

11.

Sb 12 0	2.20	1.50	5.2	Sb 10 55	Kb 48 30
Kb 46 4				Sb 52 18	
			5.2	Kb 47 11	K19 18 25
				Sb 53 0	K19 25 50
12 Sb 23 26.20	2.88	1.70	5.2	Sb 23 23 20	K23 53 10
K23 57 32				J. 0 1 54	J. 0 0 91.5
Sb 20 57	2.60	1.70	5.2	Sb 24 50	K. 6 53 0.
K. 6 51 0				J. 0 2 15	J. 7 0 22.65
K19 4 40				K19 18 40	K19 29 50 A
K19 32 36	2.60	1.70	5.2	K19 44 0	K19 37 14.6
13 Sb 23 29 3	3.30	1.70	5.2	S23 25 25	K23 59 35.5
K23 56 15				J. 0 0 23	K23 52 10. } 13" 2
Sb 23 42	3.00	1.70	5.2	Sb 22 0	Kb 50 30
K. 6 49 45				Sb 55 30	Sb 57 56.8
Sb 31 22	2.20	1.75	5.1	turbo	A
K19 15 21					
14 Sb 23 27 50	2.40	1.8	5.2	S23 29 47	K23 53 40
K23 51 3				J. 0 0 29	J. 0 1 94
Sb 22 40	2.40	1.75	5.2	Sb 19 20	Kb 46 0 A
Kb 44 44				Sb 48 55	Sb 54 30.6 .45
K19 1 40	2.22	1.75	5.2	Sb 57 54	K19 17 10 A
K19 21 38				K19 25 25	K19 24 42.5 .38
15 Sb 26 20	3.06	1.75	5.2	J. 0 28 15	K. 0 43 50 A
K. 0 45 24				J. 0 54 52	J. 0 51 23.6 .33
S. 5 8 26	3.02	1.70	5.2	S. 5 9 40	K. 5 29 10 A
K. 5 26 43				S. 5 35 31	S. 5 36 44.2
S. 19 15 40	2.40	1.75	5.2	S. 19 18 10	K. 19 33 10 A
K. 19 31 36				S. 19 41 42	K. 19 40 46.4

Dies	Horol. Hops.		Temp. Vertis.		Amplit.	Horol. Ferlb.	
	S. Schiff.	K. Schiff.	Koss.	Fract.		Seyf.	K. Schiff.
Nov. 19.	S. 15. 54	40				F. 0 8	28
	K. 0 2	9	+3.2	+1.0	5.7	S. 0 0	20
	S. 0 42	50				F. 8 43	33
	K. 8 48	51	+2.6	+0.9	5.7	S. 0 36	50
	S. 14 50	15				F. 19 57	42.2
Nov. 19.	K. 19 54	25	+2.2	1.05	5.7	S. 19 56	2
	S. 16 2	35				F. 6 3	52
	K. 0 6	3	+2.68	1.00	5.7	S. 15 39	41
	S. 22. 38.	50.				F. 6. 43. 15	F. 6 48 49.3
	K. 6 41.	12	+2.74	1.00	5.7	S. 22. 40. 10	K. 6. 48 0
Nov. 20.	S. 12 9	7				F. 20 13	1
	K. 20 9	14	+2.00	1.05	5.7	S. 12 12	10
	S. 16 8	40				F. 0 9	5
	K. 0 8	7	+2.00	1.05	5.7	S. 16 8	53
	S. 22 51	20				F. 6 33	45
Nov. 20.	K. 6 49	40	+2.08	1.05	5.7	S. 22. 34. 40.	K. 6. 54. 30. 0
	S. 12 32	40				F. 20 35	24
	K. 20 28	43	+2.08	1.05	5.6	S. 12 32	35
	S. 16 8	13				F. 0 6	34
	K. 0 3	40	+2.20	+1.05	+5.5	S. 16 19	20
Nov. 21.	S. 22 58	36				F. 0 5	17.4
	K. 6 49	55	+2.38	+1.00	5.6	S. 16 19	20
	S. 12. 11.	50				F. 6 51	0
	K. 20 2	55	2.90	+1.05	5.6	S. 23 1.	54
	S. 16. 9.	30				F. 20 2	10
Nov. 21.	K. 0 0	55	2.46	1.05	5.6	S. 12 9	15.
	S. 22 54	53				F. 0 7	44
	K. 6 45	10	2.40	1.00	5.6	S. 16 15.	30
	K. 19 53	24				F. 0 7	44
	S. 12 5	20	2.28	1.05	5.5	S. 16 15.	30
Nov. 22.	S. 22 54	53				F. 6 51	7
	K. 6 45	10	2.40	1.00	5.6	S. 16 15.	30
	K. 19 53	24				F. 6 47	30.85
	S. 12 5	20	2.28	1.05	5.5	S. 19 56	6
	S. 12 5	20				S. 12 7	10.

Dies	Horolog. Kof. & Seyffer.	Temp. Kof. & fructus	Nectis fructus	Amplitudo Arcillat.	Horolog. Feurb. Seyffer.	Temp. Kof. & fructus	Nectis fructus	Amplitudo Arcillat.
Novemb. 24	S. 16 16 0 K. 0 3 16	+2.60 +2.94	+1.0 +1.0	5.5 5.5	S. 9 43 S. 16 21 30	F. 0 5 12.85 K. 0 4 20 F. 6.38.43.8 K. 6.37.20.		
25	—	+3.08	+1.0	5.5	—	F. 19.59.25.5 K. 19.58.30		
26	S. 23 13 29 K. 6 56 0	+3.24	+1.0	5.5	S. 6 57 20 S. 23 13 52	F. 6 54 27 K. 6 53 30		
27	S. 12 58 15 K. 20 38 28	+3.40	+1.0	5.4	S. 20. 44 21 S. 12. 3. 10	F. 20 35 48.8 K. 20 34 50.0		
28	S. 16 21 35 K. 0 1 14	+3.80	1.0	5.4	S. 0 3 38 S. 16 23 0	F. 0 2 49.25 K. 0 1 50.		
29	S. 22 32 10 K. 6 10 57	+4.40	1.0	5.4	S. 6 14 57 S. 22 32 20	F. 6 12 30 K. 6 11 30		
30	S. 12 12 20. K. 19 48 40	3.84	1.0	5.3	F. 19 46 42 S. 12. 9. 20	F. 19 47 31.5 K. 19. 46. 30		
1	S. 16 29 43 K. 0 5 20	4.40	1.0	5.4	S. 0 6 29 S. 16 29 50	F. 0 1 2 K. 0 0 0		
2	S. 23 16 31 K. 6 51 0	4.60	(1.0)	5.4	F. 6 57 21 S. 23. 21. 50	F. 6 52 12.85 K. 6 52 10.		
3	S. 12. 22 23 K. 19 54 41	4.2	0.95	5.4	F. 19 57 12 S. 12 23 50	F. 19 58 34.2 K. 19 57 30		
4	S. 16 28 10. K. 23 59 47	+4.76	0.95	5.4	F. 0 4 11 S. 16. 31 20	F. 0 1 14.6 K. 0 0 10		
5	S. 0 33 10 K. 8 3 26	+4.44	0.95	5.3	F. 8 8 1 S. 0 36 40	F. 8 0 54.6 K. 7 59 50		Alber?
6	S. 12 39 10 K. 20 7 25	+4.2	0.95	5.5	F. 20 13 14 S. 12 43 50	F. 20 10 16.75 K. 20 9 10		

