

SATELLITE LONGITUDE/LATITUDE

TELSTAR 18 Latitude = 10.3844, Longitude = 123.6525
Lat = 10 degrees, 23.1 minutes North Long = 123
degrees, 39.2 minutes East
Pointing at Satellite= 138.0 East orbit longitude
Elev= 69.3, Azimuth= 126.4 (mag), Polar= -53.5
Azimuth= 125.2 (true), Mag dec= -1.2

INTELSAT 19 Latitude = 10.3843, Longitude = 123.6525
Lat = 10 degrees, 23.1 minutes North Long =
123 degrees, 39.1 minutes East
Pointing at Satellite= 166.0 East orbit longitude
Elev= 40.0, Azimuth= 102.4 (mag), Polar= -74.8
Azimuth= 101.2 (true), Mag dec= -1.2

APSTAR 7 Latitude = 10.3843, Longitude = 123.6525
Lat = 10 degrees, 23.1 minutes North
Long = 123 degrees, 39.2 minutes East
Pointing at Satellite= 76.5 East orbit longitude
Elev= 34.9, Azimuth= 261.8 (mag), Polar= 76.0
Azimuth= 260.5 (true), Mag dec= -1.3

ASIASAT 7 Latitude = 10.3843, Longitude = 123.6526
Lat = 10 degrees, 23.1 minutes North
Long = 123 degrees, 39.2 minutes East
Pointing at Satellite= 105.5 East orbit longitude
Elev= 65.6, Azimuth= 242.4 (mag), Polar= 59.5
Azimuth= 241.2 (true), Mag dec= -1.2

MEASAT 3/A Latitude = 10.3843, Longitude = 123.6525
Lat = 10 degrees, 23.1 minutes North
Long = 123 degrees, 39.2 minutes East
Pointing at Satellite= 91.5 East orbit longitude
Elev= 50.9, Azimuth= 255.2 (mag), Polar= 71.0
Azimuth= 254.0 (true), Mag dec= -1.2

ABS 2 Latitude = 10.3843, Longitude = 123.6526
Lat = 10 degrees, 23.1 minutes North
Long = 123 degrees, 39.2 minutes East
Pointing at Satellite= 75.0 East orbit longitude
Elev= 33.3, Azimuth= 262.2 (mag), Polar= 76.3
Azimuth= 261.0 (true), Mag dec= -1.2

SES 9/NSS 11 Latitude = 10.3843, Longitude = 123.6525
Lat = 10 degrees, 23.1 minutes North
Long = 123 degrees, 39.1 minutes East
Pointing at Satellite= 108.3 East orbit longitude
Elev= 68.3, Azimuth= 238.0 (mag), Polar= 55.3
Azimuth= 236.7 (true), Mag dec= -1.3

PREPARED BY

ROFY DEL CASTILLO

APPROVED

ENGR. AMUERFINO A. PERALES, PECE

**TOLEDO CABLE TV INC.**S. OSMENA ST. SANGI, TOLEDO CITY
TEL. NO (032) 322-5634 / (032) 467 - 8031 / (032) 467 - 8030
(032) 322 - 6140 / 09296618047 / 09176326284
EMAIL ADDRESS: tctv_inc@yahoo.com**EQUIPMENT PARTICULARS****RECEIVERS**

