

***** PROGRAM: TERR *****

Thu Feb 12 16:59:17 2004

USER NAME: greg

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PDF NAME: ORBITAL

INPUT PATH RECORD :																		
HERNDON	VA HERNDON	39	0	56.0	77	25	42.0	099999	31.0	LT	TG	6.0(	V	)	ZORBIT	0.0	338.0	11.5
REMOTE	VA REMOTE	39	10	10.0	77	30	30.0	41730A	0.0		TG	6.0(		)	ZORBIT	0.0	157.9	18.4

\$TERR REVISION 5.00

PROGRAM OPTIONS SELECTED:

OUTPUT FILE NAME:	ORBITAL.ter	MULTIPLE DATABASES:	N
PDF NAME:	ORBITAL	SAVE CALLSIGNS:	Y
RCN:		OMIT OWNER:	
SERVICE:	CC	TEST ANTENNA:	
BAND (GHz):	6.0	PROTECTION FLAG:	N
OUTPUT TYPE:	PROTECTION	ACTUAL CASES:	N
SEARCH RADIUS/KEYHOLE (Mi):	125/ 200	DELETE CASES:	Y
SEARCH EXTENT:	HALF	LINE LOSS INCLUDED:	Y
SEARCH WINDOW(MHz):	99999.000000		
DEFAULT OBJECTIVE (dB):	82		
MARGIN (dB):	3	ESCHK:	Y
INTRA FLAG:	N	PS:	N
HIGH/LOW CONFLICTS:	Y	KU IBS:	N
		KU DOM:	N
PROFILE FLAG:	Y		
MIN PROFILE DIST (Mi):	5		
PROFILE TYPE:	1.0		
QUADRANT:	NW	NO ESCHK CALCULATIONS:	N

0Selection Summary:

New Paths	:1
Old Paths	:623
Cases Found	:81

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*****
Transmit site      Receive site      Call  Owner  Dist  Bear  New ant
Coordinates( New site )
Plan  LS STA Gnd  Acl  Gain LL      Eqp code
1. 1 Interference from: HERNDON      , VA - REMOTE      , VA HERNDON ZORBIT 18.4 338.0 099999      02/12/2004 17:02:24
39 0 56.0 77 25 42.0      LT      TG EN 72.3 6.1 0.0 0.0 TEM160
5945.200V
*****
Transmit site      Receive site      Call  Owner  Dist  Bear  Env ant  Disc  Discrimination  Gain LL Obj C/I
Coordinates( Environment Site ) Plan  LS STA Gnd  Acl  New ant  Angs  VV  VH  HH  HV Rcv lev      CO  X
*****
01. 1 1 LINDEN MTN , VA - LOST RIVER , WV WNT731 *S01045 120.6 262.2 S91400D 0.6 1 32 1 32 41.3 3 68 46 46
( 1 ) 38 51 33.4 78 48 18.1 LT rF LP 920.8 27.4 099999 284.2 0 0 0 0 -37.9 31.7 22.0
TEM575 JF6-9421 MDR-4306S-D 30M0D7W 46 46 46 46 RCN: 00051514
-84.3 -84.3 -84.3 -84.3
6063.800V
-101.187* 5945.200V
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01. 1 2 LINDEN MTN , VA - LOST RIVER , WV WNT731 *S01045 120.6 262.2 S91400D 0.6 1 32 1 32 41.3 3 69 47 47
( 2 ) 38 51 33.4 78 48 18.1 LT >F LP 920.8 27.4 099999 284.2 0 0 0 0 -36.9 31.7 22.0
TEM575 JF6-9421 MDR-4306S-D 30M0D7W 47 47 47 47 RCN: 96112117
-84.3 -84.3 -84.3 -84.3
6004.500V
-55.891* 5945.200V
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01. 1 3 LINDEN MTN , VA - LOST RIVER , WV WNT731 *S01045 120.6 262.2 S93100 0.6 2 30 2 30 41.3 3 71 48 48
( 3 ) 38 51 33.4 78 48 18.1 LT rF LP 920.8 42.7 099999 284.2 0 0 0 0 -35.4 31.5 21.8
TEM575 JF6-9421 MDR-4306S-D 30M0D7W 48 48 48 48 RCN: 00051514
-82.9 -82.9 -82.9 -82.9
6063.800V
-98.687* 5945.200V
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01. 1 4 LINDEN MTN , VA - LOST RIVER , WV WNT731 *S01045 120.6 262.2 S93100 0.6 2 30 2 30 41.3 3 72 49 49
( 4 ) 38 51 33.4 78 48 18.1 LT >F LP 920.8 42.7 099999 284.2 0 0 0 0 -34.4 31.5 21.8
TEM575 JF6-9421 MDR-4306S-D 30M0D7W 49 49 49 49 RCN: 96112117
-82.9 -82.9 -82.9 -82.9
6004.500V
-53.391* 5945.200V
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01. 1 5 ROCK ENON S , VA - ROMNEY , WV WHT243 *P5192 117.2 285.5 A74118 0.5 3 30 4 30 43.1 3 75 52 52
( 5 ) 39 17 23.4 78 44 14.1 LT >F PP 602.3 32.0 099999 307.5 0 0 0 0 -29.9 55.9 26.3
2Y2L01 CXP7UJRD6A1 30M0D7W 52 52 52 52 RCN: 86042911
-81.5 -82.2 -82.2 -81.5
5945.200H 5974.850V 6004.500H 6034.150V 6063.800H 6093.450V 6123.100H 6152.750V
75.030* 30.500* -0.870* -0.870* -0.870* -0.870* -0.870* -0.870* 5945.200V
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01. 1 6 PATUXENT , MD - CAPE ST CLA , MD WMW940 *WASBAL 83.3 88.6 41730A 359.0 3 33 3 33 38.8 3 68 52 52
 (6) 39 1 45.4 76 28 0.8 LT @D LP 30.2 52.1 099999 110.7 0 0 0 0 -31.2 54.7 24.3
 300129 JF6-8801 MDR-4206E-A 30M0D7W 52 52 52 52 RCN: 02041207
 -83.0 -83.0 -83.0 -83.0
 6034.150V
 -79.772* 5945.200V
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01. 1 7 LOUDOUN HGTS, VA - CYBER CENTER, VA WPTX342 *LOCOMM 3.5 174.1 43020C 28.9 39 48 39 48 38.7 3 69 53 53
 (7) 38 59 4.4 77 25 27.1 LT rF LP 98.1 16.8 099999 196.1 0 0 0 0 -36.6 Did not profile
 TEM575 JF6-9421 MDR-4306S-D 30M0D7W 53 53 53 53 RCN: 02060424
 -89.8 -89.8 -89.8 -89.8
 6004.500H 6034.150V 6063.800H 6093.450V
 -55.570* -83.644* -99.867* -76.780* 5945.200V
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01. 1 8 CHATEAU , MD - JERICO PARK, MD WPNG638 *WASMSA 57.0 89.3 A66100 0.8 4 30 4 30 41.3 1 76 53 53
 (8) 39 1 13.4 76 46 11.9 LT rK LP 48.8 50.3 099999 111.3 0 0 0 0 -25.4 56.5 32.8
 TEM548 BCK9GKMSTR0630-1 30M0D7W 53 53 53 53 RCN: 96101517
 -78.9 -78.9 -78.9 -78.9
 6152.750H
 -9.685* 5945.200V
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01. 1 9 RIDGE , WV - IRONS MTN , MD KQX32 *CHRCVI 129.6 302.0 A61400 359.2 3 30 3 30 38.9 1 82 54 54
 (9) 39 37 35.3 78 42 32.1 LT TD LP 556.3 7.6 099999 324.0 0 0 0 0 -29.8 59.6 28.3
 999999 ONLY 30M0F8W 54 54 54 54 RCN:
 -83.7 -83.7 -83.7 -83.7
 6034.150H 6152.750H
 -37.787* -37.787* 5945.200V
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01. 1 10 ECC TOWER , VA - CABLEVISION , VA WPQP310 *LOUCOU 1.2 56.8 A62300 299.2 42 52 40 52 38.9 2 73 53 53
 (10) 39 1 16.9 77 25 1.1 LT rK LP 91.4 33.5 099999 78.8 0 0 0 0 -28.6 Did not profile
 TEM548 BCK9GKMSTR0630-1 30M0D7W 55 53 53 55 RCN: 00032427
 -83.8 -81.8 -81.8 -83.8
 6093.450H
 -12.900* 5945.200V
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01. 1 11 LEESBURG , VA - RESTON HUB , VA WPOL926 *WASBAL 9.7 139.0 A63601 9.3 32 57 32 57 38.8 2 71 62 62
 (11) 38 56 58.0 77 21 17.2 LT >D LP 141.7 59.1 099999 161.0 0 0 0 0 -30.4 2.6 0.9
 300134 JF6-8814 MDR-4306 30M0D7W 62 62 62 62 RCN: 03010625
 -92.7 -92.0 -92.0 -92.7
 5945.200V 5974.850H
 71.071* -7.019* 5945.200V
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01. 1 12 IRONS MTN , MD - CUMBERLAND , MD KG030 *CHRCVI 134.9 301.9 A61400 1.6 10 30 10 30 38.9 15 82 64 64

(12)	39	38	59.3	78	45	44.1	LT	TD LP	189.0	19.2	099999	323.9	0	0	0	0	-26.9	75.9	44.1
							999999	ONLY				30M0F8W	64	64	64	64		RCN:	
												-90.5	-90.5	-90.5	-90.5				

5974.850H 6093.450H
34.179* -34.900* 5945.200V
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01. 1 13	ROCKVILLE	,	MD - MIDDLEBURG	,	VA	WBA729	*CELLCO	23.7	241.3	G75700	356.7	32	53	32	47	44.8	4	79	67	67
(13)	38	54	45.4	77	40	5.0	LT	>F LP	383.4	36.6	099999	263.3	0	0	0	0	-27.6	0.0	0.0	
							27D201	CXP7UJRD6C3				30M0D7W	67	67	67	67		RCN: 98082007		
												-94.8	-94.8	-94.8	-94.8					

