you press a key.

Naturally it is hoped that this error message is never encountered by users. However, if it is, correct action will result in the error being eliminated from future versions of RESIN.

## NOTES ON DATABASE FILES

### General

- District:** In Districts the District name is entered, in Regional centres the Region's name. For non-CALM organisations information regarding the organisation can be entered, eg. company name.
- Workcentre:** In Districts such as Busselton where a number of workcentres are used (viz. Busselton, Ludlow and Margaret River) the Workcentre field distinguishes between these. Where the District headquarters is the only workcentre the district name is used. In Regional centres the Workcentre field can be used to designate the section of the centre, eg. Inventory, Wildlife or Fire Protection. For non-CALM organisations Workcentre can be used for identification details that were not included in the District field.
- Callsign:** The three letter code specified for the District, Region or Branch (see District, Region and Branch Codes, page 26) should be used followed by a space and the relevant number. Eg. KIR 14 for Kirup 14, and NFR 5 for Northern Forest Region 5. For areas or callsigns not included in this list, the first three letters of the name, or some other mnemonic of three letters should be used. Ensure that the code is not already being used by some other centre.
- Rego:** The Registration field for Vehicles and Plant, and the Identifier field for Equipment is the key field for indexing these files. No spaces are allowed within this field. This ensures consistent indexing, print-outs and searches.
- Commitment:** This field is automatically set to UNCOMMITTED when a new record is created. The actual commitment shown is dependant on what station the resource was Assigned to in the COMMIT to FRRS files section of RESIN.

### Staff File

Surname	surname of person
First Name	first name of person
Date Of Birth	date of birth of person
Address	residence, number & street
Town	residence, name of town
Postcode	residence, postcode
Phone	residence, phone number
District	name of district or region
Workcentre	name of workcentre
Class	work classification
Callsign	radio callsign
Fire Roles	fire control capabilities
Medical Conditions	description of medical ailments

The Fire Roles are taken from the CALM Fire Suppression Organisation Booklet (November 1987). These will be revised when the Australian Inter-Service Incident Management System (AIIMS) comes into force in late 1991.

Fire Roles should only be entered for which the individual has current skill levels, an experienced person who has not been a controller for 10 years should not be automatically given a rating of 3. That a person was a sector boss before he became a fire boss and controller does not mean that he still has the particular skills necessary to be a sector boss.

Employee File

Surname	surname of person
First Name	first name of person
Date Of Birth	date of birth of person
Address	residence, number & street
Town	residence, name of town
Postcode	residence, postcode
Phone	residence, phone number
District	name of district or region
Workcentre	name of workcentre
Class	work classification
Callsign	radio callsign
Crew Name	name of usual crew worked in
Fire Roles	fire control capabilities
Medical Conditions	description of medical ailments

The crew name is the name of the crew that the individual is usually in for fire fighting purposes, not everyday work. For those who work on a Gang Truck the designation should be a Gang Truck number ie. one in the 30's. For Heavy Duty crews the number should be in the 40's, for plant operators in the 50's etc. These crew names should coincide with the callsign of the crew leader. For instance the crew of a gang truck who work under KIR 31 should be designated as KIR 31 crew. The crew leader also has this crew name. Only give the crew leader the callsign designation, however. This will ensure that crews are grouped together in print-outs.

Fire Role details are designed to cover as many of the common roles undertaken by employees as possible.

Vehicle File

District	owning district or region
Workcentre	relevant workcentre
Driver	usual driver
Make	make of vehicle
Model	model of vehicle
Registration	vehicle's registration number
Colour	colour of vehicle
Callsign	vehicle's radio callsign
Vehicle Type	type of vehicle
Tank Capacity	water carrying capacity (lt)
Seats	number of seats
Fuel Type	fuel type used
Four Wheel Drive	is vehicle four wheel drive
Tow Bar	presence of tow bar

Vehicle types are as far as possible to be consistent with the FRRS codes given on page 16 of the 1990 FRRS Manual. Vehicle callsigns should relate to the usual driver of that vehicle. For instance if the usual driver has the callsign KIRUP 14 then the vehicle's callsign will be KIRUP Mobile 14. For the purposes of this database the word "Mobile" is assumed and therefore omitted.

**Plant File**

District	owning district or region
Workcentre	relevant workcentre
Make	make of plant
Model	model of plant
Registration	plant's registration number
Plant Type	type of plant
Power	power of plant at flywheel
Callsign	plant's radio callsign
Operator No. 1	plant operator's name
Operator No. 2	plant operator's name
Fuel Capacity	fuel capacity (lt)
Attachments	attachments to plant

There may be some discrepancy between the plant codes given in the 1990 FRRS Manual and the RESIN program. Where this occurs the codes given in the program supercede those of the FRRS Manual.

**Equipment File**

District	owning district or region
Workcentre	relevant workcentre
Make	make of equipment
Model	model of equipment
Identifier	equipment's identification number
Equipment Type	type of equipment
Tank Capacity	water carrying capacity (lt)
Fuel	fuel type used
User No. 1	equipment operator's name
User No. 2	equipment operator's name
Notes	notes relevant to equipment

The identifier field in equipment may be a registration number in the case of a trailer, or a PU code for a Portable Unit, or some other unique code. If no other code exists the serial number may be substituted. The Make and Model fields can be used to enter details as best fits the equipment item. For instance on a pumper unit the motor might be entered in Make, and the pump in Model. The Notes field should be used if further details regarding the item are required for identification or operation.

## MANUAL FILE TRANSFER

Files are usually sent automatically from within RESIN, however if the file transfer is unsuccessful you may need to transfer the files manually. Two things are necessary to do this. Firstly to know the names of the files to be sent or received and secondly how to transfer them on the computer. To do this you need to follow the following instructions.

Note that this procedure should only be followed after you have tried (and failed) transferring files from within the RESIN program.

### File Names

Files used in data transfer have three parts. These are

a) Station sending. The first three letters of the sending station's name form the first three letters of the filename. For instance if the sending station is Bunbury the first three letters are BUN.

b) Station receiving. The first three letters of the receiving station's name form the 4th, 5th and 6th letters of the filename. For instance if Bunbury is sending data to Collie the first six letters would be BUNCOL - BUN for Bunbury and COL for Collie.

c) Resource type. The type of resource being sent determines the remaining part of the filename. A full stop follows the first six letters, then three letters more are added:

.STA - for Staff data.