CHANNEL	BRAND	FREQ. RANGE	MODEL #	SERIAL #
2	SPECTRUM	55-59	S125E	SPEC07060135
3	DEMODULATOR	61-65	N3387	20111106-26
4	SPECTRUM	67-71	S125E	SPEC07061124
5	SCIENTIFIC ATLANTA	79-83	D9835 - 4007921	RN 33216300
6	CPU	85-89		
7	VIAACCESS	175-179	DTS5412GA	DTS5412080601028
8	CIGNAL	181-185	NDS	110226693
9	SPECTRUM	187-191	SPEC - DD-HSJ8	HS19110900319
10	ZENITH	193-197	DTH310	2509B000121649859
11	COSHIP	199-203	CDVB23000	800129
12	SPECTRUM	205-209	S125E	S145E09122800027
13	DIGIT-ALL-WORLD	211-215	SNA - 951	CA SEL 105700073042
14	SPECTRUM	121-125	S125E	SPEC09040206
15	SCIENTIFIC ATLANTA	127-131	D9835 - 4007921	RN 32504811
16	VIAACCESS	133-137	DTS5412GA	DTS5412080600916
17	CIGNAL	139-143	NDS	100353998
18	SCIENTIFIC ATLANTA	145-149	D9835 - 4007921	RN 34445556
19	SPECTRUM	151-155	S125E	SPEC0904199
20	SCIENTIFIC ATLANTA	157-161	D9835 - 4007921	RN 34050170
21	CISCO	163-167	D9865	RN41107393
22	MOTOROLA	169-173	DRS - 4460	2214741148029460
23	MOTOROLA	217-221	DRS - 4460	2214741148029170
24	TOP FIELD	223-227	DV3	RHK1112PM8A01252
25	TOP FIELD	229-233	DV3	RHK1112PM8A01233
26	CISCO	235-239	D9865	RN 41859407
27	CISCO	241-245	D9865	RN 40182865
28	CISCO	247-251	D9865	RN 40182971
29	CISCO	253-257	D9865	RN 40006482
30	CISCO	259-263	D9865	40004440
31	TOP FIELD	265-269	DV3	RHK1112PM8A01186
32	SCIENTIFIC ATLANTA	271-275	D9835 - 4007921	RN 22703545
33	CISCO	277-281	D9865	RN 40012926
34	CISCO	283-287	D9865	RN 40001821
35	TOP FIELD	289-293	DV3	RHK1112PM8A01216
36	ESPN STAR SPORTS	295-299	KSF - B660NS	4D238F03100034327
37	CISCO	301-305	D9865	RN 40222523
38	CISCO	307-311	D9865	RN 40189147
39	CISCO	313-317	D9865	RN 40690698
40	CISCO	319-323	D9865	RN 40601137
41	CISCO	325-329	D9865	RN41743638
42	TOP FIELD	331-335	DV3	RHKH12PM8A01216
43	KAON	337-341	KSF-K220	2000451731F7B00070
44	BOLT	343-347	CDT430	T430-XP
45	COSHIP	349-353	CDVB5668	800125
46	COSHIP	355-359	CDVB5110	800023
47	SPECTRUM	361-365	S125E	S145E09122800450
48	CISCO	367-371	D9865	RN 40986906
49	SPECTRUM	373-377	S125E	SPECE09040364
50	MEGA PRO	379-383	MP700JB	FM7 JB10010192
51	SPECTRUM	385-389	SPEC - DD-HSJ8	A30500000186
		391-395	SPEC - DD-HSJ8-	SPEC09040215

54	COSHIP	403-407	N8760B	4002671108
55	SYNETCOM	409-413	HDS10F	800068
56	DV3	415-419	DVB	DVB05110736-008
57	SPECTRUM	421-425	S125E	SPEC09040213
58	SYNETCOM	427-431	NET 25	NET SR-00040
59	SPECTRUM	433-437	S125E	SPEC08070079
60	COSHIP	439-443	SDVB5110D	800066
61	SPECTRUM	445-449	SPEC - DD-HSJ8	A30500000116
62	INTEK	451-455	S32CX	XF015W1B2
63	SPECTRUM	457-461	SPEC - DD-HSJ8	A30500002350
64	CIGNAL	463-467	NDS	31042171905
65	CIGNAL	469-473	NDS	31042219746
66	TOPFIELD	475-479	SBP2001-C1	R1L1Z33B06100399

PREPARED BY:

MR. ROFYL DEL CASTILLO ENGR. AMUERFINO A. PERALES, PECE
TECH. Manager

Approved by:



FIBER HYBRID DIGITAL [HD] & INTERNET

TOLEDO CABLE TV INC.

S. OSMENA ST. SANGI, TOLEDO CITY
TEL. NO (032) 322-5634 / (032) 467 - 8031 / (032) 467 - 8030
(032) 322 - 6140 / 09296618047 / 09176326284
EMAIL ADDRESS: tctv_inc@yahoo.com

