IAML Australia Conference 2015 "Portals and Pathways"

1 – 2 October 2015, Sydney

Kindly supported by Australian Music Centre, APRA AMCOS & Australian Institute of Music



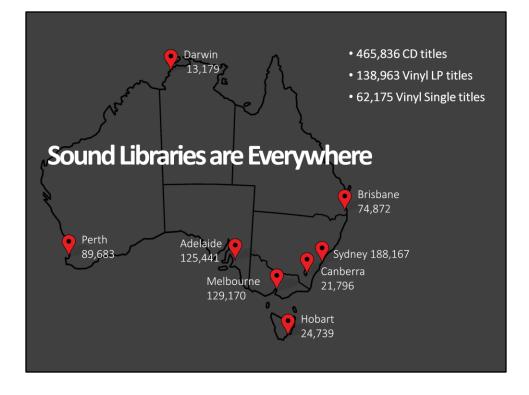
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#iamlsydney15



It sounds like a rather pompous title but it is accurate. As you know, the ABC covers the nation from coast to coast and... so do the Sound Libraries



Slide 2: There is a Sound Library located in every state and territory capital. They vary in size; the largest is at Ultimo with 215,330 holdings and Darwin the smallest with 13,179 holdings. Formats relating to musical and non-musical sound make up 95% of the collection.

Slide 2.1 Compact discs are still our preferred medium for sound recordings and we have 465,836 separate titles across all musical genres, popular and classical, including non-musical recordings such as talking books and sound effects. CDs make up 70% of the sound related material in the libraries.

Slide 2.2 Until recently the vinyl collection was closed since it was considered an obsolete format and the studios had no facility to play them. Never the less, vinyl has remained a significant part of the music collections across all genres and styles and our current figure of 138,963 Vinyl LP titles (33 1/3 rpm) is set to increase as the Sydney library works through an entire vault of discs.

Slide 2.3 To complete the vinyl component of our collections we also have 62,175 Vinyl single titles (45 rpm). There are some significant and fascinating titles held within our vinyl collections ranging from classic recordings to the truly bizarre. As you'll see vinyl has become something of a fascination for some radio clients as well as some of the library staff.



Although Sound Libraries cater for all program makers at the ABC, today I'm only going to talk about our radio clients. We cover all of the radio networks supplied across the country by the ABC; national, local and regional in over 70 locations.



Slide 4.1: On a day to day basis we operate as most libraries do and in a way that would be quite familiar to all of you.

Last month 657 information requests were handled in Sydney and Melbourne alone. These would range from quick album location (Do you have the latest release by Birds of Tokyo?) to more time consuming research ("Has anyone ever recorded the unpublished Dukas cantata Vélléda?" or "I'm doing an interview with Magdalena Kozena, get me some background information and a collection of her most significant recordings" or even, "We're putting together the Classic Top 100 program, [most of you will know that it's an extravaganza extending over 4 days]. Get a selection of CDs we can use for broadcast that will also be suitable for the commercial CD release.") **Slide 4.2:** Sydney and Melbourne operate a full reference service as well. We both have small book and journal collections and offer an inter-library loan service. Sydney also maintains a huge newspaper clipping file which is used exclusively by TV clients, mostly Media Watch.

There are two main factors that allow the Sound Libraries to supply services to so many locations, both local and remote and the first one is our catalogues...

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Slide 5: These are all available via the ABC intranet.

Slide 5.1: SOLID is possibly the most long lived database you'll ever come across. The sound collections were represented on it for over 30 years and it's only recently become a read only legacy database. It was created very much with classical and jazz content in mind and contains a detailed track database which is still of great value. **Slide 5.2:** On the same platform is the Sound Effects database which likewise has detailed track information complete with keyword descriptors.

Slide 5.3 & 5.4: In August last year Helix, an integrated library management system, went live as our main finding aid. Unlike the other catalogues it was not designed inhouse and is a standard public library system.

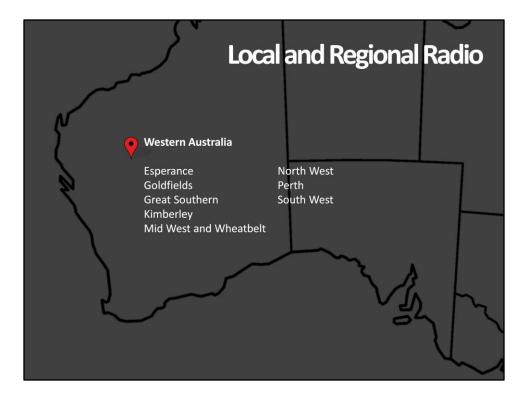


Slide 6: The other and perhaps most significant tool that allows the Sound Libraries to service locations as remote as Alice Springs and Mermaid Beach is Netia.

Slide 6.1: Netia is a workflow tool for radio and caters to all their requirements from ingest to play-out and archiving. The Sound Libraries are involved with all the processes excepting the last two. Radio programs are archived and managed by another part of the Content Services division dealing with managing ABC created content.

