

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

Tue Feb 17 10:05:06 2004

USER NAME: greg

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PDF NAME: ORB4_MOD

<<< NOTE >>> Path - > HERNDON REMOTE exceeds maximum EIRP requirement by 60.66 dB

INPUT PATH RECORD :

HERNDON	VA HERNDON	39	0	56.0	77	25	42.0	O30000	23.0	AC	TF	4.0(V	)	ZORBIT	0.0	0.0	0.0
REMOTE	VA REMOTE	39	0	57.0	77	25	42.0	A42900	0.0	TF	4.0(	)	)	ZORBIT	0.0	180.0	0.0

\$TERR REVISION 5.00

PROGRAM OPTIONS SELECTED:

OUTPUT FILE NAME:	ORB4_MOD.ter	MULTIPLE DATABASES:	N
PDF NAME:	ORB4_MOD	SAVE CALLSIGNS:	Y
RCN:		OMIT OWNER:	
SERVICE:	CC	TEST ANTENNA:	
BAND (GHz):	4.0	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):	99		
MARGIN (dB):	3		
INTRA FLAG:	N	ESCHK:	Y
HIGH/LOW CONFLICTS:	Y	PS:	N
		KU IBS:	N
PROFILE FLAG:	Y	KU DOM:	N
MIN PROFILE DIST (Mi):	5		
PROFILE TYPE:	1.0		
QUADRANT:	NW	NO ESCHK CALCULATIONS:	N

OSelection Summary:

New Paths :1
Old Paths :41
Cases Found :33

	Transmit site	Receive site	Call Plan	Owner	Dist	Bear	New ant	Eqp code	
	Coordinates(	New site)		LS STA	Gnd	Acl	Gain LL		
1. 1	Interference from:	HERNDON , VA - REMOTE	, VA HERNDON	ZORBIT	0.0	0.0	O30000	02/17/2004	10:06:31
		39 0 56.0 77 25 42.0	AC	TF EN	72.3	6.1	13.0 0.0	2JKP02	

99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*
3730.000V

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01. 1 6 OMPS , VA - HAGERSTOWN , MD KIW81 *P1175 90.5 328.9 A41600 279.4 39 52 39 52 39.6 0 99 76 76
(6) 39 42 44.3 77 58 22.0 AC @F XP 612.6 4.3 030000 328.9 0 0 0 0 -32.9 26.1 16.5
2Y7S01 CXP7UJRD4A1 20M0F7W 76 76 76 76 RCN: 87103024

3730.000G 3810.000G 3870.000V 3890.000G 3950.000V 3970.000G 4030.000U 4050.000G 4110.000U 4130.000G
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 3730.000V

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01. 1 7 BLUEMONT , WV - WINCHESTERJ , VA WHQ771 *P5192 72.0 279.7 A48150 12.1 47 55 42 58 39.0 3 99 75 75
(7) 39 7 20.4 78 14 57.0 AC @F LP 275.5 51.8 030000 279.7 0 0 0 0 -36.7 32.4 22.7
2Y7S01 CXP7UJRD4A1 20M0F7W 80 75 75 80 RCN: 86101421

3710.000H 3730.000V 3790.000H 3810.000V 3870.000H 3890.000V 3950.000H 3970.000V 4030.000H 4050.000V 4110.000H 4130.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V

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01. 1 8 BLUEMONT , WV - MOUNTVILLE , MD WHQ771 *P5192 37.4 347.9 A54670 297.9 54 65 56 68 39.8 4 99 81 81
(8) 39 20 40.4 77 31 10.0 AC @F LP 250.5 53.0 030000 347.8 0 0 0 0 -35.3 0.0 0.0
2Y7S01 CXP7UJRD4A1 20M0F7W 81 83 83 81 RCN: 84111306

3710.000V 3730.000H 3790.000V 3810.000H 3870.000V 3890.000H 3950.000V 3970.000H 4030.000V 4050.000H 4110.000V 4130.000H
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V

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01. 1 9 RYOT , PA - BOSWELL , PA WLC540 *P5192 197.2 313.8 A54671 28.2 49 63 49 64 39.3 3 99 82 82
(9) 40 13 56.3 79 6 8.1 AC @F LP 887.9 18.3 030000 313.7 0 0 0 0 -42.2 54.4 23.3
2Y7S01 CXP7UJRD4A1 20M0F7W 82 82 82 82 RCN: 90012214