EQUIPMENT PARTICULARS**MODULATORS**

CHANNEL	BRAND	FREQ. RANGE	MODEL #	SERIAL #
2	OTIUS	55-59	OTIUSGT1000	1147239
3	OTIUS	61-65	OTIUSGT1000	1127072
4	OTIUS	67-71	OTIUSGT1000	138844
5	OTIUS	79-83	OTIUSGT1000	1148393
6	OTIUS	85-89	OTIUSGT1000	1147842
7	OTIUS	175-179	OTIUSGT1000	1138744
8	OTIUS	181-185	OTIUSGT1000	1148403
9	OTIUS	187-191	OTIUSGT1000	1147856
10	OTIUS	193-197	OTIUSGT1000	1127045
11	OTIUS	199-203	OTIUSGT1000	1138266
12	OTIUS	205-209	OTIUSGT1000	1146436
13	OTIUS	211-215	OTIUSGT1000	1146638
14	OTIUS	121-125	OTIUSGT1000	112752
15	OTIUS	127-131	OTIUSGT1000	1126613
16	OTIUS	133-137	OTIUSGT1000	2214703
17	OTIUS	139-143	OTIUSGT1000	1125626
18	OTIUS	145-149	OTIUSGT1000	1146457
19	OTIUS	151-155	OTIUSGT1000	1143793
20	OTIUS	157-161	OTIUSGT1000	1138296
21	OTIUS	163-167	OTIUSGT1000	1126712
22	OTIUS	169-173	OTIUSGT1000	1145756
23	OTIUS	217-221	OTIUSGT1000	1146483
24	OTIUS	223-227	OTIUSGT1000	1150249
25	OTIUS	229-233	OTIUSGT1000	1126727
26	OTIUS	235-239	OTIUSGT1000	114712
27	OTIUS	241-245	OTIUSGT1000	1138669
28	OTIUS	247-251	OTIUSGT1000	1123616
29	OTIUS	253-257	OTIUSGT1000	1123848
30	OTIUS	259-263	OTIUSGT1000	1145778
31	OTIUS	265-269	OTIUSGT1000	1140852
32	OTIUS	271-275	OTIUSGT1000	1123510
33	OTIUS	277-281	OTIUSGT1000	1123912
34	OTIUS	283-287	OTIUSGT1000	1141460
35	POLAND	289-293	B05	SN0061730
36	OTIUS	295-299	OTIUSGT1000	1127055
37	OTIUS	301-305	OTIUSGT1000	1138430
38	OTIUS	307-311	OTIUSGT1000	1129084
39	OTIUS	313-317	OTIUSGT1000	1142694
40	OTIUS	319-323	OTIUSGT1000	1140923
41	OTIUS	325-329	OTIUSGT1000	1140833
42	OTIUS	331-335	OTIUSGT1000	1138328
43	OTIUS	337-341	OTIUSGT1000	1146312
44	OTIUS	343-347	OTIUSGT1000	1142745
45	OTIUS	349-353	OTIUSGT1000	1140268
46	OTIUS	355-359	OTIUSGT1000	1149238
47	OTIUS	361-365	OTIUSGT1000	1144487
48	OTIUS	367-371	OTIUSGT1000	1148853
49	OTIUS	373-377	OTIUSGT1000	1142618
50	OTIUS	379-383	OTIUSGT1000	1140933
51	OTIUS	385-389	OTIUSGT1000	1142887
52	OTIUS	391-395	OTIUSGT1000	1141137
53	POLAND	397-401	F12	9351205430040480

54	OTIUS	403-407	OTIUSGT1000	1141505
55	OTIUS	409-413	OTIUSGT1000	1145484
56	OTIUS	415-419	OTIUSGT1000	1141796
57	RFKORFA-AGII F	421-425	RFM3000A	RF20007 02R

60	OTIUS	439-443	OTIUSGT1000	1141892
61	POLAND	445-449	J10	75437
62	POLAND	451-455	J10	75450
63	POLAND	457-461	J10	9401751
64	OTIUS	463-467	OTIUSGT1000	1150313
65	OTIUS	469-473	OTIUSGT1000	1149084
66	POLAND	475-479	K12	9351210240090480

PREPARED BY:

MR. ROFYU DEL CASTILLO
TECH. Manager

Approved by:

ENGR. AMUERFINO A. PERALES, PECE



FIBER HYBRID DIGITAL [HD] & INTERNET

TOLEDO CABLE TV INC.

