

## Music Schedule Software

### Standard Hour Schedule & General Notes.

To devise our program style we need set the criteria for the clocks. *How many jingles and info at points of the hour clock. ?*

In addition we need to choose a jingle which we can use to go into the news and music/jingle out of the news.

These can then be built into a template for two basic hours one with music/content equivalent to 58 mins and a second clock with 57 mins this will allow for the two types of news from IRN, 2 minute news or three.

In building the templates for the hours we can then build the smart bits into the clock which will tell wavestation to carry out the Macro's which fade the program content and switch to Satellite etc.

Clocks can be made for the standard program types etc I.e. digital decades 40,50,60,70,80,90's etc

Specialist programs will take the basic template with manual intervention for record selection etc.

As Nigel did at Bath we will send the completed program log to wavestation production machine import the log then if needs be add voice tracks at selected points in the log. I.e. did you know later tonight jazz at 10pm etc.

All logs from the production machine will be sent to the 24 hr machine with updates made to the running logs on the 24hr machine instructing the program to select the following days/weeks programs which have been newly created.

A batch of completed programs of a specialist nature which can't be dated can also be produced directly on the wavestation production machine complete with voice tracks. Saved as a completed program. These would be added to the main database which natural music looks at and would randomly choose from a bank of say six programs. A category for these types of programs would need to be specified within both software programs.

Our twenty four hour schedule which will run for weekdays and for weekends will be different but some style to the hours will define our sound by how we choose our 57/58 min schedule.

In addition to the jingle/ news etc we need to find a music piece which will immediately precede any Patient/info community info trailer. Any patient who is in and been listening for a few hours will know what's coming next by simply hearing the music.

## Music Database Update/Editing Etc

We will initially try and run with one database and music stored on the 24 hr machine( subject to network tests ).

Adding new waves or major changes to the database needs to be carried out whilst live programs are going out. This can be carried out on the production machine or on the 24 hr machine. Once changes have been made a refresh with the database program soundhound will highlight and effect those changes within individual wave files and the access database file. Backing up the 24hr wavestation program will need to be a regular event if we are making significant changes.

The recommendation of re-booting the machine, could be done at the same time, as any changes to the dbase files.

## Audio.mdb ( Wavestation )

*So we are all aware of how the database is constructed :-*

Wave files titled and edited for fade points and intro's in wavestation add that info to the wave file id3 tag. Wavestation then stores that info in the audio.mdb file. Any changes to that wave file's id3 tag in wavestation, updates it's entry on the audio.mdb file once soundhound has been asked to refresh.( or a Re-boot ).

You can view this file through the access program, devise lookup scenarios as I have done with the front end that I built, but any changes to the file will not change the id3 tag on the waves and subsequently the next time you load wave station it will revise the database file to the info from the wave files id3 tag.

Taking this one step further >

## 999kHz.nmd ( Natural Music )

In natural music which is another front end for database management we import the audio.mdb file selecting fields which are required and natural music then builds a new database around it's program with additional bits. Any changes to title info artists etc fields in natural music will not find there way back to the Audio.mdb file or effect changes to the id3 tag.

To import and update natural music database with amendments import music1.txt file as comma-delimited selecting columns 1,7,8,9,13,15,5. *Prior to import always backup natural music database.*

Natural Music	Music1 Txt
Source	01
Title	07
Artist	08
Length	09
Intro	13
End Type	14
Category	05

## Musicwav.mdb

This is the database which I have constructed which allows various methods of lookup for the audio.mdb file contained in wavestation. It is not directly linked to wavestation but the dbase has a way of appending audio.mdb into this database to reflect changes made since the last time. It also contains sub tables of Jingles and archive sound file lists which I am maintaining.

To export musicwav.mdb into natural music, first highlight music1 table and export as comma-delimited file save as music1.txt.

## WaveRePJ.xls

Another file which is being maintained in excel, this contains a list of the cd's which have been ripped. It also has the basic criteria for categories devised and directory structure used for the WaveStation program and also a file convention to be used. I would foresee a time when all of this info would be contained in one database file along with the musicwav.mdb.

## Category Definitions

The table listed below shows the categories created. All songs recorded and on the store disks to wdsk01-0024 include songs of the decades listed as 1960's 1970's etc. When these were created we were not aware of the music selection software. We have changed these categories to two digit idents for each decade ( dropping the 19 ), this makes it easier for appending new files to the 999kHz nmd database file.

Those files already created will show on the play list as ie1960's but if you access the file in the editor it will default the file category to Audio and will then change it's status to Audio.

Any new categories must have unique first two letters so as to avoid clashing with existing categories.

