

31	-43600.00	(24.15)
20	-43600.00	(2.06)
73	-43600.00	(3.46)
00	-43591.46	(2.79)
00	-43550.97	(0.96)
00	-43528.39	(28.34)
00	-43482.97	(7.57)
00	-43407.01	(6.28)
05	-43400.00	(2.06)
75	-43400.00	(3.75)
76	-43400.00	(10.76)
00	-43436.58	(13.41)
00	-43493.07	(6.92)
00	-43549.98	(9.11)
00	-43591.24	(8.29)

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$$

10 -43591.46 (2.79)

1990 = 2000

21	-43543.75(	2.23)
32	-43536.04(	2.01)
52	-43545.00(	2.14)

100-1 272

62	-43534.057	2.01)
66	-43541.821	2.23)

1087-1 27 2

$$27 \quad -43549.94(1.27)$$

1092 4/4

455/21 (1950)

1075 3/5

240 - 1

10) -43577.531 (0.50)

1370 - 4

32	-43589.17	(4.00)
49	-43561.95	(12.50)
12	-43537.67	(4.31)
54	-43494.01	(13.49)
43	-43494.06	(6.52)
57	-43528.71	(6.56)
35	-43550.81	(12.40)
99	-43585.05	(6.05)

Figure 1

50 - 47459; 526 7 194

81 32-1		67	1/	500	5(TOMINAGA)	X= 20250.00	Y= -43600.00	PAGE 2
20309.80	-43479.94(	37.54)	20272.86	-43486.66(	23.23)	20250.00	-43490.83(	2.24)
2(EY"7% 1- 54(95"	1		240 - 2					
20344.20	-43600.00(	2.06)	20346.26	-43600.00(	1.38)	20345.48	-43598.86(	10.21)
20336.89	-43585.05(	2.25)	20335.88	-43583.03(	3.85)	20334.56	-43579.41(	18.00)
20324.23	-43550.81(	7.21)	20323.22	-43543.67(	3.34)	20323.22	-43540.33(	5.08)
20323.37	-43528.71(	12.17)	20321.41	-43516.69(	6.19)	20320.71	-43510.53(	10.26)
20317.43	-43494.06(	6.48)	20315.63	-43487.83(	7.01)	20313.29	-43481.22(	2.89)*
20314.39	-43491.97(	8.27)	20316.23	-43500.04(	12.92)	20318.02	-43512.84(	16.61)
20320.54	-43544.56(	8.87)	20322.48	-43553.22(	0.75)	20322.75	-43553.93(	21.71)
20331.06	-43576.73(	9.94)	20334.98	-43585.87(	4.62)	20337.34	-43589.85(	7.65)
20341.73	-43596.17(	4.55)						
2(EY"7% 1- 54(95"	1		240 - 3					
* 20250.00	-43436.58(	22.38)	20272.06	-43432.79(	34.55)	20306.11	-43426.89(	0.52)
20273.25	-43432.30(	23.57)	20250.00	-43436.21(	0.37)			
2(EY"7% 1- 54(95"	1		1555- 1 1/ 2					
20268.31	-43411.79(	2.86)	20271.13	-43411.28(	33.05)	20303.63	-43405.26(	5.26)
20300.00	-43400.00(	32.58)*	20267.42	-43400.00(	0.98)	20267.59	-43400.97(	5.45)
20267.51	-43406.49(	5.36)						
2(EY"7% 1- 54(95"	1		1556- 2 1/ 2					
* 20250.00	-43461.63(	6.89)	20256.82	-43460.59(	8.61)	20265.30	-43459.09(	7.05)
20308.59	-43454.49(	9.72)	20309.71	-43444.83(	6.90)	20309.53	-43437.93(	5.86)
20306.11	-43426.89(	34.55)	20272.06	-43432.79(	22.38)	20250.00	-43436.58(	13.41)
2(EY"7% 1- 54(95"	1		1556- 4					
20273.25	-43432.30(	33.23)	20305.96	-43426.39(	8.01)	20304.22	-43418.57(	5.86)
20303.63	-43405.26(	33.05)	20271.13	-43411.28(	2.86)*	20268.31	-43411.79(	21.09)
2(EY"7% 1- 54(95"	1		1557- 1 1/ 4					
* 20250.00	-43403.51(	11.09)	20260.98	-43401.90(	1.91)	20260.76	-43400.00(	10.76)
2(EY"7% 1- 54(95"	1		1557- 2 1/ 2					
20260.98	-43401.90(	3.25)	20264.20	-43401.40(	1.41)	20264.03	-43400.00(	3.27)*
2(EY"7% 1- 54(95"	1		1557- 3 1/ 2					
* 20264.20	-43401.40(	3.41)	20267.59	-43400.97(	0.98)	20267.42	-43400.00(	3.39)*
2(EY"7% 1- 54(95"	1		1558- 1/ 2					
* 20250.00	-43436.21(	23.57)	20273.25	-43432.30(	21.09)	20268.31	-43411.79(	5.36)
20267.72	-43406.41(	5.45)	20267.59	-43400.97(	3.41)	20264.20	-43401.40(	3.25)
20250.00	-43403.51(	32.70)						
2(EY"7% 1- 54(95"	1		1561- 1/ 2					
* 20250.00	-43490.83(	23.23)	20272.86	-43486.66(	37.54)	20309.80	-43479.94(	12.00)
20308.59	-43454.49(	36.47)	20272.32	-43458.34(	7.05)	20265.30	-43459.09(	8.61)
20250.00	-43461.63(	29.20)						
2(EY"7% 1- 54(95"	1		1562- 1/ 2					
20276.80	-43517.54(	41.48)	20318.02	-43512.84(	12.92)	20316.23	-43500.04(	8.27)
20310.50	-43481.98(	37.87)	20273.28	-43489.00(	0.83)*	20272.45	-43489.09(	27.14)
2(EY"7% 1- 54(95"	1		1564- 1/ 2					
* 20250.00	-43520.47(	26.95)	20276.57	-43515.92(	27.14)	20272.45	-43489.09(	22.80)
20250.00	-43499.99(	20.48)						
2(EY"7% 1- 54(95"	1		1565- 1					
20279.74	-43537.24(	41.41)	20320.58	-43529.28(	16.61)	20318.02	-43512.84(	41.48)*