S. OSMENA ST. SANGI, TOLEDO CITY
 TEL. NO (032) 322-5634 / (032) 467 - 8031 / (032) 467 - 8030
 (032) 322 - 6140 / 09296618047 / 09176326284
 EMAIL ADDRESS: tctv_inc@yahoo.com

ANTENNA SYSTEM

ANTENNA	LNB DESCRIPTION
---------	-----------------

Type/Model of Dish	[ASIA SAT 3S] - Parabolic Satellite Dish	Vertical: Eight C band
Make	Steel mesh dish, metal brackets and pole	Output: 950-1750 MHZ
Frequency range	3.4 - 4.2 GHz	Noise : 15 K
Diameter of satellite dish	10ft Diameter	Gain : 65 DB
Polarization	Horizontal and vertical	Horizontal: Norsat C band
Azimuth	105.5°E	Output: 650-1450 MHZ
angle of elevation	66.1°	Noise : 17 K

Type/Model of Dish	[INTELSAT 19] - Parabolic Satellite Dish	Vertical: Eighth C band
Make	Steel mesh dish, metal brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4-4.2 GHZ	Noise : 15 K
Diameter of satellite dish	12ft. Diameter	Gain : 65 DB
Polarization	Horizontal and vertical	Horizontal: Chaparral Cband
Azimuth	166.0°E	Noise : 20 K
angle of elevation	35.9°	

Type/Model of Dish	[MEASAT 3] Parabolic Satellite dish	Vertical: Eight C band
Make	Steel mesh dish, metals brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4-4.2 GHZ	Noise : 15 K
Diameter of satellite dish	10ft. Diameter	Gain : 65 DB
Polarization	Horizontal and vertical	Horizontal: Eight C band
Azimuth	91.5°E	Output : 950-1750 MHZ
angle of elevation	51.5°	Noise : 15 K
		Gain : 65 DB

Type/Model of Dish	[APSTAR 7] -Parabolic Satellite dish	Horizontal: Eight C band
Make	Steel mesh dish, metal brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4 -4.2GHZ	Noise : 15 K
Diameter of satellite dish	10FT diameter	Gain : 65 DB
Polarization	Horizontal	
Azimuth	76.5°E	
angle of elevation	36.7°	

Type/Model of Dish	[ABS 1] -Parabolic Satellite dish	Vertical: Eighth C band
Make	Steel mesh dish, metal brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4 -4.2 GHZ	Noise : 15 K
Diameter of satellite dish	12ft. Diameter	Gain : 65 DB
Polarization	Horizontal and vertical	Horizontal: Chaparral C band
Azimuth	75.0°E	Noise : 20 K
angle of elevation	33.3°	

Type/Model of Dish	[Telstar 18] - Parabolic Satellite dish	Horizontal: Chaparral C band
Make	Steel mesh dish , metal brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4.- 4.2 GHZ	Noise : 17 K
Diameter of satellite dish	6 ft. diameter	Gain : 65 DB
Polarization	Horizontal	
Azimuth	138.0°E	
angle of elevation	69.3°	

Type/Model of Dish	[EUTELSAT 172A] - Parabolic Satellite dish	Horizontal: Chaparral C band
Make	Steel mesh dish, metal brackets and pole	Output : 950-1750 MHZ
Frequency range	3.4 - 4.2 GHZ	Noise : 20 K
Diameter of satellite dish	12FT. Diameter	Gain : 65 DB
Polarization	Horizontal	
Azimuth	172.0°E	
angle of elevation	33.6°	

Type/Model of Dish	[NSS II/SES 7] - Parabolic Satellite dish	Horizontal: Zinwell Universal
Make	Steel mesh dish , metal brackets and pole	Single LNB KU band
Frequency range	10.7 - 12.75 GHZ	Freq : 10.70 - 12.75 GHZ
Diameter of satellite dish	3FT.	L.O. : 9.75 - 10.60 GHZ
Polarization	Horizontal	
Azimuth	108.2°E	
angle of elevation	35.2°	

Type/Model of Dish	[KOREASAT 5] - Parabolic Satellite dish	Horizontal: Zinwell Universal
Make	Steel mesh dish , metal brackets and pole	Single LNB KU band
Frequency range	10.7-12.75 GHZ	Freq : 10.70 - 12.75 GHZ
Diameter of satellite dish	3ft	L.O. : 9.75 - 10.60 GHZ
Polarization	Horizontal	
Azimuth	113.0°E	
angle of elevation	35.2°	

PREPARED BY:

MR. ROFYL DEL CASTILLO
TECH. Manager

Approved by:

ENGR. AMUERPHINO A. PERALES, PECE



FIBER HYBRID DIGITAL [HD] & INTERNET

TOLEDO CABLE TV INC.