Temp.	Val. fruct.	Ampl.	Horolog. Kof. & Seyffer.	Temp. Kof. & fructus	Nectis fructus	Amplitudo Arcillat.
+4.38	0.95	5.5	S. 16 33 0 K. 0 0 36	F. 0 0 37.25 K. 0 2 30		
+4.5	0.95	5.5	S. 23 26 36 K. 6 53 3	F. 6 56 47.95 K. 6 53 40		
+4.42	0.95	5.5	S. 12 44 10 K. 20 8 24	F. 20 10 59.55 K. 20 9 50		
+4.60	0.90	5.5	S. 16 38 20 K. 0 1 55.	F. 0 4 9.95 K. 0 3 0.		
+4.82	0.90	5.5	S. 23 27 0 K. 6 49 27	F. 6 52 30.8 K. 6 51 20.		
+4.40	0.90	5.5	S. 13 8 36 K. 20 28 46	F. 20 30 32.25 K. 20 29 20		
+4.60	0.90	5.5	S. 16 44 20 K. 0 3 54	F. 0 3 2.55 K. 0 1 50.		
+4.68	0.90	5.5	S. 22 44 0. K. 6 2 34	F. 6 4 59.4 K. 6 3 40		
+4.30	0.90	5.5	S. 13 6 50 K. 20 23 0	F. 20 21 14.9 K. 20 20 0.		
+4.28	0.95	5.5	S. 16 48 0 K. 0 3 33	F. 0 2 35.45 K. 0 1 20		
+4.24	0.95	5.5	S. 23 41 40 K. 6 56 4	F. 0 53 16.1 K. 5 52 0		
3.70	1.00	5.5	S. 13. 28 40 K. 20 40 46	F. 20 40 27.5 K. 20 39 10.0		
4.00	1.00	5.5	S. 16 52 30 K. 0 4 2	F. 0 1 57.95 K. 0 0 40		
4.22	1.00	5.5	S. 22 40 20 K. 5 50 54	F. 5 53 28.6 K. 5 52 10		
3.48	1.05	5.5	S. 12 59 20 K. 20 7 31	F. 20 5 30.25 K. 20 4 10		

Horol. Segff. Koppek	Temp. Koor.	Neclis fraction	Amplitudo	Horol. Segff. Zeitbauer.
Decemb. 4 S 17 ^h 10 K 0 7 41	3.74	1.00	5.4	F 0 6 12 F 0 7' 50.75 S 16 57 20 K 0 6 30
S 23 48 20 K 6 54 43	3.84	1.00?	5.5	F 6 58 14 F 6 54 21.55 S 23 50.30 K 6 53 10
S 12 55 20 K 19 59 32	3.90	1.00	5.5	S 12 54 20 F 19 56 42.9 F 19 59 55 K 19 55 20
5 S 16 56 4 K 23 59 36	4.40	1.00	5.4	S 16 57 40 F 0 3 23.6 F 0 2 35 K 0 2 0
F 22 48 40 K 5 46 14	4.60	1.00	5.5	F 22 43 50 F 5 43 4 K 5 47 48 K 5 41 40
S 13 12 40 K 20 12 49	4.24	0.95	5.4	S 13 10 50 F 20 13 15.6 F 20 12 25 K 20 11 50
6 S 17 1 10 K 0 0 41	4.30	0.95	5.5	S 17 2 0 F 0 3 56 F 0 2 57 K 0 2 30.2
F 23 55 0 K 6 53 22	4.44	0.95	5.5	S 0 1 0 F 6 56 6.95 F 7 0 48 K 6 54 40.0
S 13 13 16 K 20 9 19	4.42	0.95	5.5	S 13 15 30 F 20 11 38.5 F 20 13 7 K 20 10 16
7 S 17 7 20 K 0 2 50	4.62	0.90	5.5	F K
S 13 42 27 K 20 42 40	4.60	0.90	5.5	S 13 51 26 F 20 46 11.2 F 20 45 0 K 20 44 40.0
8 S 17 8 30 K 0 0 0	4.76	0.90	5.5	S 17 11 30 F 0 2 11.5 F 0 4 31 K 0 0 40.0
S 13 38 24 K 20 30 35	5.44	0.8	5.5	S 13 38 40 F 20 25' 24" F 20 28 19 K 20 3 50
S 13 44 40 K 20 32 44				S 13 38 40 F 20 28 19

