43.19 9.98 28.94 33.22 123.47 1.74 NO 33.84 5.07 36.64 28.77 123.95 -0.2 NO 33.79 3.68 25.5 30.11 128.33 -1.78 NO 35.7 19.44 20.7 16.26 137.54 -0.26 DH 38.05 8.3 26.24 29.74 123.8 3.89 NO 92.03 35.39 77.42 56.63 115.72 58.06 SL 94.17 15.38 67.71 78.79 114.89 53.26 SL 56.56 8.96 52.58 47.6 98.78 50.7 SL 43.44 10.1 36.03 33.34 137.44 -3.11 NO 64.62 15.23 67.63 49.4 90.3 31.33 SL 85.1 21.07 91.73 64.03 109.06 38.03 SL 36.16 -0.81 33.63 36.97 135.94 -2.09 NO 66.8 14.55 72.08 52.25 82.46 41.69 SL 40.35 10.19 37.97 30.15 128.01 0.46 NO 86.75 36.04 69.22 50.71 139.41 110.86 SL 60.42 5.27 59.81 55.15 109.03 30.27 SL 31.28 3.14 32.56 28.13 129.01 3.62 DH 31.23 17.72 15.5 13.52 120.06 0.5 DH 59.17 14.56 43.2 44.6 121.04 2.83 NO 70.68 21.7 59.18 48.97 103.01 27.81 SL 44.91 10.22 44.63 34.7 130.08 37.36 SL 60.04 14.31 58.04 45.73 105.13 30.41 SL 39.66 16.21 36.67 23.45 131.92 -4.97 NO 63.17 6.33 63 56.84 110.64 42.61 SL 43.35 7.47 28.07 35.88 112.78 5.75 DH 64.31 26.33 50.96 37.98 106.18 3.12 NO 30.74 13.35 35.9 17.39 142.41 -2.01 NO 62.14 13.96 58 48.18 133.28 4.96 NO 78.49 22.18 60 56.31 118.53 27.38 SL 83.7 20.27 77.11 63.43 125.48 69.28 SL 63.03 27.34 51.61 35.69 114.51 7.44 NO 80.07 48.07 52.4 32.01 110.71 67.73 SL 81.11 20.69 60.69 60.42 94.02 40.51 SL 70.48 12.49 62.42 57.99 114.19 56.9 SL 55.84 28.85 47.69 27 123.31 2.81 DH 51.62 15.97 35 35.66 129.39 1.01 NO 63.79 21.35 66 42.45 119.55 12.38 NO 75.3 16.67 61.3 58.63 118.88 31.58 SL 48.92 19.96 40.26 28.95 119.32 8.03 DH 48.32 17.45 48 30.87 128.98 -0.91 NO 78.43 33.43 76.28 45 138.55 77.16 SL 44.43 14.17 32.24 30.26 131.72 -3.6 NO 47.81 10.69 54 37.12 125.39 -0.4 NO 86.9 32.93 47.79 53.97 135.08 101.72 SL 53.85 19.23 32.78 34.62 121.67 5.33 DH 61.73 17.11 46.9 44.62 120.92 3.09 NO 40.75 1.84 50 38.91 139.25 0.67 NO 72.56 17.39 52 55.18 119.19 32.11 SL

74.72 19.76 82.74 54.96 109.36 33.31 SL 53.43 15.86 37.17 37.57 120.57 5.99 DH 63.62 16.93 49.35 46.68 117.09 -0.36 NO 64.27 12.51 68.7 51.77 95.25 39.41 SL 32.09 6.99 36 25.1 132.26 6.41 DH 81.66 28.75 58.23 52.91 114.77 30.61 SL 52.42 19.01 35.87 33.41 116.56 1.69 DH 66.51 20.9 31.73 45.61 128.9 1.52 NO 34.76 2.63 29.5 32.12 127.14 -0.46 NO 58.1 14.84 79.65 43.26 113.59 50.24 SL 87.68 20.37 93.82 67.31 120.94 76.73 SL 79.94 18.77 63.31 61.16 114.79 38.54 SL 54.75 9.75 48 45 123.04 8.24 NO 70.22 39.82 68.12 30.4 148.53 