

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year/Qtr	2009.75	2010	2010.25	2010.5	2010.75	2011	2011.25	2011.5	2011.75	2012	2012.25	2012.5	2012.75	2013	2013.25
Laser and Power sat development	50	300	300	300	300	300	300	300	300	300	300	300	300	300	300
Skylon development	0	10	20	40	80	160	200	250	300	350	400	500	500	700	700
Flights per day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flights per quarter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative flights	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multiplier tonnes to GEO per flight	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Cargo to GEO/quarter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Net cargo to GEO tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative tonnes to GEO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jigs and habitat tonnes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tonnes for power satellites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrapped Skylons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scrapped per quarter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fleet size @ 1.5flights/day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skylon production/quarter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skylon prod cost per quarter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lasers, 5 MW units	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mirror lift at 5 tonne each	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumulative lasers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laser & mirror cost at \$10/watt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Power sat size GW (30 days of cargo)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Power sats GW/qtr	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cumulative GW	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Propellant dedicated GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Laser dedicated GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Added this quarter	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net power GW power sats to sell	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Interest	0	-3	-8	-13	-19	-25	-33	-41	-50	-60	-71	-84	-97	-112	-129
P/L for quarter	-50	-313	-328	-353	-399	-485	-533	-591	-650	-710	-771	-884	-897	-1112	-1129
Cumulative PL (low point = peak financing)	-50	-363	-691	-1,044	-1,442	-1,927	-2,460	-3,051	-3,701	-4,412	-5,183	-6,067	-6,964	-8,076	-9,205

	16	17	18	19	20	21	22	23	24.0	25	26	27	28	29	30
Year/Qtr	2013.5	2013.75	2014	2014.25	2014.5	2014.75	2015	2015.25	2015.5	2015.75	2016	2016.25	2016.5	2016.75	2017
Laser and Power sat development	300	300	300	300	300	300									
Skylon development	900	1000	1250	1250	1250	1250	1500	1500	1500.0	1500	1500	1000	500	500	500
Flights per day	0	0	0	0	0	0	0	0	0	2	3	6	9	12	15
Flights per quarter	0	0	0	0	0	0	0	1	10	135	270	540	810	1080	1350
Cumulative flights	0	0	0	0	0	0	0	1	11	146	416	956	1766	2846	4196
Multiplier tonnes to GEO per flight	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.7	7.3	7.9	8.5	9.1	9.7
Cargo to GEO/quarter	0	0	0	0	0	0	0	6	61	908	1,976	4,272	6,890	9,827	13,086
Net cargo to GEO tonnes	0	0	0	0	0	0	0	1	11	658	1,726	4,022	6,640	9,577	12,836
Cumulative tonnes to GEO	0	0	0	0	0	0	0	1	12	670	2,396	6,418	13,058	22,635	35,471
Jigs and habitat tonnes	0	0	0	0	0	0	0	1	12	670	2,396	5,000	5,000	5,000	5,000
Tonnes for power satellites	0	0	0	0	0	0	0	0	0	0	0	1,418	6,640	9,577	12,836
Scrapped Skylons	0	0	0	0	0	0	0	0	0	1	2	5	6	7	8
Scrapped per quarter	0	0	0	0	0	0	0	0	0	1	1	3	1	1	1
Fleet size @ 1.5flights/day	0	0	0	0	0	0	0	0	0	1	2	4	6	8	10
Skylon production/quarter	0	0	0	0	0	0	0	0	0	1	2	3	5	3	3
Skylon prod cost per quarter	0	0	0	0	0	0	0	0	36	439	754	1508	2115	1398	943
Lasers, 5 MW units	0	0	0	0	0	0	0	1	10	50	50	50	50	50	50
Mirror lift at 5 tonne each	0	0	0	0	0	0	0	5	50	250	250	250	250	250	250
Cumulative lasers	0	0	0	0	0	0	0	1	11	61	111	161	211	261	311
Laser & mirror cost at \$10/watt	0	0	0	0	0	0	0	50	500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Power sats GW/qtr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	1.9	2.6
Cumulative GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	3.5	6.1
Propellant dedicated GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.1	1.6	2.2	2.7
Laser dedicated GW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.6	1.1	1.6	2.1	2.6	3.1
Added this quarter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.8	0.8	1.0	1.0	1.0	1.0
Net power GW power sats to sell	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
Interest	-147	-168	-192	-218	-245	-271	-298	-326	-358	-411	-487	-567	-643	-714	-769