9 S 20 13 30 K 3 0 29	5.60	0.8	5.5	S 20 11 50 F 3 4 54.85 F 3 3 20 K 3 3 20
S 0 7 30 K 6 53 50	5.00	0.8	5.5	S 0 9 0 F 6 53 34.25 F 6 56 35 K 6 52 0
S 13 51 10 K 20 35 13	4.40	0.9	5.5	S 13 49 30 F 20 28 26.80 F 20 35 10 K 20 36 50
10 S 17 16 5 K 23 59 34	4.58	0.9	5.4	S 17 16 45 F 0 2 37.15 K 0 1 0.00
S 23 10 20 K 5 32 40	4.4	0.9	5.5	F 0 1 51 S 23 9 13 F 6 56 17.9 F 6 53 21 K 6 54 40
S 13 27 30 K 20 17 36	3.4	0.95	5.5	S 13 23 50 F 20 16 29.45 F 20 15 36 K 20 15 0
K 23 59 39 S 17 20 10	4.04	1.00	5.4	S 17 25 30 F 0 1 59.85 F 0 6 38 K 0 0 20
K 9 53 50 S 13 15 20	4.30	1.0	5.5	S 23 19 0 F 6 0 0.6 F 5 59 00 K 5 58 20
S 13 35 40 K 20 11 47	3.44	1.0	5.4	S 13 32 10 F 20 9 22.6 F 20 10 0 K 20 7 40
12 S 17 24 56 K 0 0 25	3.60	1.0	5.4	S 17 29 40 F 0 3 32.8 F 0 6 51 K 0 1 50
S 0 20 20 K 6 54 40	3.40	1.0	5.5	S 0 23 40 F 0 13.65 F 6 53 43 K 6 58 30
S 13 47 20 K 20 19 26	3.00	1.0	5.5	S 13 48 10 F 20 17 25.15 F 20 22 1 K 20 15 40
13 S 17 30 0 K 0 1 29	3.50	1.0	5.5	S 17 27 50 F 0 1 55.5 F 0 1 5 K 0 0 10
S 0 24 10 K 6 54 30	3.80	1.0	5.5	S 0 20 40 F 6 53 26.5 F 6 52 47 K 6 51 40
S 13 44 30 K 20 12 37	3.40	1.0	5.4	S 13 44 5 F 20 10 28.10 F 20 14 0 K 20 8 40

14. S 17 32 20	4.36	+1.0	5.4	F 17.35.50.	F 0 3 58.6
K 23 29 59				F 0 5 7	K 0 2 10.0
S. 22 38 40				S. 22 40 28	F 5 12 59.3
K 5 5 18	4.40	+1.0	5.5	F 5 8 55	K 5 11 10.0
S 13 40 35				S 13 42 36	F 20 9 31.2
K 20 4 43	3.78	1.0	5.5	F 20 8 35	K 20 7 40
15 S 17 35 16	4.00	1.0	5.5	S 17 39 15	F 0 2 11.7
K 23 58 45				F 0 4 35	K 0 0 20
S 0.35.40	4.14	1.0	5.5	F 0.33.0.	F 6 55 52.5
K 6 57 59				F 6 57 12	K 6 54 0.
S 13 49 30	4.40	1.0	5.4	S 13 51 10	F 20 8 34.4
K 20 9 37				F 20 13 11	K 20 6 40
16 S 17 43 40	4.50	0.95	5.4	S 17 42 47	F 0 6 14.85
F 0 3 8				F 0 4 10	K 0 4 20
S 23 56 5	5.00	0.95	5.4	S 23 59 50	F 6.17. 55.55
K 6 14 31				F 6.20.11	K 6 16 0.
S 14 01 30.	4.60	0.9	5.4	S 14 18 20	F 20 25 27.5
K 20 37 32				F 20 36 20	K 20 33 30

Furbo.

S 14 1 40	3.58	1.0	5.4	S 14 2 50.	F 12 50.2
K 20 13 46.0				F 20 16 56	K 20 10 50.
18 S 17 50 50	3.78	1.0	5.4	S 17 48 50	F 0 2 50.7
K 0 2 21				F 0 2 19	K 0 0 50
S 23 16 10.	4.18	1.0	5.4	S 23 18.10	F 6.29 51.3
K 5 26 44				F 5.30.45	K 5.27 50.
S 14 3 30	3.60	1.0	5.4.	S 14 9 10	F 20 12 2.95
K 20 11 37				F 20 19 18	K 20 13 0

(14' 9" 1")

19 S 17 53 0"	3.84	1.0	5.4	S 17 54 40	F 0 1 43.5
K 0 0 29				F 0 4 12	K 23 59 40
S 0.43.25	4.00	1.0	5.4	S 0.44.25	F 6 53 54.2
K 6 49 46				F 6 53 0	K 6 51 50.0
S 14 16 34	4.00	1.0	5.4	S 14.21.40	F 20 24 15.85
K 20 21 0				F 20 27 51	K 20 22 10.
20 S 17 59 50.	4.40	1.0	5.4.	S 18.1.30	F 0 7 56.25
K 0 3 19				F 0 7 5	K 0 5 50
S 0.55.20	4.44	1.0	5.4.	S 0.50.10.	F 6 56 17.25
K 6 57 40				F 6 54 43	K 6 54 10.00
S 14 22 24	4.20	0.95	5.4	S 14 21 15	F 20 20 58.8
K 20 22 30				F 20 23 30	K 20 18 50.0
21 S 17 59 40	4.20	0.95	5.4	S 18 0 26	F 0 3 9.25
K 23 59 10				F 0 2 5	K 0 1 0.0
S 0 54 20	4.10	0.95	5.4	S 0 54 29	F 6 56 20.0
K 6 52 41.				F 6 55 0	K 6 54 10.0
S 14 16 40	3.94	1.00	5.4.	S 14.14.0	F 20 13 51.55
K 20 12 48				F 20 12 20	K 20 11 40
22 S 18 5 40	3.84	1.00	5.4	S 18 5 30	F 0 1 12.0
K 0 1 10				F 0 3 12	K 23 58 50
S 0 0 34	3.78	1.00	5.4	S 0 59 6.	F 6 52 42.8
K 6 54 55				F 6 55 40	K 6 50 20.
S 14 21 30	3.70	1.00	5.4	S 14 22 30	F 20 17 14.2
K 20 13 38				F 20 16 59	K 20 15 0
23 S 18 9 45	4.08	1.00	5.4	S 18 7 30	F 0 1 54.6
K 0 1 15				F 0 1 15	K 23 59 40
S 0 59 0	4.00	1.00	5.4	S 1 30	F 6 52 15.5
K 6 49 22				F 6 54 7	K 6 50 0
S 14 54 40	3.64	1.00	5.4	S 14 55 25	F 20 47 26.8
K 20 42 43				F 20 46 45	K 20 45 10.0

