

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549



04037895

FORM SE

FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS
BY ELECTRONIC FILERS

GS Mortgage Securities Corp.
(Exact Name of Registrant as Specified in Charter)

0000807641
(Registrant CIK Number)

Form 8-K for July 14, 2004
(Electronic Report, Schedule or Registration Statement
of Which the Documents Are a Part
(Give Period of Report))

333-100818
(SEC File Number, if Available)

PROCESSED

JUL 19 2004

THOMSON
FINANCIAL

N/A

(Name of Person Filing the Document (if Other Than the Registrant))

SIGNATURES

Filings Made by the Registrant. The registrant has duly caused this form to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on July __, 2004.

GS MORTGAGE SECURITIES CORP.

By: Howard Altarescu
Name: Howard Altarescu
Title: Vice President

Exhibit Index

<u>Exhibit</u>	<u>Page</u>
99.1 Computational Materials.....	4

IN ACCORDANCE WITH RULE 311 (h) OF REGULATION S-T, THESE
COMPUTATIONAL MATERIALS ARE BEING FILED IN PAPER.

COMPUTATIONAL MATERIALS

for

GS MORTGAGE SECURITIES CORP.

GSR Mortgage-Backed Certificates 2004-9, Series 2004-9

GSR0409 - Price/Yield - 1A1

To Call, Flat Rates

Balance	\$30,000,000.00	Delay	0
Coupon	1ML + 35	Dated	7/30/2004
Settle	7/30/2004	First Payment	8/25/2004

Price	5 CPR	10 CPR	15 CPR	20 CPR	25 CPR
	Disc Margin	Disc Margin	Disc Margin	Disc Margin	Disc Margin
99-16	40	42	45	49	52
99-18	39	41	44	47	50
99-20	39	40	43	45	48
99-22	38	40	41	43	46
99-24	37	39	40	42	44
99-26	37	38	39	40	41
99-28	36	37	38	38	39
99-30	36	36	36	37	37
100-00	35	35	35	35	35
100-02	34	34	34	33	33
100-04	34	33	32	32	31
100-06	33	32	31	30	29
100-08	33	31	30	28	26
100-10	32	30	29	27	24
100-12	31	30	27	25	22
100-14	31	29	26	23	20
100-16	30	28	25	22	18

WAL	12.15	7.60	5.25	3.90	3.04
Principal Window	Aug04 - Jun28	Aug04 - Dec21	Aug04 - Apr17	Aug04 - Apr14	Aug04 - Apr12

LIBOR_1MO	1.38
LIBOR_6MO	1.86
LIBOR_1YR	2.2713
CMT_1YR	2.05

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GSR0409 - Cashflows1A1 - 20CPR, to Call, Flat Rate