S. OSMENA ST. SANGI, TOLEDO CITY

TEL. NO (032) 322-5634 / (032) 467 - 8031 / (032) 467 - 8030

(032) 322 - 6140 / 09296618047 / 09176326284

EMAIL ADDRESS: tctv_inc@yahoo.com

SIGNALS RECEIVED

SATELLITE	RECEIVE FREQUENCY	PROGRAM
APSTAR 7 HORIZONTAL	3960MHz	HBO
	3960MHz	CINEMAX
	3920MHz	AXN
	3880MHz	DISNEY CHANNEL
	3880MHz	DISNEY JUNIOR
ASIA SAT 3S HORIZONTAL	4000MHz	FOX NEWS
	3706MHz	ALJAZERRA
	3706MHz	CHANNEL NEWS ASIA
	3880MHz	NHK WORLD
	3920MHz	STAR SPORTS
	3920MHz	FOX SPORTS
	4000MHz	CHANNEL V
	3760MHz	DW TV
	3880MHz	LOTUS MACAU
ASIA SAT 3S VERTICAL	3780MHz	NAT GEO WILD
MEASAT 3 HORIZONTAL	3717MHz	PBO
	4164MHz	WORLD FASHION
	3705MHz	UNTV
MEASAT 3 VERTICAL	3720MHz	DZRH RADYO TV
	3641MHz	JACK TV
	3641MHz	SOLAR NEWS CHANNEL
	3641MHz	BTV
	3641MHz	SOLAR SPORTS
	3760MHz	CRIME INVESTIGATION
	3760MHz	HISTORY CHANNEL
	3760MHz	BIO CHANNEL
	3641MHz	ETC
	3630MHz	SHOP TV
	3920MHz	THE AFRICA CHANNEL
INTELSAT 19 VERTICAL	3880MHz	ABS-CBN MANILA
	3880MHz	ANC
	3880MHz	DZMM TELERADYO
	3880MHz	CINEMA ONE
	3880MHz	STUDIO 23
	3880MHz	BALLS
	3760MHz	DISCOVERY CHANNEL
	3880MHz	KNOWLEDGE CHANNEL
	3940MHz	EWTN
INTELSAT 19 HORIZONTAL	3900MHz	BBC NEWS
	3829MHz	AUSTRALIA
NSS II / SES 7	11685MHz	TV 5
	11481MHz	AKSYON TV
	12431MHz	GNN
	9750MHz	HYPER
	9750MHz	COLOURS

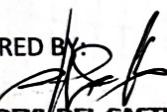
ABS 1 HORIZONTAL	03833 MHz	CCTN
	03833 MHz	PINOV XTREME

ABS 1 VERTICAL	3894MHz	PTV
	3639 MHz	STAR MOVIES
	3639 MHz	FOX TV
	3639 MHz	STAR WORLD
	3639 MHz	NATIONAL GEOGRAPHIC
	3900MHz	IBC 13 (AKTV)
	3887MHz	SMILE OF A CHILD
	3679MHz	MOTORVISION

EUTELSAT 172A HORIZONTAL	3916MHz	HOPE CHANNEL
---------------------------------	----------------	---------------------

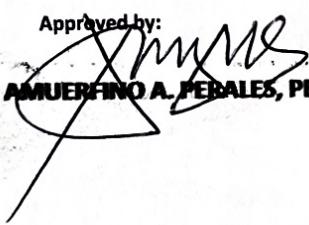
TELSTAR 18 HORIZONTAL	3854MHz	GMA
	3854MHz	GMA NEWS TV
	3837MHz	SMNI
	3872MHz	NET 25

PREPARED BY:


MR. ROFY DEL CASTILLO

TECH. Manager

Approved by:


ENGR. AMUERINO A. PERALES, PECE

RECEIVER MODEL	SERIAL NUMBER	PROGRAM NAME	CHANNEL #	SATELLITE	FREQUENCY/SR/FEC
TOPFIELD	RHK112PPM8A01179	P/N	1	TELESTAR 18	3935 H/DVB-S/30000 3/4
MEDIA PLAYER	WN2444703458	ISLAND LIVING	2	N/A	N/A
TV DEMOD N3381	N/A	ABS-CBN CEBU	3	N/A	N/A
CISCO	461294225511	ABS-CBN MANILA	4	N/A	3747 H/DVB-S/11200 5/6 8PSK
DESKTOP COMPUTER	N/A	COMMUNITY CHANNEL	5	N/A	3834 H/DVB-S/3600 2/3 8PSK
CISCO	461294077057	GMA	6	TELSTAR 18	11539H/DVB-S/218750 3/4 8PSK
CIGNAL	3837385702984630	TVS	7	NSS 11	12430H/DVB-S/25600 5/6
SPECTRUM	HS18140600673	LIVING ASIA	8	KOREASAT 5	4128 H/DVB-S/2703 3/4
SPECTRUM	hs18140600839	CCTN	9	ABS 2	4128 H/DVB-S/2703 3/4
TOPFIELD	13322BMB400030	YTN	10	INTELSAT 19	3736 V/DVB-S/2963 3/4
TOPFIELD	RHK1332DMM8A0008A	ABIRANG	11	INTELSAT 19	3815 V/DVB-S/3600 2/3 8PSK
CISCO	461294076923	GMA NEWS TV	12	TELSTAR 18	3834 H/DVB-S/218750 3/4 8PSK
CISCO	461294073906	ANC	13	INTELSAT 19	3747 H/DVB-S/11200 5/6 8PSK
CISCO	461294073906	DZMM	14	INTELSAT 19	3720 V/DVB-S/2170 7/8
CISCO	HS18140600673	DRBH	15	MEASAT 3	LREQ. 3390 H/DVB-S/15000
CISCO	2612900008073	CNN PHL	16	MEASAT 3	4164 H/DVB-S/20640 2/3 8PSK
SPECTRUM	RA3064000216	RUSSIA TODAY	17	MEASAT 3A	3736 V/DVB-S/26560 2/3 8PSK
PBI	FH06807360112	CHANNEL NEWS ASIA	18	ASIASAT 7	4100 V/DVB-S/11200 5/6 8PSK
SPECTRUM	S145e09122a00027	ALAZERA	19	ASIASAT 7	4102 V/DVB-S/21000 2/3 8PSK
SPECTRUM	RHK112ppm8a01203	NHK WORLD	20	INTELSAT 19	4140 H/DVB-S/229910 2/3 QPSK
TOPFIELD	RHK112APMKK0613	FOX NEWS	21	ASIASAT 7	3840 H/DVB-S/227970 5/6 8PSK
ALPHABOX	AB1603A60	BBC WORLD NEWS	22	INTELSAT 19	3940 H/DVB-S/227690 7/8
SPECTRUM	S145e09122b000450	DW	23	ASIASAT 7	4100 V/DVB-S/229720 5/6 8PSK
CISCO	461294075512	ABS-CBN SPORTS n ACTION	24	INTELSAT 19	3747 H/DVB-S/11200 5/6 8PSK
CISCO	2612900008144	BTV	25	MEASAT 3	4012 V/DVB-S/21000 2/3 8PSK
CIGNAL	3838326181213190	HYPER	26	MEASAT 3	11539H/DVB-S/218750 3/4 8PSK
CISCO	2612900007626	SOLAR SPORTS	27	MEASAT 3	4012 V/DVB-S/21000 2/3 8PSK