P/L for quarter	-1347	-1468	-1742	-1768	-1795	-1821	-1798	-1876	-2393	-4851	-5240	-5008	-5115	-4398	-2943
Cumulative PL (low point = peak financing)	-10,552	-12,020	-13,762	-15,530	-17,324	-19,146	-20,944	-22,820	-25,213	-30,064	-35,304	-40,312	-45,427	-49,825	-52,767

	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Year/Qtr	2017.25	2017.5	2017.75	2018	2018.25	2018.5	2018.75	2019	2019.25	2019.5	2019.75	2020	2020.25	2020.5	2020.75
Laser and Power sat development															
Skylon development	500	500													
Flights per day	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60
Flights per quarter	1620	1890	2160	2430	2700	2970	3240	3510	3780	4050	4320	4590	4860	5130	5400
Cumulative flights	5816	7706	9866	12296	14996	17966	21206	24716	28496	32546	36866	41456	46316	51446	56846
Multiplier tonnes to GEO per flight	10.3	10.9	11.5	12.1	12.7	13.3	13.8	14.4	15.0	15.6	16.2	16.8	17.4	18.0	18.6
Cargo to GEO/quarter	16,665	20,564	24,785	29,326	34,187	39,369	44,872	50,695	56,839	63,304	70,089	77,195	84,622	92,369	100,437
Net cargo to GEO tonnes	16,415	20,314	24,535	29,076	33,937	39,119	44,622	50,445	56,589	63,054	69,839	76,945	84,372	92,119	100,187
Cumulative tonnes to GEO	51,886	72,200	96,735	125,810	159,747	198,867	243,489	293,934	350,523	413,577	483,417	560,362	644,734	736,852	837,039
Jigs and habitat tonnes	5,000	5,000	5,000	5,000	10,000	10,000	10,000	15,000	15,000	20,000	20,000	25,000	25,000	30,000	30,000
Tonnes for power satellites	16,415	20,314	24,535	29,076	28,937	39,119	44,622	45,445	56,589	58,054	69,839	71,945	84,372	87,119	100,187
Scrapped Skylons	12	15	20	25	30	36	42	49	57	65	74	83	93	103	114
Scrapped per quarter	3	4	4	5	5	6	6	7	8	8	9	9	10	10	11
Fleet size @ 1.5flights/day	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
Skylon production/quarter	3	5	6	6	7	7	8	8	9	10	10	11	11	12	12
Skylon prod cost per quarter	957	1530	1688	1845	2003	2161	2318	2476	2634	2792	2949	3107	3265	3422	3580
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	361	411	461	511	561	611	661	711	761	811	861	911	961	1011	1061
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	1	1	1	1	2	2	2	3	3	4	4	5	5	6	6
Power sats GW/qtr	3.3	4.1	4.9	5.8	5.8	7.8	8.9	9.1	11.3	11.6	14.0	14.4	16.9	17.4	20.0
Cumulative GW	9.4	13.4	18.3	24.2	29.9	37.8	46.7	55.8	67.1	78.7	92.7	107.1	123.9	141.4	161.4
Propellant dedicated GW	3.2	3.8	4.3	4.9	5.4	5.9	6.5	7.0	7.6	8.1	8.6	9.2	9.7	10.3	10.8
Laser dedicated GW	3.6	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6
Added this quarter	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Net power GW power sats to sell	2.0	3.0	3.0	4.0	4.0	6.0	7.0	8.0	10.0	10.0	12.0	13.0	15.0	16.0	18.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	2000	3000	3000	4000	4000	6000	7000	8000	10000	10000	12000	13000	15000	16000	18000
Interest	-806	-832	-853	-864	-871	-864	-838	-799	-740	-668	-583	-479	-354	-209	-44
P/L for quarter	-1957	-1530	-1188	-345	-503	1339	2182	3024	4866	4708	6551	7393	9235	10078	11920
Cumulative PL (low point = peak financing)	-54,724	-56,254	-57,442	-57,787	-58,291	-56,951	-54,770	-51,746	-46,880	-42,171	-35,621	-28,227	-18,992	-8,914	3,006

	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Year/Qtr	2021	2021.25	2021.5	2021.75	2022	2022.25	2022.5	2022.75	2023	2023.25	2023.5	2023.75	2024	2024.25	2024.5
Laser and Power sat development															
Skylon development															
Flights per day	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105
Flights per quarter	5670	5940	6210	6480	6750	7020	7290	7560	7830	8100	8370	8640	8910	9177	9453
Cumulative flights	62516	68456	74666	81146	87896	94916	102206	109766	117596	125696	134066	142706	151616	160793.3	170245.92
Multiplier tonnes to GEO per flight	19.2	19.8	20.4	21.0	21.6	22.2	22.8	23.3	23.9	24.5	25.1	25.7	26.3	26.9	27.5
Cargo to GEO/quarter	108,825	117,534	126,564	135,914	145,585	155,576	165,889	176,521	187,475	198,749	210,343	222,259	234,494	246,978	260,000
Net cargo to GEO tonnes	108,575	117,284	126,314	135,664	145,335	155,326	165,639	176,271	187,225	198,499	210,093	222,009	234,244	246,728	259,750
Cumulative tonnes to GEO	945,614	1,062,898	1,189,212	1,324,876	1,470,211	1,625,537	1,791,175	1,967,447	2,154,671	2,353,170	2,563,263	2,785,272	3,019,517	3,266,245	3,525,995
Jigs and habitat tonnes	35,000	35,000	40,000	45,000	45,000	50,000	55,000	55,000	60,000	65,000	70,000	70,000	75,000	80,000	85,000
Tonnes for power satellites	103,575	117,284	121,314	130,664	145,335	150,326	160,639	176,271	182,225	193,499	205,093	222,009	229,244	241,728	254,750
Scrapped Skylons	125	137	149	162	176	190	204	220	235	251	268	285	303	322	340
Scrapped per quarter	11	12	12	13	14	14	15	15	16	16	17	17	18	18	19
Fleet size @ 1.5flights/day	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70
Skylon production/quarter	13	13	14	14	15	16	16	17	17	18	18	19	19	20	20