3710.000H 3730.000V 3790.000H 3810.000V 3870.000H 3890.000V 3950.000H 3970.000V 4030.000H 4050.000V 4110.000H 4130.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V

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01. 1 10 OMPS , VA - WASHINGTON 4, VA KIW81 *P1175 40.7 277.4 B43400 138.3 58 59 44 61 39.5 3 99 68 68
(10) 39 3 43.4 77 53 41.0 AC @F LP 487.7 6.1 030000 277.4 0 0 0 0 -37.8 45.6 37.9
2Y7S01 CXP7UJRD4A1 20M0F7W 82 68 68 82 RCN: 97071418

3870.000V 3950.000V 4030.000V 4110.000V
99.000* 99.000* 99.000* 99.000* 3730.000V

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01. 1 11 MOUNTVILLE , MD - BLUEMONT , WV WHQ770 *P5192 37.6 291.4 A54670 61.5 54 64 55 68 41.3 4 99 83 83
(11) 39 8 17.4 77 49 59.0 BD @F LP 413.3 107.9 O30000 291.3 0 0 0 0 -33.8 0.0 0.0
2Y7S01 CXP7UJRD4A1 20M0F7W 83 84 84 83 RCN: 84111306
-116.6 -118.0 -118.0 -116.6
3750.000V 3770.000H 3830.000V 3850.000H 3910.000V 3930.000H 3990.000V 4010.000H 4070.000V 4090.000H 4150.000V 4170.000H
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V
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01. 1 12 MOUNTVILLE , MD - FENBY , MD WHQ770 *P5192 67.3 32.6 A54670 327.1 51 63 53 64 41.3 3 99 83 83
(12) 39 31 30.4 77 0 24.9 BC @F LP 254.5 77.4 O30000 32.6 0 0 0 0 -36.5 57.0 36.5
2Y7S01 CXP7UJRD4A1 20M0F7W 83 85 85 83 RCN: 84111306
-119.6 -121.5 -121.5 -119.6
3710.000H 3770.000V 3790.000H 3850.000V 3870.000H 3930.000V 3950.000H 4010.000V 4030.000H 4090.000V 4110.000H 4170.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V
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01. 1 13 SKYLINE , WV - TABLE ROCK , MD WHT245 *P5192 174.6 281.2 A48680 15.0 38 56 37 59 39.8 3 99 82 82
(13) 39 18 12.4 79 24 49.2 AC @F LP 965.0 41.1 O30000 281.1 0 0 0 0 -32.0 54.2 22.3
2Y7S01 CXP7UJRD4A1 20M0F7W 84 82 82 84 RCN:
-115.7 -114.4 -114.4 -115.7
3710.000V 3730.000H 3790.000V 3810.000H 3870.000V 3890.000H 3950.000V 3970.000H 4030.000V 4050.000H 4110.000V 4130.000H
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V
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01. 1 14 FENBY , MD - TROYER , MD WHQ769 *P5192 97.9 48.2 A54670 331.4 49 63 50 64 41.3 5 99 85 85
(14) 39 36 2.4 76 34 45.9 AC @F LP 214.6 82.0 O30000 48.1 0 0 0 0 -36.3 54.4 25.6
2Y7S01 CXP7UJRD4A1 20M0F7W 85 85 85 85 RCN: 86101420
-121.2 -121.6 -121.6 -121.2
3710.000H 3730.000V 3790.000H 3810.000V 3870.000H 3890.000V 3950.000H 3970.000V 4030.000H 4050.000V 4110.000H 4130.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V
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01. 1 15 WASHINGTON 4, VA - OMPS , VA WPNL603 *P1175 93.5 302.3 B42500 343.2 53 59 44 57 39.5 1 99 77 77
(15) 39 27 41.3 78 20 49.0 BD @F LP 697.7 56.4 O30000 302.2 0 0 0 0 -37.8 27.6 18.0
2Y7S01 CXP7UJRD4A1 20M0F7W 87 77 77 87 RCN: 97071418
-124.5 -115.0 -115.0 -124.5
3910.000H 3990.000H 4070.000H 4150.000H
99.000* 99.000* 99.000* 99.000* 3730.000V

