

How to create a complete DVB-S channel listing for Sage using the following

DVBE4SAGE

XMLTV Importer for Sage

For getting the EPG information I would suggest using the excellent EPG Collector as this will grab the Sky EPG data. Please refer to other posts on the forums on how to set this up

1: Firstly install and set up Dvbe4sage, sage and XMLTV importer for sage. I would suggest running in the EPG data ready for later on.

2: Test that dvbe4sage is working correctly and you have your satellite bouquet set up eg.

BouquetName=BSkyB Bouquet 1 - DTH England

3: Run Dvbe4sage. Note that it creates a log in its root directory. Open this log file

Scanning down this log file once it has fully initialised, you should find lines such as the follow

```
2011-08-23 19:58:59.935 #2: Found in Bouquet="BSkyB Bouquet 1 - DTH England"
```

```
2011-08-23 19:58:59.936 #2: Mapped SID=6501, ONID=2, TSID=2006, Channel=246, Name="Home", Type=1, Running Status=4
```

```
2011-08-23 19:58:59.938 #1: Mapped SID=8085, ONID=2, TSID=2004, Channel=2000, Name="Sky Active", Type=130, Running Status=4
```

```
2011-08-23 19:58:59.939 #2: Mapped SID=6502, ONID=2, TSID=2006, Channel=532, Name="Ede n", Type=1, Running Status=4
```

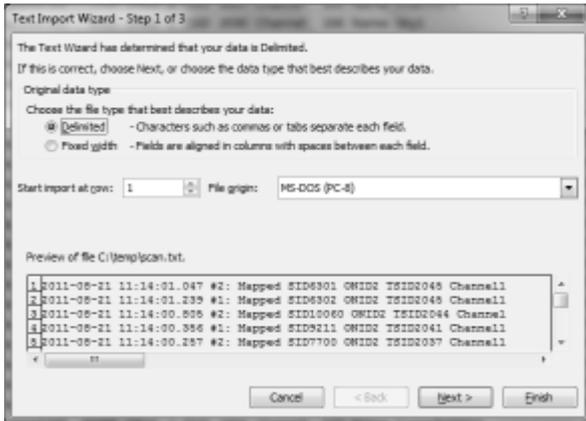
```
2011-08-23 19:58:59.941 #1: Mapped SID=3802, ONID=2, TSID=2005, Channel=408, Name="Sky Sports HD1", Type=25, Running Status=4
```

If you do proceed to the next step as you have dvbe4sage set up

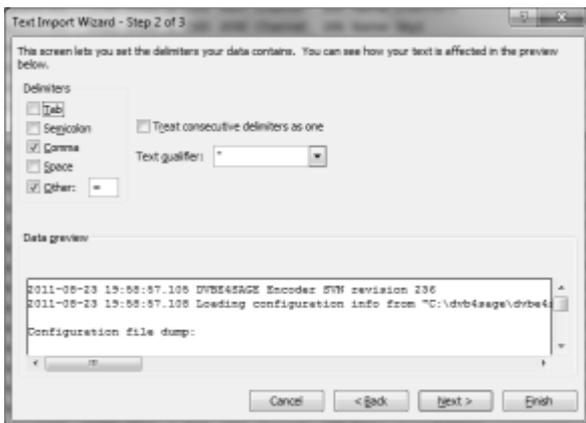
4: Copy this file onto a pc that has Microsoft Excel running. Save it as "scan.txt"