Skylon prod cost per quarter	3738	3895	4053	4211	4368	4526	4684	4841	4999	5157	5314	5472	5630	5782	5955
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	1111	1161	1211	1261	1311	1361	1411	1461	1511	1561	1611	1661	1711	1761	1811
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	7	7	8	9	9	10	11	11	12	13	14	14	15	16	17
Power sats GW/qtr	20.7	23.5	24.3	26.1	29.1	30.1	32.1	35.3	36.4	38.7	41.0	44.4	45.8	48.3	51.0
Cumulative GW	182.1	205.6	229.8	256.0	285.0	315.1	347.2	382.5	418.9	457.6	498.7	543.1	588.9	637.2	688.2
Propellant dedicated GW	11.3	11.9	12.4	13.0	13.5	14.0	14.6	15.1	15.7	16.2	16.7	17.3	17.8	18.4	18.9
Laser dedicated GW	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.6	18.1
Added this quarter	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1
Net power GW power sats to sell	19.0	22.0	23.0	25.0	28.0	29.0	31.0	34.0	35.0	37.0	39.0	43.0	44.0	47.0	49.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	19000	22000	23000	25000	28000	29000	31000	34000	35000	37000	39000	43000	44000	47000	49000
Interest	70	177	297	427	575	737	908	1098	1301	1514	1741	1989	2255	2535	2832
P/L for quarter	12762	15605	16447	18289	21132	21974	23816	26659	27501	29343	31186	35028	35870	38718	40545
Cumulative PL (low point = peak financing)	15,768	31,373	47,820	66,109	87,241	109,215	133,031	159,690	187,191	216,534	247,720	282,748	318,618	357,336	397,881

	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Year/Qtr	2024.75	2025	2025.25	2025.5	2025.75	2026	2026.25	2026.5	2026.75	2027	2027.25	2027.5	2027.75	2028	2028.25
Laser and Power sat development															
Skylon development															
Flights per day	108	111	115	118	122	125	129	133	137	141	145	150	154	159	164
Flights per quarter	9736	10028	10329	10639	10958	11287	11626	11974	12334	12704	13085	13477	13881	14298	14727
Cumulative flights	179982.12	190010.4	200339.53	210978.54	221936.71	233223.64	244849.16	256823.46	269156.98	281860.51	294945.15	308422.32	322303.81	336601.75	351328.62
Multiplier tonnes to GEO per flight	28.1	28.7	29.3	29.9	30.5	31.1	31.7	32.3	32.8	33.4	34.0	34.6	35.2	35.8	36.4
Cargo to GEO/quarter	273,581	287,743	302,508	317,900	333,944	350,663	368,086	386,238	405,149	424,846	445,360	466,723	488,967	512,125	536,233
Net cargo to GEO tonnes	273,331	287,493	302,258	317,650	333,694	350,413	367,836	385,988	404,899	424,596	445,110	466,473	488,717	511,875	535,983
Cumulative tonnes to GEO	3,799,326	4,086,819	4,389,077	4,706,727	5,040,421	5,390,834	5,758,670	6,144,659	6,549,557	6,974,153	7,419,263	7,885,736	8,374,453	8,886,328	9,422,311
Jigs and habitat tonnes	90,000	95,000	100,000	105,000	110,000	115,000	120,000	125,000	135,000	140,000	145,000	155,000	160,000	170,000	175,000
Tonnes for power satellites	268,331	282,493	297,258	312,650	328,694	345,413	362,836	380,988	394,899	419,596	440,110	456,473	483,717	501,875	530,983
Scrapped Skylons	360	380	401	422	444	466	490	514	538	564	590	617	645	673	703
Scrapped per quarter	19	20	21	21	22	23	23	24	25	25	26	27	28	29	29
Fleet size @ 1.5flights/day	72	74	77	79	81	84	86	89	91	94	97	100	103	106	109
Skylon production/quarter	21	22	22	23	24	24	25	26	27	27	28	29	30	31	32
Skylon prod cost per quarter	6134	6318	6507	6702	6904	7111	7324	7544	7770	8003	8243	8490	8745	9008	9278
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	1861	1911	1961	2011	2061	2111	2161	2211	2261	2311	2361	2411	2461	2511	2561
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	18	19	20	21	22	23	24	25	27	28	29	31	32	34	35
Power sats GW/qtr	53.7	56.5	59.5	62.5	65.7	69.1	72.6	76.2	79.0	83.9	88.0	91.3	96.7	100.4	106.2
Cumulative GW	741.9	798.4	857.8	920.3	986.1	1055.2	1127.7	1203.9	1282.9	1366.8	1454.9	1546.1	1642.9	1743.3	1849.5
Propellant dedicated GW	19.5	20.1	20.7	21.3	21.9	22.6	23.3	23.9	24.7	25.4	26.2	27.0	27.8	28.6	29.5
Laser dedicated GW	18.6	19.1	19.6	20.1	20.6	21.1	21.6	22.1	22.6	23.1	23.6	24.1	24.6	25.1	25.6
Added this quarter	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4
Net power GW power sats to sell	52.0	55.0	58.0	61.0	64.0	67.0	71.0	75.0	77.0	82.0	86.0	90.0	95.0	99.0	75.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	52000	55000	58000	61000	64000	67000	71000	75000	77000	82000	86000	90000	95000	99000	75000
Interest	3147	3483	3839	4217	4616	5036	5481	5954	6448	6966	7516	8095	8705	9347	9913
P/L for quarter	43366	46182	48993	51798	54596	57389	61176	64956	66730	71497	75257	79010	83755	87492	63222
Cumulative PL (low point = peak financing)	441,248	487,430	536,423	588,220	642,817	700,206	761,382	826,338	893,068	964,565	1,039,822	1,118,832	1,202,587	1,290,079	1,353,301

	76	77	78	79	80	81	82	83	84	85	86	87	88
Year/Qtr	2028.5	2028.75	2029	2029.25	2029.5	2029.75	2030	2030.25	2030.5	2030.75	2031	2031.25	2031.5
Laser and Power sat development													