	Category Wavestation	Natural Music	Description & Content	Notes
1)	2000's	20	Songs From The Decade 2000's	As Description
2)	40's	40	Songs From The Decade 1940	As Description
3)	50's	50	Songs From The Decade 1950	As Description
4)	60's	60	Songs From The Decade 1960	As Description
5)	70's	70	Songs From The Decade 1970	As Description
6)	80's	80	Songs From The Decade 1980	As Description
7)	90's	90	Songs From The Decade 1990	As Description
8)	ARTCART	AR	Artist Carts	Created to be used for Compilation Carts only
9)	CLASSIC	CL	Classical	As Description
10)	CSHOW	CS	Comedy Show	Classic Comedy Shows Complete 30min Shows
11)	COUNTRY	CO	Country & Western	As Description
12)	FILM&SHO	FI	Film & Shows	As Description
13)	FTRIV	FT	Film & Show Business Trivia	Trivia Voiced by Presenters for Inclusion in Shows
14)	DIDKNOW	DI	Did You Know	General Trivia Did You Know Voiced by Presenters
15)	IDTRAIL	ID	Station Identification Trailer	As Description
16)	JINGLE	JI	Jingle Non Specific	As Description
17)	JOKELINE	JO	Jokes & Gags ( One Liner )	Short Comedy Skits By Comedians Etc
18)	JTRAIL	JT	Jingle Trailers	Program Trailers & Adverts Created For Shows
19)	LEVENTS	LE	Local Events	Local Events Voiced by Presenters Date Specific
20)	LNEWS	LN	Local News	Local News Voiced by Presenters Date Specific
21)	LOF-ADVE	LO	League of Friends Adverts	As Description
22)	MISCMUSI	MI	Miscellaneous Music	Non Specific Music Category Mixture of Minorities
23)	ORCH&BAN	OR	Orchestra's & Bands	As Description
24)	PNEWS	PN	Pathe News	News From the 20 <sup>th</sup> Century Voiced by Presenters
25)	PATIENT	PA	Patient Information	Hospital Patient Information Voiced by Presenters
26)	SHOWS	SH	Shows	Completed Shows By Presenters Not Dated
27)	SOUNDS	SO	Sounds	Sound Dialogue Famous Speeches Etc
28)	TRAD&RELI	TR	Traditional & Religious	As Description
29)	VTRACK	VT	Voice Tracks	Automatic Voice Tracks Created by Temp Links
30)	WORD	WO	Spoken Word	Poetry, Stories Etc.
31)	XMAS	XM	Christmas	As Description

## Cart Creation In Wavestation

Although we will be creating carts to the specified criteria. They will not normally be used in wave station. They will be there to assist presenters when using wavecart. Music selection will be easier if they opt for the kart directory.

## File & Cart Name Conventions

All filenames must adhere to the 8.3 rule. In addition directories must be no more than eight characters in length. To ensure a correct and accurate creation of program logs in Natural Music it is important we divide off and categorise as many different types of audio. In addition by creating separate folders, all with unique file types, when deletion or changes are required, files will be easily identifiable as to their type.