5: From Microsoft Excel open the file scan.txt that you have just saved

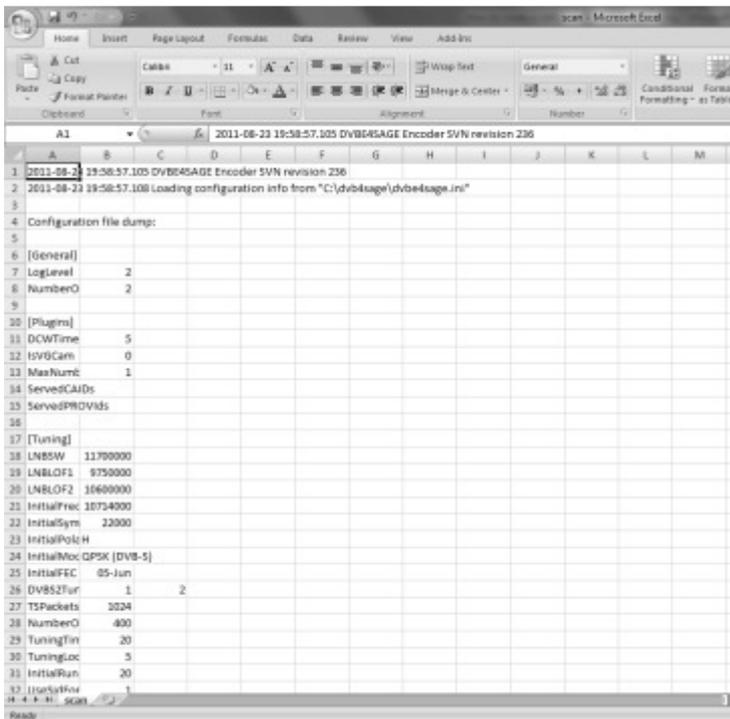
6: Open it as a delimited file



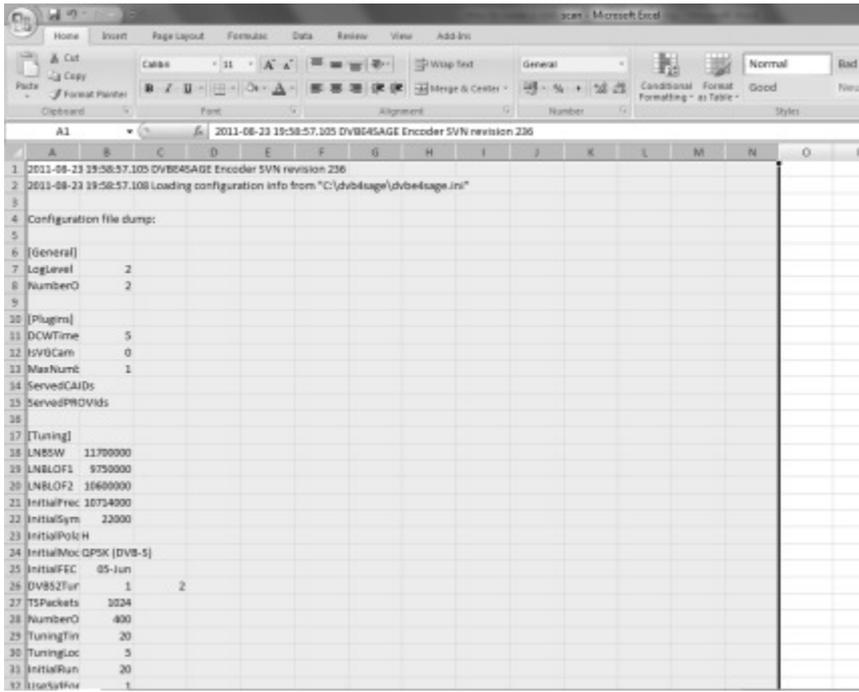
7: Set the delimiters as follows ( selecting both Comma and Other with the Equals sign )



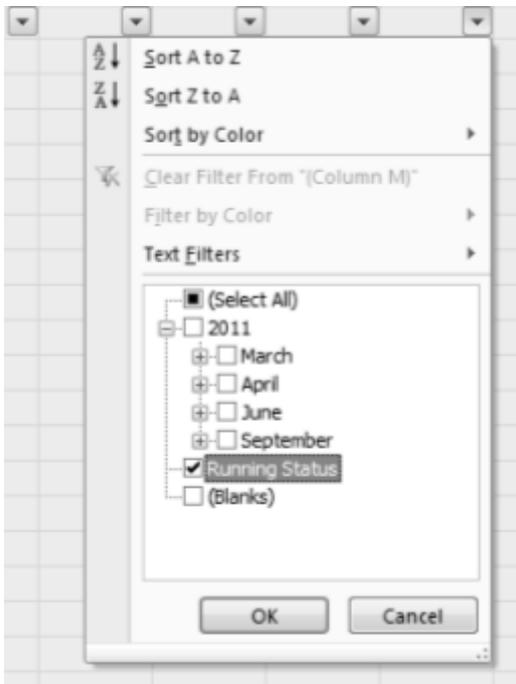
8: You should now have something like this



9: Highlight columns A to N



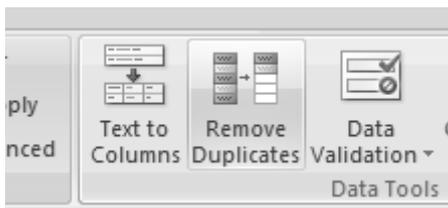
10: Filter column M on "Running Status" only



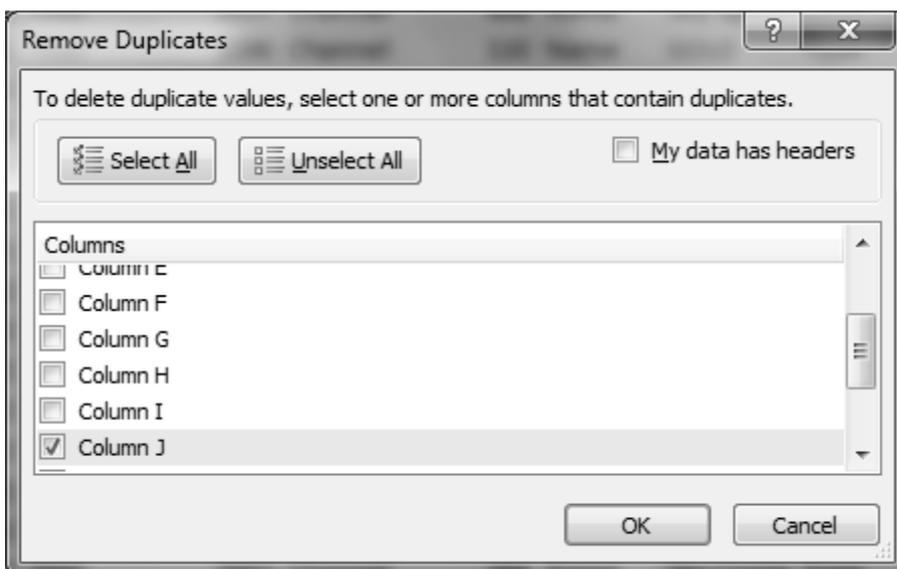
11: You should end up with just the channels discovered by dvbe4sage