Slide 6.2: Netia isn't a digital repository and it's not a library system.

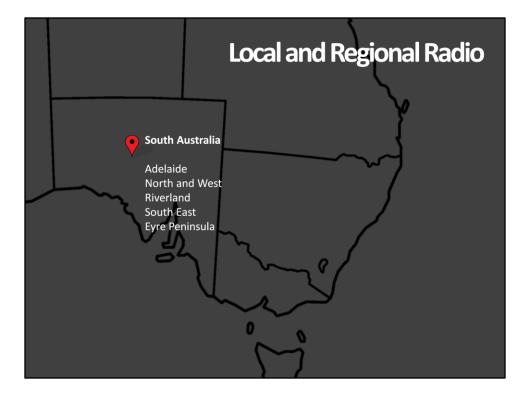
Slide 6.3: Track information is limited to say the least and so is the capacity. You might be able to see that there is a limit of 10,000 tracks in the LR Music folder. All of the folders are purged of any unlocked material from time to time to allow for new content.



All radio clients are connected via Netia.



There are 72 locations listed as transfer points on the system.



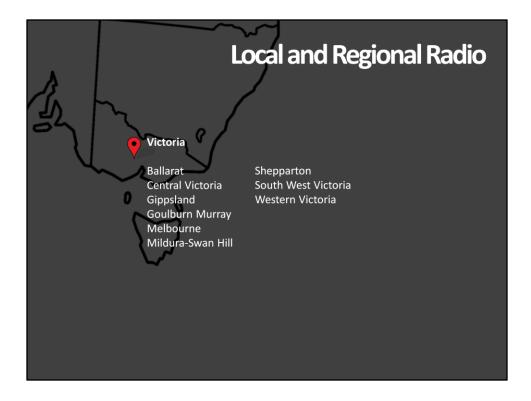
It is the tool that allows the Sound Libraries to deliver sound files....



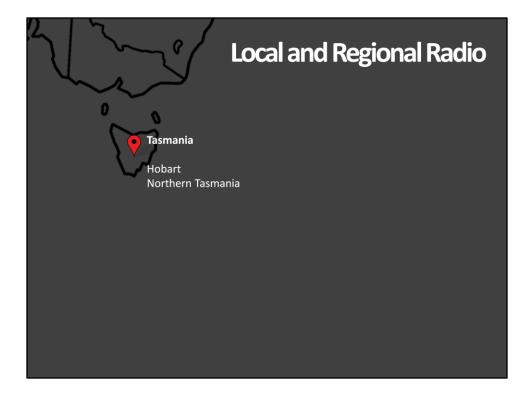
...to any client



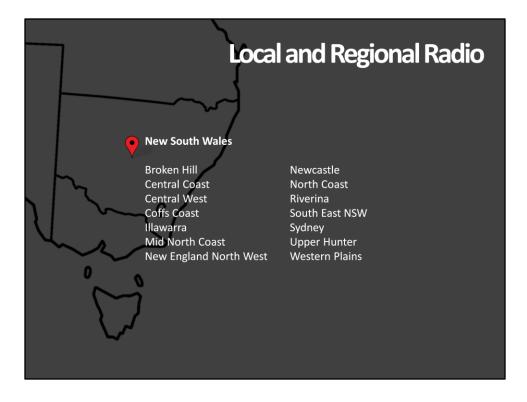
in any ABC location



...across the country.



It would be hard to imagine operating without it.



It also makes providing entire programs much simpler.

Programming for Radio & the ABC Sound Libraries

Segments

Features

Programming/Producing for Classic FM

A perfect fit!

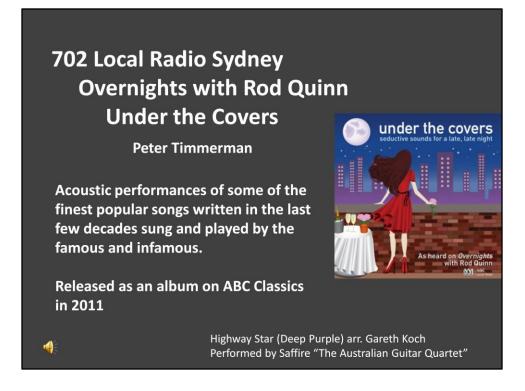
Slide 15: There are three ways the Sound Library staff provide radio programming. **Slide 15.1:** Segments are a small part of a larger program, usually about 20 minutes, featuring a themed selection of tracks, usually 4 or 5, which form the basis of a conversation between the program presenter and the programmer.

Slide 15.2: Features are topical and are only occasionally used by Classic FM to fill in time during intervals during live broadcasts.

Slide 15.3: Producing entire music programs for Classic FM is the third type.