145.38 SL 57.04 0.35 49.2 56.69 103.05 52.17 SL 47.9 13.62 36 34.29 117.45 -4.25 NO 46.86 15.35 38 31.5 116.25 1.66 DH 69.4 18.9 75.97 50.5 103.58 -0.44 NO 67.41 17.44 60.14 49.97 111.12 33.16 SL 65.54 24.16 45.78 41.38 136.44 16.38 SL 58.78 7.67 53.34 51.12 98.5 51.58 SL 80.11 33.94 85.1 46.17 125.59 100.29 SL 59.79 17.88 59.21 41.91 119.32 22.12 SL 57.29 15.15 64 42.14 116.74 30.34 SL 69.56 15.4 74.44 54.16 105.07 29.7 SL 65.67 10.54 56.49 55.12 109.16 53.93 SL 72.34 16.42 59.87 55.92 70.08 12.07 SL 81.06 20.8 91.78 60.26 125.43 38.18 SL 85.64 42.69 78.75 42.95 105.14 42.89 SL 90.51 28.27 69.81 62.24 100.89 58.82 SL 63.83 20.36 54.55 43.47 112.31 -0.62 DH 40.68 9.15 31.02 31.53 139.12 -2.51 NO 67.51 33.28 96.28 34.24 145.6 88.3 SL 65.76 9.83 50.82 55.92 104.39 39.31 SL 66.88 24.89 49.28 41.99 113.48 -2.01 DH 74.85 13.91 62.69 60.95 115.21 33.17 SL 86.47 40.3 61.14 46.17 97.4 55.75 SL 76.31 41.93 93.28 34.38 132.27 101.22 SL 63.4 14.12 48.14 49.29 111.92 31.78 SL 75.65 19.34 64.15 56.31 95.9 69.55 SL 54.12 26.65 35.33 27.47 121.45 1.57 DH 74.01 21.12 57.38 52.88 120.21 74.56 SL 56.54 14.38 44.99 42.16 101.72 25.77 SL 65.01 9.84 57.74 55.18 94.74 49.7 SL 82.91 29.89 58.25 53.01 110.71 6.08 NO 30.15 11.92 34 18.23 112.68 11.46 DH 38.13 6.56 50.45 31.57 132.11 6.34 NO 37.9 4.48 24.71 33.42 157.85 33.61 SL 89.01 26.08 69.02 62.94 111.48 6.06 NO

46.37 10.22 42.7 36.16 121.25 -0.54 NO 46.64 15.85 40 30.78 119.38 9.06 NO 75.44 31.54 89.6 43.9 106.83 54.97 SL 53.94 20.72 29.22 33.22 114.37 -0.42 NO 74.09 18.82 76.03 55.27 128.41 73.39 SL 77.41 29.4 63.23 48.01 118.45 93.56 SL 60.63 20.6 64.54 40.03 117.23 104.86 SL 36.69 5.01 41.95 31.68 84.24 0.66 DH 72.08 18.95 51 53.13 114.21 1.01 SL 67.29 16.72 51 50.57 137.59 4.96 NO 37.73 9.39 42 28.35 135.74 13.68 NO 41.19 5.79 42.87 35.39 103.35 27.66 SL 38.51 16.96 35.11 21.54 127.63 7.99 NO 34.65 7.51 43 27.14 123.99 -4.08 NO 40.41 -1.33 30.98 41.74 119.34 -6.17 NO 72.22 23.08 91 49.14 137.74 56.8 SL 63.07 24.41 54 38.66 106.42 15.78 DH 48.33 22.23 36.18 26.1 117.38 6.48 DH 69.3 24.65 44.31 44.64 101.87 11.21 DH 56.99 6.87 57.01 50.12 109.98 36.81 SL 56.61 16.8 42 39.81 127.29 24.02 SL 41.73 12.25 30.12 29.48 116.59 -1.24 DH 64.26 14.5 43.9 49.76 115.39 5.95 NO 85 29.61 83.35 55.39 126.91 71.32 SL 34.38 2.06 32.39 32.32 128.3 -3.37 NO 77.12 30.35 77.48 46.77 110.61 82.09 SL 39.36 7.01 