.EMP - for Employee data

.VEH - for Vehicle data

.PLA - for Plant data

.EQU - for Equipment data

Therefore Staff data sent from Bunbury to Collie would be in the file called BUNCOL.STA. If Staff, Employee, Vehicle and Plant data are all being sent then there would be four files; BUNCOL.STA, BUNCOLEMP, BUNCOL.VEH, BUNCOL.PLA and BUNCOLEQU.

### File Transfer

Once you know what the names of the files you wish to send or receive are you can do the job manually. Firstly ensure you are in the RESIN directory. To change to the RESIN directory type:  
CD\RESIN and press <ENTER>.

If you are sending resource data you may wish to check that the files are there to be sent. To do this type in DIR followed by a space, then enter the first 6 letters of the filenames, a full stop and an asterix.

eg. DIR BUNCOL.\* and press ENTER.

A list of files with the first 6 letters as specified will be shown. If you sent resources to the same place before these files will remain unless you erase them. (see Clearing FRRS Files page 20.)

To log onto the network type

STEM and press <ENTER>.

When the large STEM screen appears press the spacebar. You will now have a blank screen. While holding down the CTRL key press P. A number of menu items will appear. To use the Data Transfer computer type:

/DT then press <ENTER>.

A new menu will appear. Now press O (as in Old, not the number 0).

If you are sending data you need to press P (for PUTTING). If you are receiving data you need to press G (for GETTING).

You will now be prompted to enter the name of the file you are sending or receiving. Type in the name as set out above and press <ENTER>. Repeat this process until all the files have been sent or received. Then press the ESC key. You will return to the menu you saw earlier.

Now once again hold down the CTRL key and press P. A message stating <CONNECTION RELEASED> will be displayed. Now hold down the ALT key and press C. You will return to the RESIN directory.

If you were receiving data you will need to restart RESIN and go back into the IMPORT section. Follow the normal procedure until you come to where you choose the means of importing the data. This time select <3. Hard Disk>. The files you received will now be attached to the respective data files in RESIN.

### DISTRICT, REGION AND BRANCH CODES

The following are the three letter codes which should be used when specifying callsigns and crew names in RESIN. If the centre is not included in this list, the first three letters of the name, or some other mnemonic of three letters should be used. Ensure that the code is not already being used by some other centre.

<u>Centre</u>	<u>Code</u>	<u>Centre</u>	<u>Code</u>
<b>DISTRICTS</b>		Kimberly Region	KBR
Albany District	ALB	Metropolitan Region	MET
Broome District	BRO	Northern Forest Region	NFR
Busselton District	BSN	Pilbara Region	PBR
Carnarvon	CAN	South Coast Region	SCR
Collie District	COL	Southern Forest Region	SFR
Denham District	DHM	Wheatbelt Region	WBR
Dwellingup District	DWP	<b>BRANCHES</b>	
Esperance District	ESP	Economics Branch	ECO
Exmouth District	EXM	Engineering Branch	ENG
Harvey District	HVY	Environmental Protection Br.	ENV
Jarrahdale District	JHD	Finance Branch	FIN
Katanning District	KAT	Fire Protection Branch	PRO
Krup District	KRP	Herbarium	HBM
Manjimup District	MJP	Human Resources Branch	HRB
Marmion Marine Park	MAR	Information Services Branch	ISB
Merredin District	MER	Inventory Branch	INV
Moora District	MOR	Land Administration Branch	LAB
Mundaring District	MDG	Land Information Branch	LIB
Nannup District	NNP	Library	LBY
Narrogin District	NGN	Planning Branch	PLA
Pemberton District	PEM	Policy & Extension Branch	POL
Walpole District	WLP	Public Affairs Branch	PUB
Wanneroo District	WAN	Records Branch	RCD
<b>REGIONS</b>		Recreat <sup>n</sup> Landsc.& Comm.Ed <sup>n</sup> Br.	RLC
Central Forest Region	CFR	Research Branch	RES
Gascoyne Region	GCR	Silviculture Branch	SLV
Goldfields Region	GFR	Timber Production Branch	TPB
Greenough Region	GNR	Wildlife Management Branch	WMB

SAMPLE PRINT-OUTSStaff - Personal Details

06/08/91 14:57

Staff Personal Details

Page 1

DISTRICT = CENTRAL F/REG.  
WORKCENTRE = CENTRAL F/REG.

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
FRIPP ROBERT	45	41 KING ROAD	BUNBURY	6230	097-567031		CFR 5
HOOKER JOHN	29	12 BLUE STREET	BUNBURY	6230	097-219341		CFR 6
PAGE JIMMY	42	21 GRAFFITI STREET	BUNBURY	6444	097-459025		CFR 11
SATRIANI JOSEPH	41	12 SURF STREET	BUNBURY	6230	097-209733		CFR 21
ZAPPA FRANK	45	27 MOTHER STREET	BUNBURY	6230	097-231296		CFR 9

WORKCENTRE = FIRE PROTECTION

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
WILLIAMS JOHN	37	21 CLASSIC ROAD	BUNBURY	6230	097-227934		FIR 6

DISTRICT = HARVEY  
WORKCENTRE = HARVEY

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
CLAPTON ERIC	33	461 OCEAN BOULEVARD	HARVEY	6555	097-312551		HVY 5
JOHNSON ROBERT	25	27 BLUE ROAD	HARVEY	6333	097-671280		HVY 10
MCLAUGHLIN JOHN	26	2 EAST ROAD	HARVEY	6333	097-671207		HVY 2
YOUNG NEIL	37	8 HARVEST AVENUE	HARVEY	6666	097-567938		HVY 8