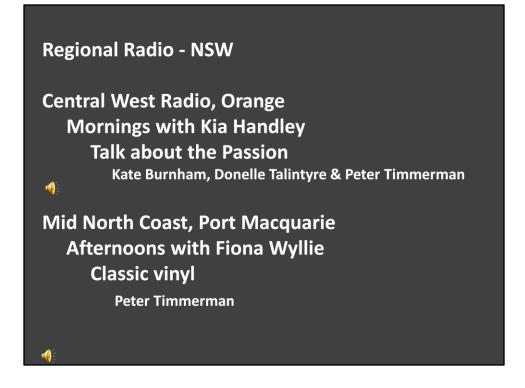
Why ask the library staff to do this? Well, if you think about it, we are perfectly placed in a number of ways to provide topical, interesting and accessible programming. Many of the staff in the Sound Library have an active interest in music and have one form of speciality or other and are able to provide their own perspective and expertise. This is rounded by the years for experience catering for our diverse clientele coupled with a deep knowledge of the collection. We also see all the new releases before anyone else.

Slide 15.4: As programmers go, we are just about perfect! Here are some examples of segment type programming;



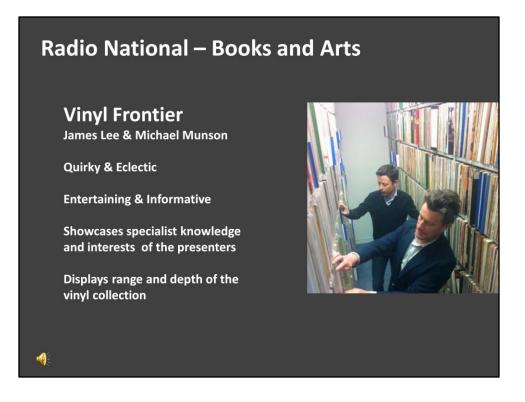
Peter Timmerman from the Ultimo Sound Library met Rod Quinn when they were both guests on a themed segment on the 702 Sydney local radio Evenings program. **Slide 16.1:** Rod enjoyed himself so much that he invited Pete to do a similar regular music spot on Overnights and this became Under the Covers. Of course the conversation was pre-recorded and played out from Netia, since Pete still has a day job.

Slide 16.2 & 16.3: The program was so popular with the local radio audience that ABC Music released a compilation from the program as a commercial disc. Unfortunately for our overnight listeners Pete's been so busy with other radio work that he hasn't been able to continue with this one for a while.



Again from the Ultimo Sound Library; Kate Burnham, Donelle Talintyre and Pete Timmerman are all involved in creating these monthly 20 minute shows for Orange in central NSW. As you can hear from the excerpt, the programs are light and conversational. The selections are personal and due to the variety of co-presenters range over classical and popular according to the enthusiasms and expertise of the creator. Programs have ranged from Non Love Songs as we've heard, features on classical composers, Zappa vs Ravel, Euro-Jazz, Songs of Peace and Protest and many more, as they say. Some notes are supplied to the program presenter, the tracks are sent via Netia and the conversation takes place between sound studios in Ultimo and Orange.

Slide 17.1: Play Audio....Pete put together this promo for his Classic Vinyl segment for Port Macquarie and he does something very similar for the Sunshine Coast as well. He presents albums he likes, there's no script and the conversation is light and the selection is personal. Obviously it's a format that appeals to listeners.



: James Lee and Michael Munson from the Sound Library in Melbourne provide a more researched approach for their program the Vinyl Frontier on Radio National for Books & Arts. (click to play audio)

Slide 18.2: As you can hear, each program is organised around a theme and all of the tracks are originally on vinyl but have to be digitised because there are no turntables in the studios. It's a varied program but always with a quirky side. Themes have covered subjects as diverse as;

Music by Nuns (Sister Janet Mead etc...) and Singing Aussie Actors like Ed Deveraux and Tony Bonner from Skippy. Programs may also include classical music; Shame & Scandal featured Percy Grainger and Eugene Goossens along with Milli Vanilli and George Michael. Not very often you'll come across a single show with those 4 combined.

Slide 18.3 & 18.4: They have even played an excerpt from Stockhausen's Stimmung in their Vocalising program. Could be a Radio National first!



There was much excitement in late 2013 when the Ring Cycle was performed in Melbourne after a hiatus of almost exactly 100 years. Classic FM were of course on the spot capturing every second of the music but there were intervals to fill with interviews and features. Classic FM producer Haig Burnell asked me to create 4 features and as long as they were Wagner related, I was given complete freedom to do what I liked.

Slide 19.1: The most obvious one was a look at the first ring cycle in Melbourne in 1913. Wonderful Classic FM and Radio National presenters supplied their voices and talents to enliven my script and the fabulously Haig Burnell even got Sir Andrew Davis to do the voice for the impresario Thomas Quinlan who first brought the Ring to Melbourne. (click to play audio)

Slide 19.2: The remaining 3 programs featured great Australian Wagnerians of the past. The music selections I chose were expertly woven into the words by Classic FM producer Ngaire Duffield.