S1 32-1		67	17	500	SITOMINAGAI		X#	20250.00	Y#	-43600.00	PAGE	3
2[EY"7#		J- 54[9#"	J	1566-	1	1/ 2						
*	20250.00	-43545.07(	9.73)	20259.54	-43543.15(	21.15)	20280.24	-43538.79(	1.57)	20279.94	-43537.24(	19.94)
	20276.80	-43517.54(	1.63)	20276.57	-43515.92(	26.95)	20250.00	-43520.47(	24.60)			
2[EY"7#		J- 54[9#"	J	1566-	2	1/ 2						
*	20250.00	-43559.09(	12.36)	20262.12	-43556.66(	13.75)	20259.54	-43543.15(	9.73)	20250.00	-43545.07(	4.91)
	20250.00	-43549.98(	9.11)									
2[EY"7#		J- 54[9#"	J	1566-	4	1/ 2						
*	20250.00	-43586.71(	8.11)	20258.05	-43585.69(	5.20)	20263.20	-43584.93(	9.21)	20271.61	-43581.17(	12.63)
	20266.69	-43569.53(	17.14)	20250.00	-43573.47(	13.24)						
2[EY"7#		J- 54[9#"	J	1567		1/ 2						
	20271.61	-43581.17(	4.94)	20276.30	-43579.61(	18.27)	20293.72	-43574.09(	18.67)	20311.26	-43567.69(	8.02)
	20309.14	-43559.95(	14.88)	20322.75	-43553.93(	0.75)	20322.48	-43553.22(	8.87)	20320.54	-43544.56(	15.30)
	20320.58	-43529.26(	41.41)	20279.94	-43537.24(	1.57)	20280.24	-43538.79(	21.15)	20259.54	-43543.15(	13.75)
	20262.12	-43556.66(	12.36)	20250.00	-43559.09(	14.38)*	20250.00	-43573.47(	17.14)	20266.69	-43569.53(	12.63)
2[EY"7#		J- 54[9#"	J	1571-	2							
	20299.96	-43589.42(	33.58)	20331.06	-43576.73(	2.54)	20330.12	-43574.36(	21.71)	20322.75	-43553.93(	14.88)
	20309.14	-43559.95(	8.02)	20311.26	-43567.69(	18.67)*	20293.72	-43574.09(	16.55)			
2[EY"7#		J- 54[9#"	J	1572-	1							
*	20283.13	-43596.74(	18.35)	20299.96	-43589.42(	16.55)	20293.72	-43574.09(	18.27)*	20276.30	-43579.61(	18.44)
2[EY"7#		J- 54[9#"	J	1573		2/ 2						
*	20275.81	-43600.00(	24.15)	20299.96	-43600.00(	3.40)	20303.36	-43600.00(	34.63)	20334.98	-43585.87(	9.94)
	20331.06	-43576.73(	33.58)	20299.96	-43589.42(	18.35)	20283.13	-43596.74(	8.01)			
2[EY"7#		J- 54[9#"	J	1574		2/ 3						
	20254.26	-43600.00(	21.55)	20275.81	-43600.00(	8.01)	20283.13	-43596.74(	18.44)	20276.30	-43579.61(	4.94)