DISTRICT = JARRAHDALE  
WORKCENTRE = JARRAHDALE

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
GILMOUR DAVID	37	34 FLOYD ROAD	JARRAHDALE	6444	097-459253		JHD 5
KOTKE LEO	34	7 FAST LANE	JARRAHDALE	6555	097-312294		JHD 3
NUGENT TED	25	43 FAST LANE	JARRAHDALE	6555	097-312332		JHD 2
VAN HALEN EDDIE	32	812 LONG ROAD	JARRAHDALE	6666	097-567894		JHD 12

DISTRICT = KIRUP  
WORKCENTRE = KIRUP

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
ATKINS CHET	26	1 FAST LANE	KIRUP	6555	097-312903	L 2	KRP 6

DISTRICT = MUNDARING  
WORKCENTRE = JOHN FORREST NP

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
STEWART DAVE	36	2 SAVAGE STREET	MUNDARING	6666	097-567206	L3 RANGER	MDG 21
TROWER ROBIN	45	4 LONG ROAD	MUNDARING	6444	097-459432	L2 RANGER	MDG 22

WORKCENTRE = MUNDARING

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
ARMATRADING JOAN	30	28 WEST STREET	MUNDARING	6555	097-312304		MDG 3
BECK JEFF	37	17 FLASH STREET	MUNDARING	6333	097-671901		MDG 5
HARRISON GEORGE	46	17 DARK ROAD	MUNDARING	6333	097-671101		MDG 7
RAITT BONNIE	23	12 LONG ROAD	MUNDARING	6333	097-671240		MDG 19

DISTRICT = NORTHERN F/REG.  
WORKCENTRE = NORTHERN F/REG.

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
BENSON GEORGE	35	18 JAZZ PLACE	KELMSCOTT	6333	097-671005		NFR 4
CHAPMAN TRACY	41	86 SHORT STREET	KELMSCOTT	6555	097-312067		NFR 6
DI MEOLA AL	61	14 LONG ROAD	KELMSCOTT	6666	097-567150		NFR 14

DISTRICT = POLICE  
WORKCENTRE = DWELLINGUP

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
FOREMAN RUSSELL	31	2 OLD STREET	DWELLINGUP	6555			VXX 99

WORKCENTRE = PINJARRA

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
DICKSON GORDON	30	32 LONG STREET	PINJARRA	6789			VXX 89
MARTIN GEORGE	21	34 LONG STREET	PINJARRA	6789			VXX 92
STANLEY JOHN	27	30 LONG STREET	PINJARRA	6789			VXX 66

DISTRICT = WANNEROO  
WORKCENTRE = YANCHEP NP

Name	Age	Address	Town	P/C	Phone No.	Classification	Callsign
BLACKMORE RITCHIE	23	43 BLACK STREET	YANCHEP	6444	097-459999	L2 RANGER	YAN 2
HENDRIX JIMI	28	2 LADYLAND LANE	YANCHEP	6444	097-459026	L3 RANGER	YAN 1
WALSH JOSEPH	44	6 EAGLE CRESCENT	YANCHEP	6555	097-312403	L1 RANGER	YAN 3



## Employees - Personal Details

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Employee Personal Details

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DISTRICT = BUSH FIRE BRIG.

WORKCENTRE = DWELLINGUP

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
BRIGADE	5 MEN	0	DWELLINGUP				BR DWP	BR DWP

WORKCENTRE = JARRARDALE

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
BRIGADE	5 MEN	0	JARRARDALE				BR JHD	BR JHD

WORKCENTRE = PINJARRA

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
BRIGADE	2 MEN (?)	0	PINJARRA				BR PNJ	BR PNJ

WORKCENTRE = WAROONA

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
BRIGADE	2 MEN (?)	0	WAROONA				BF WRN	BR WRN

DISTRICT = BUSSELTON

WORKCENTRE = LUDLOW

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
CASTANEDA	CARLOS	34 100 HIGH STREET	BUSSELTON	6280				BSN 31
COHEN	LEONARD	41 34 WIRE STREET	BUSSELTON	6280			BSN 41	BSN 41
DELANY	SAMUEL	34 34 DHALGREN GROVE	BUSSELTON	6280				BSN 31
DISCH	THOMAS	33 3 SONG STREET	BUSSELTON	6280				BSN 31
FAULKNER	WILLIAM	42 25 FREE ROAD	BUSSELTON	6280			BSN 31	BSN 31
FITZGERALD	SCOTT	47 5 GATSBY STREET	LUDLOW	6285			BSN 42	BSN 42
KING	STEPHEN	30 2 CUJO PLACE	LUDLOW	6285				BSN 42
TENNANT	KYLIE	29 23 RIDE LANE	BUSSELTON	6280				BSN 41

DISTRICT = COLLIE

WORKCENTRE = COLLIE

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
BACON	FRANCIS	41 6 SEXTON ROAD	COLLIE	6333	097-671017			COL 31
DICKENS	CHARLES	27 41 PERKINS ROAD	COLLIE	6333	097-671444			COL 41
DONNE	JOHN	41 4 OLD STREET	COLLIE	6333	097-671231		COL 42	COL 42
ELIOT	THOMAS	34 3 NEW STREET	COLLIE	6333	097-671675		COL 31	COL 31
FRANKLIN	MILES	46 19 FORTUNATE STREET	COLLIE	6333	097-671202		COL 51	COL 51
HEINLEIN	ROBERT	47 3 STRANGER STREET	COLLIE	6333	097-671209			COL 42
HUBBARD	RON	48 3 EARTH WAY	COLLIE	6666			COL 43	COL 43
KAUFMANN	STANLEY	42 13 FAITH STREET	COLLIE	6666			COL 32	COL 32
MARSH	NGAIO	31 37 MYSTERY STREET	COLLIE	6666	097-567021			COL 32
MELVILLE	JAMES	39 13 FAITH STREET	NANNUP	6666				COL 32
MICHENER	JAMES	43 23 SOURCE ROAD	COLLIE	6333	097-671903			COL 31
PEAKE	MERVYN	32 84 WORLD STREET	COLLIE	6666				COL 32
POURNELLE	JERRY	38 2 RINGWORLD STREET	COLLIE	6333	097-671598			COL 31
PYNCHON	THOMAS	38 56 SHORT STREET	COLLIE	6333	N/A		COL 41	COL 41
SAFFIRE	WILLIAM	32 42 BOOK CLOSE	COLLIE	6666				COL 43
VONNEGUT	KURT	32 5 SLAUGHTERHOUSE ST	COLLIE	6333	097-671803			COL 31