37 32.35 117.82 1.9 NO 51.08 14.21 35.95 36.87 115.8 6.91 NO 70.25 10.34 76.37 59.91 119.24 32.67 SL 45.08 12.31 44.58 32.77 147.89 -8.94 NO 43.79 13.53 42.69 30.26 125 13.29 DH 49.71 13.04 31.33 36.67 108.65 -7.83 DH 72.64 18.93 68 53.71 116.96 25.38 SL 55.29 20.44 34 34.85 115.88 3.56 DH 50.09 13.43 34.46 36.66 119.13 3.09 NO 50.91 6.68 30.9 44.24 118.15 -1.06 NO 96.66 19.46 90.21 77.2 120.67 64.08 SL 49.83 16.74 28 33.09 121.44 1.91 NO 50.75 20.24 37 30.52 122.34 2.29 NO 42.92 -5.85 58 48.76 121.61 -3.36 NO 50.68 6.46 35 44.22 116.59 -0.21 NO 48.9 5.59 55.5 43.32 137.11 19.85 NO 61.45 22.69 46.17 38.75 125.67 -2.71 NO 41.35 16.58 30.71 24.78 113.27 -4.5 DH 68.72 49.43 68.06 19.29 125.02 54.69 SL 55.51 20.1 44 35.42 122.65 34.55 SL 49.78 6.47 53 43.32 110.86 25.34 SL 45.54 13.07 30.3 32.47 117.98 -4.99 DH 50.91 23.02 47 27.9 117.42 -2.53 DH

88.02 39.84 81.77 48.18 116.6 56.77 SL 58.6 -0.26 51.5 58.86 102.04 28.06 SL 65.76 13.21 44 52.55 129.39 -1.98 NO 51.31 8.88 57 42.44 126.47 -2.14 NO 80.82 19.24 61.64 61.58 89.47 44.17 SL 49 13.11 51.87 35.88 126.4 0.54 NO 79.25 23.94 40.8 55.3 98.62 36.71 SL 77.24 16.74 49.78 60.5 110.69 39.79 SL 54.74 12.1 41 42.65 117.64 40.38 SL 72.05 24.7 79.87 47.35 107.17 56.43 SL 50.21 29.76 36.1 20.45 128.29 5.74 DH 63.96 16.06 63.12 47.9 142.36 6.3 NO 63.9 13.71 62.12 50.19 114.13 41.42 SL 85.68 38.65 82.68 47.03 120.84 61.96 SL 45.7 10.66 42.58 35.04 130.18 -3.39 NO 44.53 9.43 52 35.1 134.71 29.11 SL 74.72 14.32 32.5 60.4 107.18 37.02 SL 76.15 21.94 82.96 54.21 123.93 10.43 SL 65.01 27.6 50.95 37.41 116.58 7.02 SL 63.03 22.55 39.61 40.48 98.67 -0.25 DH 43.72 9.81 52 33.91 88.43 40.88 SL 83.88 23.08 87.14 60.8 124.65 80.56 SL 47.74 12.09 39 35.66 117.51 21.68 SL 43.12 13.82 40.35 29.3 128.52 0.97 NO 69.63 21.12 52.77 48.5 116.8 54.82 SL 48.06 5.69 57.06 42.37 95.44 32.84 SL 53.57 20.46 33.1 33.11 110.97 7.04 DH 83.93 41.29 62 42.65 115.01 26.59 SL 37.14 16.48 24 20.66 125.01 7.37 NO 43.92 14.18 37.83 29.74 134.46 6.45 DH 35.49 11.7 15.59 23.79 106.94 -3.46 DH 46.43 6.62 48.1 39.81 130.35 2.45 NO 61.82 13.6 64 48.22 121.78 1.3 NO 48.26 16.42 36.33 31.84 94.88 28.34 SL 78.4 14.04 79.69 64.36 104.73 12.39 SL 85.58 30.46 78.23 55.12 114.87 68.38 SL 40.25 13.92 25.12 26.33 130.33 2.23 DH 57.15 16.49 42.84 40.66 113.81 5.02 NO 46.39 11.08 32.14 35.31 98.77 6.39 DH 69 13.29 55.57 55.71 126.61 