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01. 1 16 ROXBURY , PA - BUTLER KNOB , PA WLJ31 *P5192 148.8 342.0 T40100 28.8 50 65 46 60 39.3 4 99 84 84
(16) 40 17 21.3 77 58 9.0 BD @F LP 602.3 41.1 O30000 342.0 0 0 0 0 -37.6 48.7 15.8
2Y7S01 CXP7UJRD4A1 20M0F7W 87 84 84 87 RCN:
-125.1 -121.3 -121.3 -125.1
3750.000H 3770.000V 3830.000H 3850.000V 3910.000H 3930.000V 3990.000H 4010.000V 4070.000H 4090.000V 4150.000H 4170.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*
3730.000V

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01. 1 17 MONROVIA , MD - LEESBURG 5 , VA KGN99 *P1175 36.8 319.4 A48660 63.2 59 67 54 72 39.1 1 99 83 83
(17) 39 16 1.4 77 42 23.0 AC @F LP 432.5 10.1 O30000 319.3 0 0 0 0 -32.8 0.0 0.0
2Y7S01 CXP7UJRD4A1 20M0F7W 87 83 83 87 RCN: 90080605
-120.2 -115.6 -115.6 -120.2

3950.000H 4030.000H 4110.000H
99.000* 99.000* 99.000* 3730.000V

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01. 1 18 LEESBURG 5 , VA - MONROVIA , MD KJL41 *P1175 39.1 19.0 A48661 302.8 59 66 54 68 39.1 1 99 83 83
(18) 39 20 55.4 77 16 49.9 BD @F LP 185.9 13.7 O30000 19.0 0 0 0 0 -32.8 51.9 44.5
2Y7S01 CXP7UJRD4A1 20M0F7W 89 83 83 89 RCN: 90080605
-121.3 -116.1 -116.1 -121.3

3750.000H 3830.000H 3910.000H
99.000* 99.000* 99.000* 3730.000V

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01. 1 19 BUTLER KNOB , PA - MARTINSBURG , PA WLJ30 *P5192 158.8 333.5 T40100 62.2 50 65 55 69 39.3 3 99 90 90
(19) 40 17 33.3 78 15 38.0 AC @F LP 666.6 41.1 O30000 333.5 0 0 0 0 -35.7 51.9 18.8
2Y7S01 CXP7UJRD4A1 20M0F7W 90 96 96 90 RCN:
-126.1 -131.3 -131.3 -126.1

3710.000V 3730.000H 3790.000V 3810.000H 3870.000V 3890.000H 3950.000V 3970.000H 4030.000V 4050.000H 4110.000V 4130.000H
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V

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01. 1 20 WINCHESTERJ , VA - ROCK ENON S , VA WHQ772 *P5192 82.5 285.7 A48680 325.5 51 60 50 62 39.0 3 99 90 90
(20) 39 12 47.4 78 20 54.0 BD @F LP 655.0 39.6 O30000 285.7 0 0 0 0 -30.8 24.6 14.9
2Y7S01 CXP7UJRD4A1 20M0F7W 91 90 90 91 RCN: 86101421
-121.6 -121.1 -121.1 -121.6

3750.000H 3770.000V 3830.000H 3850.000V 3910.000H 3930.000V 3990.000H 4010.000V 4070.000H 4090.000V 4150.000H 4170.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V

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01. 1 21 TROYER , MD - PERRYMAN , MD WHQ768 *P5192 115.6 62.0 A54670 311.3 54 63 55 68 39.8 4 99 92 92