Period	Date	Principal	Interest	Cash Flow	Balance	Accrued Interest	Coupon	Effective Coupon
Year		30 000 000.00	2 024 122.85	30 024 122.85		2 024 122.85		
0	30-Jul-04	0	0	0	30 000 000.00	0	0	0
1	25-Aug-04	572 754.65	36 041.67	608 796.32	29 427 245.35	36 041.67	1.73	1.73
2	25-Sep-04	562 222.52	42 474.28	604 696.80	28 865 042.82	42 474.28	1.73	1.73
3	25-Oct-04	551 844.80	41 513.77	593 358.57	28 313 158.02	41 513.77	1.73	1.73
4	25-Nov-04	541 671.81	40 818.15	582 490.10	27 771 520.11	40 818.15	1.73	1.73
5	25-Dec-04	531 698.32	40 027.27	571 725.60	27 239 821.79	40 027.27	1.73	1.73
6	25-Jan-05	521 920.59	39 270.74	561 173.34	26 717 919.20	39 270.74	1.73	1.73
7	25-Feb-05	512 347.34	38 518.32	550 865.67	26 206 631.86	38 518.32	1.73	1.73
8	25-Mar-05	502 945.22	37 779.73	540 724.94	25 705 702.54	37 779.73	1.73	1.73
9	25-Apr-05	493 685.00	37 054.84	530 739.84	25 215 197.64	37 054.84	1.73	1.73
10	25-May-05	484 491.45	36 343.25	520 834.71	24 724 706.19	36 343.25	1.73	1.73
11	25-Jun-05	475 365.44	35 644.73	511 210.22	24 243 140.76	35 644.73	1.73	1.73
12	25-Jul-05	466 303.87	34 959.18	501 763.05	23 771 336.89	34 959.18	1.73	1.73
13	25-Aug-05	457 307.72	34 286.20	492 489.92	23 314 132.17	34 286.20	1.73	1.73
14	25-Sep-05	448 382.02	33 625.42	483 387.62	22 861 371.15	33 625.42	1.73	1.73
15	25-Oct-05	439 534.44	32 977.22	474 435.06	22 422 655.30	32 977.22	1.73	1.73
16	25-Nov-05	430 762.33	32 342.76	465 563.08	21 995 552.98	32 342.76	1.73	1.73
17	25-Dec-05	422 065.66	31 715.02	457 074.68	21 574 124.32	31 715.02	1.73	1.73
18	25-Jan-06	413 522.07	31 102.80	448 624.87	21 156 672.25	31 102.80	1.73	1.73
19	25-Feb-06	405 029.87	30 500.87	440 324.74	20 746 842.38	30 500.87	1.73	1.73
20	25-Mar-06	396 587.38	29 910.03	432 189.41	20 344 563.00	29 910.03	1.73	1.73
21	25-Apr-06	388 298.59	29 330.86	424 194.08	19 949 059.00	29 330.86	1.73	1.73
22	25-May-06	380 067.16	28 760.81	416 353.97	19 561 611.84	28 760.81	1.73	1.73
23	25-Jun-06	371 897.35	28 200.03	408 554.38	19 181 649.43	28 200.03	1.73	1.73
24	25-Jul-06	363 783.10	27 653.54	401 096.64	18 808 296.40	27 653.54	1.73	1.73
25	25-Aug-06	355 722.98	27 115.15	393 678.14	18 441 643.42	27 115.15	1.73	1.73
26	25-Sep-06	347 722.52	26 586.70	386 296.32	18 081 833.80	26 586.70	1.73	1.73
27	25-Oct-06	339 780.57	26 067.98	379 248.65	17 728 653.13	26 067.98	1.73	1.73
28	25-Nov-06	331 894.96	25 558.81	372 226.67	17 381 379.27	25 558.81	1.73	1.73
29	25-Dec-06	324 061.59	25 059.02	365 345.58	17 039 581.16	25 059.02	1.73	1.73
30	25-Jan-07	316 287.66	24 568.44	358 586.10	16 702 674.49	24 568.44	1.73	1.73
31	25-Feb-07	308 569.85	24 086.90	351 950.79	16 371 310.76	24 086.90	1.73	1.73
32	25-Mar-07	300 902.50	23 614.23	345 427.73	16 055 967.26	23 614.23	1.73	1.73
33	25-Apr-07	293 291.40	23 150.27	338 044.66	15 747 092.83	23 150.27	1.73	1.73
34	25-May-07	285 733.53	22 694.85	330 719.38	15 442 618.36	22 694.85	1.73	1.73
35	25-Jun-07	278 226.88	22 247.83	323 669.70	15 142 656.48	22 247.83	1.73	1.73
36	25-Jul-07	270 768.51	21 809.84	316 945.51	14 847 802.01	21 809.84	1.73	1.73
37	25-Aug-07	263 356.38	21 379.33	310 428.77	14 557 651.62	21 379.33	1.73	1.73
38	25-Sep-07	255 995.15	20 955.56	304 300.26	14 271 803.93	20 955.56	1.73	1.73
39	25-Oct-07	248 689.99	20 540.58	298 034.57	13 990 309.94	20 540.58	1.73	1.73
40	25-Nov-07	241 435.94	20 132.16	291 720.10	13 712 652.00	20 132.16	1.73	1.73
41	25-Dec-07	234 238.99	19 730.70	285 369.68	13 447 741.02	19 730.70	1.73	1.73
42	25-Jan-08	227 095.15	19 334.08	278 969.63	13 195 469.53	19 334.08	1.73	1.73
43	25-Feb-08	219 999.82	18 942.98	272 540.60	12 946 811.16	18 942.98	1.73	1.73
44	25-Mar-08	212 948.44	18 556.89	266 465.33	12 701 349.85	18 556.89	1.73	1.73
45	25-Apr-08	205 936.51	18 175.06	260 331.57	12 460 544.49	18 175.06	1.73	1.73
46	25-May-08	198 969.58	17 797.14	254 146.72	12 224 999.87	17 797.14	1.73	1.73
47	25-Jun-08	192 043.22	17 423.84	247 911.80	11 994 554.52	17 423.84	1.73	1.73
48	25-Jul-08	185 153.99	17 055.11	241 631.87	11 769 968.13	17 055.11	1.73	1.73
49	25-Aug-08	178 306.48	16 690.59	235 307.19	11 549 954.15	16 690.59	1.73	1.73
50	25-Sep-08	171 507.35	16 339.89	229 037.24	11 334 298.15	16 339.89	1.73	1.73