Furbo

Furbo

S 14 59 27	4.00	1.00	5.4	S 15 4 28	K 20 42 0.0
K 20 43 30				F 20 50 50	F 20 44 19.5

K	Temper. Kojock	Veclis Fractus	Amplitudo	F
25	S 18 19.5	4.40	1.00	S 18 20 10 F 0 1 49.85
	K 0 2 35	4.95	1.00	F 0 6 0 K 23 59 30
	S 14 30			S 20 30 F 5.58 10.80
	K 5 57 1	4.82	0.95	5.4 F 6 5 21 K 5 55 50
	S 14 35 30			S 14 39 35 F 20 19 22.5
	K 20 15 38	4.40	0.95	5.4 F 20 22 5 K 20 17 0
26	S 18 18 30			S 18 25 0 F 0 3 32.9
	K 23 58 1	4.30	0.95	5.4 F 0 6 53 K 0 1 10
	S 1 8 47	4.20	0.95	5.4 S 1 7 50 F 6 50 43.8 * 8'7"
	K 6 46 30			F 6 48 37 K 6 48 20
	S 14 35 30			S 14 38 5 F 20 10 25.8 20 19 15.5
	K 20 11 39	4.06	1.00	5.4 F 20 16 39 K 20 8 0 20 16 50
27	S 18 24 25	4.24	1.00	5.5 S 18 23 50 F 0 3 25.9
	K 23 59 56			F 0 1 47 K 0 0 40
	S 1 19 58	4.18	1.00	5.5 S 1 24 17 F 7 2 16.7
	K 6 54 20			F 7 1 5 K 6 59 50
	S 14 34 20			S 14 36 5 F 20 11 48.4
	K 20 6 30	4.00	0.95	5.5 F 20 10 43 F 20 9 20.0
28	S 18 29 19			S 18 32 54 F 0 2 48.75
	K 0 0 50	4.18	1.00	5.4 F 0 6 53 K 0 0 20.0
	S 1 30 20			S 1 27 15 F 7 0 59.5
	K 7 0 41	3.90	1.00	5.4 F 7 0 6 K 6 58 30
	S 14 43 45			S 14 43 35 F 20 11 21
	K 20 11 54	3.76	1.00	5.4 F 20 14 15 K 20 8 50
29	S 18 32 10			S 18 34 43 F 0 3 1.5
	K 23 59 41	3.80	1.00	5.4 F 0 4 45 F 0 0 30
	S 1 27 28			S 1 29 50 F 6 57 42.45
	K 6 59 50	3.76	1.00	5.4 F 6 58 44 K 6 55 10
	S 14 53 50			S 14 54 40 F 20 22 24.15
	K 20 17 58	2.60	1.00	5.4 F 20 21 22 K 20 19 50

30	S 18 37 10	3.58	1.00	5.4	S 18 39 54 F 0 4 44.65
	K 0 0 41				F 0 1 0 K 0 2 10
	S 1 26 30				S 1 29 10 F 6 52 55.5
	K 6 48 53	3.40	1.00	5.4	F 6 54 8 K 6 50 20
	S 15 24 40				S 15 26 20 F 20 51 74
	K 20 44 44	3.18	1.05	5.4	F 20 49 1 K 20 48 30
31	S 18 43 50				S 18 41 50 F 0 1 57.8
	K 0 3 21	3.14	1.05	5.4	F 0 3 59 K 23 59 20
	S 1 52 20				S 1 53 40 F 7 14 48.5
	K 7 10 40	2.82	1.05	5.4	F 7 16 38 K 7 12 10
	S 15 20 40				S 15 21 50 F 20 39 20
32	K 20 36 46	2.54	1.05	5.4	F 20 40 26 F 20 42 0.2
	S 18 45 10				S 18 49 20 F 0 2 0
	K 0 0 45	2.40	1.05	5.4	F 0 7 32 F 0 4 40.8
	S 1 34 0				S 1 32 24 F 6 50 0
	K 6 48 24	2.20	1.05	5.4	F 6 49 30 F 6 52 41.5
	S 15 26 54				S 15 29 20 F 20 37 0
	K 20 39 0	1.60	1.10	5.4	F 20 44 9 F 20 39 43.5
2	S 18 45 57				S 18 51 00 K 23 58 20
	K 23 57 30	1.38	1.30	5.4	F 0 5 16 F 0 1 3.9
	S 1 42 20				S 1 41 45 K 6 53 30
	K 6 52 44	1.60	1.30	5.4	F 6 54 54 F 6 56 14.9
	S 15 9 40				S 15 9 8 F 20 14 30
	K 20 17 50	1.74	1.30	5.3	F 20 20 5 F 20 17 16.9
3	S 18 52 40				S 18 55 0 K 23 58 30
	K 0 0 13	1.80	1.30	5.3	F 0 5 20 F 0 1 17.5
	S 1 46 56				S 1 48 20 K 6 50 50
	K 6 53 20	1.56	1.25	5.4	F 6 52 52 F 6 53 38.5
	S 15 8 40				S 15 9 38 K 20 8 50
	K 20 12 51	0.88	1.35	5.3	F 20 10 40 F 20 11 40.2

(33)