	Folders	File Names For Categories	Cart File Type Per Category	Category Promo Files
1)	1940	CD0001 XX = Track No.wav	***C 1940.krt = Music Cart	J40S0000.wav
2)	1950	CD0001 XX = Track No.wav	***C 1950.krt = Music Cart	J50S0000.wav
3)	1960	CD0001 XX = Track No.wav	***C 1960.krt = Music Cart	J60S0000.wav
4)	1970	CD0001 XX = Track No.wav	***C 1970.krt = Music Cart	J70S0000.wav
5)	1980	CD0001 XX = Track No.wav	***C 1980.krt = Music Cart	J80S0000.wav
6)	1990	CD0001 XX = Track No.wav	***C 1990.krt = Music Cart	J90S0000.wav
7)	2000	CD0001 XX = Track No.wav	***C 2000.krt = Music Cart	J20S0000.wav
8)	ArtCart	Not Applicable	KA##xxxx.krt = Music Cart	JA##0000.wav
9)	Classica	CD0001 XX = Track No.wav	***C CLAS.krt = Music Cart	JCLA0000.wav
10)	Comshow	@@@0000.wav	***C COMS.krt = Comedy Shows	JCOM0000.wav
11)	Country	CD0001 XX = Track No.wav	***C COUN.krt = Music Cart	JCOU0000.wav
12)	DidKnow	DYKNXXXX = System No.wav	***C DYKN.krt = Voice Track Cart	JDYK0000.wav
13)	Film&Sho	CD0001 XX = Track No.wav	***C FILM.krt = Music Cart	JFIL0000.wav
14)	FilmTriv	FTRIXXXX = System No.wav	***C FTRI.krt = Voice Track Cart	JFST0000.wav
15)	IDTrail	JIDT0000.wav	***C IDTR.krt = ID Trail Cart	Not Applicable
16)	JingleNS	JINS0000.wav	***C JING.krt = Jingle NS Cart	Not Applicable
17)	JingleTR	All Category Trailer File Types	***C JTRA.krt = Jingle NS Cart	All Category Files
18)	Jokeline	JK0000.wav	***C JOKE.krt = Jokeline Cart	JJOK0000.wav
19)	LEvents	LEVE0000.wav	***C LEVE.krt = Local Event Cart	JLEV0000.wav
20)	LNews	LNEW0000.wav	***C LNEW.krt = Local News Cart	JLNE0000.wav
21)	LOFAdve	LOFA0000.wav	***C LOFA.krt = LOF Advert Cart	Not Applicable
22)	Misc	CD0001 XX = Track No.wav	***C MISC.krt = Music Cart	JMIS0000.wav
23)	Orch&Ban	CD0001 XX = Track No.wav	***C ORCH.krt = Music Cart	JORC0000.wav
24)	PatheNew	PNyear00.wav Year = 1955 etc	***C PATH.krt = Pathe News Cart	JPAN0000.wav
25)	Patient	PATI0000.wav	***C PATI.krt = Patient Info Cart	JPAT0000.wav
26)	Shows	SHOW0000.wav	***C SHOW.krt = Complete Shows	JSHO0000.wav
27)	Sounds	SD0000XX.wav XX = Track No	***C SOUN.krt = Sounds Cart	Not Applicable
28)	Traditon	CD0001 XX = Track No.wav	***C TRAD.krt = Music Cart	JTRA0000.wav
29)	Vtracks	VTXXXXXX = System No.wav	***C NOT APPLICABLE	Not Applicable
30)	Word	WORD0000.wav	***C WORD.krt = Spoken Word	JWOR0000.wav
31)	Xmas	CD0001 XX = Track No.wav	***C XMAS.krt = Music Cart	JXMA0000.wav

### Cart Filename Construction

Filename's                      AF = ABCDEF   GL = GHIJKL   MR = MNOPQR   SZ = STUVWXYZ  
 \*\*\*C!!!!.krt                ( \*\* = AF or GL or MR or SZ )  
                                       ( # = M = Music or S = Speech or J = Jingles ) i.e. AFMC  
                                       ( !!!! = Category " Coun " for Country or " Clas " For Classical )

#### Example

*AFMCCOUN = Songs A to F Music Cart Country & Western Category*

*GLMCCLAS = Songs G to L Music Cart Classical Category*

The current list of categories produces 116 file types which eventually will make selection of songs to be played in wavecart user friendly. All files have been created with a dummy wave file in them. When the database is loaded on the rhapsody machine we can then move all wav files into their respective cart.

The test machine at the studio has a small selection of songs added to their respective category carts.

FileName	Category	Description
AFMC2000.KRT	2000'S	2000'S A To F Songs
GLMC2000.KRT	2000'S	2000'S G To L Songs