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	2011-08-2	19:58:1	105 ONID	SAGE EN	SER SVN	Division 2									
343	2011-08-2	2870	ONID	2	TSID	2003	Channel	633	Name	Disney XD	Type	25	Running	4	
342	2011-08-2	3932	ONID	2	TSID	2003	Channel	225	Name	ITV2 HD	Type	25	Running	4	
343	2011-08-2	3933	ONID	2	TSID	2003	Channel	228	Name	ITV3 HD	Type	25	Running	4	
344	2011-08-2	3934	ONID	2	TSID	2003	Channel	227	Name	ITV4 HD	Type	25	Running	4	
346	2011-08-2	6901	ONID	2	TSID	2006	Channel	246	Name	Home	Type	1	Running	4	
347	2011-08-2	8085	ONID	2	TSID	2004	Channel	2000	Name	Sky Active	Type	130	Running	4	
348	2011-08-2	6902	ONID	2	TSID	2006	Channel	532	Name	Eden	Type	1	Running	4	
349	2011-08-2	3802	ONID	2	TSID	2005	Channel	408	Name	Sky Sports	Type	25	Running	4	
350	2011-08-2	6904	ONID	2	TSID	2006	Channel	110	Name	GOLD	Type	1	Running	4	
351	2011-08-2	3866	ONID	2	TSID	2005	Channel	172	Name	Sky Living	Type	25	Running	4	
352	2011-08-2	6905	ONID	2	TSID	2006	Channel	537	Name	YESTERDAY	Type	1	Running	4	
353	2011-08-2	6901	ONID	2	TSID	2006	Channel	246	Name	Home	Type	1	Running	4	
354	2011-08-2	6906	ONID	2	TSID	2006	Channel	111	Name	Dave	Type	1	Running	4	
355	2011-08-2	6902	ONID	2	TSID	2006	Channel	532	Name	Eden	Type	1	Running	4	
356	2011-08-2	6908	ONID	2	TSID	2006	Channel	249	Name	Good Foo	Type	1	Running	4	
357	2011-08-2	6520	ONID	2	TSID	2006	Channel	109	Name	Watch	Type	1	Running	4	
358	2011-08-2	6521	ONID	2	TSID	2006	Channel	152	Name	alibi	Type	1	Running	4	
359	2011-08-2	6522	ONID	2	TSID	2006	Channel	534	Name	Mighty	Type	1	Running	4	
360	2011-08-2	6904	ONID	2	TSID	2006	Channel	110	Name	GOLD	Type	1	Running	4	
361	2011-08-2	4302	ONID	2	TSID	2007	Channel	305	Name	Sky Actor	Type	1	Running	4	
362	2011-08-2	6905	ONID	2	TSID	2006	Channel	537	Name	YESTERDAY	Type	1	Running	4	
363	2011-08-2	4303	ONID	2	TSID	2007	Channel	304	Name	Sky Come	Type	1	Running	4	
364	2011-08-2	6906	ONID	2	TSID	2006	Channel	111	Name	Dave	Type	1	Running	4	
365	2011-08-2	4304	ONID	2	TSID	2007	Channel	309	Name	Sky SciFi	Type	1	Running	4	
366	2011-08-2	6908	ONID	2	TSID	2006	Channel	249	Name	Good Foo	Type	1	Running	4	
367	2011-08-2	4305	ONID	2	TSID	2007	Channel	311	Name	Sky Classi	Type	1	Running	4	
368	2011-08-2	6520	ONID	2	TSID	2006	Channel	109	Name	Watch	Type	1	Running	4	
369	2011-08-2	4306	ONID	2	TSID	2007	Channel	312	Name	Sky Indie	Type	1	Running	4	
370	2011-08-2	6521	ONID	2	TSID	2006	Channel	132	Name	alibi	Type	1	Running	4	
371	2011-08-2	4803	ONID	2	TSID	2007	Channel	306	Name	Sky Famil	Type	1	Running	4	
372	2011-08-2	6522	ONID	2	TSID	2006	Channel	534	Name	Waltte	Type	1	Running	4	