4	S 19 3.0 K 0 6 32 J 23 22 10 K 4 24 59 S 15 1 10 K 20 1 18?	1.60 2.00 1.00	1.35 1.30 1.35	5.3 5.3 5.3	S 19 7 35 L 0 13 57 S 23 24 50 F 4 30 30 S 15 0 30 F 20 3 27 S 19 10 30 L 0 12 56 S 23 33 47 J 4 35 30 S 15 45 50 F 20 44 54 S 19 7 40 L 0 6 11 S 2 3 27 J 7 0 50 S 15 48 40 F 20 43 48 S 19 10 52 L 0 2 25 S 2 0 5 K 6 50 30 S 15 26 4 K 20 14 15	K 0 7 40 F 0 10 30.9 K 20 50 L 4 29 41.5 K 20 20 10.0 J 20 5 3.9 K 0 5 40 F 0 8 34.5 L 4 33 30 J 4 36 29.2 K 20 20 0 J 20 25 57.75 K 23 58 40 L 0 1 38.25 K 6 57 30. F 6 59 59.25 K 20 36 50. F 20 39 51.4 K 23 58 20 L 4 50 F 24 1 21.9 S 2 6 20 F 6 51 30. J 6 59 47 F 6 54 33 K 20 12 10 J 20 17 56 J 20 15 14.1 S 19 12 40 K 0 1 0. F 0 3 19 F 0 4 5.7 S 2 14 50 K 6 51 0.0 J 7 4 20 F 6 53 6.95 K 20 4 50 J 20 9 7 F 20 7 59	(13)	
5	S 19 7 54 K 0 7 26 S 23 32 20 K 4 31 8 S 15 35 27 K 20 31 35	1.68 2.22	1.35 1.30	5.3 5.3	S 19 7 54 K 0 7 26 S 23 32 20 K 4 31 8 S 15 35 27 K 20 31 35			
6	S 19 6 20 K 0 1 53 S 2 1 16 K 6 55 40 S 15 46 36 K 20 38 37 S 19 10 52 K 0 2 25 S 2 0 5 K 6 50 30 S 15 26 4 K 20 14 15	1.40 1.38 0.88 0.98 1.00 1.30	1.35 1.30 1.35	5.3 5.3 5.3 5.2	S 19 6 20 K 0 1 53 S 2 1 16 K 6 55 40 S 15 46 36 K 20 38 37 S 19 10 52 K 0 2 25 S 2 0 5 K 6 50 30 S 15 26 4 K 20 14 15			
8	S 19 8 40 K 23 56 14 S 2 14 32 K 7 0 55 S 15 21 35 K 20 5 47	1.98 1.70 1.38	1.35 1.30	5.2 5.2 5.2	S 19 8 40 K 23 56 14 S 2 14 32 K 7 0 55 S 15 21 35 K 20 5 47			

9	S 19 15 37 K 23 39 10 S 0 39 50 K 5 22 29 S 15 38 42 K 20 18 52 S 19 20 33 K 0 0 6 S 2 14 50 K 6 53 14 S 15 46 20 K 20 22 29 S 19 23 48 K 23 58 51 S 2 23 57 K 6 58 20 S 15 32 8 K 20 4 20 S 19 26 57 K 23 58 30 S 2 38 50 K 7 9 14 S 15 46 2 K 20 14 12 S 19 28 17 K 23 55 50 S 2 23 47 K 6 55 10 S 16 31 54 K 20 55 57 S 19 32 38 K 23 56 11	1.30 1.20 -0.20 +0.04 +0.20 -0.58 -0.22 -0.40 -0.48 +0.78 -0.28 -0.44 -0.24 +0.20 -0.36 +0.16	1.35 1.65 1.70 1.65 1.75 1.70 1.80 1.60 1.70 1.80 1.60 1.70 1.75 1.70 1.70 1.70	5.2 5.3 5.2 5.0 5.3 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2 5.2	S 19 14 12 L 0 1 55 S 0 37 10 K 5 20 40 F 5 23 0 S 15 42 53 K 20 20 10 F 20 26 15 S 19 29 0 L 0 11 45 S 2 18 54 L 7 0 32 S 15 46 0 K 20 19 20 F 20 25 26 S 19 25 50 K 23 59 50 L 0 4 40 F 0 2 7.5 S 2 21 53 K 6 59 10 F 6 59 35 J 7 2 28.75 S 15 31 50 K 20 5 10 F 20 7 23 S 20 8 30.95 S 19 24 7 K 23 59 50 F 23 59 2 F 0 3 11.55 S 2 37 46 K 7 9 50 L 7 14 30 J 7 13 12.9 S 15 45 52 K 20 14 30 F 20 17 27 F 20 18 15 S 19 31 52 K 23 58 0 F 0 2 50 F 0 1 25.6 S 2 29 10 K 6 51 0 F 6 59 0 F 6 54 26.95 S 16 33 58 K 20 57 10 L 21 1 30 F 21 0 39.4 S 19 37 40 K 23 57 10 L 0 4 42 F 20 0 39.9	[A] (0')	
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S16 7 40	-0.60	1.75	5.1	S16 9 30	K20 26 10
K20 27 48				S20 33 11	S20 29 43.3
15 S19 28 30	-0.20	1.7	5.1	S19 40 54	K0 4 26
K23 58 3				K0 7 0	F0 7 59.9
S2 46 0	+0.20	1.7	5.2	S2 46 48	K7 1 50
K7 4 22				S7 8 45	F7 5 25.1
S15 7 10	-0.40	1.7	5.2	S16 9 4	K20 21 20
K20 23 19				S20 28 50	F20 24 57.4
16 S19 43 51	+0.70	1.6	5.2	S19 44 12	K0 0 30
K23 59 24				F0 3 23	F0 4 7.95
S2 38 49	+0.2	1.7	5.2	S2 40 27	K6 59 50
K6 53 13				F6 58 30	F6 59 29.35
S16 0 23	-0.62	1.75	5.2	S16 2 53	K20 13 20
K20 12 34				S20 13 15	F20 17 1.5
17 S19 44 16	-0.50	1.80	5.2	S19 49 55	K23 57 30.0
K23 55 50				F0 5 15	F0 1 12.0
S2 52 20	-0.5	1.75	5.2	S2 53 20	K7 1 20
K7 2 43				F7 7 26	F7 5 3.2
S16 32 35	-0.44	1.75	5.2	S16 34 18	K20 43 25
K20 40 42				S20 46 10	F20 47 10.3
18 S19 57 10	-0.78	1.70	5.2	S20 2 20	K0 6 50
K0 4 43				F0 13 38	F0 10 35.9
S2 58 44	+0.42	1.60	5.2	S3 4 30	K7 5 50
K7 3 7				F7 14 7	F7 9 37
S16 12 23	+0.78	1.60	5.1	S16 14 0	K20 18 40
K20 16 34				F20 22 0	F20 22 29.3
19 S19 55 0	+1.00	1.60	5.2	S19 54 36	K23 59 10
K23 58 34				F0 2 0	F0 2 59.9
S3 1 45	+1.28	1.65	5.2	S3 2 25	K7 5 44
K7 4 8				F7 8 39	F7 9 35.05