	20271.61	-43581.17(	9.21)	20263.20	-43584.93(	5.20)	20258.05	-43585.69(	8.11)	20250.00	-43586.71(	4.53)
*	20250.00	-43591.24(	9.74)									
2[EY"7#		J- 54[9#"	J	1576-	1	2/ 2						
*	20303.36	-43600.00(	31.66)	20335.02	-43600.00(	7.34)	20341.39	-43596.35(	7.65)	20337.34	-43589.85(	4.62)
	20334.98	-43585.87(	34.63)									
2[EY"7#		J- 54[9#"	J	1576-	2	2/ 2						
*	20335.02	-43600.00(	9.18)	20344.20	-43600.00(	4.55)	20341.73	-43596.17(	0.38)	20341.39	-43596.35(	7.34)
2[EY"7#		J- 55[0Y"9#"	J	1577-	6							
	20329.85	-43538.35(	2.42)	20332.27	-43538.33(	9.57)	20341.82	-43537.67(	2.96)	20344.75	-43537.22(	21.19)
	20365.83	-43535.01(	10.52)	20376.32	-43534.14(	5.14)	20381.46	-43534.25(	6.28)	20387.67	-43535.20(	9.03)
	20392.62	-43534.05(	7.72)	20400.00	-43531.77(	3.38)	20400.00	-43528.39(	4.24)	20395.90	-43529.49(	6.82)
	20395.04	-43522.72(	5.71)	20393.66	-43517.17(	8.34)	20391.04	-43509.25(	10.01)	20388.97	-43499.45(	8.97)
	20388.27	-43490.50(	13.34)	20388.49	-43477.16(	0.45)	20388.04	-43477.15(	5.25)	20388.32	-43471.90(	1.06)
	20388.77	-43470.94(	5.27)	20383.50	-43470.83(	3.79)	20384.66	-43473.37(	4.53)	20385.40	-43477.84(	8.51)
	20364.82	-43486.34(	9.07)	20384.40	-43495.41(	7.45)	20385.43	-43502.79(	5.76)	20387.23	-43508.27(	5.35)
	20389.85	-43513.57(	4.93)	20390.33	-43518.08(	7.76)	20391.86	-43525.69(	4.34)	20391.07	-43529.96(	2.42)
	20387.75	-43532.00(	2.69)	20387.14	-43532.69(	10.92)	20376.24	-43531.90(	37.85)	20338.57	-43535.59(	6.48)
	20332.11	-43536.13(	2.03)	20330.08	-43536.14(	2.30)	20327.93	-43535.32(	1.06)	20327.23	-43534.52(	1.29)
	20326.62	-43533.38(	4.31)*	20326.12	-43537.67(	3.79)						
2[EY"7#		J- 55[0Y"9#"	J	1577-	1							
*	20330.49	-43561.95(	20.64)	20348.70	-43552.22(	16.09)	20341.82	-43537.67(	9.57)	20332.27	-43538.33(	2.42)
	20329.85	-43538.35(	3.79)	20326.12	-43537.67(	2.67)	20325.30	-43540.22(	3.39)*	20325.24	-43543.61(	6.61)
	20326.48	-43550.11(	12.50)									