12: Now remove any duplicates, this will vary depending on your version of Excel



Select only Column J



13: Now sort using column H



You should end up with something like this

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	2011-01-2	30	ONID	2	TSID	20	Channel	101	Name	Sky Active Ads	Type	1	Running	4
341	2011-08-2	6301	ONID	2	TSID	2045	Channel	101	Name	BBC 1 London	Type	1	Running	4
342	2011-08-2	6302	ONID	2	TSID	2045	Channel	102	Name	BBC 2 England	Type	1	Running	4
343	2011-08-2	30250	ONID	2	TSID	2053	Channel	103	Name	ITV1 Anglia 5	Type	1	Running	4
344	2011-08-2	30160	ONID	2	TSID	2053	Channel	103	Name	ITV1 Yorks W	Type	1	Running	4
346	2011-08-2	7451	ONID	2	TSID	2014	Channel	103	Name	ITV1 Central E	Type	1	Running	4
347	2011-08-2	7450	ONID	2	TSID	2014	Channel	103	Name	ITV1 Central S	Type	1	Running	4
348	2011-08-2	12101	ONID	2	TSID	2036	Channel	103	Name	ITV1 Mer N	Type	1	Running	4
349	2011-08-2	12100	ONID	2	TSID	2036	Channel	103	Name	ITV1 Mer SE	Type	1	Running	4
350	2011-08-2	12110	ONID	2	TSID	2036	Channel	103	Name	ITV1 Anglia W	Type	1	Running	4
351	2011-08-2	12130	ONID	2	TSID	2036	Channel	103	Name	ITV1 TT S	Type	1	Running	4
352	2011-08-2	12120	ONID	2	TSID	2036	Channel	103	Name	ITV1 Yorks E	Type	1	Running	4
353	2011-08-2	30090	ONID	2	TSID	2044	Channel	103	Name	ITV1 London	Type	1	Running	4
354	2011-08-2	30100	ONID	2	TSID	2044	Channel	103	Name	ITV1 Central W	Type	1	Running	4
355	2011-08-2	30080	ONID	2	TSID	2044	Channel	103	Name	ITV1 Granada	Type	1	Running	4
356	2011-08-2	30090	ONID	2	TSID	2044	Channel	103	Name	ITV1 Anglia E	Type	1	Running	4
357	2011-08-2	30030	ONID	2	TSID	2049	Channel	103	Name	ITV1 West	Type	1	Running	4
358	2011-08-2	30040	ONID	2	TSID	2049	Channel	103	Name	ITV1 W Country	Type	1	Running	4
359	2011-08-2	30140	ONID	2	TSID	2053	Channel	103	Name	ITV1 Meridian S	Type	1	Running	4
360	2011-08-2	30141	ONID	2	TSID	2053	Channel	103	Name	ITV1 Meridian E	Type	1	Running	4
361	2011-08-2	30120	ONID	2	TSID	2053	Channel	103	Name	ITV1 Border	Type	1	Running	4
362	2011-08-2	30130	ONID	2	TSID	2053	Channel	103	Name	ITV1 TT N	Type	1	Running	4
363	2011-08-2	9211	ONID	2	TSID	2041	Channel	104	Name	Channel 4	Type	1	Running	4
364	2011-08-2	7700	ONID	2	TSID	2037	Channel	105	Name	Channel 5	Type	1	Running	4
365	2011-08-2	4703	ONID	2	TSID	2030	Channel	106	Name	Sky 1	Type	1	Running	4
366	2011-08-2	4028	ONID	2	TSID	2030	Channel	107	Name	Sky Living	Type	1	Running	4
367	2011-08-2	4712	ONID	2	TSID	2030	Channel	108	Name	Sky Atlantic	Type	1	Running	4
368	2011-08-2	6520	ONID	2	TSID	2006	Channel	109	Name	Watch	Type	1	Running	4
369	2011-08-2	6504	ONID	2	TSID	2006	Channel	110	Name	GOLD	Type	1	Running	4
370	2011-08-2	6506	ONID	2	TSID	2006	Channel	111	Name	Dave	Type	1	Running	4
371	2011-08-2	5904	ONID	2	TSID	2025	Channel	112	Name	ComedyCentral	Type	1	Running	4
577	2011-08-2	55731	ONID	2	TSID	7304	Channel	113	Name	113HITSAL	Type	1	Running	4

14: For channels like ITV and BBC Select your preferred region deleting the others, not BBC entries start in the 971+ range. Check that you only have one entry for these type of channels eg only one entry for channel 103.

15: Sort the spreadsheet by Column L.

This is the type of channel 1=SD, 25=HD, 2 = Radio

Remove any unwanted numbers such as 130.

16: Remove any unwanted channels.

17: Now Highlight columns A to N

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	2011-01-01	90	ONID	TSID	20	Chann	Name	Sky Active Ads	Type	Running						
341	2011-08-2	6301	ONID	2	TSID	2045	Channel	101 Name BBC 1 London	Type	1 Running	!					
342	2011-08-2	6302	ONID	2	TSID	2045	Channel	102 Name BBC 2 England	Type	1 Running	!					
343	2011-08-2	30250	ONID	2	TSID	2053	Channel	103 Name ITV1 Anglia 5	Type	1 Running	!					
344	2011-08-2	30160	ONID	2	TSID	2053	Channel	103 Name ITV1 Yorks W	Type	1 Running	!					
346	2011-08-2	7451	ONID	2	TSID	2014	Channel	103 Name ITV1 Central E	Type	1 Running	!					
347	2011-08-2	7450	ONID	2	TSID	2014	Channel	103 Name ITV1 Central S	Type	1 Running	!					
348	2011-08-2	12101	ONID	2	TSID	2036	Channel	103 Name ITV1 Mer N	Type	1 Running	!					
349	2011-08-2	12100	ONID	2	TSID	2036	Channel	103 Name ITV1 Mer SE	Type	1 Running	!					
350	2011-08-2	12110	ONID	2	TSID	2036	Channel	103 Name ITV1 Anglia W	Type	1 Running	!					
351	2011-08-2	12130	ONID	2	TSID	2036	Channel	103 Name ITV1 TT S	Type	1 Running	!					
352	2011-08-2	12120	ONID	2	TSID	2036	Channel	103 Name ITV1 Yorks E	Type	1 Running	!					
353	2011-08-2	30090	ONID	2	TSID	2044	Channel	103 Name ITV1 London	Type	1 Running	!					
354	2011-08-2	30100	ONID	2	TSID	2044	Channel	103 Name ITV1 Central W	Type	1 Running	!					
355	2011-08-2	30080	ONID	2	TSID	2044	Channel	103 Name ITV1 Granada	Type	1 Running	!					
356	2011-08-2	30090	ONID	2	TSID	2044	Channel	103 Name ITV1 Anglia E	Type	1 Running	!					
357	2011-08-2	30030	ONID	2	TSID	2049	Channel	103 Name ITV1 West	Type	1 Running	!					
358	2011-08-2	30040	ONID	2	TSID	2049	Channel	103 Name ITV1 W Country	Type	1 Running	!					
359	2011-08-2	30140	ONID	2	TSID	2053	Channel	103 Name ITV1 Meridian S	Type	1 Running	!					
360	2011-08-2	30141	ONID	2	TSID	2053	Channel	103 Name ITV1 Meridian E	Type	1 Running	!					
361	2011-08-2	30120	ONID	2	TSID	2053	Channel	103 Name ITV1 Border	Type	1 Running	!					
362	2011-08-2	30130	ONID	2	TSID	2053	Channel	103 Name ITV1 TT N	Type	1 Running	!					
363	2011-08-2	9211	ONID	2	TSID	2041	Channel	104 Name Channel 4	Type	1 Running	!					
364	2011-08-2	7700	ONID	2	TSID	2037	Channel	105 Name Channel 5	Type	1 Running	!					
365	2011-08-2	4703	ONID	2	TSID	2030	Channel	106 Name Sky1	Type	1 Running	!					
366	2011-08-2	6028	ONID	2	TSID	2030	Channel	107 Name Sky Living	Type	1 Running	!					
367	2011-08-2	4712	ONID	2	TSID	2030	Channel	108 Name Sky Atlantic	Type	1 Running	!					
368	2011-08-2	6520	ONID	2	TSID	2006	Channel	109 Name Watch	Type	1 Running	!					
369	2011-08-2	6504	ONID	2	TSID	2006	Channel	110 Name GOLD	Type	1 Running	!					
370	2011-08-2	6506	ONID	2	TSID	2006	Channel	111 Name Dave	Type	1 Running	!					
371	2011-08-2	5904	ONID	2	TSID	2025	Channel	112 Name ComedyCentral	Type	1 Running	!					
372	2011-08-2	55731	ONID	2	TSID	2394	Channel	113 Name Universal	Type	1 Running	!					