N3 (46")

r(39")

S16 26 0				S16 28 30	K20 25 30
K20 26 9	+1.40	1.65	5.2	S20 32 32	F20 29 23.45
S20 8 12				S20 8 20	K0 3 16
K0 7 44	+1.40	1.65	5.3	S0 11 46	F0 7 10
S3 8 50				S3 9 20	K7 8 20
K7 12 12	+1.18	1.65	5.3	F7 11 37	F7 12 15.1
S16 46 50				S16 48 20	K20 43 45
K20 42 56	+0.30	1.75	5.2	S20 48 23	F20 47 42.3
S20 11 53	+0.64	1.80	5.2	S20 10 46	K0 3 50
K0 7 25				F0 10 16	F0 7 47.8
S3 13 13	+0.54	1.80	5.2	S3 12 49	K7 4 46
K7 7 35				F7 11 10	F7 8 44.9
S15 58 50	+0.40	1.80	5.2	S16 3 30	K19 52 10
K19 51 25				F19 59 45	F19 57 10.8
S20 5 43	+0.30	1.80	5.2	S20 8 20	K23 58 40
K23 57 19				F0 3 55	F0 2 41.5
S3 2 20	+0.50	1.70	5.2	S3 4 33	K6 53 20
K6 52 45				F6 59 0	F6 57 22.5
S20 8 53					
K23 55 27					
S20 7 52	0.00	1.70	5.1	S20 13 3	K23 56 20
K23 55 27				F0 4 42	F0 0 24.9
S3 8 41	-0.20	1.80	5.2	S3 8 29	K6 53 40
K6 55 6				F6 59 0	F6 57 46
S15 59 20	-1.22	1.90	5.1	S15 57 15	K19 42 0
K19 43 37				F19 45 40	F19 46 7.5
S20 18.3	+0.8	1.90	5.1	S20	
K0 1 37					
S3 12 20	-0.88	1.94	5.1	S3 13 56	K6 55 40
K6 54 45				F7 0 30	F6 59 49.25
S16 15 28	-1.12	1.90	5.1	S16 16 24	K19 57 10
K19 55 43				F20 0 50	F19 1 21.1

N3(6") ?(10")

?(20")

?(6")

turbo

25 116 16 5
 220 55 40
 -1.00 1.90 5.1
 20 20 20 20 20 20
 70 4 6 80 1 21.5

26 120 30 30
 120 6 43
 -0.02 1.90 5.1
 20 11 15 20 8 25.95

26 120 24 33
 120 0 7
 +0.10 1.90 5.2
 20 29 50 1 20
 20 9 20 20 5 45.9

120 24 36
 120 6 59 0
 +0.24 1.9 5.2
 20 25 39 1.7 1 30
 120 4.20 1.7 5 47.05

120 41 53
 120 14 1
 +0.54 1.8 5.1
 120 38 44 120 11 46
 120 15 15 120 16 5.5

27 120 29 20
 120 0 53
 +0.62 1.8 5.1
 120 30 7 120 58 40
 120 7 0 120 3 0.25

120 28 37
 120 6 59 0
 +0.80 1.8 5.1
 120 31 41 120 7 0 40
 120 6 25 120 5 15

120 52 0
 120 20 9
 +0.70 1.9 5.1
 120 51 47 120 17 40
 120 24 20 120 22 3.95

28 120 27 35
 120 55 8
 +0.78 1.8 5.1
 120 31 0 120 56 20
 120 2 57 120 0 14.5

120 27 12
 120 53 35
 +1.00 1.8 5.1
 120 33 12 120 55 10
 120 4 10 120 59 35.9

120 34 24
 120 19 58 36
 +0.44 1.8 5.1
 120 34 40 120 19 56 45
 120 3 20 120 1 13.05

29 120 34 48
 120 58 20
 +0.58 1.8 5.1
 120 33 50 120 55 45
 120 1 51 120 0 13.85

120 29 10
 120 51 33
 +0.78 1.8 5.1
 120 29 30 120 52 40
 120 56 23 120 57 10

120 42 30
 120 2 41
 +0.56 1.8 5.1
 120 44 20 120 8 12.4
 120 9 3 120 8 3 40.

?(20⁴)

(2) (3⁴)
~~(10)~~

120 36 40 +
 120 56 12 0.68 1.8 5.2
 120 36 50 120 54 32

120 30 54 +
 120 64 17 0.88 1.8 5.1
 120 32 40 120 6 50 10
 120 37 120 34 44.3

120 48 55
 120 5 5 0.80 1.85 5.1
 120 46 58 120 54 40
 120 7 45 120 10 16.5

120 43 0
 120 58 31 1.18 1.80 5.1
 120 44 42 120 55 50
 120 4 50 120 0 27.3

120 37 0
 120 51 22 1.00 1.80 5.1
 120 34 5 120 6 49 40.
 120 53 6 120 54 18.5

120 49 35
 120 1 45
 1.00 1.85 5.1
 120 49 16 120 19 59 20
 120 6 7 120 4 0.95

120 49 50
 120 55 21 1.20 1.80 5.1
 120 41 20 120 23 56 20
 120 3 32 120 1 1.5

120 45 14 1.04 1.80 5.1
 120 55 35
 120 35 0 120 6 51 30
 120 5 3 120 56 12.8

120 30 56
 120 39 0 +0.44 1.85 5.1
 120 31 7 120 34 20.
 120 43 56 120 39 8.5

120 48 54 0.68 1.85 5.1
 120 52 0 120 55 20
 120 56 25 120 4 16 120 0 5.5

120 44 44
 120 51 6 +0.24 1.9 5.1
 120 48 10 120 52 30
 120 59 18 120 57 16.7

120 56 45
 120 0 50 -0.20 1.9 5.1
 120 56 12 120 2 30
 120 5 11 120 7 19.05

?(34')