DISTRICT = DWELLINGUP

WORKCENTRE = DWELLINGUP

Name	Age	Address	Town	P/C	Phone No.	Classifn	Callsign	Crew Name
ALDISS	BRIAN	35 3 HELICONIA STREET	DWELLINGUP	6666	097-567888			DWP 31
AMIS	KINGSLEY	48 23 NEWNESS ROAD	DWELLINGUP	6555	097-312450			DWP 32
ASIMOV	ISAAC	30 1 ROBOTS WAY	DWELLINGUP	6444	097-459012		DWP 51	DWP 51
AUSTIN	JANE	27 41 ROSE STREET	DWELLINGUP	6666	097-567935		DWP 31	DWP 31
BARBER	NOEL	27 11 SINGAPORE ROAD	DWELLINGUP	6555	097-312411			DWP 43
BURNS	ROBERT	43 1 SCOT PLACE	DWELLINGUP	6555	097-312845			DWP 33
DEFOE	DANIEL	35 2 ISLAND STREET	DWELLINGUP	6666	097-567900		DWP 41	DWP 41
DONALDSON	STEVEN	39 4 COVENANT ROAD	DWELLINGUP	6666	097-567003			DWP 31
FREUD	SIGMUND	25 2 SLEEP STREET	DWELLINGUP	6555	097-312470		DWP 44	DWP 44
JONG	ERICA	31 45 PATRICK ROAD	DWELLINGUP	6555	097-312874		DWP 32	DWP 32
LAWSON	HENRY	37 13 MAIN ROAD	DWELLINGUP	6555	097-312399		DWP 43	DWP 43
LUDLUM	ROBERT	46 8 TUART STREET	DWELLINGUP	6555	097-312345		DWP 33	DWP 33
MARX	KARL	38 4 WORKERS ROAD	DWELLINGUP	6666	097-567098			DWP 31
MILLER	ARTHUR	52 2 CRUCIBLE LANE	DWELLINGUP	6555	097-312451			DWP 33
RICHARDSON	HENRY	30 19 FORTUNATE ROAD	DWELLINGUP	6666	097-567844			DWP 41
VIDAL	GORE	46 5 SUBSTANCE AVENUE	DWELLINGUP	6555	097-312561			DWP 33
WELLS	HERBERT	19 112 TIME AVENUE	DWELLINGUP	6555	097-312329		DWP 61	DWP 61
WHITE	PATRICK	35 34 VIVISECTOR AVENUE	DWELLINGUP	6555	097-312402			DWP 32
WILLIAMSON	DAVID	46 13 COLLINGWOOD PLACE	DWELLINGUP	6555	097-312341		DWP 42	DWP 42
WOOLFE	VIRGINIA	23 90 SHORT STREET	DWELLINGUP	6555	097-312098			DWP 42
WOUK	HERMAN	32 7 CAINE ROAD	DWELLINGUP	6555	097-312337			DWP 44
WYNDHAM	JOHN	36 45 TRIFFID STREET	DWELLINGUP	6555	097-312063			DWP 32

Employees - Fire Role Details

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Employee Fire Roles

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Code	Role	Code	Role	Code	Role	Levels are:
A	Crew Leader	J	Tractor	S	Mechanic	3.....Experienced
B	Driver 2WD	K	Grader	T	Basic Fire Training	2.....Satisfactory
C	Driver 4WD	L	Pump Operator	U	Map Reading	1.....In Training
D	Driver Gang Truck	M	Hoseman	V	Hand Tool Crew	SPACE..Not Relevant
E	Driver Heavy Duty	N	Chainsaw Cross-cut	W	Cook	
F	Driver Low Loader	O	Chainsaw Faller Jarrah	X	Fitness	* against Crewname indicates
G	Dozer, Small	P	Chainsaw Faller Karri	Y	Tower	Callsign of same designation
H	Dozer, Large	Q	Chainsaw Faller Pine	Z	First Aid	and represents Crew Leader
I	Wheel Loader	R	Storeman			