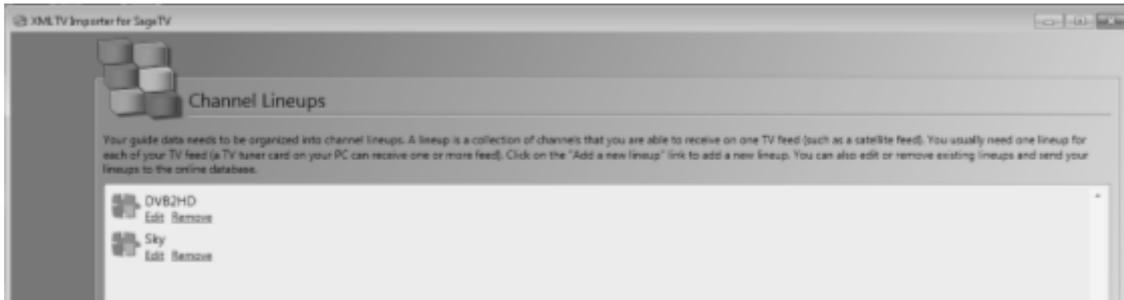
Copy these columns into the Data worksheet on the spreadsheet ( into the same columns ) I have also attached with this guide

18: Now select the XMLTV worksheet also in this spreadsheet. It should contain the XMLTV Importer XML you need. Eg.