5945.200G 5974.850V 6004.500H 6034.150V 6063.800H 6093.450V 6123.100H 6152.750V
78.768* 34.238* 2.868* 2.868* 2.868* 2.868* 2.868* 2.868* 5945.200V
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01. 1 14	ROCKVILLE	,	MD - MIDDLEBURG	,	VA	WBA729	*CELLCO	23.7	241.3	G75700	356.7	32	53	32	47	44.8	4	79	67	67
(14)	38	54	45.4	77	40	4.9	LT	>F PY	383.4	36.6	099999	263.3	0	0	0	0	-27.6	0.0	0.0	
							27D201	CXP7UJRD6C3				30M0D7W	67	67	67	67		RCN: 03062423		
												-94.8	-94.8	-94.8	-94.8					

5945.200H
78.769* 5945.200V
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01. 1 15	LOUDOUN HGTS,	VA - MARTINSBURG	,	WV	WPTX342	*LOCOMM	59.8	315.2	43020C	13.7	30	40	30	40	38.7	3	71	73	73
(15)	39	23	47.0	77	55	4.1	LT	rF LP	155.4	39.6	099999	337.2	0	0	0	0	-34.8	32.8	23.1
							TEM575	JF6-9421	MDR-4306S-D			30M0D7W	73	73	73	73		RCN: 02052043	
												-107.3	-107.3	-107.3	-107.3				

5945.200V 5974.850H 6004.500V 6034.150H
71.235* -3.762* -53.761* -81.835* 5945.200V
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01. 1 16	NANCY WRIGHT,	VA - CARMEL CHURC,	VA	WML536	*GTERIC	117.2	183.3	43009C	7.9	25	40	25	40	39.1	3	76	76	76	
(16)	37	57	40.4	77	30	16.9	LT	>F PP	66.1	47.5	099999	205.3	0	0	0	0	-31.2	56.3	23.2
							TEM641	LBW-CM6HC-3DS3				30M0D7W	76	76	76	76		RCN: 02112002	
												-107.5	-107.5	-107.5	-107.5				

6034.150V
-10.168* 5945.200V
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01. 1 17	STAFFORD	,	VA - FREDERICKSBU,	VA	WPOL929	*WASBAL	84.9	184.5	A63516	355.2	28	46	26	49	41.3	2	75	76	76
(17)	38	15	11.2	77	30	18.8	LT	>F LP	81.1	35.0	099999	206.6	0	0	0	0	-28.8	56.7	25.4
							TEMX95	MDR-8606-135				30M0D7W	78	76	76	78		RCN: 01100509	
												-107.1	-104.7	-104.7	-107.1				

5945.200V 5974.850H
75.174* 34.909* 5945.200V
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01. 1 18	TRAPPE	,	MD - SALISBURY	,	MD	KN76	*FIRTEL	171.0	112.8	A73000	352.0	28	38	28	38	43.1	5	82	80	80
(18)	38	24	18.0	75	37	22.0	LS	TG LP	13.1	76.2	099999	134.8	0	0	0	0	-27.0	59.5	29.0	
							999999	ONLY				30M0F8W	80	80	80	80		RCN: 98112007		

-106.9 -106.9 -106.9 -106.9

6167.575V
-78.549* 5945.200V
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01. 1 19 ANNAPOLIS , MD - WYE MILLS , MD WLV644 *P2820 115.9 92.9 A74000 355.8 32 50 28 51 43.2 5 82 81 81
(19) 38 57 16.4 76 5 32.8 LT TF LP 18.3 82.3 099999 115.0 0 0 0 0 -27.0 53.7 20.6
2KU501 TR-6G2400-500A 30M0F8W 84 81 81 84 RCN: 90082416
-111.4 -107.8 -107.8 -111.4

5945.200U 6004.500V 6063.800U 6123.100U
82.000* -51.276* -86.977* -86.977* 5945.200V
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01. 1 20 QUARRYVILLE , PA - HONEY BROOK , PA WAU265 *P2820 181.7 46.6 P86800 357.8 24 40 23 42 44.8 2 82 85 85
(20) 40 7 45.3 75 52 41.7 LT TF LP 312.7 45.7 099999 68.7 0 0 0 0 -19.1 61.5 30.3
2KU501 TR-6G2400-500A 30M0F8W 86 85 85 86 RCN: 89020910
-104.8 -103.8 -103.8 -104.8

5945.200V 6063.800U
82.000* -79.085* 5945.200V
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01. 1 21 QUARRYVILLE , PA - HONEY BROOK , PA WAU265 *P2820 181.7 46.6 P86800 357.8 24 40 23 42 44.8 2 82 85 85
(21) 40 7 45.3 75 52 41.7 LT RF LP 312.7 45.7 099999 68.7 0 0 0 0 -19.1 61.5 30.3
2KU501 TR-6G2400-500A 30M0F8W 86 85 85 86 RCN: 88091617
-104.8 -103.8 -103.8 -104.8

5945.200U 5974.850H 6004.500U 6034.150H 6063.800V 6093.450H 6123.100V 6152.750H
82.000* 82.000* 82.000* 82.000* 82.000* 82.000* 82.000* 82.000* 5945.200V
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