2(EY"79 1- 55(0Y9#9 1 1577- 2

20336.73 -43578.53(22.13) 20356.34 -43568.26(10.62) 20351.68 -43558.71(7.14) 20348.70 -43552.22(20.64)
 * 20330.49 -43561.95(17.71)

2(EY"79 1- 55(0Y9#9 1 1577- 3

* 20341.82 -43589.17(22.03) 20360.79 -43577.96(1.51) 20360.23 -43576.55(0.21) 20360.42 -43576.44(9.14)
 20356.34 -43568.26(22.13)* 20336.73 -43578.53(4.01) 20338.10 -43582.30(3.80) 20339.87 -43585.67(4.00)

2(EY"79 1- 55(0Y9#9 1 1578 2/ 2

20348.57 -43600.00(1.40) 20349.97 -43600.00(35.76) 20385.73 -43600.00(12.46) 20395.39 -43592.13(12.49)
 20387.22 -43582.67(9.23) 20381.25 -43575.63(9.95) 20375.39 -43567.58(1.53) 20374.11 -43568.42(15.86)
 20360.42 -43576.44(0.21) 20360.23 -43576.55(1.51) 20360.79 -43577.96(22.03)* 20341.82 -43589.17(10.13)
 20347.07 -43597.84(2.62)

2(EY"79 1- 55(0Y9#9 1 1579- 3 2/ 2

20395.39 -43592.13(5.76) 20400.00 -43588.67(25.30) 20400.00 -43563.37(14.45) 20388.02 -43571.46(8.49)
 20392.88 -43578.43(7.07)* 20387.22 -43582.67(12.49)

2(EY"79 1- 55(0Y9#9 1 1579- 4

* 20387.22 -43582.67(7.07) 20392.88 -43578.43(8.49) 20388.02 -43571.46(10.25) 20382.32 -43562.94(8.33)
 * 20375.39 -43567.58(9.95) 20381.25 -43575.63(9.23)

2(EY"79 1- 55(0Y9#9 1 1580- 1 2/ 2

20388.02 -43571.46(14.45) 20400.00 -43563.37(5.75) 20400.00 -43557.62(2.41) 20398.61 -43555.65(3.39)
 20397.02 -43552.65(17.94)* 20382.32 -43562.94(10.25)

2(EY"79 1- 55(0Y9#9 1 1582- 1

* 20374.11 -43568.42(1.53) 20375.39 -43567.58(8.33) 20382.32 -43562.94(17.94) 20397.02 -43552.65(9.45)
 20391.56 -43544.93(2.14) 20390.62 -43543.00(3.37) 20389.25 -43539.92(4.97) 20387.67 -43535.20(6.28)
 20381.46 -43534.35(5.14) 20376.32 -43534.14(10.52) 20365.83 -43535.01(13.98) 20369.33 -43548.55(4.03)
 * 20365.70 -43550.32(19.95)