40
 0.00 1.9 5.1
 10
 0.18 1.9 5.1
 356 30
 58 50
 25 45
 -0.06 1.9 5.1
 25 50
 20 55 22
 54 52
 +0.34 1.9 5.1
 54 0
 52 20
 +0.20 1.9 5.1
 12 28
 8 35
 0.00 1.85 5.1
 6 52
 2 20
 +0.30 1.85 5.1
 55 30
 49 50
 +0.22 1.9 5.1
 17 16 30
 8 37
 -0.08 1.9 5.0
 21 4 50
 23 56 19
 +0.26 1.85 5.1
 3 48 0
 6 38 22
 -0.22 1.85 5.0
 17 14 10
 20 2 18
 -0.78 1.90 5.0
 21 8 42
 23 56 11
 -0.08 1.90 5.1
 2 2 40
 4 49 20
 +0.20 1.90 5.0
 16 58 25
 19 42 36
 -0.88 1.95 5.0
 21 16 51
 0 19
 -0.88 1.95 5.0
 3 59 29
 41 50
 -1.02 1.90 5.0
 17 20 5
 20 0 13
 -1.22 1.95 5.0

20 53 45 K 23 58 0
 2 5 F 0 2 49.5
 8 56 4 K 6 55 0
 7 3 15 F 6 59 50.9
 17 26 52 K 20 27 37
 20 31 50 F 20 32 30.2
 20 59 37 K 23 56 0
 9 4 0 F 0 0 53.8
 2 54 25 K 6 33 30
 6 51 40 F 6 58 25.05
 17 15 10 K 20 9 20
 20 16 14 F 20 14 17.5
 21 13 35 K 0 3 30 A
 20 14 0 F 0 8 28
 3 57 54 K 6 53 20 A
 6 57 13 F 6 58 19.5
 17 21 21 K 20 10 10 A
 20 18 29 F 20 15 11.8
 21 7 40 K 23 52 50 A
 0 4 11 F 23 57 52.4
 3 54 58 K 6 39 40 A
 6 47 23 F 6 44 43.7
 20 13 20 K 20 0 20 A
 17 20 7 F 20 5 25.95
 21 13 11 K 23 58 40
 0 5 46 F 0 3 46.85
 2 7 20 K 4 50 50 A
 4 59 7 F 4 55 57.8
 17 1 10 K 19 46 10 A
 19 50 31 F 19 51 20.4
 21 12 35 K 23 57 20 A
 0 1 15 F 0 2 31.3
 4 2 35 K 6 46 23 A
 6 50 8 F 6 51 35.6
 17 19 48 K 20 1 30 A
 20 5 11 F 20 6 44.95

22 13 15
 23 54 44 -0.98 1.95 5.0
 4 22 0
 7 0 18 -0.88 1.95 5.1
 17 17 20
 19 53 29 -0.62 1.95 5.0
 21 23 40
 23 59 2 -0.42 1.95 5.0
 4 6 5
 6 40 26 -0.26 1.90 5.1
 17 48 20
 20 20 24 -0.20 1.95 5.1
 21 24 5
 23 55 33 -0.08 1.9 5.0
 4 17 46
 6 48 5
 0.00 1.9 5.0
 17 29 10
 19 57 17 +0.20 1.9 5.0
 21 28 35
 23 56 2 +0.30 1.9 5.0
 4 22 40
 6 48 58 +0.40 1.9 5.0
 17 16 26
 19 40 35 +0.78 1.85 5.0
 21 29 0
 23 52 30 0.90 1.85 5.0
 4 29 0 1.08 1.85 5.0
 6 51 17
 17 30 10
 19 50 17 1.38 1.85 5.0
 21 36 4
 23 55 30 1.44 1.85 5.0
 4 30 3 1.40 1.80 5.1
 7 33 37
 0 9 40 1.58 1.80 5.1

22 18 50 K 23 56 0 A
 3 34 F 0 1 15.5
 4 22 20 K 6 56 40 A
 7 5 55 F 7 1 57.05
 17 20 0 K 19 54 30 A
 20 15 28 F 19 59 49.6
 21 19 25 K 23 55 50 A
 23 0 24 F 0 1 10.4
 4 10 21 K 6 41 40 A
 6 50.3 F 6 47 1.5
 17 45 10 K 20 18 41 A
 20 22 39 F 20 24 5.4
 21 25 22 K 23 54 10 A
 0 2 15 F 23 59 35.15
 4 15 30 K 6 47 30 A
 6 51 16 F 6 52 56.6
 17 28 40 K 19 53 35 A
 20 11 16 F 19 59 4.05
 21 28 40 K 23 54 10
 23 56 2 +0.30 1.9 5.0
 4 22 40
 6 55 46 K 6 45 50 A
 17 23 57 F 6 51 21.3
 17 22 18 K 19 42 10
 19 52 0 F 19 47 43.9
 21 33 16 K 23 53 45
 0 2 17 F 23 59 19.7
 4 29 12 K 6 47 50
 6 57 5 F 6 53 26
 17 21 9 K 19 45 30
 19 52 55 F 19 51 8.3
 21 38 2 K 23 54 10
 0 3 7 F 23 59 49.4
 6 48 20
 4 30 3 1.40 1.80 5.1
 7 33 37
 0 9 40 1.58 1.80 5.1

12' (2)

15	S21 41 30 K23 56 55	1.62	1.8	5.1	S21 45 30 K23 56 20	
	S4 34 59 K6 49 15	1.64	1.8	5.1	S4 34 4 K6 46 40	
	S17 34 24 K19 46 30	1.60	1.8	5.1	J.6 54 5 K6 52 24.9	
16	S21 46 36 K23 58 0	1.60	1.8	5.1	S17 35 20 K19 49 10	
	S4 40 40 K6 50 55	1.60	1.8	5.1	J. 53 13 K19 54 57.1	
	S17 46 50 K19 54 34	1.12	1.85	5.2	S21 45 30 K23 54 10	
17	S21 57 0 K23 54 24	1.22	1.80	5.2	S21 45 30 K23 59 57.5	
	S3 17 10 K5 23 39	1.60	1.80	5.2	S4 39 56 K6 47 40	
	S17 59 0 K20 3 2	1.42	1.80	5.2	J.6 50 K6 59 28.9	>6
18	S21 52 24 K23 55 47	1.48	1.80	5.1	S17 45 0 K19 51 30	
	S4 34 30 K6 36 46	1.68	1.7	5.2	J.14 58 55 K19 57 20.75	
	S17 46 0 K19 46 4	1.58	1.7	5.2	S21 48 40 K23 55 10	
19	S21 58 20 K23 57 42	1.78	1.7	5.2	S21 48 40 K23 55 10	
	S4 51 17 K6 49 30	2.10	1.7	5.2	S21 48 40 K23 55 10	
	S19 53 2 S17 57 0	2.22	1.7	5.2	S21 48 40 K23 55 10	