51	25-Oct-08	164 753.19	15 992.47	222 785.66	11 122 778.16	15 992.47	1.73	1.73
52	25-Nov-08	158 040.58	15 649.82	216 540.40	10 915 062.00	15 649.82	1.73	1.73
53	25-Dec-08	151 367.15	15 312.56	210 299.71	10 711 762.21	15 312.56	1.73	1.73
54	25-Jan-09	144 730.48	14 980.37	204 050.85	10 512 591.62	14 980.37	1.73	1.73
55	25-Feb-09	138 128.11	14 652.85	197 780.96	10 317 399.35	14 652.85	1.73	1.73
56	25-Mar-09	131 558.61	14 330.68	191 489.29	10 125 989.66	14 330.68	1.73	1.73
57	25-Apr-09	125 019.51	14 013.55	185 163.06	9 938 306.61	14 013.55	1.73	1.73
58	25-May-09	118 509.41	13 701.14	178 800.55	9 753 291.84	13 701.14	1.73	1.73
59	25-Jun-09	112 026.91	13 393.14	172 400.05	9 570 691.49	13 393.14	1.73	1.73
60	25-Jul-09	105 570.51	13 089.14	165 969.65	9 390 301.84	13 089.14	1.73	1.73
61	25-Aug-09	99 148.81	12 789.84	159 508.65	9 211 993.49	12 789.84	1.73	1.73
62	25-Sep-09	92 759.41	12 494.94	153 014.35	9 035 778.14	12 494.94	1.73	1.73
63	25-Oct-09	86 400.91	12 204.14	146 485.05	8 861 493.09	12 204.14	1.73	1.73
64	25-Nov-09	80 081.91	11 917.14	140 009.05	8 689 084.04	11 917.14	1.73	1.73
65	25-Dec-09	73 792.01	11 633.64	133 485.65	8 518 498.39	11 633.64	1.73	1.73
66	25-Jan-10	67 531.81	11 353.34	126 915.15	8 349 683.24	11 353.34	1.73	1.73
67	25-Feb-10	61 300.01	11 076.84	120 296.85	8 182 486.39	11 076.84	1.73	1.73
68	25-Mar-10	55 096.21	10 803.84	113 620.05	8 016 866.34	10 803.84	1.73	1.73
69	25-Apr-10	48 918.01	10 534.94	106 892.95	7 852 773.39	10 534.94	1.73	1.73
70	25-May-10	42 763.81	10 269.84	100 103.65	7 690 109.54	10 269.84	1.73	1.73
71	25-Jun-10	36 633.21	10 009.44	93 242.65	7 528 866.89	10 009.44	1.73	1.73
72	25-Jul-10	30 525.81	9 753.34	86 309.15	7 369 057.74	9 753.34	1.73	1.73
73	25-Aug-10	24 439.21	9 501.24	79 290.45	7 210 667.34	9 501.24	1.73	1.73
74	25-Sep-10	18 363.01	9 252.84	72 195.85	7 053 771.49	9 252.84	1.73	1.73
75	25-Oct-10	12 295.81	9 008.04	65 023.85	6 898 247.64	9 008.04	1.73	1.73
76	25-Nov-10	6 237.21	8 767.44	56 784.65	6 744 163.04	8 767.44	1.73	1.73
77	25-Dec-10	10 124.78	8 529.84	60 654.62	6 591 508.40	8 529.84	1.73	1.73
78	25-Jan-11	12 759.05	8 295.94	64 054.99	6 440 453.41	8 295.94	1.73	1.73
79	25-Feb-11	15 324.05	8 067.44	67 391.49	6 291 861.92	8 067.44	1.73	1.73
80	25-Mar-11	17 818.45	7 843.14	70 661.59	6 145 222.78	7 843.14	1.73	1.73
81	25-Apr-11	20 240.85	7 623.84	73 864.69	6 000 458.94	7 623.84	1.73	1.73
82	25-May-11	22 593.65	7 408.14	76 991.79	5 857 567.19	7 408.14	1.73	1.73
83	25-Jun-11	24 865.45	7 196.54	79 061.99	5 716 502.65	7 196.54	1.73	1.73
84	25-Jul-11	27 056.85	6 988.64	81 045.49	5 577 257.11	6 988.64	1.73	1.73
85	25-Aug-11	29 167.45	6 784.14	82 951.59	5 440 305.61	6 784.14	1.73	1.73
86	25-Sep-11	31 187.85	6 582.04	84 769.89	5 305 636.11	6 582.04	1.73	1.73
87	25-Oct-11	33 117.65	6 382.14	86 499.79	5 173 263.61	6 382.14	1.73	1.73
88	25-Nov-11	34 956.45	6 183.24	88 139.69	5 043 124.11	6 183.24	1.73	1.73
89	25-Dec-11	36 693.65	5 986.14	89 689.79	4 915 137.61	5 986.14	1.73	1.73
90	25-Jan-12	38 329.85	5 791.64	91 151.49	4 789 296.11	5 791.64	1.73	1.73
91	25-Feb-12	39 865.65	5 598.54	92 524.19	4 665 501.61	5 598.54	1.73	1.73
92	25-Mar-12	41 299.85	5 406.64	93 806.49	4 543 755.11	5 406.64	1.73	1.73
93	25-Apr-12	42 633.05	5 215.74	95 001.79	4 424 059.61	5 215.74	1.73	1.73
94	25-May-12	43 865.85	5 025.64	96 111.49	4 306 324.11	5 025.64	1.73	1.73
95	25-Jun-12	45 000.05	4 836.14	97 136.19	4 190 548.61	4 836.14	1.73	1.73
96	25-Jul-12	46 035.25	4 647.24	98 082.49	4 076 731.11	4 647.24	1.73	1.73
97	25-Aug-12	46 970.45	4 458.74	98 941.19	3 964 782.61	4 458.74	1.73	1.73
98	25-Sep-12	47 805.65	4 270.64	99 711.79	3 854 701.11	4 270.64	1.73	1.73
99	25-Oct-12	48 540.85	4 082.84	100 394.69	3 746 496.61	4 082.84	1.73	1.73
100	25-Nov-12	49 276.05	3 895.34	101 001.39	3 640 095.11	3 895.34	1.73	1.73
101	25-Dec-12	49 911.25	3 708.24	101 529.49	3 535 565.61	3 708.24	1.73	1.73
102	25-Jan-13	50 546.45	3 521.44	102 007.89	3 432 858.11	3 521.44	1.73	1.73
103	25-Feb-13	51 181.65	3 335.54	102 437.19	3 331 872.61	3 335.54	1.73	1.73
104	25-Mar-13	51 816.85	3 150.44	102 817.29	3 232 055.11	3 150.44	1.73	1.73
105	25-Apr-13	52 452.05	2 966.14	103 149.19	3 133 396.61			