District	Name	Age	Crewname	Fire Role Codes																										Commitment
				A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
B.F.BRIGADE	JARRAHDALE	5	MEN	0	BR	JHD*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NANNUP	
B.F.BRIGADE	PINJARRA	2	MEN (?)	0	BR	PNJ*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NANNUP	
B.F.BRIGADE	WAROONA	2	MEN (?)	0	BR	WRN*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NANNUP	
BUSSELTON	CASTANEDA	CARLOS	34	BSN	31		-2	-2	-2	-	-	-	-	-2	-2	-2	-	-	-	-2	-2	-3	-	-	-	-	-	-	NANNUP	
BUSSELTON	DELANY	SAMUEL	34	BSN	31		-3	-3	-2	-	-	-	-3	-3	-2	-1	-1	-	-2	-2	-3	-	-	-	-	-	-	-	NANNUP	
BUSSELTON	DISCH	THOMAS	33	BSN	31		-3	-3	-2	-	-2	-2	-2	-3	-3	-2	-2	-	-3	-2	-3	-	-	-	-	-	-	-	NANNUP	
BUSSELTON	FAULKNER	WILLIAM	42	BSN	31*		3	-3	-3	-3	-2	-	-	-3	-3	-3	-2	-2	-	-3	-2	-2	-2	-	-	-	-	-	NANNUP	
BUSSELTON	COHEN	LEONARD	41	BSN	41*		-3	-3	-2	-3	-	-	-	-3	-3	-2	-2	-1	-2	-	-3	-2	-2	-2	-	-	-	-	NANNUP	
BUSSELTON	TENNANT	KYLIE	29	BSN	41		-2	-2	-1	-	-	-	-	-2	-2	-1	-	-	-	-2	-2	-3	-	-	-	-	-	-	NANNUP	
BUSSELTON	FITZGERALD	SCOTT	47	BSN	42*		2	-3	-3	-2	-3	-2	-	-	-3	-3	-3	-3	-2	-3	-	-3	-2	-2	-	-	-	-	NANNUP	
BUSSELTON	KING	STEPHEN	30	BSN	42		-3	-3	-1	-3	-2	-	-	-3	-3	-3	-2	-2	-	-3	-3	-3	-	-	-	-	-	-	NANNUP	
COLLIE	ELIOT	THOMAS	34	COL	31*		3	-3	-3	-3	-2	-	-	-	-3	-2	-	-	-2	-	-2	-	-	-	-	-	-	-	NANNUP	
COLLIE	BACON	FRANCIS	41	COL	31		-2	-2	-	-	-	-	-	-2	-2	-	-	-	-3	-2	-	-2	-	-	-	-	-	-	NANNUP	
COLLIE	VONNEGUT	KURT	32	COL	31		-2	-2	-	-	-	-	-3	-2	-2	-	-	-	-2	-	-2	-	-2	-2	-	-	-	-	NANNUP	
COLLIE	POURNELLE	JERRY	38	COL	31		-3	-3	-2	-2	-	-	-	-2	-3	-3	-2	-	-	-2	-3	-3	-2	-	-2	-	-	-	NANNUP	
COLLIE	PYNCHION	THOMAS	38	COL	41*		-3	-3	-3	-3	-3	-2	-3	-	-	-	-	-	-2	-2	-	-2	-	-	-	-	-	-	NANNUP	
COLLIE	DICKENS	CHARLES	27	COL	41		-2	-2	-	-	-	-	-	-2	-2	-2	-	-	-	-2	-	-2	-	-2	-	-2	-	-	NANNUP	
COLLIE	FRANKLIN	MILES	46	COL	51*		-3	-3	-2	-2	-	-	-3	-	-2	-2	-3	-3	-	-2	-	-2	-	-	-	-	-	-	NANNUP	
COLLIE	MICHENER	JAMES	43	COL	61		-3	-3	-2	-	-2	-2	-	-2	-2	-2	-	-	-2	-	-3	-2	-	-	-	-	-	-	NANNUP	
COLLIE	MARSH	NGAIO	31	COL	32		-3	-3	-3	-2	-	-	-2	-2	-3	-	-	-	-2	-3	-	-2	-	-	-	-	-	-	NANNUP	
COLLIE	KAUFMANN	STANLEY	42	COL	32*		3	-3	-3	-3	-2	-2	-	-	-3	-3	-3	-2	-2	-	-3	-2	-2	-2	-2	-	-	-	NANNUP	
COLLIE	MELVILLE	JAMES	39	COL	32		-3	-3	-2	-2	-	-	-	-3	-3	-2	-2	-3	-	-3	-2	-2	-3	-3	-	-	-	-	NANNUP	
COLLIE	PEAKE	MERVYN	32	COL	32		-3	-3	-1	-	-	-	-	-2	-2	-2	-	-	-	-2	-2	-3	-	-	-	-	-	-	NANNUP	
COLLIE	DONNE	JOHN	41	COL	42*		-3	-3	-3	-3	-2	-3	-2	-3	-3	-3	-3	-2	-2	-	-2	-2	-2	-	-	-	-	-	NANNUP	
COLLIE	HEINLEIN	ROBERT	47	COL	42		-2	-2	-2	-	-	-	-	-2	-2	-	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
COLLIE	HUBBARD	RON	48	COL	43*		2	-2	-3	-2	-3	-2	-	-	-3	-3	-3	-2	-2	-	-3	-1	-2	-2	-2	-	-	-	NANNUP	
COLLIE	SAFFIRE	WILLIAM	32	COL	43		-3	-3	-2	-2	-	-	-	-2	-2	-2	-1	-	-	-2	-3	-3	-	-	-	-	-	-	NANNUP	
DWELLINGUP	AUSTIN	JANE	27	DWP	31*		2	-2	-2	-2	-	-	-	-	-	-	-	-	-2	-3	-	-3	-3	-	-	-	-	-	NANNUP	
DWELLINGUP	MARX	KARL	38	DWP	31		-3	-2	-2	-1	-	-	-	-2	-2	-2	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	ALDISS	BRIAN	35	DWP	31		-3	-3	-	-2	-2	-3	-3	-	-	-	-	-	-2	-	-2	-	-	-	-	-	-	-	NANNUP	
DWELLINGUP	DONALDSON	STEVEN	39	DWP	31		-2	-2	-	-	-	-	-	-	-	-	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	DEPOE	DANIEL	35	DWP	41*		-3	-2	-2	-2	-	-	-	-2	-	-	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	RICHARDSON	HENRY	30	DWP	41		-2	-2	-1	-1	-	-	-	-2	-2	-2	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	ASIMOV	ISAAC	30	DWP	51*		-2	-2	-2	-2	-2	-2	-2	-2	-	-	-	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	WELLS	HERBERT	19	DWP	61*		-2	-2	-	-	-	-	-	-2	-1	-1	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	JONG	ERICA	31	DWP	32*		2	-3	-3	-3	-3	-	-2	-2	-3	-3	-3	-3	-3	-	-2	-	-2	-3	-	-	-	-	NANNUP	
DWELLINGUP	AMIS	KINGSLEY	48	DWP	32		-	-	-	-	-	-	-	-3	-3	-3	-2	-3	-	-2	-	-2	-2	-2	-	-	-	-	NANNUP	
DWELLINGUP	WHITE	PATRICK	35	DWP	32		-2	-2	-1	-	-	-	-	-2	-1	-	-	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	WYNDHAM	JOHN	36	DWP	32		1	-3	-3	-2	-	-	-	-3	-3	-3	-2	-	-	-2	-3	-2	-	-	-	-	-	-	NANNUP	
DWELLINGUP	WOOLFE	VIRGINIA	23	DWP	42		3	-2	-2	-1	-1	-	-	-2	-	-	-	-	-2	-3	-3	-	-	-	-	-	-	-	NANNUP	
DWELLINGUP	WILLIAMSON	DAVID	46	DWP	42*		2	-3	-3	-2	-2	-	-	-2	-	-	-	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	LUDLUM	ROBERT	46	DWP	33*		2	-3	-3	-3	-2	-	-	-	-3	-	-3	-	-2	-	-2	-	-2	-2	-	-	-	-	NANNUP	
DWELLINGUP	VIDAL	GORE	46	DWP	33		1	-2	-2	-1	-1	-	-	-2	-2	-1	-	-	-2	-1	-2	-2	-1	-	-	-	-	-	NANNUP	
DWELLINGUP	MILLER	ARTEUR	52	DWP	33		3	-3	-3	-3	-3	-	-	-3	-3	-3	-2	-3	-	-2	-3	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	BURNS	ROBERT	43	DWP	33		3	-3	-3	-3	-2	-	-	-3	-3	-3	-3	-2	-2	-3	-2	-2	-3	-	-	-	-	-	NANNUP	
DWELLINGUP	LAWSON	HENRY	37	DWP	43*		2	-3	-3	-2	-2	-	-2	-3	-3	-3	-3	-2	-2	-	-2	-3	-2	-2	-3	-	-	-	NANNUP	
DWELLINGUP	BARBER	NOEL	27	DWP	43		-3	-3	-	-	-	-	-	-2	-2	-	-	-	-3	-2	-2	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	FREUD	SIGMUND	25	DWP	44*		2	-3	-3	-2	-2	-	-	-2	-3	-2	-2	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
DWELLINGUP	WOUK	HERMAN	32	DWP	44		-2	-2	-	-	-	-	-	-2	-	-	-	-	-2	-3	-3	-2	-3	-	-	-	-	-	NANNUP	
HARVEY	BRONTE	EMILY	29	HVY	31		1	-2	-2	-	-	-	-	-	-	-	-	-	-2	-2	-2	-3	-	-	-	-	-	-	NANNUP	
HARVEY	SHELLEY	PERCY	27	HVY	31		-3	-2	-	-	-	-	-	-1	-	-	-	-	-2	-3	-2	-3	-	-	-	-	-	-	NANNUP	
HARVEY	CLAVELL	JAMES	18	HVY	31		-2	-1	-	-	-	-	-1	-1	-1	-	-	-	-2	-1	-2	-	-	-	-	-	-	-	NANNUP	
HARVEY	ANDERSON	HANS	31	HVY	31*		2	-3	-3	-3	-2	-	-	-3	-2	-3	-2	-2	-	-2	-3	-2	-3	-	-	-	-	-	NANNUP	
HARVEY	HARDY	THOMAS	34	HVY	41*		-3	-3	-3	-2	-	-	-	-3	-3	-2	-	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
HARVEY	POTTER	BEATRIX	27	HVY	41		-3	-3	-2	-2	-	-	-	-3	-3	-3	-2	-	-	-2	-2	-3	-3	-2	-	-	-	-	NANNUP	
HARVEY	ROTH	PHILIP	38	HVY	51*		-3	-3	-2	-	-3	-2	-3	-	-	-2	-	-	-2	-	-2	-	-2	-	-	-	-	-	NANNUP	
HARVEY	VERNE	JULES	34	HVY	61		-2	-2	-	-	-	-	-	-3	-3	-3	-2	-2	-2	-2	-2	-2	-2	-	-	-	-	-	NANNUP	
HARVEY	TREMAYNE	PETER	35	HVY	32		-3	-3	-2	-2	-	-	-	-3	-3	-2	-2	-2	-	-3	-3	-3	-	-	-	-	-	-	NANNUP	
HARVEY	FORSYTHE	FREDERICK	25	HVY	32		-2	-2	-1	-	-	-	-	-2	-2	-2	-	-	-2	-2	-2	-2	-	-	-	-	-	-	NANNUP	
HARVEY	CHAPMAN	VERA	29	HVY	32		-2	-2	-1	-	-	-	-	-2	-2	-1	-1	-	-2	-2	-3	-	-	-	-	-	-	-	NANNUP	
HARVEY	EDDINGS	DAVID	45	HVY	32*		3	-3	-3	-3	-	-	-	-3	-3	-3	-3	-2	-3	-	-3	-2	-2	-2	-	-	-	-	NANNUP	
HARVEY	CAPOTE	TRUMAN	24	HVY	42		-2	-2	-	-	-	-	-	-	-	-	-	-	-3	-2	-	-2	-	-	-	-	-	-	NANNUP	
HARVEY	O'GRADY	JOHN	39	HVY	42*		-3	-3	-2	-2	-2	-	-3	-	-	-	-													