Here we come to the third category, programming music for an entire show. (Play audio)...That'll be a familiar sound to any of you who listen to Classic FM. I'm certainly not the only library staff member who has programmed in this way for Classic FM. Recently Peter Timmerman has been busy with programming for Drive and most notably, Anne Jarvis from the Adelaide Sound Library has been frequently seconded to Classic FM to cover illnesses and leave. She's a very experienced and much respected programmer who has only recently returned to the library after 18 months working on Mornings with Christopher Lawrence.

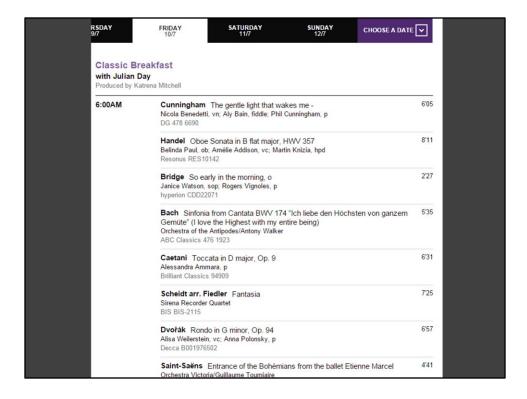
Classic FM are heavily reliant on music for their programs, so let me take you through 24 hours on the network and you'll see how it's put together and how the ABC Sound Library collections are put to good use.



Breakfast is from 6-9am. There is a local content requirement for about 40% AP and 10% AC. It's considered a very important program from Classic FM as it's not only the starting point for the day for many of us, but an introduction to the entire network and hints at the riches on offer if you care to stick around. Julian Day is your entertaining and companionable presenter who relates interesting information about the music, upcoming concerts and highlights of the coming day.

	ABC CLASSI	C FM WORKSHEET		ABC CLASSIC FM WORKSHEET					
PRESENTER: DAY PRODUCER: MITCHELI		DAY & DATE: Fri 100715 TIME: 0600 to 0900 Sheet no.: 1 of 3	PRESENTER: PRODUCER:	DAY MITCHELL	DAY & DATE: Fri 1007 TIME: 0600 to Sheet no.: 2 of 3				
l.		Friday, 10 July 2015			7:00am NEWS				
		CLASSIC BREAKFAST Julian Day <u>6:00am</u> Produced by Katrena Mitchell	Tr 14 AP AC Last day of 1	7'19 NAIDOC week.	Ross Edwards Dawn mantra Matthew Boyle, didg; Syd Children's Choir: Cantil Jane Sheldon, sop; Jim F shakuhachi; Bixon Thomas anglaig; Ian Clevorth, B perce; Lyn Williams	ney lation; ranklin, , SQI			
Tr 12	6'05	Cunningham The gentle light that wakes me - Nicola Benedetti, yn;			ABC Classics 481 1909	7'19			
		<pre>Alg Bain, fiddle; Phil Cunningham, p DG 478 6690 6'05</pre>	Tr 1	2'09	Assad Recife dos Corais reef) - Marc Regnier, M Sartor, gtra Reference Recordings FR-	arco			
Tr 16-18 AP - Belinda Paul NR	8'11	Handel Obce Sonats in B flat major, HWV 357 - Belinda Paul, ob; <u>Amélia</u> Addison, Ygr Martin Knizia, hod Resonus RES10142 8'11	Tr 18-19	5'10	d'Indy Sérénade et valse Iceland Symphony Orchest Gamba Chandos CHSA 5157	, Op. 28 -			
CD 2 Tr 10	2'27	Bridge So early in the morning, o - Janice Watson, sop; Rogers Vigmolds, P Dimetion, CDD22071 2'27	Tr 13-14 NR Running late	5'52 for the train music?	Prokofiev Studes, Op. 2, minor and No. 2 in E min Garrick Ohlsson, p	No. 1 in			
CD 2 Tr 10 AP	5'35	Bach Sinfonis from Cantata BWV 174 "Sch liebe den Bochsten von genzem Gemüthe" (I love the Highest with my entire being) - Orchestra of the Antipodes/Antony Walker ABC Classics 476 1323 5735	Tr 6 AP	7'01	hyperion CDA68080 Bach, C.P.E. III Allegre Sonata in B flat major, 2/HS78 - Ensemble of the Era ABC Classics 456 365-2	tto from Mg 161, No			
Tr 6	6'31	Castani Toccata in D major, Op. 9 - Alessandra Armara, p Brilliant Classics 94909 5'31	Tr 9 Ap	1'57	Confrey Dizzy fingers - p Hyperion CDA67967	Piers Lane			
Tr 16	7*25	Scheidt arr. Fieller Fantasia - Sizana Recorder Quartet BIS BIS-2115 7'25	Tr 3 NR	8*11	Bermann III Andantino fr Souvenirs de voyage - T Ensemble	om he Nash			
Ir 5	£' 57	Dvořák Rondo in G minor, Op. 94 - Alisa Hellsratein, vz: Anna Rokonsky, P Decca BOO1576502 6'57	Tr 19 AP	3139	Hyperion CDA68094 ALBUM OF THE WEEK Westlake If I had words Symphony Orchestra/Nigel				
Tr 19 AP	4' 41	Saint-Saëns Entrence of the Bohémians from the ballet Stienne Marcel - Orchestra	AC Apologies to TT 41'18	M. Saint-Saëns	ABC 481 1819	3'39			
TT 47'52 AP 18'27		Victoria/Guillaume Tourniaire Melba MR 301130 4'41	AP 19'56 AC 7'19						

