

Total Number of Satellites: 6,372 6,372

Orbital Plane	1
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	0.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	45
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	11.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	46
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	22.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	47
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	33.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	2
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	45.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	48
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	56.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	49
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	67.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	50
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	78.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	3
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	90.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	51
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	101.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	52
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	112.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	53
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	123.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	4
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	135.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	54
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	146.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	55
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	157.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	56
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	168.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	5
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	180.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	57
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	191.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	58
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	202.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	59
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	213.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	6
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	225.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	60
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	236.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	61
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	247.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	62
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	258.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	7
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	270.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	63
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	281.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	64
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	292.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	65
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	303.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	8
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	315.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	66
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	326.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	67
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	337.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	68
Number of Satellites in Plane	72
Inclination Angle (degrees)	55
Right Ascension of Ascending Node (degrees)	348.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-55
Active Service Arc End Angle with respect to Ascending Node (degrees)	55

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	69
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	0.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	70
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	11.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	71
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	22.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
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	56	275.00
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63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	72
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	33.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	73
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	45.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	74
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	56.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	75
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	67.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	76
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	78.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	77
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	90.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
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	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
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	56	275.00
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64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	78
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	101.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	79
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	112.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	80
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	123.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	81
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	135.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	82
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	146.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	83
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	157.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	84
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	168.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	85
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	180.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	86
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	191.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	87
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	202.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	88
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	213.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	89
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	225.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	90
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	236.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	91
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	247.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	92
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	258.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	93
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	270.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	94
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	281.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	95
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	292.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	96
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	303.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	97
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	315.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	98
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	326.25
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
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	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
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63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	99
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	337.50
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

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62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	100
Number of Satellites in Plane	72
Inclination Angle (degrees)	40
Right Ascension of Ascending Node (degrees)	348.75
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-40
Active Service Arc End Angle with respect to Ascending Node (degrees)	40

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	5.00
Blue satellites are additional ones to make Phase 2	3	10.00
	4	15.00
	5	20.00
	6	25.00
	7	30.00
	8	35.00
	9	40.00
	10	45.00
	11	50.00
	12	55.00
	13	60.00
	14	65.00
	15	70.00
	16	75.00
	17	80.00
	18	85.00
	19	90.00
	20	95.00
	21	100.00
	22	105.00
	23	110.00
	24	115.00
	25	120.00
	26	125.00
	27	130.00
	28	135.00
	29	140.00
	30	145.00
	31	150.00
	32	155.00
	33	160.00
	34	165.00
	35	170.00
	36	175.00
	37	180.00
	38	185.00
	39	190.00
	40	195.00
	41	200.00
	42	205.00
	43	210.00
	44	215.00
	45	220.00
	46	225.00
	47	230.00
	48	235.00
	49	240.00
	50	245.00
	51	250.00
	52	255.00
	53	260.00
	54	265.00
	55	270.00
	56	275.00
	57	280.00

58	285.00
59	290.00
60	295.00
61	300.00
62	305.00
63	310.00
64	315.00
65	320.00
66	325.00
67	330.00
68	335.00
69	340.00
70	345.00
71	350.00
72	355.00

Total Number of Satellites:

Orbital Plane	9
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	0.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	21
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	5.08
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	22
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	10.15
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
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	27	191.02
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	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	10
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	15.23
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
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	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	23
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	20.31
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
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	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	24
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	25.38
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	11
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	30.46
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	25
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	35.54
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	26
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	40.61
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	12
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	45.69
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
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	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	27
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	50.77
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
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	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	28
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	55.84
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
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	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
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	36	257.14
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	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	13
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	60.92
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	29
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	66.00
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	30
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	71.07
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	14
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	76.15
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	31
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	81.23
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	32
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	86.30
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	15
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	91.38
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	33
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	96.46
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	34
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	101.53
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	16
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	106.61
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	35
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	111.69
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	36
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	116.76
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	17
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	121.84
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	37
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	126.92
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	38
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	131.99
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	18
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	137.07
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	39
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	142.15
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	40
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	147.22
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	19
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	152.30
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	41
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	157.38
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	42
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	162.45
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
	25	176.33
	26	183.67
	27	191.02
	28	198.37
	29	205.71
	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	20
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	167.53
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
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	28	198.37
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	30	213.06
	31	220.41
	32	227.76
	33	235.10
	34	242.45
	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	43
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	172.61
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
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	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

Total Number of Satellites:

Orbital Plane	44
Number of Satellites in Plane	49
Inclination Angle (degrees)	87.9
Right Ascension of Ascending Node (degrees)	177.68
Argument of Perigee (degrees)	0
Orbital Period (seconds)	6600
Apogee (km)	1200
Perigee (km)	1200
Active Service Arc Begin Angle with respect to Ascending Node (degrees)	-87.9
Active Service Arc End Angle with respect to Ascending Node (degrees)	87.9

	<u>Satellite</u>	<u>Mean</u>
	<u>Number</u>	<u>Anomaly</u>
Green satellites are from Phase 1 (same phase angles)	1	0.00
Red satellites are from Phase 1 (2.5° adjusted phase angles)	2	7.35
Blue satellites are additional ones to make Phase 2	3	14.69
	4	22.04
	5	29.39
	6	36.73
	7	44.08
	8	51.43
	9	58.78
	10	66.12
	11	73.47
	12	80.82
	13	88.16
	14	95.51
	15	102.86
	16	110.20
	17	117.55
	18	124.90
	19	132.24
	20	139.59
	21	146.94
	22	154.29
	23	161.63
	24	168.98
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	31	220.41
	32	227.76
	33	235.10
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	35	249.80
	36	257.14
	37	264.49
	38	271.84
	39	279.18
	40	286.53
	41	293.88
	42	301.22
	43	308.57
	44	315.92
	45	323.27
	46	330.61
	47	337.96
	48	345.31
	49	352.65