MRMC2000.KRT	2000'S	2000'S M To R Songs
SZMC2000.KRT	2000'S	2000'S S To Z Songs
AFMC1940.KRT	40'S	40'S A To F Songs
GLMC1940.KRT	40'S	40'S G To L Songs
MRMC1940.KRT	40'S	40'S M To R Songs
SZMC1940.KRT	40'S	40'S S To Z Songs
AFMC1950.KRT	50'S	50'S A To F Songs
GLMC1950.KRT	50'S	50'S G To L Songs
MRMC1950.KRT	50'S	50'S M To R Songs
SZMC1950.KRT	50'S	50'S S To Z Songs
AFMC1960.KRT	60'S	60'S A To F Songs
GLMC1960.KRT	60'S	60'S G To L Songs
MRMC1960.KRT	60'S	60'S M To R Songs
SZMC1960.KRT	60'S	60'S S To Z Songs
AFMC1970.KRT	70'S	70'S A To F Songs
GLMC1970.KRT	70'S	70'S G To L Songs
MRMC1970.KRT	70'S	70'S M To R Songs
SZMC1970.KRT	70'S	70'S S To Z Songs
AFMC1980.KRT	80'S	80'S A To F Songs
GLMC1980.KRT	80'S	80'S G To L Songs
MRMC1980.KRT	80'S	80'S M To R Songs
SZMC1980.KRT	80'S	80'S S To Z Songs
AFMC1990.KRT	90'S	90'S A To F Songs
GLMC1990.KRT	90'S	90'S G To L Songs
MRMC1990.KRT	90'S	90'S M To R Songs
SZMC1990.KRT	90'S	90'S S To Z Songs
AFMCCLAS.KRT	CLASSIC	Classical A To F Songs
GLMCCLAS.KRT	CLASSIC	Classical G To L Songs
MRMCCLAS.KRT	CLASSIC	Classical M To R Songs
SZMCCLAS.KRT	CLASSIC	Classical S To Z Songs
AFSCCOMS.KRT	CSHOW	Comedy Shows A To F Shows
GLSCCOMS.KRT	CSHOW	Comedy Shows G To L Shows
MRSCCOMS.KRT	CSHOW	Comedy Shows M To R Shows
SZSCCOMS.KRT	CSHOW	Comedy Shows S To Z Shows
AFSCSHOW.KRT	SHOWS	Complete Shows A To F
GLSCSHOW.KRT	SHOWS	Complete Shows G To L
MRSCSHOW.KRT	SHOWS	Complete Shows M To R
SZSCSHOW.KRT	SHOWS	Complete Shows S To Z
AFMCCOUN.KRT	COUNTRY	Country A To F Songs
GLMCCOUN.KRT	COUNTRY	Country G To L Songs
MRMCCOUN.KRT	COUNTRY	Country M To R Songs
SZMCCOUN.KRT	COUNTRY	Country S To Z Songs
AFSCDYKN.KRT	DIDKNOW	Did You Know Trivia A To F
GLSCDYKN.KRT	DIDKNOW	Did You Know Trivia G To L
MRSCDYKN.KRT	DIDKNOW	Did You Know Trivia M To R
SZSCDYKN.KRT	DIDKNOW	Did You Know Trivia S To Z
AFSCFTRI.KRT	FTRIV	Films & Show Trivia A To F
GLSCFTRI.KRT	FTRIV	Films & Show Trivia G To L
MRSCFTRI.KRT	FTRIV	Films & Show Trivia M To R
SZSCFTRI.KRT	FTRIV	Films & Show Trivia S To Z
AFMCFILM.KRT	FILM&SHO	Films & Shows A To F Songs
GLMCFILM.KRT	FILM&SHO	Films & Shows G To L Songs
MRMCFILM.KRT	FILM&SHO	Films & Shows M To R Songs
SZMCFILM.KRT	FILM&SHO	Films & Shows S To Z Songs
AFJCJTRA.KRT	JTRAIL	Jingle Trailers A To F



GLJCJTRA.KRT	JTRAIL	Jingle Trailers G To L
MRJCJTRA.KRT	JTRAIL	Jingle Trailers M To R
SZJCJTRA.KRT	JTRAIL	Jingle Trailers S To Z
AFJCJING.KRT	JINGLENS	Jingles Non Specific A To F
GLJCJING.KRT	JINGLENS	Jingles Non Specific G To L
MRJCJING.KRT	JINGLENS	Jingles Non Specific M To R
SZJCJING.KRT	JINGLENS	Jingles Non Specific S To Z
AFSCJOKE.KRT	JOKELINE	Jokes & Gags A To F
GLSCJOKE.KRT	JOKELINE	Jokes & Gags G To L
MRSCJOKE.KRT	JOKELINE	Jokes & Gags M To R
SZSCJOKE.KRT	JOKELINE	Jokes & Gags S To Z
AFJCLOFA.KRT	LOFADVE	League Adverts A To F
GLJCLOFA.KRT	LOFADVE	League Adverts G To L
MRJCLOFA.KRT	LOFADVE	League Adverts M To R
SZJCLOFA.KRT	LOFADVE	League Adverts S To Z
AFSCLEVE.KRT	LEVENTS	Local Events A To F
GLSCLEVE.KRT	LEVENTS	Local Events G To L
MRSCLEVE.KRT	LEVENTS	Local Events M To R
SZSCLEVE.KRT	LEVENTS	Local Events S To Z
AFSCLNEW.KRT	LNEWS	Local News A To F
GLSCLNEW.KRT	LNEWS	Local News G To L
MRSCLNEW.KRT	LNEWS	Local News M To R
SZSCLNEW.KRT	LNEWS	Local News S To Z
AFMCMISC.KRT	MISCMUSI	Miscellaneous A To F Songs
GLMCMISC.KRT	MISCMUSI	Miscellaneous G To L Songs
MRMCMISC.KRT	MISCMUSI	Miscellaneous M To R Songs
SZMCMISC.KRT	MISCMUSI	Miscellaneous S To Z Songs
AFMCORCH.KRT	ORCH&BAN	Orchestra's & Bands A To F Songs
GLMCORCH.KRT	ORCH&BAN	Orchestra's & Bands G To L Songs
MRMCORCH.KRT	ORCH&BAN	Orchestra's & Bands M To R Songs
SZMCORCH.KRT	ORCH&BAN	Orchestra's & Bands S To Z Songs
AFSCPATH.KRT	PNEWS	Pathe News Trivia A To F
GLSCPATH.KRT	PNEWS	Pathe News Trivia G To L
MRSCPATH.KRT	PNEWS	Pathe News Trivia M To R
SZSCPATH.KRT	PNEWS	Pathe News Trivia S To Z
AFSCPATI.KRT	PATIENT	Patient Information A To F
GLSCPATI.KRT	PATIENT	Patient Information G To L
MRSCPATI.KRT	PATIENT	Patient Information M To R
SZSCPATI.KRT	PATIENT	Patient Information S To Z
AFSCSOUN.KRT	SOUNDS	Sounds Voice Dialogue A To F
GLSCSOUN.KRT	SOUNDS	Sounds Voice Dialogue G To L
MRSCSOUN.KRT	SOUNDS	Sounds Voice Dialogue M To R
SZSCSOUN.KRT	SOUNDS	Sounds Voice Dialogue S To Z
AFSCWORD.KRT	WORD	Spoken Word A To F
GLSCWORD.KRT	WORD	Spoken Word G To L
MRSCWORD.KRT	WORD	Spoken Word M To R
SZSCWORD.KRT	WORD	Spoken Word S To Z
AFJCIDTR.KRT	IDTRAIL	Station Id's A To F
GLJCIDTR.KRT	IDTRAIL	Station Id's G To L
MRJCIDTR.KRT	IDTRAIL	Station Id's M To R
SZJCIDTR.KRT	IDTRAIL	Station Id's S To Z
AFMCTRAD.KRT	TRADITON	Tradition & Religious A To F Songs
GLMCTRAD.KRT	TRADITON	Tradition & Religious G To L