This is part of the worksheet that the presenter has before them in the studio. The left side has information to assist the presenter such as the track number, duration, Australian content indicator and any notes about related events, anniversaries etc... The right has the information about the recording being played and is the information that will appear in the music listings on the Classic FM website.



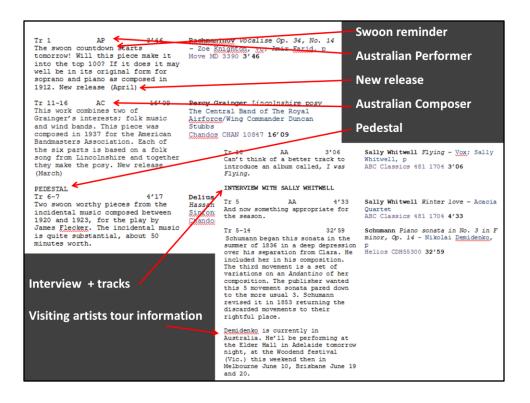
The tracks are all of short duration but the music selection is broad; popular classical, a little jazz or a little world music. Starting softly and easily through the first hour and picking up the pace as the morning progresses. There are some regular segments like the feature for Album of the week and currently the Swoon segment.



Mornings takes over from 9am-12pm. The Australian component is almost the same as for breakfast with a requirement for 40% AP and 5% AC. Shorter tracks at the start of the show provide a smooth transition from the Breakfast format to the more extended works that will make up the bulk of Mornings. This also allows for the timing to be right if there is a guest to be interviewed. Interviews are mostly around touring artists or upcoming performances across the country. This ties in neatly with the topical nature of this show which is based around events, anniversaries, tours and concerts. Christopher mentions all of the main components of the show. The weekly featured "pedestal" composer, an interview and the weekly segment called The Past and The Curious with Phillip Sametz.

ABC CLASSIC	FM WORKSHEET	ABC CLASSIC FM WORRSHEET					
PRESENTER: LAWRENCE PRODUCER: MITCHELL	DAY & DATE: Thu 040615 TIME: 0900 to 1200 Sheet no.: 1 of 1	PRESENTER: LAWRENCE PRODUCER: MITCHELL	DAY & DATE: Thu 040615 TIME: 0900 to 1200 Sheet no.: 2 of 1				
Dn the Pedestal: Frederick Delius (1862-1934)	Thursday, 4 June 2015 MORNINOS Guy Noble Music selected by Katrena Mitchell	Tr 18 AA 3'06 Can't think of a better track to introduce an album called, I was Flying. INTERVIEW WITH SALLY WHITWELL	Sally Whitwell Flying - Yox; Sal Whitwell, p ABC Classics 481 1704 3'06				
	9:05am Heald Mornings Theme Australian Chamber Occhestra 1'00	Tr 5 AA 4'33 And now something appropriate for the season.	Sally Whitwell Winter love - Acac Quartet ABC Classics 481 1704 4'33				
TWO guests today: Sally Whiteell (9:30) and Steven <u>Isserlis</u> (10:30)	Pedestal theme uses mult from: Chopin Etude No. 1 in C sajor. Op. 10/1 Louis Eprise, piano Chandos 8482 015 R Strams Thus Golde Zarthustrs, Op. 30 Vienna Fhilhammonic Orchestra/André Zerlin Telarg 80167 0'06	included her in his composition. The third movement is a set of variations on an Andantino of her composition. The publisher wanted this 5 movement sonate pared down to the more usual 3. Schumann revised it in 1853 returning the discarded movements to their					
IT 1 AP 3'46 The swoon countdown starts tomorrow! Will this piece make it into the top 100? If it does it may well be in its original form for soprano and piano as composed in 1912. New release (April)	Rachmaninoy Vocalise Op. 34, No. 14 - Zoe <u>Kaldhton</u> , Y2; Amir <u>Yarid</u> , p Hove ND 3390 3'46	rightful place. <u>Demidenko</u> is currently in Australia, He'll be performing at the Elder Hall in Adelaide tomorrow night, at the Nooden festival Welbourne June 10, Bribbane dune 19 an 20.					
Tr 11-16 AC 16''9 This work combines two of Grainger's interests; folk music and wind bands. This picce was composed in 1937 for the American Bandmasters Association. Each of the six parts is based on a folk song from lincolnshire and together they make the posy. New release (March)	Percy Grainger Lincolnhire posy The Central Band of The Boyal <u>Alfforder</u> Wing Commander Duncan <u>Ghandon</u> CHAN 10847 16'09	PELESTAL AP 5'02 CD 1 To 10 big one that made Delium' international reputation. Composed in 1912, it is based on a Norwegian folk song 'In Ola Velley' which was brought to his attention by Percy Grainget.	Delius On hearing the first cucko in Spring - Adelaide Symphony Orchestra/Carl <u>Pini</u> ABC Classics 401 1143 6'02				
PEDESTRI 4'17 fr 6-7 4'17 two swoon worthy pieces from incidental music composed between 1920 and 1923, for the play by mame <u>Flecker</u> . The incidental music is quite substantial, about 50 sinutes worth.	Delius Internezzo and Serenade from Massan - The Bournemouth Sinfoniets/Norman Del Mar Chandos CHAN 5372 4/17	Tr 13 840 Steven Immeries performing the music of his Grandfather Vulius. Something of his Russian Background is evident in this ballade which was dedicated to Pablo Camais. INTERVIEW WITH STEVEN ISSERLIS	J. <u>Isserlis</u> Ballade in A minor - Steven <u>Isserlis</u> , <u>vc</u> ; Sam Haywood, Hyperion CDA06025 8'40				