## Vehicle Details

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## Vehicle Details

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DISTRICT = ARCHIBALD

WORKCENTRE = MARGARET RIVER

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
7WB987	KENWORTH	LOW LOADER	3	0	D		LL				NANNUP

DISTRICT = BUSH FIRE BOARD

WORKCENTRE = METROPOLITAN

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QT234	NISSAN	COMMUNICAT	YELLOW	3	0	U	N	VAN	BFB 29	WORDSWORTH, WILL	NANNUP
6QT896	HOLDEN	JACKAROO	YELLOW	5	0	U	Y	SW	BFB 32	KEATS, JOHN	NANNUP

DISTRICT = BUSH FIRE BRIG.

WORKCENTRE = JARRAHDALE

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6RP457	TOYOTA	L/CRUISER	YELLOW	3	600	U	Y	LP	BR JHD		NANNUP
6RP985	TOYOTA	L/CRUISER	YELLOW	3	600	U	Y	LP	BR JHD		NANNUP

WORKCENTRE = PINJARRA

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6RP295	TOYOTA	L/CRUISER	YELLOW	3	600	U	Y	LP	BR PNJ		NANNUP

WORKCENTRE = WAROONA

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6RP620	TOYOTA	L/CRUISER	YELLOW	3	600	U	Y	LP	BR WRN		NANNUP

DISTRICT = BUSSELTON

WORKCENTRE = LUDLOW

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QY842	ISUZU		ORANGE	6	1900	D	Y	GT	BSN 31	FAULKNER, WILL	NANNUP
6QY933	ISUZU		ORANGE	2	2700	D	Y	HD	BSN 42	FITZGERALD, SCOT	NANNUP
6QY941	ISUZU		ORANGE	2	2700	D	Y	HD	BSN 41	COHEN, LEONARD	NANNUP

DISTRICT = CENTRAL F/REG.

