

EXHIBIT D

IPTV BULK CHANNEL LINEUP

***Subject to change**

2	C-SPAN
4	WINP (ION)
5	WPCB (INR)
6	KDKA (CBS)
7	WPGH (FOX)
8	WTAE (ABC)
9	WQED HD (PBS)
10	WPNT (MyTV)
11	Jewelry TV
12	WPXI (NBC)
14	Government Access
15	WPCW (CW)
16	The Weather Channel
17	C-SPAN2
18	Government Access
19	WGN America
20	QVC
22	HSN
23	TBS
24	MTV
25	USA Network
26	Nickelodeon
27	ESPN
28	ESPN2
29	AT&T SportsNet
30	NBC Sports Network
31	Golf Channel
32	CNN
33	HLN
34	FOX News Channel
35	PCNC
36	CNBC
37	TLC
38	Freeform
39	Food Network

40	Disney Channel
41	A&E
42	Lifetime
47	AMC
51	HGTV
52	TNT
53	HISTORY
54	Comedy Central
55	FX
56	BET
57	TV Land
58	Travel Channel
59	VH1
60	E!
61	Discovery
64	TCM
65	Cartoon Network
67	Animal Planet
72	BTN
75	Jewelry TV
88	HSN2
89	EVINE Live
98	Educational Access
100	PCN
103	Bloomberg TV
105	C-SPAN3
106	FOX Business Network
109	National Geographic Channel
111	Investigation Discovery
114	BBC America
117	WE tv
119	LMN
127	Syfy
128	Universal Kids
149	MoviePlex
151	OWN (Oprah Winfrey Network)
171	Hallmark Movies & Mysteries
173	TV One
175	Bravo
177	Oxygen
178	WGN America
179	GSN
180	NFL Network

183	MSNBC
184	EWTN
185	truTV
186	C-SPAN2
187	Hallmark Channel
188	The Comcast Network
189	UP
190	Leased Access
195	KDKA Decades
198	WPNT-Stadium
199	WQED Showcase (PBS)
200	WQED Kids (PBS)
201	WQED Create (PBS)
204	WTAE ThisTV
205	WPNT TBD
206	WPXI Laff TV
207	WPXI MeTV
208	WPGH AntennaTV
209	WPGH Charge TV
267	FXX
271	FOX Sports 1
275	NFL Network
280	EVINE Live
290	TBN
294	The Impact Network
295	INSP
297	Daystar
471	BTN Overflow
472	BTN Overflow
799	EWTN HD
802	KDKA HD (CBS)
803	WPGH HD (FOX)
804	WTAE HD (ABC)
805	WPCB HD (INR)
806	QVC HD
807	WINP HD (ION)
808	WPCW HD (CW)
809	HSN HD
811	WPXI HD (NBC)
812	WPNT HD (MyTV)
813	WQED HD (PBS)
815	The Weather Channel HD
816	HLN HD

817	CNN HD
818	MSNBC HD
819	CNBC HD
820	FOX News Channel HD
821	FOX Business Network HD
823	USA Network HD
824	FX HD
825	TNT HD
826	TBS HD
828	Comedy Central HD
829	Syfy HD
830	Hallmark Channel HD
831	A&E HD
832	Bravo HD
833	E! HD
834	EVINE Live
835	Lifetime HD
836	WE tv HD
837	TLC HD
838	HGTV HD
839	Food Network HD
840	Travel Channel HD
841	truTV HD
843	AT&T SportsNet HD
848	NBC Sports Network HD
849	Golf Channel HD
850	ESPN HD
851	ESPN2 HD
855	BTN HD
857	FOX Sports 1 HD
860	NFL Network HD
865	TV One HD
866	BET HD
868	Animal Planet HD
869	Discovery HD
870	Velocity HD
871	National Geographic HD
875	HISTORY HD
878	Cartoon Network HD
879	Nickelodeon HD
880	Disney Channel HD
881	Freeform HD
882	MTV Live HD

884	MTV HD
886	VH1 HD
887	UP HD
889	AMC HD
890	TCM HD
894	Hallmark Movies & Mysteries HD
895	LMN HD
896	OWN HD (Oprah Winfrey Network)
899	Investigation Discovery HD
920	FXX HD
1002	KDKA HD (CBS)
1004	WTAE HD (ABC)
1011	WPXI HD (NBC)
1013	WQED HD (PBS)
1016	WINP HD (ION)
1018	HSN HD
1019	WPCW HD (CW)
1030	QVC HD
1034	Jewelry TV
1037	EVINE Live
1040	WPCB HD (INR)
1042	WPNT HD (MyTV)
1052	HSN2
1053	WPGH HD (FOX)
1067	Jewelry TV
1070	Local Programming
1084	Government Access
1085	Government Access
1090	Educational Access
1097	Leased Access
1102	The Weather Channel HD
1110	FOX News Channel HD
1111	CNN HD
1112	HLN HD
1113	MSNBC HD
1121	CNBC HD
1122	Bloomberg TV
1123	FOX Business Network HD
1125	PCNC
1126	The Comcast Network
1127	PCN
1128	C-SPAN
1129	C-SPAN2

1130	C-SPAN3
1146	WQED Kids (PBS)
1147	WQED Create (PBS)
1148	WQED Showcase (PBS)
1165	KDKA Decades
1169	WPXI MeTV
1170	WPXI Laff TV
1173	WTAE ThisTV
1177	WPGH AntennaTV
1178	WPGH Charge TV
1181	WPNT TBD
1182	WPNT-Stadium
1205	ESPN HD
1206	ESPN2 HD
1207	NBC Sports Network HD
1208	FOX Sports 1 HD
1215	NFL Network HD
1223	Golf Channel HD
1243	Velocity HD
1254	AT&T SportsNet HD
1313	BTN HD
1314	BTN Overflow
1315	BTN Overflow
1402	A&E HD
1403	USA Network HD
1404	TNT HD
1405	AMC HD
1409	FX HD
1410	FXX HD
1411	Syfy HD
1418	BBC America HD
1420	WGN America
1425	GSN HD
1426	TV Land
1428	WE tv HD
1430	truTV HD
1434	TBS HD
1435	Comedy Central HD
1444	Investigation Discovery HD
1449	Discovery HD
1450	TLC HD
1455	Lifetime HD
1456	LMN HD

1457	UP HD
1458	Hallmark Channel HD
1459	Hallmark Movies & Mysteries HD
1463	Bravo HD
1464	OWN HD (Oprah Winfrey Network)
1465	Oxygen HD
1466	E! HD
1471	Animal Planet HD
1473	National Geographic HD
1478	HISTORY HD
1484	Food Network HD
1488	Travel Channel HD
1492	HGTV HD
1606	MTV HD
1607	VH1 HD
1612	MTV Live HD
1625	BET HD
1626	TV One HD
1655	INSP
1657	Daystar
1661	TBN
1668	EWTN HD
1707	Universal Kids HD
1715	Disney Channel HD
1728	Nickelodeon HD
1734	Cartoon Network HD
1742	Freeform HD
1755	TCM HD
1757	MoviePlex