

TRANSPONDER SERVICE ASSIGNMENTS

PUBLIC TV INTERCONNECTION SYSTEM

FOR THE PERIOD

November 30, 2008 – February 11, 2009



PBS TRANSPONDER SERVICE ASSIGNMENTS

From November 26 to December 7, 2008 (NOTE: SCPC Frequency Changes**)

Ku-Band DVB Service & PID Number Assignments

Ku 21 (Horizontal) MCPC (9 Services)

Carrier Center Freq: 1370 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Ku 22 (Vertical) MCPC (2 Services)

Carrier Center Freq: 1390 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
DT2a	HD Channel Packaged	3	49	52	53	
DT3a	HD Occasional Services	4	65	68	69	

Ku 23 (Horizontal) SCPCs

511=1413 MHz, 512=**1419** MHz, 513=**1425** MHz / All use SR of 4.444 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
Future SCPC-HD Service						
511	SCPC	11	177	180	181	
512	SCPC	11	177	180	181	
513	SCPC	11	177	180	181	

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PBS TRANSPONDER SERVICE ASSIGNMENTS Continued **from Previous Page**

From November 26 -- December 7, 2008

Ku-Band DVB Service & PID Number Assignments

Ku 24 (Vertical) MCPC (9 Services)						
Carrier Center Freq: 1430 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4						
SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Updated on 11/26/08

PBS TRANSPONDER SERVICE ASSIGNMENTS

On Dec. 8 (Mon) NO SERVICES on Ku 24 - Use Ku 21 for MCPC Services

Ku-Band DVB Service & PID Number Assignments

Ku 21 (Horizontal) MCPC (9 Services)

Carrier Center Freq: 1370 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Ku 22 (Vertical) MCPC (2 Services)

Carrier Center Freq: 1390 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
DT2a	HD Channel Packaged	3	49	52	53	
DT3a	HD Occasional Services	4	65	68	69	

Ku 23 (Horizontal) SCPCs

511=1413 MHz, 512=1419 MHz, 513=1425 MHz / All use SR of 4.444 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
Future SCPC-HD Service						
511	SCPC	11	177	180	181	
512	SCPC	11	177	180	181	
513	SCPC	11	177	180	181	

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From December 8 to 9, 2008 ONLY

Ku-Band DVB Service & PID Number Assignments

**Ku 24 (Vertical) MCPC -- Under Construction for new SD Services to
begin on December 9, 2008**

Updated on 11/26/08

PBS TRANSPONDER SERVICE ASSIGNMENTS

On Dec. 9 (Tues) Create, V'me, World return to Ku 24--Note SD01 addition

Ku-Band DVB Service & PID Number Assignments

Ku 21 (Horizontal) MCPC (9 Services)

Carrier Center Freq: 1370 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Ku 22 (Vertical) MCPC (2 Services)

Carrier Center Freq: 1390 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
DT2a	HD Channel Packaged	3	49	52	53	
DT3a	HD Occasional Services	4	65	68	69	

Ku 23 (Horizontal) SCPCs

511=1413 MHz, 512=1419 MHz, 513=1425 MHz / All use SR of 4.444 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
Future SCPC-HD Service						
511	SCPC	11	177	180	181	
512	SCPC	11	177	180	181	
513	SCPC	11	177	180	181	

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On Dec. 9 (Tue) Create, V'me & World return on Ku-24

Ku-Band DVB Service & PID Number Assignments

Ku 24 (Vertical) MCPC (5 Services)						
Carrier Center Frequency: 1430 Mhz / Symbol Rate = 30.000 MS/sec / FEC: 3/4						
SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
Under Construction until December 21						
SD01	SD-Feed Channel	11	177	180	181	
SD02	Create	12	193	196	197	
SD03	V-me	13	209	212	213	
SD04	World	14	225	228	229	

Updated 11/26/08

PBS TRANSPONDER SERVICE ASSIGNMENTS

Dec 10 -- Beginning of HD04 Services on K 22

Ku-Band DVB Service & PID Number Assignments

Ku 21 (Horizontal) MCPC (9 Services)

Carrier Center Freq: 1370 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Ku 22 (Vertical) MCPC (2 Services)

Carrier Center Freq: 1390 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
DT2a	HD Channel Packaged	3	49	52	53	
DT3a	HD Occasional Services	4	65	68	69	

Ku 23 (Horizontal) SCPCs

511=1413 MHz, 512=1419 MHz, 513=1425 MHz / All use SR of 4.444 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
HD04	SCPC HD Feed Channel	3	49	52	53	
SD05	SCPC	11	177	180	181	
SD06	SCPC	11	177	180	181	
SD07	SCPC	11	177	180	181	

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From Dec. 9 - 20 Ku-24 is S01 - SD04 Only

Ku-Band DVB Service & PID Number Assignments

Ku 24 (Vertical) MCPC (5 Services)						
Carrier Center Frequency: 1430 Mhz / Symbol Rate = 30.000 MS/sec / FEC: 3/4						
SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
Under Construction until December 21						
SD01	SD-Feed Channel	11	177	180	181	
SD02	Create	12	193	196	197	
SD03	V-me	13	209	212	213	
SD04	World	14	225	228	229	

Updated 11/26/08

PBS AMC-21 TRANSPONDER SERVICE ASSIGNMENTS

Assignments for **December 21, 2008** to February 10, 2009

After February 10, 2009 T-21 becomes reserved for future use

Ku-Band DVB Service & PID Number Assignments

Ku 21 (Horizontal) MCPC (9 Services)

Carrier Center Freq: 1370 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
500	X	11	177	180	181	
501	NPS 1	12	193	196	197	198
502	NPS 2	13	209	212	213	
503	NPS 3	14	225	228	229	
504	NPS 4	15	241	244	245	
505	V'me	16	257	260	261	
540	XP	17	273	276	277	
506	World	18	289	292	293	
515	Create	19	305	308	309	

Ku 22 (Vertical) MCPC (2 Services)

Carrier Center Freq: 1390 Mhz / Symbol Rate = 30.0 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
HD01	HD Channel - East	3	49	52	53	
HD02	HD Channel - Pacific	4	65	68	69	

Ku 23 (Horizontal) SCPCs

HD04 = 1400 MHz / SR=14.029 MSps / FEC: 3/4

SD05=1413 MHz, SD06=1419 MHz, SD07=1425 MHz / All use SR of 4.444 MSps / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	
HD04	SCPC HD Feed Channel	3	49	52	53	
SD05	SCPC	11	177	180	181	
SD06	SCPC	11	177	180	181	
SD07	SCPC	11	177	180	181	

Ku 24 (Vertical) MCPC (5 Services)

Carrier Center Frequency: 1430 Mhz / Symbol Rate = 30.000 MS/sec / FEC: 3/4

SERVICE NAME	SCHEDULE	MPEG Service #	VIDEO & PCR PID #	AUDIO Service 1 PID #	AUDIO Service 2 PID #	AUDIO Service 3 PID #
HD03	HD Feed Channel	3	49	52	53	
SD01	SD-Feed Channel	11	177	180	181	
SD02	Create	12	193	196	197	
SD03	V-me	13	209	212	213	
SD04	World	14	225	228	229	