This is a program I did for Guy Noble while both Christopher and Anne were on holidays. Apart from the inclusion of what I always hope are helpful notes, let's focus on a few of the details....



(Double click) The first piece has a top of the program reminder about the Classic FM Top 100 Countdown which this year was a revisit of the Swoon theme.

Slide 26.2 & 26.3: (Double click) This item also features Australian performers and (Click) was a new release.

Slide 26.4: (Double click) The following piece is obviously by an Australian composer **Slide 26.5: (Double click)** this is then followed by another short piece this time featuring the pedestal composer for the week Frederick Delius.

Slide 26.6 & 26.7: (Double click) Slightly later in the program is the interview with Sally Whitwell. The interview is top and tailed by selections from her new album on ABC Classics "I was flying".

26.8: (Double click) Finally, the following piece is a long one which also features information about Nikolai Demidenko who was touring Australia at the time.



Midday from 12-1pm is one of the rare spoken word programs on CFM. The interviews are conducted by Margaret Throsby and include notable guests from all walks of life. The music content is programmed by the guests themselves as they talk about their lives and the music that is important to them.

Slide 27.1: In her introduction Margaret mentions a number of ways that Classic FM is available from anywhere, at any time, and of course many of these programs are available to listen to later at your convenience. It's all accessible via the classic FM webpage.



Afternoons extends from 1-4pm and requires a local component of 40% AP and 5% AC. Presentation of this program is currently shared between Damien Beaumont (Mon-Wed) and Mairi Nicolson (Thur-Fri). It takes over where Mornings left off and as well as a range of pleasant and approachable classical music, it may also include partial or complete concerts, mostly pre-recorded. Generally the programmed music is complete pieces of longer duration, nothing too dramatic but pleasant listing that could accompany any afternoon tasks our audience may be engaged in.



Drive covers the homeward commute for most people between 4pm and 7pm. Again the local content is 40% AP and 15% AC. The show contains an easy listening, engaging and relaxing selection of music to accompany the homeward journey whether actually driving or battling the public transport system. The much loved host Julia Lester has recently retired and Kevin Roper has been sitting in for her and continues the friendly chatty style of presentation that complements the wide ranging music included in this program. Predominantly classical it can include crossover artists, there's even a little room for shortish tracks of contemporary music that might be considered a little edgy for other times of the day.

Both Breakfast and Drive are considered to be "gateway" programs. The tracks are relative short in duration, there's a great variety of content and the classical music is generally of an easy listening style; all important factors for introducing classical music to a wider audience.



Evenings spans from 7pm to midnight. The Australian component is small at 10% Australian performers and composers, but is often easily exceeded. Like Afternoons, the hosting is shared between Simon Healey (Mon-Tue) and Julie Howard (Wed-Fri). Much of the show is made up of concert performances; live to air or pre-recorded. Classic FM are present at all of the main classical music festivals around Australia and of course internationally you can hear the BBC Proms and many other European music festivals without even leaving your chair.



To complete our 24 hours at Classic FM there is Overnights, extending from midnight to 6am. It is 100% AP and 5% AC. This is a selection of mainstream classical works performed by Australian musicians that will take the listener through the night until Breakfast wakes the rest of us up from 6am. If you love the ABC Classics label, this is your time to indulge.