TOPFIELD	S145e09122b000575	FOX SPORTS	28	ASIASAT 7	3920 H/DVB-S/229710 2/3 8PSK
TOPFIELD					
ALPHABOX					
ALPHABOX	AB1603A6004665	ESPN	29	INTELSAT 19	3940 H/DVB-S/227690 7/8
SPECTRUM	HS18140600674	SETANTA SPORTS	30	MEASAT 3A	4120 H/DVB-S/230000 5/6 8PSK
VUBOX	HD20150700331	HOPPE PHILIPPINES	31	MEASAT 3A	3770 V/DVB-S/2142 2/3 8PSK
SPECTRUM	SP00040199	UNTV	32	MEASAT 3A	3705 H/DVB-S/4290 3/4
CISCO	KG1815252084563	INC-TV	33	INTELSAT 18	3872 H/DVB-S/6660 3/4
SPECTRUM	HS191109000319	LIGHT NETWORK	34	INTELSAT 18	4012 V/DVB-S/10000 2/3 8PSK
SYNETCOM	510H1126W00146	EWTN	35	ABS 2	4123 H/DVB-S/24000 5/6 8PSK
SPECTRUM	HS18140600333	SKNNI	36	INTELSAT 19	3940 H/DVB-S/276590 7/8
PHILIPS	KG1815252084563	TELE V SHOP	37	INTELSAT 18	3825 H/DVB-S/23333 3/4 8PSK
CISCO	461314088272	SHOP-TV	38	N/A	N/A
TOPFIELD	RHK112PPM8A01827	BABY-TV	39	MEASAT 3	4012 V/DVB-S/21000 2/3 8PSK
KARAOKE PLAYER	FMTJB10010192	KARAOKE CH	40	MEASAT 3A	4164 H/DVB-S/20640 2/3 8PSK
CISCO	461293060708	MTV	41	N/A	N/A
TOPFIELD	RHK112APM8A00630	CHANNEL V	42	INTELSAT 19	4180 H/DVB-S/230000 5/6 8PSK
CISCO	461294073905	CINEMA ONE	43	ABS 2	3978 V/DVB-S/279000 5/6 8PSK
CISCO	461292022437	PBO	44	INTELSAT 19	4180 H/DVB-S/30000 2/3 8PSK
TOPFIELD	RHK112PPM8A01246	Telenovela	45	MEASAT 3A	3717 H/DVB-S/7500 2/3 8PSK
CISCO	461294094925	IMC	46	ASSTAR 7	3871 V/DVB-S/10000 3/4
CISCO	461296140103	TAG	47	MEASAT 3A	3717 H/DVB-S/7500 2/3 8PSK
CISCO					
VUBOX					
MOTOROLA DSR 4460	221471148029472	LOTUS MACAU	48	INTELSAT 19	4180 H/DVB-S/26000 2/3 8PSK
CELESTIAL TIGER	SIBID201408000824	HBO	49	ASIASAT 7	3760 H/DVB-S/27600 7/8
CISCO	261290023037	THRELL	50	ASSTAR 7	LREQ. 1190 H/DVB-S/15000
CISCO	461294071132	DISNEY JR	51	MEASAT 3A	4000 H/DVB-S/29500 5/6 8PSK
FREESAT	V7MAX170209455	CAKTOON NETWORK	52	APSTAR 7	3880 H/DVB-S/30000 3/4 8PSK
FREESAT	HERO		53	INTELSAT 19	3960 H/DVB-S/27500 3/4
FREESAT	INTELSAT 19		54	ASIASAT 7	4180 H/DVB-S/30000 2/3 8PSK
FREESAT	INTELSAT 19		55		