Skylon development													
Flights per day	169	174	179	184	190	195	201	207	214	220	227	233	240
Flights per quarter	15169	15624	16092	16575	17072	17585	18112	18656	19215	19792	20385	20997	21627
Cumulative flights	366497.3	382121.04	398213.49	414788.71	431861.19	449445.85	467558.05	486213.61	505428.83	525220.52	545605.96	566602.95	588229.86
Multiplier tonnes to GEO per flight	37.0	37.6	38.2	38.8	39.4	40.0	40.6	41.2	41.8	42.3	42.9	43.5	44.1
Cargo to GEO/quarter	561,326	587,443	614,621	642,901	672,325	702,936	734,778	767,898	802,344	838,165	875,414	914,144	954,409
Net cargo to GEO tonnes	561,076	587,193	614,371	642,651	672,075	702,686	734,528	767,648	802,094	837,915	875,164	913,894	954,159
Cumulative tonnes to GEO	9,983,387	10,570,580	11,184,951	11,827,602	12,499,677	13,202,363	13,936,891	14,704,539	15,506,632	16,344,548	17,219,712	18,133,606	19,087,765
Jigs and habitat tonnes	185,000	195,000	200,000	210,000	220,000	230,000	240,000	255,000	265,000	275,000	290,000	300,000	315,000
Tonnes for power satellites	551,076	577,193	609,371	632,651	662,075	692,686	724,528	752,648	792,094	827,915	860,164	903,894	939,159
Scrapped Skylons	733	764	796	830	864	899	935	972	1011	1050	1091	1133	1176
Scrapped per quarter	30	31	32	33	34	35	36	37	38	40	41	42	43
Fleet size @ 1.5flights/day	112	116	119	123	126	130	134	138	142	147	151	156	160
Skylon production/quarter	33	34	35	36	37	38	39	40	41	43	44	45	47
Skylon prod cost per quarter	9556	9843	10138	10442	10755	11078	11410	11753	12105	12469	12843	13228	13625
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	2611	2661	2711	2761	2811	2861	2911	2961	3011	3061	3111	3161	3211
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	37	39	40	42	44	46	48	51	53	55	58	60	63
Power sats GW/qtr	110.2	115.4	121.9	126.5	132.4	138.5	144.9	150.5	158.4	165.6	172.0	180.8	187.8
Cumulative GW	1959.7	2075.1	2197.0	2323.5	2455.9	2594.5	2739.4	2889.9	3048.3	3213.9	3385.9	3566.7	3754.6
Propellant dedicated GW	30.3	31.2	32.2	33.2	34.1	35.2	36.2	37.3	38.4	39.6	40.8	42.0	43.3
Laser dedicated GW	26.1	26.6	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1
Added this quarter	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
Net power GW power sats to sell	78.0	82.0	89.0	93.0	98.0	103.0	108.0	113.0	119.0	125.0	131.0	138.0	144.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	78000	82000	89000	93000	98000	103000	108000	113000	119000	125000	131000	138000	144000
Interest	10397	10906	11453	12040	12658	13311	13999	14722	15484	16288	17134	18027	18965
P/L for quarter	65944	69657	76362	80058	84745	89422	94090	98747	104395	110031	115657	122272	127875
Cumulative PL (low point = peak financing)	1,419,245	1,488,902	1,565,264	1,645,322	1,730,067	1,819,488	1,913,578	2,012,325	2,116,720	2,226,751	2,342,409	2,464,681	2,592,556

	89	90	91	92	93	94	95	96	97	98	99	100
Year/Qtr	2031.75	2032	2032.25	2032.5	2032.75	2033	2033.25	2033.5	2033.75	2034	2034.25	2034.5
Laser and Power sat development												
Skylon development												
Flights per day	248	255	263	270	279	287	296	304	314	323	333	343
Flights per quarter	22276	22944	23632	24341	25072	25824	26598	27396	28218	29065	29937	30835
Cumulative flights	610505.58	633449.57	657081.87	681423.15	706494.66	732318.32	758916.69	786313.01	814531.22	843595.98	873532.68	904367.48
Multiplier tonnes to GEO per flight	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5	50.1	50.7	51.3
Cargo to GEO/quarter	996,267	1,039,778	1,085,004	1,132,006	1,180,853	1,231,611	1,284,352	1,339,149	1,396,078	1,455,218	1,516,649	1,580,457
Net cargo to GEO tonnes	996,017	1,039,528	1,084,754	1,131,756	1,180,603	1,231,361	1,284,102	1,338,899	1,395,828	1,454,968	1,516,399	1,580,207
Cumulative tonnes to GEO	20,083,782	21,123,311	22,208,064	23,339,821	24,520,423	25,751,784	27,035,887	28,374,786	29,770,614	31,225,582	32,741,981	34,322,188
Jigs and habitat tonnes	330,000	345,000	360,000	375,000	390,000	410,000	425,000	445,000	465,000	485,000	505,000	525,000
Tonnes for power satellites	981,017	1,024,528	1,069,754	1,116,756	1,165,603	1,211,361	1,269,102	1,318,899	1,375,828	1,434,968	1,496,399	1,560,207
Scrapped Skylons	1221	1267	1314	1363	1413	1465	1518	1573	1629	1687	1747	1809
Scrapped per quarter	45	46	47	49	50	52	53	55	56	58	60	62
Fleet size @ 1.5flights/day	165	170	175	180	186	191	197	203	209	215	222	228
Skylon production/quarter	48	50	51	53	54	56	57	59	61	63	65	67
Skylon prod cost per quarter	14033	14454	14888	15335	15795	16269	16757	17259	17777	18310	18860	19426
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	3261	3311	3361	3411	3461	3511	3561	3611	3661	3711	3761	3811
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	66	69	72	75	78	82	85	89	93	97	101	105
Power sats GW/qtr	196.2	204.9	214.0	223.4	233.1	242.3	253.8	263.8	275.2	287.0	299.3	312.0