GSR0409 - Price/Yield - COMBO2

Balance	\$44,132,000.00	Delay	24	WAC(6)	4.649863493	WAM(6)	357
Coupon	3.9355	Dated	7/1/2004	NET(6)	3.9355	WALA(6)	3
Settle	7/30/2004	First Payment	8/25/2004				

Price	5	10	15	20	25	30	
99-24+	3.964	3.960	3.956	3.951	3.947	3.925	Yield
99-24+	-20	25	75	101	126	179	Spread
99-23+	3.970	3.970	3.970	3.970	3.971	3.973	Yield
99-23+	-19	26	76	102	129	184	Spread
99-22+	3.976	3.979	3.984	3.989	3.995	4.021	Yield
99-22+	-19	27	78	104	131	189	Spread
99-21+	3.983	3.989	3.998	4.008	4.019	4.069	Yield
99-21+	-18	28	79	106	134	193	Spread
99-20+	3.989	3.999	4.013	4.027	4.043	4.116	Yield
99-20+	-18	29	80	108	136	198	Spread
99-19+	3.995	4.009	4.027	4.047	4.067	4.164	Yield
99-19+	-17	30	82	110	138	203	Spread
99-18+	4.001	4.018	4.041	4.066	4.091	4.212	Yield
99-18+	-16	31	83	112	141	208	Spread
99-17+	4.007	4.028	4.056	4.085	4.116	4.260	Yield
99-17+	-16	32	85	114	143	213	Spread
99-16+	4.013	4.038	4.070	4.104	4.140	4.308	Yield
99-16+	-15	33	86	116	146	217	Spread
99-15+	4.019	4.048	4.084	4.123	4.164	4.356	Yield
99-15+	-15	34	88	118	148	222	Spread
99-14+	4.025	4.058	4.099	4.142	4.188	4.404	Yield
99-14+	-14	35	89	120	150	227	Spread
WAL	5.85	3.50	2.34	1.73	1.36	0.68	
Mod Durm	5.114	3.197	2.184	1.636	1.294	0.653	
Mod Convexity	0.312	0.129	0.063	0.037	0.024	0.008	
Principal Window	Jun08 - May11	Aug06 - Sep09	Nov05 - Dec07	Jul05 - Feb07	May05 - Jul06	Dec04 - Jul05	
LIBOR_1MO	1.41	1.41	1.41	1.41	1.41	1.41	
LIBOR_6MO	1.88	1.88	1.88	1.88	1.88	1.88	
LIBOR_1YR	2.31	2.31	2.31	2.31	2.31	2.31	
CMT_1YR	2.05	2.05	2.05	2.05	2.05	2.05	
Prepay	5 CPB	10 CPB	15 CPB	20 CPB	25 CPB	45 CPB	
Optional Redemption	Call (N)	Call (N)	Call (N)	Call (N)	Call (N)	Call (N)	

EDSF Mat 0.5YR 1YR 1.25YR 1.5YR 1.75YR 2YR 3YR 4YR 5YR
Yld 1.990 2.402 2.603 2.792 2.960 3.048 3.527 3.888 4.165

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