10.83 NO 72.96 19.58 61.01 53.38 111.23 0.81 NO 63.93 19.97 40.18 43.96 113.07 -11.06 NO 66.29 26.33 47.5 39.96 121.22 -0.8 DH 42.02 -6.55 67.9 48.58 111.59 27.34 SL 50.83 9.06 56.3 41.76 79 23.04 SL 56.03 16.3 62.28 39.73 114.02 -2.33 DH 54.6 21.49 29.36 33.11 118.34 -1.47 NO 33.04 -0.32 19.07 33.37 120.39 9.35 NO 67.26 7.19 51.7 60.07 97.8 42.14 SL

45.44 9.91 45 35.54 163.07 20.32 SL 65.61 23.14 62.58 42.47 124.13 -4.08 NO 58.83 37.58 125.74 21.25 135.63 117.31 SL 61.54 19.68 52.89 41.86 118.69 4.82 NO 31.48 7.83 24.28 23.66 113.83 4.39 DH 39.06 10.06 25.02 29 114.41 4.56 DH 42.52 14.38 25.32 28.14 128.91 0.76 NO 79.48 26.73 70.65 52.74 118.59 61.7 SL 44.36 8.95 46.9 35.42 129.22 4.99 NO 74.38 32.05 78.77 42.32 143.56 56.13 SL 83.4 34.31 78.42 49.09 110.47 49.67 SL 47.32 8.57 35.56 38.75 120.58 1.63 NO 67.8 16.55 43.26 51.25 119.69 4.87 NO 35.88 1.11 43.46 34.77 126.92 -1.63 NO 68.83 22.22 50.09 46.61 105.99 -3.53 DH 84.59 30.36 65.48 54.22 108.01 25.12 SL 51.33 13.63 33.26 37.69 131.31 1.79 NO 85.29 18.28 100.74 67.01 110.66 58.88 SL 81.75 20.12 70.56 61.63 119.43 55.51 SL 89.5 48.9 72 40.6 134.63 118.35 SL 53.91 12.94 39 40.97 118.19 5.07 NO 44.22 1.51 46.11 42.71 108.63 42.81 SL 85.35 15.84 71.67 69.51 124.42 76.02 SL 44.49 21.79 31.47 22.7 113.78 -0.28 NO 70.95 20.16 62.86 50.79 116.18 32.52 SL 56.1 13.11 62.64 43 116.23 31.17 NO 77.66 22.43 93.89 55.22 123.06 61.21 SL 50.16 -2.97 42 53.13 131.8 -8.29 NO 50.07 9.12 32.17 40.95 99.71 26.77 SL 80.65 26.34 60.9 54.31 120.1 52.47 SL 54.95 5.87 53 49.09 126.97 -0.63 NO 40.56 17.98 34 22.58 121.05 -1.54 DH 95.38 24.82 95.16 70.56 89.31 57.66 SL 80.43 17 66.54 63.43 116.44 57.78 SL 118.14 38.45 50.84 79.7 81.02 74.04 SL 56.67 13.46 43.77 43.21 93.69 21.11 SL 44.94 17.44 27.78 27.49 117.98 5.57 DH 46.44 8.4 29.04 38.05 115.48 2.05 DH 91.47 24.51 84.62 66.96 117.31 52.62 SL 82.41 29.28 77.05 53.13 117.04 62.77 SL 47.66 13.28 36.68 34.38 98.25 6.27 DH 45.58 18.76 33.77 26.82 116.8 3.13 NO 48.03 3.97 58.34 44.06 125.35 35 SL 81.08 21.26 78.77 59.83 90.07 49.16 SL 88.62 29.09 47.56 59.53 121.76 51.81 SL 48.17 9.59 39.71 38.58 135.62 5.36 NO 71.19 23.9 43.7 47.29 119.86 27.28 SL 68.61 15.08 63.01 53.53 123.43 39.5 SL 42.52 16.54 42 25.97 120.63 7.88 NO