Cumulative GW	3950.8	4155.7	4369.6	4593.0	4826.1	5068.4	5322.2	5586.0	5861.1	6148.1	6447.4	6759.4
Propellant dedicated GW	44.6	45.9	47.3	48.7	50.1	51.6	53.2	54.8	56.4	58.1	59.9	61.7
Laser dedicated GW	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1
Added this quarter	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3
Net power GW power sats to sell	151.0	159.0	166.0	174.0	182.0	190.0	200.0	208.0	218.0	228.0	239.0	250.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	151000	159000	166000	174000	182000	190000	200000	208000	218000	228000	239000	250000
Interest	19948	20985	22075	23218	24418	25674	26994	28377	29825	31343	32936	34608
P/L for quarter	134467	142046	148612	156165	163705	171231	180743	188241	197723	207190	217640	228074
Cumulative PL (low point = peak financing)	2,727,023	2,869,068	3,017,680	3,173,845	3,337,550	3,508,782	3,689,525	3,877,766	4,075,489	4,282,678	4,500,318	4,728,393

	101	102	103	104	105	106	107	108	109	110	111	112
Year/Qtr	2034.75	2035	2035.25	2035.5	2035.75	2036	2036.25	2036.5	2036.75	2037	2037.25	2037.5
Laser and Power sat development												
Skylon development												
Flights per day	353	363	374	386	397	409	421	434	447	460	474	488
Flights per quarter	31760	32713	33694	34705	35746	36818	37923	39061	40232	41439	42683	43963
Cumulative flights	936127.33	968839.96	1002533.98	1037238.82	1072984.81	1109803.17	1147726.09	1186786.69	1227019.11	1268458.5	1311141.08	1355104.13
Multiplier tonnes to GEO per flight	51.8	52.4	53.0	53.6	54.2	54.8	55.4	56.0	56.6	57.2	57.8	58.4
Cargo to GEO/quarter	1,646,728	1,715,553	1,787,025	1,861,242	1,938,304	2,018,314	2,101,380	2,187,613	2,277,130	2,370,048	2,466,493	2,566,590
Net cargo to GEO tonnes	1,646,478	1,715,303	1,786,775	1,860,992	1,938,054	2,018,064	2,101,130	2,187,363	2,276,880	2,369,798	2,466,243	2,566,340
Cumulative tonnes to GEO	35,968,666	37,683,969	39,470,745	41,331,737	43,269,791	45,287,855	47,388,984	49,576,348	51,853,228	54,223,026	56,689,269	59,255,609
Jigs and habitat tonnes	545,000	570,000	595,000	620,000	645,000	670,000	700,000	725,000	755,000	790,000	820,000	855,000
Tonnes for power satellites	1,626,478	1,690,303	1,761,775	1,835,992	1,913,054	1,993,064	2,071,130	2,162,363	2,246,880	2,334,798	2,436,243	2,531,340
Scrapped Skylons	1872	1938	2005	2074	2146	2220	2295	2374	2454	2537	2622	2710
Scrapped per quarter	64	65	67	69	71	74	76	78	80	83	85	88
Fleet size @ 1.5flights/day	235	242	250	257	265	273	281	289	298	307	316	326
Skylon production/quarter	69	71	73	75	77	79	82	84	87	89	92	95
Skylon prod cost per quarter	20008	20609	21227	21864	22520	23195	23891	24608	25346	26106	26890	27696
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	3861	3911	3961	4011	4061	4111	4161	4211	4261	4311	4361	4411
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	109	114	119	124	129	134	140	145	151	158	164	171
Power sats GW/qtr	325.3	338.1	352.4	367.2	382.6	398.6	414.2	432.5	449.4	467.0	487.2	506.3
Cumulative GW	7084.7	7422.8	7775.1	8142.3	8525.0	8923.6	9337.8	9770.3	10219.6	10686.6	11173.9	11680.1
Propellant dedicated GW	63.5	65.4	67.4	69.4	71.5	73.6	75.8	78.1	80.5	82.9	85.4	87.9
Laser dedicated GW	38.6	39.1	39.6	40.1	40.6	41.1	41.6	42.1	42.6	43.1	43.6	44.1
Added this quarter	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.8	2.8	2.9	3.0	3.1
Net power GW power sats to sell	261.0	272.0	284.0	297.0	311.0	324.0	338.0	354.0	368.0	384.0	401.0	418.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	261000	272000	284000	297000	311000	324000	338000	354000	368000	384000	401000	418000
Interest	36357	38185	40094	42093	44188	46379	48666	51060	53562	56170	58896	61744
P/L for quarter	238492	248891	260273	272636	285980	298305	311609	326892	340154	355394	371610	387804
Cumulative PL (low point = peak financing)	4,966,884	5,215,776	5,476,049	5,748,685	6,034,666	6,332,970	6,644,579	6,971,472	7,311,626	7,667,019	8,038,630	8,426,434



	113	114	115	116	117	118	119	120	121	122	123	124
Year/Qtr	2037.75	2038	2038.25	2038.5	2038.75	2039	2039.25	2039.5	2039.75	2040	2040.25	2040.5
Laser and Power sat development												
Skylon development												
Flights per day	503	518	534	550	566	583	601	619	637	656	676	696
Flights per quarter	45282	46640	48040	49481	50965	52494	54069	55691	57362	59083	60855	62681
Cumulative flights	1400386.08	1447026.48	1495066.09	1544546.9	1595512.12	1648006.31	1702075.31	1757766.39	1815128.21	1874210.87	1935066.02	1997746.82
Multiplier tonnes to GEO per flight	59.0	59.6	60.2	60.8	61.3	61.9	62.5	63.1	63.7	64.3	64.9	65.5
Cargo to GEO/quarter	2,670,474	2,778,281	2,890,153	3,006,237	3,126,685	3,251,654	3,381,307	3,515,813	3,655,346	3,800,086	3,950,222	4,105,945
Net cargo to GEO tonnes	2,670,224	2,778,031	2,889,903	3,005,987	3,126,435	3,251,404	3,381,057	3,515,563	3,655,096	3,799,836	3,949,972	4,105,695