2(EY"79 1- 55(0Y9#9 1 1582- 3

* 20353.35 -43557.58(14.32) 20365.70 -43550.32(4.03) 20367.33 -43548.55(13.98) 20365.83 -43535.01(21.19)
 20344.75 -43537.22(1.10)* 20344.27 -43538.22(21.38)

2(EY"79 1- 55(0Y9#9 1 1582- 4

* 20360.42 -43576.44(15.86) 20374.11 -43568.42(17.95) 20365.70 -43550.32(14.32) 20353.35 -43557.58(21.38)
 20344.27 -43538.22(1.10) 20344.75 -43537.22(2.96)* 20341.82 -43537.67(16.09) 20348.70 -43552.22(7.14)
 20351.68 -43558.71(10.62) 20356.34 -43568.26(9.14)

2(EY"79 1- 55(0Y9#9 1 1584

20330.08 -43536.14(2.03) 20332.11 -43536.13(6.48) 20338.57 -43535.59(37.85) 20376.24 -43531.90(10.92)
 20387.14 -43532.69(2.69) 20389.75 -43532.00(2.42) 20391.07 -43529.96(4.34) 20391.86 -43525.69(7.76)
 20370.33 -43518.08(32.82) 20357.62 -43520.79(10.59) 20347.06 -43521.63(21.82)* 20325.31 -43523.47(9.99)
 20326.62 -43533.38(1.29) 20327.23 -43534.52(1.06) 20327.93 -43535.32(2.30)

2(EY"79 1- 55(0Y9#9 1 1585- 1

20347.06 -43521.63(10.59) 20357.62 -43520.79(14.75) 20355.47 -43506.19(9.66)* 20345.88 -43507.38(14.29)

2(EY"79 1- 55(0Y9#9 1 1585- 2

* 20357.62 -43520.79(32.82) 20390.33 -43518.08(4.93) 20385.85 -43513.37(5.35) 20387.23 -43508.27(5.76)
 20385.43 -43502.79(19.22) 20366.35 -43505.16(8.81) 20357.57 -43505.92(2.11)* 20355.47 -43506.19(14.75)

2(EY"79 1- 55(0Y9#9 1 1585- 3

* 20325.31 -43523.47(21.82) 20347.06 -43521.63(14.29) 20345.88 -43507.38(23.17)* 20322.87 -43510.17(13.52)

2(EY"79 1- 55(0Y9#9 1 1586- 1

* 20357.57 -43505.92(8.81) 20366.35 -43505.16(7.26) 20365.70 -43497.92(18.86) 20384.40 -43495.41(9.07)
 20384.82 -43486.34(19.68) 20365.30 -43488.89(9.65)* 20355.69 -43489.85(16.17)

2(EY"7# J- 55(DY#39 J

1586- 2

* 20322.37 -43510.17(23.17) 20345.85 -43507.38(7.66) 20355.47 -43506.19(2.11) 20387.57 -43505.92(16.17)
20355.69 -43489.85(12.06) 20343.69 -43491.11(24.32)* 20319.54 -43494.01(16.49)

2(EY"7# J- 55(DY#39 J

1586- 3

* 20366.35 -43505.16(19.22) 20385.43 -43502.79(7.45) 20384.40 -43495.41(18.86)* 20365.70 -43497.92(7.26)

2(EY"7# J- 55(DY#39 J

1587- 1

* 20319.54 -43494.01(24.32) 20343.69 -43491.11(16.87) 20341.61 -43474.36(26.27)* 20316.17 -43480.94(13.49)

2(EY"7# J- 55(DY#39 J

1587- 2

* 20365.30 -43488.89(19.68) 20384.82 -43486.34(8.51) 20385.40 -43477.84(4.53) 20384.66 -43473.37(2.79)
20383.50 -43470.83(3.35) 20381.28 -43468.31(2.03) 20379.54 -43467.25(2.55) 20377.00 -43466.97(2.73)
20374.27 -43467.02(3.51) 20370.81 -43467.63(7.85)* 20363.09 -43469.08(19.93)