		Songs
MRMCTRAD.KRT	TRADITON	Tradition & Religious M To R Songs
SZMCTRAD.KRT	TRADITON	Tradition & Religious S To Z Songs
AFMCXMAS.KRT	XMAS	Xmas A To F Songs
GLMCXMAS.KRT	XMAS	Xmas G To L Songs
MRMCXMAS.KRT	XMAS	Xmas M To R Songs
SZMCXMAS.KRT	XMAS	Xmas S To Z Songs

When a presenter wishes to play a song from the sixties he will have two methods of selection he can select the folder for the sixties and this will list all songs in the 60's folder. He then can select one song and drop it on one of the play decks, Or he can select folder "Karts" which will display all available category carts (116) one of the four carts AFMC1960, GLMC1960, MRMC1960, SZMC1960, which then can be dropped on the play decks, this will select the next song in the stack, which hasn't been played.

The filename isn't important to the ordinary presenter but the description of each category cart, will make selection of an item much easier.

Whilst the aim is to get a better rotation of songs to be used in live assist using wave cart, there is no reason why the carts can't be applied to certain shows in rhapsody.

All category cart files created will be stored in directory Folder "Kart" with the exception of artist carts which will be stored in directory folder "ArtCart".

#### Other File Name Conventions

@@@0001.wav Comedy First 4 Letters of Program i.e. Goon0001.wav

#### Artist Carts

The use of artists carts can be used in a similar manner to category carts as above. Artist carts should only be created if the artist has 5 songs or more on the database. That way we limit the amount you will have to page through.

## = Artists Initials      KAEJ1970.krt = Elton John 1970's  
 KABE0001.krt = Beatles All Decades/Songs  
 KABG0001.krt = Bee Gee's All Decades/Songs  
 KA910001.krt = 911 All Songs

#### Summary Database Management.

All waves must be maintained titled and edited within wavestation machines. No changes to main database files in either program will be reflected in either program unless they were generated in wavestation and we update the import of the database file into natural music.

Ultimately, it will be only additions to the wavestation database or deletions which will need to be catered for in both database's.

For safety reasons it will be prudent to keep backup copies of the dbase files only, on cdrw as well as perhaps stored on one of the studio machines. Natural music has it's own backup facility built in, which back's up to a zip file which is very useful.

#### File Id's

*Audio.mdb    Wavestation*  
*999kHz.nmd   Natural Music*

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These notes are a second draft of some info, basic rules and guidelines which we will need to use as a base for the administration of our system. As we develop and implement I would foresee a more detailed guidelines being produced which will help future staff to understand how it works and what needs to be done.

PJ