(21) 39 29 56.4 76 14 31.8 BD @F LP 80.8 64.0 O30000 61.9 0 0 0 0 -34.2 56.9 23.8
 2Y7S01 CXP7UJRD4A1 20M0F7W 92 93 93 92 RCN: 87032015
 -126.4 -127.4 -127.4 -126.4
 3750.000H 3770.000V 3830.000H 3850.000V 3910.000H 3930.000V 3990.000H 4010.000V 4070.000H 4090.000V 4150.000H 4170.000V
 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*
 3730.000V
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01. 1 22 MARTINSBURG , PA - RYOT , PA WLJ29 *P5192 168.8 319.1 T40200 69.1 52 69 54 66 41.3 3 99 94 94
 (22) 40 9 26.3 78 43 35.1 BD @F LP 823.3 59.4 O30000 319.0 0 0 0 0 -35.3 50.2 17.1
 2Y7S01 CXP7UJRD4A1 20M0F7W 94 95 95 94 RCN: 90012214
 -129.0 -130.3 -130.3 -129.0
 3750.000H 3770.000V 3830.000H 3850.000V 3910.000H 3930.000V 3990.000H 4010.000V 4070.000H 4090.000V 4150.000H 4170.000V
 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*
 3730.000V
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01. 1 23 LEWISTOWN , MD - BL RDGE SMT , PA KGJ25 *P1175 79.8 0.5 B43000 341.9 55 61 44 58 39.5 4 99 83 83
 (23) 39 44 2.3 77 25 11.0 BD @F LP 463.3 26.2 O30000 0.5 0 0 0 0 -29.7 56.3 31.9
 2Y7S01 CXP7UJRD4A1 20M0F7W 94 83 83 94 RCN: 88011213
 -123.7 -113.2 -113.2 -123.7
 3750.000G 3830.000G 3910.000G 3930.000U 3990.000G 4010.000U 4070.000G 4090.000V 4150.000G 4170.000V
 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 3730.000V
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01. 1 24 PENDLETON , VA - CARTERVILLE , VA KJG83 *P1175 166.3 202.2 A48150 344.9 54 63 49 63 39.7 2 99 90 90
 (24) 37 37 33.5 78 8 26.0 AC @F LP 115.8 82.0 O30000 202.2 0 0 0 0 -35.1 55.7 24.2
 2Y7S01 CXP7UJRD4A1 20M0F7W 95 90 90 95 RCN: 88110323
 -130.0 -125.1 -125.1 -130.0
 3710.000V 3790.000V
 99.000* 99.000* 3730.000V
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01. 1 25 LITTLE ROCK , VA - HOLLY GROVE , VA WHO911 *P5192 138.3 193.4 A48680 73.2 58 66 60 69 39.0 4 99 96 96
 (25) 37 48 9.5 77 47 30.0 BD @F LP 95.4 41.1 O30000 193.3 0 0 0 0 -36.6 54.6 22.3
 2Y7S01 CXP7UJRD4A1 20M0F7W 96 98 98 96 RCN: 86012134
 -133.0 -135.1 -135.1 -133.0
 4070.000V 4150.000V
 99.000* 99.000* 3730.000V
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01. 1 26 MOUNT HOLLY , PA - ROXBURY , PA WLJ32 *P5192 125.3 348.1 A54670 76.1 61 69 63 74 39.8 4 99 97 97
 (26) 40 7 10.3 77 43 52.0 AC @F LP 578.8 77.7 O30000 348.1 0 0 0 0 -37.3 30.3 20.7
 2Y7S01 CXP7UJRD4A1 20M0F7W 97 99 99 97 RCN:
 -134.3 -136.4 -136.4 -134.3

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01. 1 32 LINDEN , VA - WINCHESTERJ , VA WHO909 *P5192 72.0 279.7 A48150 324.5 73 70 66 73 39.8 3 99 100 100
(32) 39 7 20.4 78 14 57.0 AC @F LP 275.5 40.5 O30000 279.7 0 0 0 0 -35.4 32.5 22.8
2Y7S01 CXP7UJRD4A1 20M0F7W 104 100 100 104 RCN: 86112807
-138.9 -135.2 -135.2 -138.9
3710.000H 3730.000V 3790.000H 3810.000V 3870.000H 3890.000V 3950.000H 3970.000V 4030.000H 4050.000V 4110.000H 4130.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000*

3730.000V
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01. 1 33 PENDLETON , VA - CHARLOTTEV , VA KJG83 *P1175 123.9 217.4 A48660 275.5 65 68 60 75 39.6 1 99 99 99
(33) 38 7 32.5 78 17 10.0 AC @F LP 549.9 10.1 O30000 217.3 0 0 0 0 -34.5 53.9 28.2
2Y7S01 CXP7UJRD4A1 20M0F7W 104 99 99 104 RCN: 87103023
-138.5 -133.5 -133.5 -138.5
3710.000G 3790.000G 3870.000G 3950.000G 3970.000U 4030.000G 4050.000V 4110.000G 4130.000V
99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 99.000* 3730.000V

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