2(EY"7# J- 55(DY#39 J

1587- 4

* 20343.69 -43491.11(12.06) 20355.69 -43489.85(9.65) 20365.30 -43488.89(19.93) 20363.09 -43469.08(22.11)
* 20341.61 -43474.36(16.87)

2(EY"7# J- 55(DY#39 J

1588 2/ 2

* 20395.90 -43529.49(4.24) 20400.00 -43528.39(28.34) 20400.00 -43500.05(22.95) 20400.00 -43477.10(11.51)
20388.49 -43477.15(13.34)* 20388.27 -43490.50(8.97) 20388.97 -43499.45(10.01) 20391.04 -43509.25(8.34)
20393.66 -43517.17(5.71) 20395.04 -43522.72(6.82)

2(EY"7# J- 55(DY#39 J

1597 2/ 2

20400.00 -43477.10(10.43) 20400.00 -43466.62(0.59) 20397.44 -43466.81(1.70) 20397.74 -43466.82(7.49)
20390.92 -43469.92(2.37) 20388.77 -43470.94(1.06) 20388.32 -43471.90(5.25)* 20388.04 -43477.15(0.45)
20388.49 -43477.16(11.51)

2(EY"7# J- 57(EY"7J J

1690 = 7

20383.50 -43470.83(5.27) 20388.77 -43470.94(2.37) 20390.92 -43469.92(7.49) 20397.74 -43466.82(1.70)
20397.44 -43466.81(0.59) 20400.00 -43466.62(3.65) 20400.00 -43462.97(15.77) 20385.44 -43469.05(3.85)
20382.60 -43466.44(2.35) 20380.74 -43465.00(4.08) 20376.69 -43464.46(1.04) 20375.67 -43464.68(0.89)
20375.39 -43463.83(12.74) 20362.89 -43466.31(33.49) 20330.43 -43474.59(15.35) 20315.33 -43478.33(7.40)
20313.58 -43471.13(4.54) 20313.07 -43466.61(6.00) 20313.16 -43460.61(5.44) 20313.52 -43455.18(6.57)
20313.98 -43448.62(6.99) 20314.18 -43441.63(4.34) 20314.15 -43437.29(4.48) 20313.40 -43432.87(4.96)
20311.82 -43428.16(2.89) 20311.08 -43425.36(6.42) 20309.36 -43419.17(6.14) 20308.40 -43413.10(6.64)
20308.47 -43406.46(6.49) 20309.18 -43400.00(2.80) 20306.38 -43400.00(7.22)* 20305.76 -43407.20(6.54)
20305.78 -43413.74(5.88) 20306.75 -43419.54(6.39) 20308.09 -43425.79(8.12) 20310.57 -43433.53(4.09)
20311.41 -43437.54(4.07) 20311.83 -43441.59(7.19) 20311.70 -43448.78(6.35) 20310.92 -43455.09(5.40)
20310.63 -43460.49(6.66) 20310.45 -43467.15(4.45) 20311.09 -43471.56(9.90) 20313.29 -43481.22(2.89)
20313.17 -43480.94(26.27) 20341.61 -43474.36(22.11) 20363.09 -43469.08(7.85) 20370.81 -43467.63(3.51)
20374.27 -43467.02(2.73) 20377.00 -43466.97(2.55) 20379.54 -43467.25(2.03) 20381.28 -43468.31(3.35)

2(EY"7# J- 57(EY"7J J

1690 = 8

20400.00 -43400.73(0.73) 20400.00 -43400.00(0.15)* 20399.85 -43400.00(0.74)