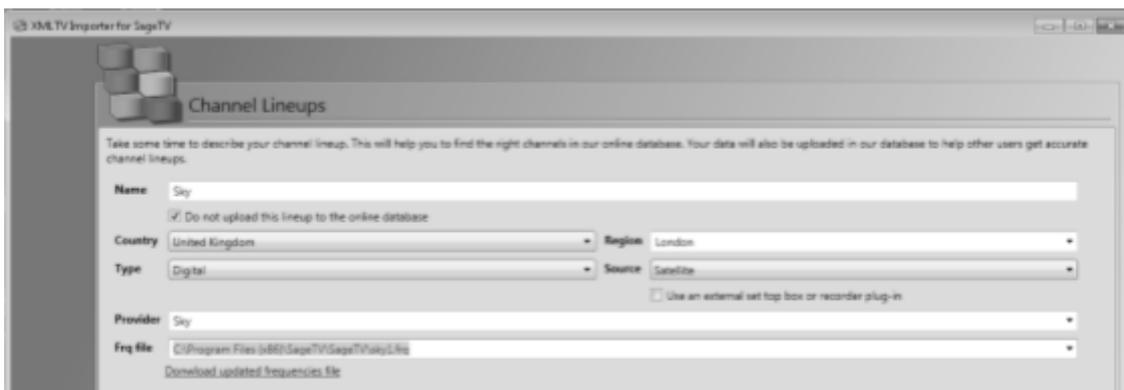
	A	B	C	D
1	BBC1.LONDON.GBR	BBC1.LONDON	False	<channel id="BBC1.LONDON.GBR" name="BBC 1 London" call-sign="BBC1.LONDON" number="137373" user-number="301" time-offset="0" xmitv-id="6301" allow-hd="False" />
2	BBC2.ENG.LONDON.GBR	BBC2.ENG.LONDON	False	<channel id="BBC2.ENG.LONDON.GBR" name="BBC 2 England" call-sign="BBC2.ENG.LONDON" number="137374" user-number="302" time-offset="0" xmitv-id="6302" allow-hd="False" />
3	ITV1.LONDON.GBR	ITV1.LONDON	False	<channel id="ITV1.LONDON.GBR" name="ITV1 London" call-sign="ITV1.LONDON" number="341132" user-number="103" time-offset="0" xmitv-id="10066" allow-hd="False" />
4	Channel4.GBR	Channel4	False	<channel id="Channel4.GBR" name="Channel 4" call-sign="Channel4" number="140283" user-number="204" time-offset="0" xmitv-id="9211" allow-hd="False" />
5	Channel5.GBR	Channel5	False	<channel id="Channel5.GBR" name="Channel 5" call-sign="Channel5" number="136772" user-number="305" time-offset="0" xmitv-id="7700" allow-hd="False" />
6	Sky1.GBR	Sky1	False	<channel id="Sky1.GBR" name="Sky1" call-sign="Sky1" number="135775" user-number="106" time-offset="0" xmitv-id="4703" allow-hd="False" />
7	SkyLiving.GBR	SkyLiving	False	<channel id="SkyLiving.GBR" name="Sky Living" call-sign="SkyLiving" number="137300" user-number="107" time-offset="0" xmitv-id="6028" allow-hd="False" />
8	SkyAtlantic.GBR	SkyAtlantic	False	<channel id="SkyAtlantic.GBR" name="Sky Atlantic" call-sign="SkyAtlantic" number="135784" user-number="108" time-offset="0" xmitv-id="4712" allow-hd="False" />
9	Watch.GBR	Watch	False	<channel id="Watch.GBR" name="Watch" call-sign="Watch" number="137592" user-number="309" time-offset="0" xmitv-id="6520" allow-hd="False" />
10	GOLD.GBR	GOLD	False	<channel id="GOLD.GBR" name="GOLD" call-sign="GOLD" number="137576" user-number="110" time-offset="0" xmitv-id="6504" allow-hd="False" />
11	Dave.GBR	Dave	False	<channel id="Dave.GBR" name="Dave" call-sign="Dave" number="137578" user-number="111" time-offset="0" xmitv-id="6506" allow-hd="False" />
12	ComedyCentral.GBR	ComedyCent	False	<channel id="ComedyCentral.GBR" name="ComedyCentral" call-sign="ComedyCentral" number="136976" user-number="112" time-offset="0" xmitv-id="5904" allow-hd="False" />
13	Universal.GBR	Universal	False	<channel id="Universal.GBR" name="Universal" call-sign="Universal" number="136342" user-number="113" time-offset="0" xmitv-id="5573" allow-hd="False" />
14	Syfy.GBR	Syfy	False	<channel id="Syfy.GBR" name="Syfy" call-sign="Syfy" number="185087" user-number="114" time-offset="0" xmitv-id="5485" allow-hd="False" />
15	BBCTHREE.GBR	BBCTHREE	False	<channel id="BBCTHREE.GBR" name="BBC THREE" call-sign="BBCTHREE" number="157395" user-number="115" time-offset="0" xmitv-id="6515" allow-hd="False" />
16	BBCFOUR.GBR	BBCFOUR	False	<channel id="BBCFOUR.GBR" name="BBC FOUR" call-sign="BBCFOUR" number="137488" user-number="116" time-offset="0" xmitv-id="6416" allow-hd="False" />
17	ITV2.GBR	ITV2	False	<channel id="ITV2.GBR" name="ITV2" call-sign="ITV2" number="341342" user-number="118" time-offset="0" xmitv-id="10070" allow-hd="False" />
18	ITV3.GBR	ITV3	False	<channel id="ITV3.GBR" name="ITV3" call-sign="ITV3" number="341332" user-number="119" time-offset="0" xmitv-id="10080" allow-hd="False" />
19	ITV4.GBR	ITV4	False	<channel id="ITV4.GBR" name="ITV4" call-sign="ITV4" number="341344" user-number="120" time-offset="0" xmitv-id="10072" allow-hd="False" />
20	SkyLiving+1.GBR	SkyLiving+1	False	<channel id="SkyLiving+1.GBR" name="Sky Living+1" call-sign="SkyLiving+1" number="137101" user-number="121" time-offset="0" xmitv-id="6029" allow-hd="False" />
21	SkyLiving+2.GBR	SkyLiving+2	False	<channel id="SkyLiving+2.GBR" name="Sky Living+2" call-sign="SkyLiving+2" number="137102" user-number="122" time-offset="0" xmitv-id="6030" allow-hd="False" />
22	SkyLiving+L.GBR	SkyLiving+L	False	<channel id="SkyLiving+L.GBR" name="Sky Living+L" call-sign="SkyLiving+L" number="137097" user-number="123" time-offset="0" xmitv-id="6025" allow-hd="False" />
23	FX.GBR	FX	False	<channel id="FX.GBR" name="FX" call-sign="FX" number="136587" user-number="124" time-offset="0" xmitv-id="5515" allow-hd="False" />
24	Challenge.GBR	Challenge	False	<channel id="Challenge.GBR" name="Challenge" call-sign="Challenge" number="137203" user-number="125" time-offset="0" xmitv-id="6031" allow-hd="False" />
25	MTV.GBR	MTV	False	<channel id="MTV.GBR" name="MTV" call-sign="MTV" number="136073" user-number="126" time-offset="0" xmitv-id="7001" allow-hd="False" />
26	ComedyCrim+1.GBR	ComedyCrim	False	<channel id="ComedyCrim+1.GBR" name="ComedyCrim+1" call-sign="ComedyCrim+1" number="181572" user-number="127" time-offset="0" xmitv-id="50300" allow-hd="False" />
27	ComedyCrimX.GBR	ComedyCrimX	False	<channel id="ComedyCrimX.GBR" name="ComedyCrimX" call-sign="ComedyCrimX" number="136503" user-number="128" time-offset="0" xmitv-id="5431" allow-hd="False" />
28	Sky2.GBR	Sky2	False	<channel id="Sky2.GBR" name="Sky2" call-sign="Sky2" number="136176" user-number="129" time-offset="0" xmitv-id="5104" allow-hd="False" />
29	SkyLivingLoves+1.GBR	SkyLivingLoves	False	<channel id="SkyLivingLoves+1.GBR" name="SkyLivingLoves+1" call-sign="SkyLivingLoves+1" number="137104" user-number="130" time-offset="0" xmitv-id="6032" allow-hd="False" />
30	ITV1+1.GBR	ITV1+1	False	<channel id="ITV1+1.GBR" name="ITV1+1" call-sign="ITV1+1" number="343237" user-number="131" time-offset="0" xmitv-id="12105" allow-hd="False" />
31	alibi.GBR	alibi	False	<channel id="alibi.GBR" name="alibi" call-sign="alibi" number="137593" user-number="132" time-offset="0" xmitv-id="6521" allow-hd="False" />
32	ITV1+1+1.GBR	ITV1+1+1	False	<channel id="ITV1+1+1.GBR" name="ITV1+1+1" call-sign="ITV1+1+1" number="136677" user-number="133" time-offset="0" xmitv-id="3805" allow-hd="False" />