Cumulative tonnes to GEO	61,925,834	64,703,865	67,593,768	70,599,755	73,726,190	76,977,594	80,358,651	83,874,213	87,529,309	91,329,145	95,279,117	99,384,812
Jigs and habitat tonnes	890,000	925,000	960,000	1,000,000	1,040,000	1,080,000	1,125,000	1,170,000	1,215,000	1,265,000	1,315,000	1,365,000
Tonnes for power satellites	2,635,224	2,743,031	2,854,903	2,965,987	3,086,435	3,211,404	3,336,057	3,470,563	3,610,096	3,749,836	3,899,972	4,055,695
Scrapped Skylons	2801	2894	2990	3089	3191	3296	3404	3516	3630	3748	3870	3995
Scrapped per quarter	91	93	96	99	102	105	108	111	115	118	122	125
Fleet size @ 1.5flights/day	335	345	356	367	378	389	401	413	425	438	451	464
Skylon production/quarter	98	101	104	107	110	113	117	120	124	127	131	135
Skylon prod cost per quarter	28527	29383	30264	31172	32108	33071	34063	35085	36137	37221	38338	39488
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	4461	4511	4561	4611	4661	4711	4761	4811	4861	4911	4961	5011
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	178	185	192	200	208	216	225	234	243	253	263	273
Power sats GW/qtr	527.0	548.6	571.0	593.2	617.3	642.3	667.2	694.1	722.0	750.0	780.0	811.1
Cumulative GW	12207.2	12755.8	13326.8	13920.0	14537.2	15179.5	15846.7	16540.8	17262.9	18012.8	18792.8	19604.0
Propellant dedicated GW	90.6	93.3	96.1	99.0	101.9	105.0	108.1	111.4	114.7	118.2	121.7	125.4
Laser dedicated GW	44.6	45.1	45.6	46.1	46.6	47.1	47.6	48.1	48.6	49.1	49.6	50.1
Added this quarter	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.8	3.9	4.0	4.2
Net power GW power sats to sell	436.0	455.0	474.0	494.0	515.0	537.0	559.0	582.0	607.0	631.0	658.0	685.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	436000	455000	474000	494000	515000	537000	559000	582000	607000	631000	658000	685000
Interest	64717	67822	71064	74444	77972	81654	85493	89494	93667	98016	102547	107273
P/L for quarter	404973	423117	441236	460328	480392	501429	522437	544415	568363	591279	617162	643012
Cumulative PL (low point = peak financing)	8,831,406	9,254,523	9,695,759	10,156,087	10,636,479	11,137,908	11,660,345	12,204,761	12,773,123	13,364,402	13,981,564	14,624,576

	125	126	127	128	129	130	131	132	133	134	135	136
Year/Qtr	2040.75	2041	2041.25	2041.5	2041.75	2042	2042.25	2042.5	2042.75	2043	2043.25	2043.5
Laser and Power sat development												
Skylon development												
Flights per day	717	739	761	784	807	832	857	882	909	936	964	993
Flights per quarter	64561	66498	68493	70548	72664	74844	77089	79402	81784	84238	86765	89368
Cumulative flights	2062308.04	2128806.1	2197299.11	2267846.9	2340511.13	2415355.28	2492444.76	2571846.92	2653631.15	2737868.91	2824633.79	2914001.63
Multiplier tonnes to GEO per flight	66.1	66.7	67.3	67.9	68.5	69.1	69.7	70.3	70.8	71.4	72.0	72.6
Cargo to GEO/quarter	4,267,457	4,434,964	4,608,680	4,788,828	4,975,638	5,169,345	5,370,198	5,578,449	5,794,361	6,018,208	6,250,271	6,490,842
Net cargo to GEO tonnes	4,267,207	4,434,714	4,608,430	4,788,578	4,975,388	5,169,095	5,369,948	5,578,199	5,794,111	6,017,958	6,250,021	6,490,592
Cumulative tonnes to GEO	103,652,019	108,086,732	112,695,162	117,483,741	122,459,128	127,628,223	132,998,171	138,576,370	144,370,481	150,388,439	156,638,461	163,129,052
Jigs and habitat tonnes	1,420,000	1,475,000	1,535,000	1,595,000	1,655,000	1,720,000	1,790,000	1,855,000	1,930,000	2,005,000	2,080,000	2,160,000
Tonnes for power satellites	4,212,207	4,379,714	4,548,430	4,728,578	4,915,388	5,104,095	5,299,948	5,513,199	5,719,111	5,942,958	6,175,021	6,410,592
Scrapped Skylons	4125	4258	4395	4536	4681	4831	4985	5144	5307	5476	5649	5828
Scrapped per quarter	129	133	137	141	145	150	154	159	164	168	174	179
Fleet size @ 1.5flights/day	478	493	507	523	538	554	571	588	606	624	643	662
Skylon production/quarter	139	143	148	152	157	161	166	171	176	182	187	193
Skylon prod cost per quarter	40673	41893	43150	44444	45778	47151	48566	50023	51523	53069	54661	56301
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	5061	5111	5161	5211	5261	5311	5361	5411	5461	5511	5561	5611
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	284	295	307	319	331	344	358	371	386	401	416	432
Power sats GW/qtr	842.4	875.9	909.7	945.7	983.1	1020.8	1060.0	1102.6	1143.8	1188.6	1235.0	1282.1
Cumulative GW	20446.4	21322.3	22232.0	23177.7	24160.8	25181.6	26241.6	27344.3	28488.1	29676.7	30911.7	32193.8
Propellant dedicated GW	129.1	133.0	137.0	141.1	145.3	149.7	154.2	158.8	163.6	168.5	173.5	178.7
Laser dedicated GW	50.6	51.1	51.6	52.1	52.6	53.1	53.6	54.1	54.6	55.1	55.6	56.1
Added this quarter	4.3	4.4	4.5	4.6	4.7	4.9	5.0	5.1	5.3	5.4	5.6	5.7
Net power GW power sats to sell	713.0	742.0	772.0	804.0	837.0	871.0	905.0	943.0	980.0	1020.0	1061.0	1103.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	713000	742000	772000	804000	837000	871000	905000	943000	980000	1020000	1061000	1103000