WORKCENTRE = FIRE PROTECTION

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QY621	MITSUBISHI	TRITON	WHITE	2	0	U	Y	UTE	FIR 6	WILLIAMS, JOHN	NANNUP

WORKCENTRE = REGION

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QY415	NISSAN	NAVARRA	WHITE	2	0	U	Y	UTE	CFR 6	HOOKER, JOHN	NANNUP
6QY463	FORD	FALCON	WHITE	5	0	U	N	SW	CFR 5	ROBERT FRIPP	NANNUP
6QY505	NISSAN	NAVARRA	WHITE	2	0	U	Y	UTE	CFR 9	ZAPPA, FRANK	NANNUP
6QY606	NISSAN	NAVARRA	WHITE	2	0	U	Y	UTE	CFR 11	PAGE, JIMMY	NANNUP

DISTRICT = COLLIE

WORKCENTRE = COLLIE

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QY104	ISUZU		ORANGE	2	2700	D	Y	HD	COL 41	PYNCHON, TOM	NANNUP
6QY246	ISUZU		ORANGE	6	1900	D	Y	GT	COL 31	ELIOT, THOMAS	NANNUP
6QY285	NISSAN	NAVARRA	WHITE	2	0	U	Y	UTE	COL 6	WHITE, SNOWY	NANNUP
6QY291	ISUZU		ORANGE	2	2700	D	Y	HD	COL 42	DONNE, JOHN	NANNUP
6QY340	ISUZU		ORANGE	20	2700	D	Y	HD	COL 43	HUBBARD, RON	NANNUP
6QY409	TOYOTA	L/CRUISER	GREY	3	0	U	Y	UTE	COL 6	WHITE, SNOWY	NANNUP
6QY909	TOYOTA	L/CRUISER	WHITE	3	0	U	Y	UTE	COL 61	MICHINER, JAMES	NANNUP
6QY985	ISUZU		ORANGE	6	1900	D	Y	GT	COL 32	KAUFMANN, STAN	NANNUP

DISTRICT = DWELLINGUP

WORKCENTRE = DWELLINGUP

Regist. Make	Model	Colour	Seats	Water (lt)	Fuel Type	4WD	Type	Tow Bar	Callsign	Driver	Commitment
6QY123	ISUZU		ORANGE	2	2700	D	Y	HD	DWP 42	O'GRADY, JOHN	
6QY248	ISUZU		ORANGE	6	1900	D	Y	GT	DWP 31	AUSTIN, JANE	
6QY292	ISUZU		ORANGE	2	2700	D	Y	HD	DWP 44	FREUD, SIGMUND	
6QY387	ISUZU		ORANGE	6	1900	D	Y	GT	DWP 32	AUSTIN, JANE	
6QY439	ISUZU		ORANGE	6	1900	D	Y	GT	DWP 33	LUDDLUM, ROBERT	
6QY756	ISUZU		ORANGE	2	2700	D	Y	HD	DWP 41	DEFOE, DANIEL	
6QY783	TOYOTA	L/CRUISER	GREY	3	0	U	Y	UTE	DWP 61	WELLS, HERBERT	
6QY894	ISUZU		ORANGE	2	2700	D	Y	HD	DWP 43	LAWSON, HENRY	

Plant Details

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Plant Details

Code	Attachment	Code	Attachment	Code	Attachment	Plant Type Codes
A	Bull Blade	J	Tree Arm	S	Tracked	BD Bulldozer
B	Rake Blade	K	Ripper	T	Water Tank	GR Grader
C	Angle/Tilt Blade	L	3 Pt. Linkage	U	Plough	TR Tractor
D	Vee Blade	M	P.T.O.	V	Lights	SK Skidder
E	Bucket	N	Winch	W	Radio	WL Wheeled Loader
F	Bucket Slip_on	O	Sealed Cabin	X	PTO Pump	
G	Forks	P	Canopy	Y		
H	Tractor Blade Front	Q	Four Wheel Drive	Z		
I	Tractor Blade Rear	R	Articulated			

DISTRICT = ARCHIBALD

WORKCENTRE =

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	D8	BD	6QW879	0	0		A-K-N-P-S-V-	ASIMOV, ISAAC	NANNUP

DISTRICT = BUNNINGS

WORKCENTRE = WANNEROO

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	966	WL	7TY234	0	0		A-O-Q-R-V-		NANNUP

DISTRICT = COLLIE

WORKCENTRE = COLLIE

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	930	WL	6QW490	0	0	COL 51	E-O-Q-R-V-	ROTH, PHILIP DANTE, ALIGHIERI	NANNUP

DISTRICT = DWELLINGUP

WORKCENTRE = DWELLINGUP

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	930	WL	6QW097	0	0	DWP 51	A-O-Q-R-V-W-	DAVIS, JIM	NANNUP

DISTRICT = HARVEY

WORKCENTRE = HARVEY

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	930	WL	6QW423	0	0	HVY 51	E-O-Q-R-V-	FRANKLIN, MILES HERIOT, JAMES	NANNUP

DISTRICT = JARRAHDALE

WORKCENTRE = JARRAHDALE

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	930	WL	6QW645	0	0	JHD 51	A-O-Q-R-V-W-	DAVIS, JIM	NANNUP

DISTRICT = PRIVATE

WORKCENTRE = JOE BLOGGS

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	D6	BD	7FW123	0	0		A-K-N-P-S-V-	BLOGGS, JOE	NANNUP

DISTRICT = SILVERTHORN CTR

WORKCENTRE = MANDURAH

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	966	WL	7RS234	0	0				NANNUP
CATERPILLER	D6	BD	7RS907	0	0				NANNUP

DISTRICT = WAROONA CONTRAC

WORKCENTRE = WAROONA

Make	Model	Type	Regist.	Power (kW)	Fuel (lt)	Callsign	Attachments Present	Operators	Commitment
CATERPILLER	D7	BD	6DW110	0	0		A-K-N-P-S-V-	GRASS, GUNTHER	NANNUP
CATERPILLER	D6	BD	7RS345	0	0		A-P-S-	ALDISS, BRIAN	NANNUP

Equipment Details

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## Equipment Details

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Make	Model	Type	Identifier	Fuel Type	Water (lt)	Usual Operators	Commitment	
DISTRICT = NANNUP								
WORKCENTRE = NANNUP								
N/A	N/A	CANVAS TANK	CT1		5400		NANNUP	
		Notes: HOLES IN IT - LOTS OF THEM						
BRIGGS&STR	FINSBURY	PUMPER UNIT	PU12	U	0		NANNUP	

TO ALL STAFF

FIRE CONTROL ROLES

As a part of fire preparedness a full listing of everybody in the districts and regions and their fire role capabilities is being assembled. In order for this to be done it is requested that you fill in this form and return it to your Fire Protection Officer as soon as possible.