19: Create a new .frq file in the sagetv directory eg skyfrq

20: Now In XMLTV Importer, select channel lineups



21: Click on “Add a new lineup” and enter the information as below, selecting your region and the empty .frq file you created

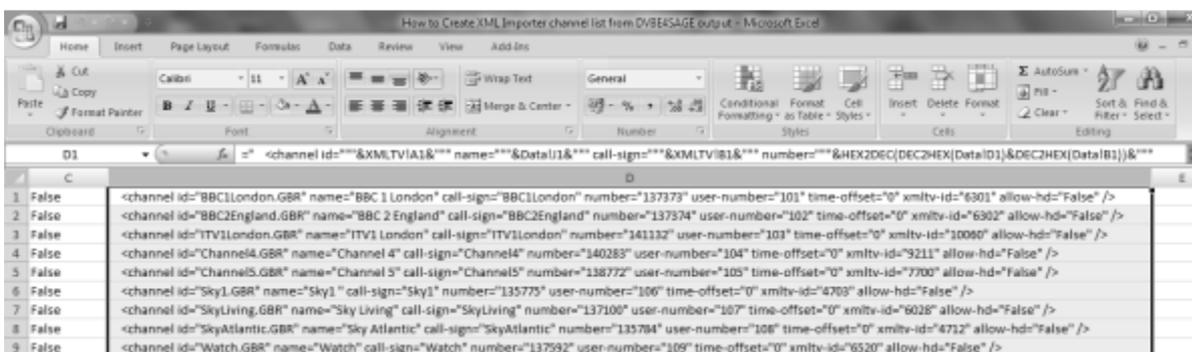


22: Note no channels will be found, Click OK.



23: Now close XMLTV Importer.

24: Copy the XML in column D of the XMLTV worksheet we created earlier



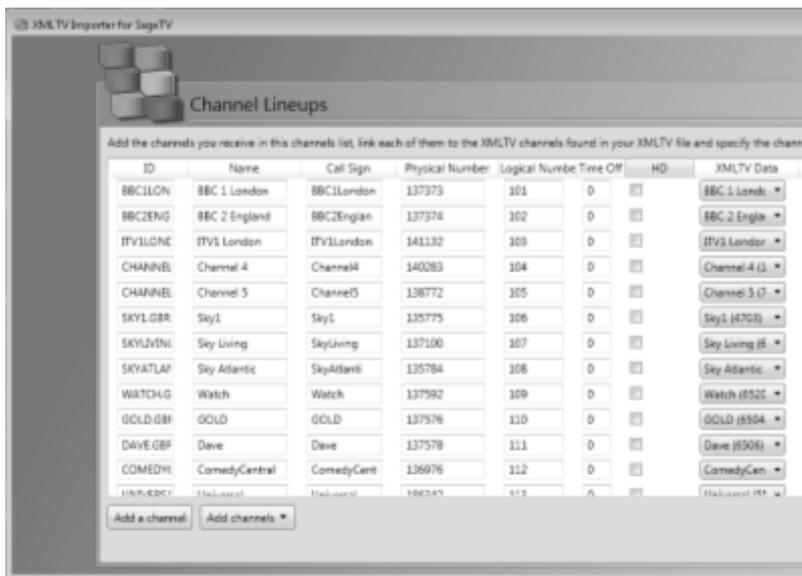
25: Paste this into the XMLTV lineups.xml file, usually found in C:\ProgramData\LM Gestion\SageTV XMLTV Importer ( it may be wise to take a copy of this file before you change it.