Interest	112196	117324	122664	128227	134023	140061	146343	152885	159697	166786	174167	181847
P/L for quarter	669827	697607	726350	757056	788722	821349	853934	890477	925977	964431	1003839	1044199
Cumulative PL (low point = peak financing)	15,294,403	15,992,010	16,718,360	17,475,415	18,264,138	19,085,487	19,939,421	20,829,899	21,755,875	22,720,307	23,724,146	24,768,345

	137	138	139	140	141	142	143	144	145	146	147	148
Year/Qtr	2043.75	2044	2044.25	2044.5	2044.75	2045	2045.25	2045.5	2045.75	2046	2046.25	2046.5
Laser and Power sat development												
Skylon development												
Flights per day	1023	1053	1085	1118	1151	1186	1221	1258	1296	1334	1375	1416
Flights per quarter	92049	94810	97655	100584	103602	106710	109911	113208	116605	120103	123706	127417
Cumulative flights	3006050.5	3100860.83	3198515.48	3299099.76	3402701.57	3509411.44	3619322.6	3732531.1	3849135.85	3969238.75	4092944.73	4220361.89
Multiplier tonnes to GEO per flight	73.2	73.8	74.4	75.0	75.6	76.2	76.8	77.4	78.0	78.6	79.2	79.8
Cargo to GEO/quarter	6,740,221	6,998,721	7,266,665	7,544,387	7,832,232	8,130,558	8,439,735	8,760,144	9,092,183	9,436,259	9,792,798	10,162,235
Net cargo to GEO tonnes	6,739,971	6,998,471	7,266,415	7,544,137	7,831,982	8,130,308	8,439,485	8,759,894	9,091,933	9,436,009	9,792,548	10,161,985
Cumulative tonnes to GEO	169,869,023	176,867,494	184,133,910	191,678,047	199,510,029	207,640,337	216,079,822	224,839,716	233,931,649	243,367,658	253,160,206	263,322,191
Jigs and habitat tonnes	2,245,000	2,330,000	2,420,000	2,510,000	2,610,000	2,710,000	2,810,000	2,920,000	3,030,000	3,145,000	3,260,000	3,385,000
Tonnes for power satellites	6,654,971	6,913,471	7,176,415	7,454,137	7,731,982	8,030,308	8,339,485	8,649,894	8,981,933	9,321,009	9,677,548	10,036,985
Scrapped Skylons	6012	6202	6397	6598	6805	7019	7239	7465	7698	7938	8186	8441
Scrapped per quarter	184	190	195	201	207	213	220	226	233	240	247	255
Fleet size @ 1.5flights/day	682	702	723	745	767	790	814	839	864	890	916	944
Skylon production/quarter	199	205	211	217	224	230	237	244	252	259	267	275
Skylon prod cost per quarter	57990	59729	61521	63367	65268	67226	69243	71320	73460	75664	77933	80271
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	5661	5711	5761	5811	5861	5911	5961	6011	6061	6111	6161	6211
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	449	466	484	502	522	542	562	584	606	629	652	677
Power sats GW/qtr	1331.0	1382.7	1435.3	1490.8	1546.4	1606.1	1667.9	1730.0	1796.4	1864.2	1935.5	2007.4
Cumulative GW	33524.8	34907.5	36342.8	37833.6	39380.0	40986.1	42654.0	44383.9	46180.3	48044.5	49980.0	51987.4
Propellant dedicated GW	184.1	189.6	195.3	201.2	207.2	213.4	219.8	226.4	233.2	240.2	247.4	254.8
Laser dedicated GW	56.6	57.1	57.6	58.1	58.6	59.1	59.6	60.1	60.6	61.1	61.6	62.1
Added this quarter	5.9	6.0	6.2	6.4	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9
Net power GW power sats to sell	1146.0	1193.0	1239.0	1289.0	1339.0	1392.0	1448.0	1503.0	1563.0	1623.0	1688.0	1752.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	1146000	1193000	1239000	1289000	1339000	1392000	1448000	1503000	1563000	1623000	1688000	1752000
Interest	189833	198144	206791	215784	225138	234863	244983	255503	266439	277809	289630	301918
P/L for quarter	1085510	1130771	1174979	1223133	1271232	1322274	1376257	1429180	1487040	1544836	1607567	1669229
Cumulative PL (low point = peak financing)	25,853,855	26,984,626	28,159,604	29,382,737	30,653,969	31,976,243	33,352,500	34,781,680	36,268,720	37,813,557	39,421,123	41,090,352

	149	150	151	152	153	154	155	156	157	158	159	160
Year/Qtr	2046.75	2047	2047.25	2047.5	2047.75	2048	2048.25	2048.5	2048.75	2049	2049.25	2049.5
Laser and Power sat development												
Skylon development												
Flights per day	1458	1502	1547	1593	1641	1690	1741	1793	1847	1903	1960	2019
Flights per quarter	131240	135177	139232	143409	147711	152143	156707	161408	166250	171238	176375	181666
Cumulative flights	4351601.57	4486778.44	4626010.61	4769419.75	4917131.16	5069273.92	5225980.95	5387389.2	5553639.7	5724877.71	5901252.86	6082919.27
Multiplier tonnes to GEO per flight	80.3	80.9	81.5	82.1	82.7	83.3	83.9	84.5	85.1	85.7	86.3	86.9
Cargo to GEO/quarter	10,545,026	10,941,638	11,352,556	11,778,282	12,219,334	12,676,249	13,149,581	13,639,905	14,147,813	14,673,920	15,218,861	15,783,291
Net cargo to GEO tonnes	10,544,776	10,941,388	11,352,306	11,778,032	12,219,084	12,675,999	13,149,331	13,639,655	14,147,563	14,673,670	15,218,611	15,783,041
Cumulative tonnes to GEO	273,866,967	284,808,355	296,160,662	307,938,694	320,157,778	332,833,777	345,983,109	359,622,763	373,770,327	388,443,997	403,662,608	419,445,649
Jigs and habitat tonnes	3,515,000	3,645,000	3,780,000	3,925,000	4,070,000	4,225,000	4,380,000	4,545,000	4,715,000	4,890,000	5,070,000	5,260,000