70.4 13.47 61.2 56.93 102.34 25.54 SL 115.92 37.52 76.8 78.41 104.7 81.2 SL 74.47 33.28 66.94 41.19 146.47 124.98 SL 54.14 11.94 43 42.21 122.21 0.15 NO 89.68 32.7 83.13 56.98 129.96 92.03 SL 51.53 13.52 35 38.01 126.72 13.93 NO 57.52 33.65 50.91 23.88 140.98 148.75 SL 86.04 38.75 47.87 47.29 122.09 61.99 SL 56.45 19.44 43.58 37 139.19 -1.86 NO 59.73 7.72 55.34 52 125.17 3.24 NO 43.58 16.51 47 27.07 109.27 8.99 DH 41.77 17.9 20.03 23.87 118.36 2.06 DH 71.24 5.27 86 65.97 110.7 38.26 SL 48.8 18.02 52 30.78 139.15 10.44 NO 53.94 9.31 43.1 44.64 124.4 25.08 SL 84.97 33.02 60.86 51.95 125.66 74.33 SL 54.92 18.97 51.6 35.95 125.85 2 NO 36.13 22.76 29 13.37 115.58 -3.24 DH 43.2 19.66 35 23.54 124.85 -2.92 DH 63.77 12.76 65.36 51.01 89.82 56 SL 41.17 17.32 33.47 23.85 116.38 -9.57 DH 74.98 14.92 53.73 60.05 105.65 1.59 NO 50.82 15.4 42.53 35.42 112.19 10.87 DH 67.54 14.66 58 52.88 123.63 25.97 NO 44.25 1.1 38 43.15 98.27 23.91 SL 38.66 12.99 40 25.68 124.91 2.7 DH 48.11 14.93 35.56 33.18 124.06 7.95 DH 95.48 46.55 59 48.93 96.68 77.28 SL 49.71 9.65 28.32 40.06 108.17 7.92 DH 26.15 10.76 14 15.39 125.2 -10.09 DH 61.41 25.38 39.1 36.03 103.4 21.84 SL 63.36 20.02 67.5 43.34 131 37.56 SL 71 37.52 84.54 33.49 125.16 67.77 SL 77.11 30.47 69.48 46.64 112.15 70.76 SL 52.2 17.21 78.09 34.99 136.97 54.94 SL 80.99 36.84 86.96 44.14 141.09 85.87 SL 64.81 15.17 58.84 49.64 111.68 21.41 SL 58.52 13.92 41.47 44.6 115.51 30.39 SL 45.37 10.76 29.04 34.61 117.27 -10.68 DH 55.08 -3.76 56 58.84 109.92 31.77 SL 44.55 21.93 26.79 22.62 111.07 2.65 DH 60.75 15.75 43.2 45 113.05 31.69 SL 67.03 13.28 66.15 53.75 100.72 33.99 SL 46.24 10.06 37 36.17 128.06 -5.1 NO 129.83 8.4 48.38 121.43 107.69 418.54 SL 77.69 21.38 64.43 56.31 114.82 26.93 SL 36.42 13.88 20.24 22.54 126.08 0.18 NO 89.83 22.64 90.56 67.2 100.5 3.04 NO 41.65 8.84 36.03 32.81 116.56 -6.05 NO

69.76 19.28 48.5 50.48 96.49 51.17 SL 53.68 13.45 41.58 40.24 113.91 2.74 NO 44.32 12.54 36.1 31.78 124.12 5.42 DH 54.92 21.06 42.2 33.86 125.21 2.43 DH 57.3 24.19 47 33.11 116.81 5.77 DH 69.78 13.78 58 56 118.93 17.91 SL 39.09 5.54 26.93 33.55 131.58 -0.76 NO 59.6 32 46.56 27.6 119.33 1.47 DH 52.86 9.41 46.99 43.45 123.09 1.86 NO 54.5 6.82 47 47.68 111.79 -4.41 NO 76.33 42.4 57.2 33.93 124.27 50.13 SL 74.57 15.72 58.62 58.84 105.42 0.6 NO 38.7 13.44 31 25.25 123.16 1.43 DH 74.43 41.56 27.7 32.88 107.95 5 DH 81.1 24.79 77.89 56.31 151.84 65.21 SL 73.64 9.71 63 63.92 98.73 26.98 SL 45.25 8.69 41.58 36.56 118.55 0.21 NO