20	S22 2 20 K23 57 41	1.22	1.75	5.2	S22 2 20 K23 57 41	
	S17 17 20 K19 40 23	2.00	1.75	5.2	S22 2 20 K23 57 41	
21	S22 6 46 K23 58 6	2.02	1.7	5.3	S22 6 46 K23 58 6	
	S6 42 30 K8 32 24	1.82	1.66	5.3	S6 42 30 K8 32 24	
	S17 55 30 K19 43 32	1.11	1.80	5.2	S17 55 30 K19 43 32	
22	S22 8 00 K23 55 20	1.64	1.80	5.2	S22 8 00 K23 55 20	
	S5 3 0 K6 49 11	1.82	1.80	5.2	S5 3 0 K6 49 11	
	S17 57 30 K19 41 32	1.82	1.80	5.2	S17 57 30 K19 41 32	
	S22 9 20 K23 52 40	2.40	1.8	5.3	S22 9 20 K23 52 40	
	S5 2 44 K6 44 55	2.06	1.8	5.3	S5 2 44 K6 44 55	
	S17 56 30 K19 36 32	0.80	1.8	5.3	S17 56 30 K19 36 32	
	S22 14 37 K23 52 55	1.20	1.8	5.2	S22 14 37 K23 52 55	
	S4 54 25 K6 32 37	1.76	1.8	5.3	S4 54 25 K6 32 37	
	S18 23 43 K19 59 40	1.58	1.8	5.2	S18 23 43 K19 59 40	

S. 6 56' 25"

	Th	F		
25	S 22 17 42 K 23 53 0	1.40	1.8	5.2
	S 5 12 20 K 6 46 29	1.40	1.8	5.2
	S 18 19 50 K 19 51 48	1.06	1.8	5.2
26	S 22 36 20 K 23 57 47	1.22	1.8	5.2
	S 5 9 15 K 6 39 25	1.66	1.8	5.2
	S 20 2 51 K 18 34 55	2.08	1.7	5.2
27	S 22 29 38 K 23 56 55	2.20	1.75	5.2
	S 5 19 11 K 6 45 20	2.42	1.7	5.2
	S 18 21 30 K 19 45 29	2.28	1.75	5.2
28	S 22 33 20 K 23 56 37	2.18	1.80	5.2
	S 5 27 30 K 6 49 38	1.40	1.66	5.2
	S 18 11 20 K 19 31 21	0.94	1.80	5.2
29	S 23 34 53 K 23 54 10	1.38	1.85	5.1
	S 5 23 10 K 6 45 19	2.22	1.7	5.1
	S 18 41 40 K 19 57 36	1.46	1.8	5.0

	Th	F		
1	S 22 41 30 K 23 56 46	1.78	1.8	5.1
	S 5 25 0 K 6 49 7	2.04	1.8	5.1
	S 18 41 30 K 19 53 20			
2	S 22 47 35 K 23 58 50	1.88	1.8	5.1
	S 5 41 10 K 6 51 16	1.86	1.75	5.1
	S 18 54 20 K 20 2 14	1.66	1.75	5.1
3	S 22 48 10 K 23 55 25	1.96	1.75	5.0
	S 5 53 30 K 6 59 34	2.67	1.75	5.0
	S 18 17 0 K 19 22 0	2.24	1.7	5.0
	S 22 54 0 K 23 57 14	2.28	1.75	5.1
	S 5 42 10 K 6 44 16	2.18	1.70	5.1
	S 18 25 0 K 19 24 59	2.80	1.70	5.2
	S 22 54 20 K 23 53 34	3.22	1.65	5.2
	S 5 48 24 K 6 46 29	3.00	1.65	5.2
	S 18 31 30 K 19 37 28	2.98	1.70	5.2

24.11?

1.75

33

6	23 1 51	3.22	1.65	5.3	23 1 40	23 2 50
	23 9 4				23 3 30	23 4 05
	25 44 0				25 51 10	26 40 20
	26 38 6	3.20	1.60	5.2	26 52 21	26 47 20 (.19)
	18 57 30				18 58 29	19 2 30
	19 49 24	3.00	1.50	5.3	19 57 25	19 58 20
7	23 50 30	3.30	1.80	5.2	23 2 58	23 3 20 A
	23 54 43				20 1 15	20 0 23 (.89)
	25 58 16	3.36	1.60	5.3	25 58 0	26 44 0
	26 48 20				26 55 9	26 51 4.95
	18 42 30	2.68	1.75	5.2	18 46 20	19 29 50 A
	19 31 17				19 41 20	19 52 50
8	23 7 57	2.80	1.70	5.2	23 9 22	23 52 10
	23 55 10				20 3 42	23 59 17.15 .20
	28 30 35				27 47 5	28 31 43
	27 44 18	2.68	1.70	5.3	28 42 0	28 38 51.4 (.38)
	18 33 41				18 32 10	19 17 50 A
	19 17 40	2.58	1.70	5.2	19 23 55	19 26 00 .78
9	23 9 50	3.40	1.85	5.2	23 12 30	23 33 50
	23 53 3				20 2 53	20 1 0.55 (.44)
	25 51 40	3.20	1.50	5.3	25 54 40	26 35 0 A
	26 33 46				26 43 57	26 42 11.6 (.50)
	19 18 10	2.22	1.65	5.3	19 14 40	19 57 0
	19 58 2				20 1 46	20 5 10
10	23 12 34	2.00	1.80	5.2	23 12 43	23 49 30
	23 51 47				23 59 10	23 56 44
	26 7 30	2.04	1.75	5.2	26 8 20	26 47 20
	26 45 34				26 53 39	26 54 35.1
	18 52 35				18 48 30	19 29 0 A
	19 28 32	2.04	1.75	5.2	19 28 30	19 27 0

(6.97)