Look for the line up with the name of "Sky", paste the data between this and the </lineup> entry

```
lineups - Notepad
File Edit Format View Help
<!-- lineup id="1" name="sky" country="GB" region="London" provider="sky" tv-standard="numeric" tv-source="Satellite" -->
<channel id="BBC1LONDON.GBR" name="BBC 1 London" call-sign="BBC1London" number="137373" user-number="101" time-offset="0" -->
<channel id="BBC2ENGLAND.GBR" name="BBC 2 England" call-sign="BBC2Englan" number="137374" user-number="102" time-offset="0" -->
<channel id="ITV1LONDON.GBR" name="ITV1 London" call-sign="ITV1London" number="141132" user-number="103" time-offset="0" -->
<channel id="CHANNEL4.GBR" name="Channel 4" call-sign="Channel4" number="140283" user-number="104" time-offset="0" -->
<channel id="CHANNEL5.GBR" name="Channel 5" call-sign="Channel5" number="138772" user-number="105" time-offset="0" -->
<channel id="SKY1.GBR" name="Sky1" call-sign="sky1" number="135775" user-number="106" time-offset="0" mltv-ic="1" -->
<channel id="SKYLIVING.GBR" name="Sky Living" call-sign="SkyLiving" number="137100" user-number="107" time-offset="0" -->
<channel id="SKYATLANTIC.GBR" name="Sky Atlantic" call-sign="SkyAtlantic" number="135784" user-number="108" time-offset="0" -->
<channel id="WATCH.GBR" name="Watch" call-sign="watch" number="137592" user-number="109" time-offset="0" mltv-ic="1" -->
```

26: Save this file

27: Restart XMLTV, and go back to the Sky lineup you created earlier, this time select Edit. Goto the channels page, you should see all your channels, with the correctly calculated physical and logical numbers required by dvbe4sage



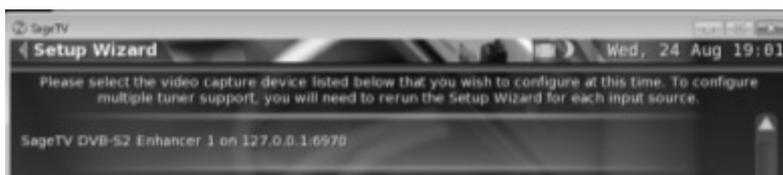
28: Now run the "Update Guide Data" option in XMLTV

29: Finally set up your TV source in Sage goto setup -> setup video sources

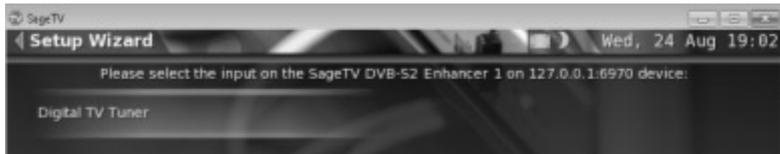
Select "Add new source"



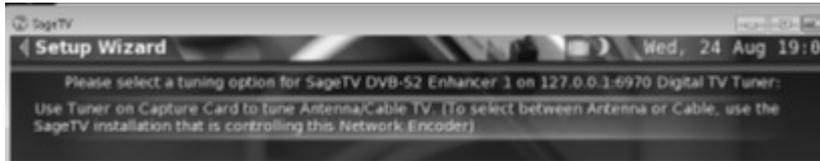
30: Select the DVBE4Sage virtual tuner



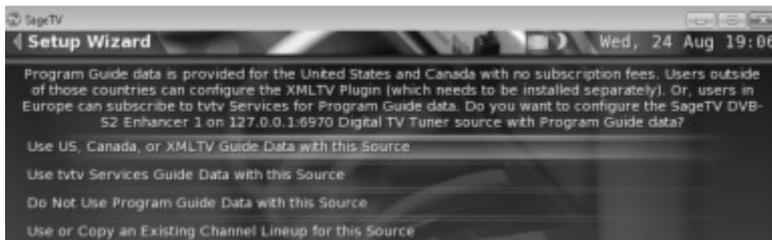
31: Select Digital Tuner



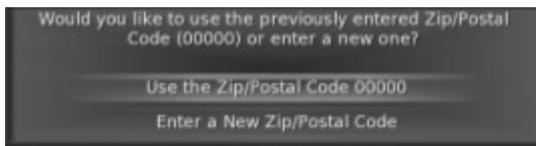
32: Select the only option presented as below



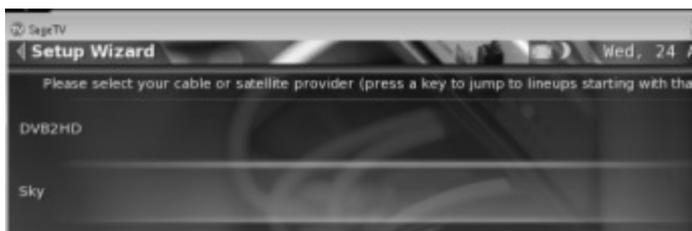
33: Select "Use US, Canada or XMLTV Guide data with this source"



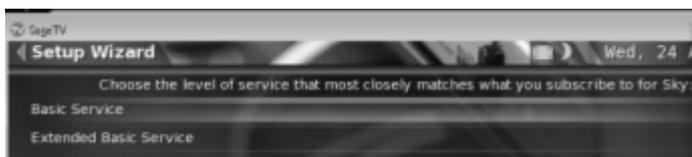
34: You should select zip/postal code 00000



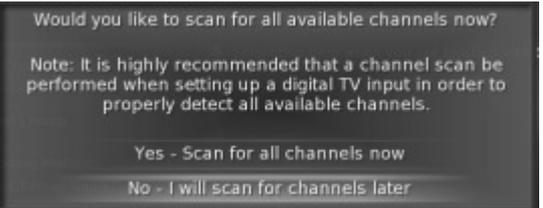
35: Select Sky ( or whatever you called your XMLTV Lineup )



36: Select Basic Service



37: Do not scan for channels



You should now see your lineup in Sage.