Tonnes for power satellites	10,414,776	10,811,388	11,217,306	11,633,032	12,074,084	12,520,999	12,994,331	13,474,655	13,977,563	14,498,670	15,038,611	15,593,041
Scrapped Skylons	8703	8974	9252	9539	9834	10139	10452	10775	11107	11450	11803	12166
Scrapped per quarter	262	270	278	287	295	304	313	323	333	342	353	363
Fleet size @ 1.5flights/day	972	1001	1031	1062	1094	1127	1161	1196	1231	1268	1306	1346
Skylon production/quarter	283	292	300	309	319	328	338	348	359	369	381	392
Skylon prod cost per quarter	82680	85160	87715	90346	93057	95848	98724	101685	104736	107878	111114	114448
Lasers, 5 MW units	50	50	50	50	50	50	50	50	50	50	50	50
Mirror lift at 5 tonne each	250	250	250	250	250	250	250	250	250	250	250	250
Cumulative lasers	6261	6311	6361	6411	6461	6511	6561	6611	6661	6711	6761	6811
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Power sat size GW (30 days of cargo)	703	729	756	785	814	845	876	909	943	978	1014	1052
Power sats GW/qtr	2083.0	2162.3	2243.5	2326.6	2414.8	2504.2	2598.9	2694.9	2795.5	2899.7	3007.7	3118.6
Cumulative GW	54070.4	56232.7	58476.1	60802.7	63217.6	65721.8	68320.6	71015.6	73811.1	76710.8	79718.5	82837.1
Propellant dedicated GW	262.5	270.4	278.5	286.8	295.4	304.3	313.4	322.8	332.5	342.5	352.8	363.3
Laser dedicated GW	62.6	63.1	63.6	64.1	64.6	65.1	65.6	66.1	66.6	67.1	67.6	68.1
Added this quarter	8.1	8.4	8.6	8.9	9.1	9.4	9.6	9.9	10.2	10.5	10.8	11.1
Net power GW power sats to sell	1820.0	1891.0	1964.0	2039.0	2119.0	2199.0	2285.0	2372.0	2463.0	2557.0	2654.0	2755.0
Power sat sales at \$1/watt net, \$1.5-2 B/GW	1820000	1891000	1964000	2039000	2119000	2199000	2285000	2372000	2463000	2557000	2654000	2755000
Interest	314683	327951	341741	356065	370951	386417	402483	419177	436515	454524	473225	492645
P/L for quarter	1734820	1803340	1873785	1946154	2023443	2100652	2183776	2267815	2355764	2446622	2540386	2638052
Cumulative PL (low point = peak financing)	42,825,172	44,628,512	46,502,298	48,448,451	50,471,895	52,572,547	54,756,323	57,024,137	59,379,901	61,826,523	64,366,909	67,004,961

	161	162	163	164	165	
Year/Qtr	2049.75	2050	2050.25	2050.5	2050.75	Year/Qtr
Laser and Power sat development						Laser and Power sat development
Skylon development						Skylon development
Flights per day	2079	2141	2206	2272	2340	Flights per day
Flights per quarter	187116	192730	198512	204467	210601	Flights per quarter
Cumulative flights	6270035.66	6462765.55	6661277.34	6865744.48	7076345.64	Cumulative flights
Multiplier tonnes to GEO per flight	87.5	88.1	88.7	89.3	89.8	Multiplier tonnes to GEO per flight
Cargo to GEO/quarter	16,367,890	16,973,360	17,600,427	18,249,842	18,922,382	Cargo to GEO/quarter
Net cargo to GEO tonnes	16,367,640	16,973,110	17,600,177	18,249,592	18,922,132	Net cargo to GEO tonnes
Cumulative tonnes to GEO	435,813,289	452,786,399	470,386,576	488,636,168	507,558,300	Cumulative tonnes to GEO
Jigs and habitat tonnes	5,455,000	5,655,000	5,865,000	6,080,000	6,305,000	Jigs and habitat tonnes
Tonnes for power satellites	16,172,640	16,773,110	17,390,177	18,034,592	18,697,132	Tonnes for power satellites
Scrapped Skylons	12540	12926	13323	13731	14153	Scrapped Skylons
Scrapped per quarter	374	385	397	409	421	Scrapped per quarter
Fleet size @ 1.5flights/day	1386	1428	1470	1515	1560	Fleet size @ 1.5flights/day
Skylon production/quarter	404	416	428	441	454	Skylon production/quarter
Skylon prod cost per quarter	117881	121418	125060	128812	132676	Skylon prod cost per quarter
Lasers, 5 MW units	50	50	50	50	50	Lasers, 5 MW units
Mirror lift at 5 tonne each	250	250	250	250	250	Mirror lift at 5 tonne each
Cumulative lasers	6861	6911	6961	7011	7061	Cumulative lasers MW @ 50 5MW/qtr (200/year
Laser & mirror cost at \$10/watt	2500	2500	2500	2500	2500	Laser & mirror cost at \$10/watt
Power sat size GW (30 days of cargo)	1091	1131	1173	1216	1261	Power sat size GW (30 days of cargo)
Power sats GW/qtr	3234.5	3354.6	3478.0	3606.9	3739.4	Power sats GW/qtr
Cumulative GW	86071.7	89426.3	92904.3	96511.2	100250.7	Cumulative GW
Propellant dedicated GW	374.2	385.5	397.0	408.9	421.2	Propellant dedicated GW
Laser dedicated GW	68.6	69.1	69.6	70.1	70.6	Laser dedicated GW
Added this quarter	11.4	11.7	12.1	12.4	12.8	Added this quarter
Net power GW power sats to sell	2860.0	2969.0	3081.0	3197.0	3318.0	Net power GW power sats to sell
Power sat sales at \$1/watt net, \$1.5-2 B/GW	2860000	2969000	3081000	3197000	3318000	Power sat sales at \$1/watt net, \$1.5-2 B/GW
Interest	512811	533753	555498	578070	601502	Interest
P/L for quarter	2739619	2845082	2953440	3065688	3182824	P/L for quarter
Cumulative PL (low point = peak financing)	69,744,580	72,589,662	75,543,102	78,608,790	81,791,613	Cumulative PL (low point = peak financing)