2(EY"7# J- 57(EY"7J J

1690 = 4

* 20310.50 -43481.98(2.89) 20313.29 -43481.22(9.90) 20311.09 -43471.56(4.45) 20310.45 -43467.15(6.66)
20310.63 -43460.49(5.40) 20310.92 -43455.09(6.35) 20311.70 -43448.78(7.19) 20311.83 -43441.59(4.07)
20311.41 -43437.54(4.09) 20310.57 -43433.53(8.12) 20308.09 -43425.79(6.39) 20306.75 -43419.54(5.88)
20305.78 -43413.74(6.54) 20305.76 -43407.20(7.22) 20306.38 -43400.00(2.63) 20303.75 -43400.00(5.26)
20303.63 -43405.26(7.50)* 20303.43 -43412.76(5.86) 20304.22 -43418.57(8.01) 20305.96 -43426.39(0.52)
20306.11 -43426.89(5.72) 20308.26 -43432.20(5.86) 20309.33 -43437.93(6.90) 20309.71 -43444.83(8.72)
20308.59 -43454.49(13.64) 20307.78 -43468.11(12.00) 20309.80 -43479.94(2.15)

2(EY"7# J- 57(EY"7J J

1645- 3 2/ 2

20385.44 -43469.05(15.77) 20400.00 -43462.97(7.57) 20400.00 -43455.40(13.54) 20391.60 -43444.77(10.93)
20381.86 -43449.75(10.98)* 20372.27 -43455.10(9.27) 20375.39 -43463.83(0.89) 20375.67 -43464.68(1.04)

20376.69 -43464.46(4.08) 20380.74 -43465.00(2.35) 20382.60 -43466.44(3.85)

2LEP79 J= 57LEP7J J 1646 2/ 2

20362.89 -43466.31(12.74) 20375.39 -43463.83(9.27) 20372.27 -43455.10(10.98) 20381.86 -43449.75(10.93)

20391.60 -43444.77(13.54) 20400.00 -43455.40(5.36) 20400.00 -43450.04(26.32) 20400.00 -43423.72(43.62)

* 20357.08 -43431.51(13.09) 20359.29 -43444.42(22.18)

2LEP79 J= 57LEP7J J 1647- 1

20313.52 -43455.18(47.01) 20359.29 -43444.42(13.09) 20357.08 -43431.51(9.86) 20355.51 -43421.77(44.15)

* 20311.82 -43428.16(4.96) 20313.40 -43432.87(4.48) 20314.15 -43437.29(4.34) 20314.18 -43441.63(6.99)

20313.98 -43448.62(6.57)

2LEP79 J= 57LEP7J J 1647- 2

20315.33 -43478.33(15.55) 20330.43 -43474.59(33.49) 20362.89 -43466.31(22.18) 20359.29 -43444.42(47.01)

20313.52 -43455.18(5.44) 20313.16 -43460.61(6.00)* 20313.07 -43466.61(4.54) 20313.58 -43471.13(7.40)

2LEP79 J= 57LEP7J J 1648 2/ 2

20357.08 -43431.51(43.62) 20400.00 -43423.72(16.71) 20400.00 -43407.01(46.26)* 20354.53 -43415.53(6.31)

20355.51 -43421.77(9.86)

2LEP79 J= 57LEP7J J 1649 2/ 3

20354.53 -43415.53(46.26) 20400.00 -43407.01(6.28) 20400.00 -43400.73(0.74) 20399.85 -43400.00(47.80)

20352.05 -43400.00(7.44) 20353.19 -43407.36(8.27)

2LEP79 J= 57LEP7J J 1651- 1 1/ 2

20308.40 -43413.10(45.15) 20353.19 -43407.36(7.44) 20352.05 -43400.00(2.06) 20349.99 -43400.00(40.81)

20309.18 -43400.00(6.49) 20308.47 -43406.46(6.64)

2LEP79 J= 57LEP7J J 1651- 2

20311.82 -43428.16(44.15) 20355.51 -43421.77(6.31) 20354.53 -43415.53(8.27) 20353.19 -43407.36(45.15)

* 20308.40 -43413.10(6.14) 20309.36 -43419.17(6.42) 20311.08 -43423.36(2.89)