OPENBOX	SK1510A4101287	DISNEY XD	56	APSTAR 7	3880 H/DVB-S2/300000-3/4 8PSK
SPECTRUM	HS19110900316	KNOWLEDGE CHANNEL	57	INTELSAT 19	4180 H/DVB-S2/300000-2/3 8PSK
CISCO	950291001030	F11	58	MEASAT 3	3760 H/DVB-S2/29700-5/6 8PSK
CISCO	2612900002054	HISTORY	59	MEASAT 3	3760 H/DVB-S2/29700-5/6 8PSK
VUBOX	V8HD20150700333	H2 ASIA	60	MEASAT 3A	3960 H/DVB-S2/29700-5/6 8PSK
TOPFIELD	RHK1112PM8A01216	NAT GEO	61	ABS 2	3978 H/DVB-S2/29000-5/6 8PSK
CISCO	461312002522	DISCOVERY CHANNEL	62	INTELSAT 19	3978 H/DVB-S2/29700-5/6 8PSK
TOPFIELD	RHK1112PM8A01239	PINAY EXTREME	63	ABS 2	4128 V/13703-3/4
CISCO	262291054569	VIVA	64	MEASAT 3A	3717 H/DVB-S2/7500-2/3 8PSK
TOPFIELD	RHK1112PM8A01956	FOX FILIPINO	65	ABS 2	3978 V/DVB-S2/29000-5/6 8PSK
CISCO	261291043235	ETC	66	MEASAT 3	4012 V/DVB-S2/10000-2/3 8PSK
CISCO	461314087888	TLC	67	INTELSAT 19	3978 V/DVB-S2/29000-5/6 8PSK
TOPFIELD	RHK1112PM8A01186	FOX LIFE	68	ABS 2	3978 V/DVB-S2/29000-5/6 8PSK
SPECTRUM	HS19110900021	FASHION TV	69	APSTAR 7	3740 V/30000-3/4 8PSK
CISCO	261290023053	CT	70	MEASAT 3	3760 V/DVB-S2/29700-5/6 8PSK
TOPFIELD	RHK1112PM8A01233	FOX	71	ABS 2	3978 V/DVB-S2/29000-5/6 8PSK
CISCO	261290007450	JACK TV	72	MEASAT 3	4012 V/DVB-S2/10000-2/3 8PSK
CISCO	261290019965	AXN	73	INTELSAT 19	3978 V/DVB-S2/29000-5/6 8PSK
CISCO	461292011374	CT	74	MEASAT 3	3760 V/DVB-S2/29700-5/6 8PSK
FREESAT	V7MAX17070209445	LIFESTYLE	75	INTELSAT 19	3747 H/DVB-S2/11200-5/6 8PSK
ALPHABOX	AB1603A6004279	LIFETIME	76	MEASAT 3A	3960 H/DVB-S2/29700-5/6 8PSK
OPENBOX	SP151084101288	DIVA	77	APSTAR 7	3770 H/29620-3/4 8PSK
VUBOX	20150700121	E ASIA	78	APSTAR 7	3720 H/29620-3/4 8PSK
MOTOROLA DSR 4460	2214514129137760	CNN HD	79	INTELSAT 19	3770 H/29620-3/4 8PSK
STARSKAT	5215334505f00181	DISNEY CHANNEL HD	80	APSTAR 7	3880 H/DVB-S2/30000-3/4 8PSK
MOTOROLA DSR 4460	22147411448029170	CINEMAX HD	81	APSTAR 7	LFREQ. 1190/DVB-S2/15000
MOTOROLA DSR 4460	2214632276054140	HBO SIGNATURE HD	82	TELSTAR 18	LFREQ. 1330/DVB-S2/30000
MOTOROLA DSR 4460	221442271240068	HBO FAMILY HD	83	TELSTAR 18	LFREQ. 1330/DVB-S2/30000
MOTOROLA DSR 4460	2215690377921080	HBO HITS HD	84	TELSTAR 18	LFREQ. 1330/DVB-S2/30000
MOTOROLA DSR 4460	221321067729308	WARNER TV HD	85	TELSTAR 18	LFREQ. 1310/DVB-S2/30000
CELESTIAL TIGER	stbld201408000823	KIX HD	86	MEASAT 3A	4000 H/DVB-S2/29500-5/6 8PSK
CISCO	461314088239	ANIMAL PLANET HD	87	INTELSAT 19	3770 H/29620-3/4 8PSK
TOPFIELD	RIL1233B06100399	NAT GEO WILD HD	88	ASIASAT 7	4000 H/DVB-S2/29720-5/6 8PSK
TOPFIELD	RHK1112APM8A00289	FOX CRIME HD	89	ASIASAT 7	3840 H/DVB-S2/29720-5/6 8PSK
WELLAV UMH160	13101821890386	NBA PREMIUM HD	90	MEASAT 3A	4040 H/DVB-S2/28600-5/6 8PSK
CISCO	461314066805	Eurosports	91	INTELSAT 19	3770 H/29620-3/4 8PSK
TOPFIELD	RHK1191BN1401048	FOX SPORTS 2 HD	92	ASIASAT 7	3820 H/DVB-S2/29720-5/6 8PSK
COSHIP	40010813040002300	FIGHT SPORTS	93	MEASAT 3A	4164 H/DVB-S2/20640-2/3 8PSK
topfield	rhk1564bn1a00226	MTV LIVE	94	INTELSAT 19	3770 H/29620-3/4 8PSK
topfield	rhk1564bn1a00234	NICK HD	95	INTELSAT 19	3770 H/29620-3/4 8PSK
TOPFIELD	RHK1112PM8A01252	FOX MOVIES HD	96	ASIASAT 7	4000 H/DVB-S2/29720-5/6 8PSK

Prepared by:

ROYL DE CASTILLO
TECH. ManagerAPPROVED BY:
ENGR. AMUFAANO A. PERALTA, PECE