Of course it's a 24/7 network and weekends follow a similar format. Colin Fox has made Weekend Breakfast his own with selections of classical music interspersed with excerpts from musicals, comic sketches, Album of the week and mystery tenors. Until recently Marion Arnold has been a fixture of weekend mornings. Afternoons provide a variety of information and entertainment based programs with Keys to Music, The Opera Show, Music Makers, For the God Who Sings, Sunday Recital, Screen Sounds and on into the evening with Sunday Opera.



What I've been telling you about programming for Classic FM has relied on my direct experience which is now almost entirely obsolete. Recently Classic FM has created a National Programming Unit based in Sydney and their programming and scheduling tool will be... **Slide 32.1:** GSelector.

GSelector already used by a number of ABC Networks such as Triple J, ABC Jazz, ABC country and ABC 2. The complexity of classical music presents a number of issues for the GSelector system which Classic FM is working through with the vendor.

It can be used as a fully automated system or as a tool that provides a starting point for a more traditional programming approach.

Background rules govern the selection of varied and appropriate works. Descriptors may be applied as well as mood, energy and tempo indicators. The end result, always approved by one of the programming unit staff, is what goes to air.

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5 7:16:28 AM	AM	80790	1000 00	Hyde, Miri		Marsh Birds	04:40	-	AMU 86		r (flute) + James		76 - Category		3 Ends
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8 7:32:11 AM	HR	716	ABC Clas		eorge Frideric	Rodelinda: Io t'abbraccio	05:19		Richard Bonynge: The Op		zzo-soprano) + Sy	Richard B	100	2	0 ALBI
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10 7:39:33 AM	P	36860	DECCA	Sheng, Bri	lo ^t	Seven Tunes Heard In China, for cello: 3. The Little Cabbage	01:55		Solo	Alisa Wellerstein		1	76 - Categor		3 Writ
11 7:41:28 AM	16	77452	ABC Clas	Guerrero,	Fancisco	Surge propera amica mea a 6 (instrumental version)	04:59		Guerrero: Missa Surge Pro	Orchestra of the	Renaissance	P chard Ch	100	100	0 Spa
12 7:46:27 AM	18	29791	DECCA	Bach, Joh	arn Sebastian	Partita for keyboard No. 4 in D major, BWV 828 (BC L-9. 7	01:55		Dances	Benjamin Grosver	nor (piano)		76 - C. Legory	8	6 Rec
13 7:48:22 AM	1					End Hour	00:00				/		/		TOT
#: 8 AM D	ypart	Classic Bre	eakfast(Normal)	Clock: Clas	Breakfast Hour	3 Lowest Avg: 76.55 Score Avg: 84/3							/		
1 8:00:00 AM						ETM_00:00_Hard_LinderOver_Limit_00:00_0_0_						/	Gap:00:00		
2 8:00:00 AM	NW				1	8:00 AM News (5 min)	05:00					/			
3 8:05:00 AM	TH					Classic Breakfast Theme	00:07								
4 8:05:07 AM	L 19	46661	Naxos	Meyerbee	Giacomo	Le prophète, grand opera in 5 acts: coronation March (Act 4)	03:16		Meyerbeer: Overtures an	New Zealand Syn		D reli Ang	84 - Vocalist	8	7 Gerr
5 8:08:23 AM	L18	38701 J	112 DECCA	Mozart, W	bifgang Amadeus	Die Zauberflöte (The Magic Flute) opera, K. 620: Dies Bildni.	03:58		The The Best of Jonas Ka	Jonas Kaufmann	(tenor) + Mahler	Claudio Ab	76 - Category	8	4 SW
6 8:12:21 Ab	L20	52858	Move	Osborne,	avid	Another Tango for ensemble	03:38		Wordless Meanings	Raga Dolls Salor	Orchestra		74 - Vocalist	8	2 The
7 8:15:59 AT	L20	12016 2	H72 DECCA	Shostako	ch, Dmitri	Moscow, Cheryomushki, Operetta, Op. 105: Suite Dances (05:09		Cheryomushki; The Bolt; T	Philadelphia Ch	esta	Erez Ofer	76 - Category	8	6 Most
8 8:21:08 AM	L20	32711	Deutsche	. Morel, Jo	pe -	Danza brasilera, for guyar	03:12		Latino	Miloš Karagogić	/		76 - Category	8	7 Arg
9 8:24:20 41	L19	47353	Sony Clas.	Wagner,	schard	Lohengrin, opera, WW 75: Vorspiel zum Dritten Aufzug	03:22		New Year's Concert 2013	Vena Viharno	nic Orciestra	Franz Wels	76 - Category	8	3 Ende
	gh	Ro	tatio	n			Low	es	st score 🖊						
Hi	0														
		+ -	Com	nos	~ /		010	-	ll score						

This is a segment from Breakfast this morning.

Slide 33.1 (double click): One track is on High rotation. It's Album of the Week so different tracks will be played at various times over the course of the week.