Surname ..... First Name .....  
Address ..... Town ..... Post Code .....  
Phone No. .... Call Sign .....  
CALM District ..... Work Centre .....  
Date Of Birth ..../../. Classification .....  
Any Medical Conditions that need to be considered with respect to fire fighting .....

Please fill the blanks in the fire Roles with a Level for each role that you feel is relevant and you have some experience in.

Code	Role	Level	Code	Role	Level
A	Controller	...	N	Recorder	...
B	Fire Boss	...	O	Plant Officer	...
C	Suppression Boss	...	P	Despatch Officer	...
D	Sector Boss	...	Q	Marshall	...
E	HQ Intelligence	...	R	Timekeeper	...
F	Plans Officer	...	S	Runner	...
G	Detection Officer	...	T	Field Intelligence	...
H	Liaison Officer	...	U	Environmental Officer	...
I	Media Officer	...	V	Reconnaissance Officer	...
J	HQ Supply Officer	...	W	Field Supply Officer	...
K	HQ Communications	...	X	Caterer	...
L	Switchboard Operator	...	Y	Accredited Forest Off.	...
M	Radio Operator	...	Z	First Aid	...

Levels are:           3.....Experienced  
                          2.....Satisfactory  
                          1.....In Training  
                          BLANK..Not Relevant

Thankyou for your co-operation

TO ALL EMPLOYEES

FIRE CONTROL ROLES

As a part of fire preparedness a full listing of everybody in the districts and regions and their fire role capabilities is being assembled. In order for this to be done it is requested that you fill in this form and return it to your Fire Protection Officer as soon as possible.

Surname ..... First Name .....  
Address ..... Town ..... Post Code .....  
Phone No. .... Call Sign (if assigned) .....  
CALM District ..... Work Centre .....  
Date Of Birth ..../../. Classification .....  
Normal Crew .....  
Any Medical Conditions that need to be considered with respect to fire fighting .....

Please fill the blanks in the fire Roles with a Level for each role that you feel is relevant and you have some experience in.

Code	Role	Level	Code	Role	Level
A	Crew Leader	...	N	Chainsaw Cross-cut	...
B	Driver 2WD	...	O	Chainsaw Faller Jarrah	...
C	Driver 4WD	...	P	Chainsaw Faller Karri	...
D	Driver Gang Truck	...	Q	Chainsaw Faller Pine	...
E	Driver Heavy Duty	...	R	Storeman	...
F	Driver Low Loader	...	S	Mechanic	...
G	Dozer, Small	...	T	Basic Fire Training	...
H	Dozer, Large	...	U	Map Reading	...
I	Wheel Loader	...	V	Hand Tool Crew	...
J	Tractor	...	W	Cook	...
K	Grader	...	X	Fitness	...
L	Pump Operator	...	Y	Tower	...
M	Hoseman	...	Z	First Aid	...

Levels are: 3.....Experienced  
2.....Satisfactory  
1.....In Training  
BLANK..Not Relevant

Thankyou for your co-operation

RESIN

Vehicle Entry Form

District: \_\_\_\_\_ Workcentre: \_\_\_\_\_  
 Registration: \_\_\_\_\_ Type: \_\_\_\_\_  
 Make: \_\_\_\_\_ Model: \_\_\_\_\_  
 Colour: \_\_\_\_\_ Fuel: \_\_\_ Seats: \_\_\_  
 4 Wheel Drive: \_\_\_ Water Capacity: \_\_\_\_\_ Tow Bar Fitted: \_\_\_  
 Usual Driver: \_\_\_\_\_ Vehicle Callsign: \_\_\_\_\_

Plant Entry Form

District: \_\_\_\_\_ Workcentre: \_\_\_\_\_  
 Registration/ID: \_\_\_\_\_ Plant Type: \_\_\_ KEY: BD Bulldozer  
 Make: \_\_\_\_\_ Model: \_\_\_\_\_ GR Grader  
 Callsign: \_\_\_\_\_ Fuel Capacity: \_\_\_ SK Skidder  
 Power (kW at flywheel): \_\_\_\_\_ TR Tractor  
 Operators (Surname, Initial): 1 \_\_\_\_\_ 2 \_\_\_\_\_ WL Wheeled Loader

Code	Attachment	Present	Code	Attachment	Present
A	Bull Blade	---	N	Winch	---
B	Rake Blade	---	O	Sealed Cabin	---
C	Angle/Tilt Blade	---	P	Canopy	---
D	Vee Blade	---	Q	Four Wheel Drive	---
E	Bucket	---	R	Articulated	---
F	Bucket Slip_on	---	S	Tracked	---
G	Forks	---	T	Water Tank	---
H	Tractor Blade Front	---	U	Plough	---
I	Tractor Blade Rear	---	V	Lights	---
J	Tree Arm	---	W	Radio	---
K	Ripper	---	X	PTO Pump	---
L	3 Pt. Linkage	---	Y		---
M	P.T.O.	---	Z		---

Equipment Entry Form

District: \_\_\_\_\_ Workcentre: \_\_\_\_\_  
 Equipment Type: \_\_\_\_\_ Identifier: \_\_\_\_\_  
 Make: \_\_\_\_\_ Model: \_\_\_\_\_  
 Fuel: \_\_\_\_\_ Water Capacity: \_\_\_\_\_  
 Usual Operator 1: \_\_\_\_\_ 2: \_\_\_\_\_  
 Notes: \_\_\_\_\_