Slide 33.2 (double click): In this case Artist is used for composer and

Slide 33.3 (double click): the duration is given

Slide 33.4 (double click): the background rules show themselves as a score, the first giving the section that has received the lowest score, which in this case has been the chronological category and

Slide 33.5 (double click): an overall score for the piece which indicates that it or something similar has been played before. The programmer is then free to assess this and possibly make another selection. Of course Album of the Week gets a perfect score of 100 indicating it's absolutely perfect for that position in the show.

•		Fi	nd	Clear						
	And	Or 🔊					File no		ack based	
)	Barton, William									
)	Basden, David									
2	Bassano, Giovanni									
2	Bataille, Gabriel						E Packet		. Work ba	read
C	Batchelor, Phyllis						Packet			iseu
2	Bath, Hubert									
>	Batt, Mike									
>	Batterham, Andrew									
>	Baudelaire, Charles									
)	Bautista Monterde, Bernad		Cata	. / Pac	Label	Artist		Runtime	Abum	Musician
>	Bax, Arnold	v		0765 8655	EMI	Beethover	Symphony Nr. 4 in B flat major, Op. 60 - Larghetto		Beethoven: Complete Sy	André Cluytens + 8
2	Beamish, Sally	L		0766 8655	EMI	Beeth ven			Beethoven: Complete Sy	André Cluytens + 8
>	Beaser, Robert			0768 B655	EMI	Beethoven			Beethoven: Complete Sy	André Cluytens + 8
2	Beath, Betty	¥ 0 1		0769 8655	EMI	Beethoven	symphony No. 4 in B flat major, Op. 60 - Adagio		Beethoven: Complete Sy	André Cluytens + E
2	Bebey, Francis	¥ • L		0770 B655	EMI	Beethover	Symphony No. 4 in B flat major, Op. 60 - Menuetto (Allegro		Beethoven: Complete Sy	André Cluytens + E
2	Becaud, Gilbert	¥ 0 1		0771 B655	EM	Beethoven			Beethoven: Complete Sy	André Cluytens + 8
2	Becker, Irene	¥ 0 L		0891 8614	EMI	Beethoven			Beethoven: Piano Trios &	Daniel Barenboim +
1	Beethoven, Ludwig van	¥ 0 1		0892 8614	EMI	Beethoven			Beethoven: Plano Trios &	Daniel Barenboim +
S	Beilharz, Kirsty	¥ 0 L		0893 8614	EMI	Beethoven			Beethoven: Plano Trios &	
2	Bell, Thom	¥ 0 L		/		Beethoven			Beethoven: Piano Trios &	Daniel Barenboim 4
S	Belinati, Paulo	¥ 0 2		1110 8682	SONY	Beethoven			Beethoven: Violin Concert	
2	Belini, Vincenzo	¥ 0 2		1111 8682	SONY	Beethoven			Beethoven: Volin Concert	
2	Bellotte, Pete	¥ 0 2	-	1112 B682	SONY	Beethoven			Beethoven: Violin Concert	Baltimore Symphon
,	Belmonte, Jose	-		1118 6682	EMI	Beethoven			Beethoven: Voin Concert	London Symphony
		¥ 0 2		1119 8682	EMI	Beethoven		and a second	Beethoven: Violin Concert	
		¥ 0 2		1120 8682	EMI	Beethoven			Beethoven: Violin Concert	London Symphony
		¥ 0 1		1120 0002 1121 P054	EMI	Beethoven			Beethoven: Violin Concert	
		¥ 0 2		2610 B682	EMI	Beethoven			Classic Beethoven	Constantin Silvestri
		¥ 0 L		2614 2861	EMI	Beethoven			Classic Beethoven	Dame Moura Lympa
		¥ 0 2		2679 8682	EMI	Beethoven			Classic Seasons: Autumn	Adrian Boult + Jose
		¥ 0 2		6067 B682	DECCA	Beethoven			Kyung Wha Chung Plays B	
		¥ 0 7		6068 8682	DECCA	Beethoven	Violin Concerto in D mator, Op.61: II. Larghetto		Kyung Wha Chung Plays B	

There are a number of ways to retrieve content, by composer, performer, arranger or historical period. Here is an example of a composer search and some of the features of the works listed. This is actually one screen which I've divided so you can see it better. The data can be sorted by any of the fields. Most of the fields are self evident but you'll also notice some numbers....

Slide 34.1: There are two fields of system generated numbers; the file number is unique to each sound file, that is each track and

Slide 34.2: Works are identified by a system produced unique number. As you can see the Beethoven violin concerto lists two different performers.

Currently there are 17,000 active tracks in the database and these are refreshed from the pool of 66,000 tracks which are still accessible via the advanced search option. Sound tracks are stored in a 7TB drive in a Flac format and they are transferred to the Netia playout system from there.

Notes are available from a number of locations within the database which the presenter can access or can be printed out as part of the worksheet.

This system is still very much under development and perhaps in the future I might be able to be in a position to tell you about it in more detail.