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7/26/2004
6/26/2004

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

FORM SE

FORM FOR SUBMISSION OF PAPER FORMAT EXHIBITS
BY ELECTRONIC FILERS

PROCESSED

AUG 27 2004

THOMSON
FINANCIAL

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

0000807641
(Registrant CIK Number)

Form 8-K for August 26, 2004
(Electronic Report, Schedule or Registration Statement
of Which the Documents Are a Part
(Give Period of Report))

333-117485
(SEC File Number, if Available)

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 August 26, 2004.

GS MORTGAGE SECURITIES CORP.

By: 
Name: _____
Title: _____

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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.

Mortgage Pass-Through Certificates, Series 2004-10F

gsr 0410F Group 7 Summary

Balance	WAC	WAM	Age	WAL
\$56,000,000.00		6.68	116	56 2.56138

Settlement	27-Aug-2004	Prepay	400 PSA
1st Pay Date	25-Sep-2004		

Tranche Name	Balance	Coupon	Principal Window	Avg Life	Dated Date	Notes
A60	55,300,000.00		6 09/04 - 04/14	2.52826	01-Aug-04	FIX
SUB60	700,000.00		6 09/04 - 04/14	5.17816	01-Aug-04	FIX

Pay Rules

1. Pay A60 to zero

Disclaimer:

hypo6pt - Dec - A60

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	92	81	70	59	47
25-Aug-06	84	65	48	34	22
25-Aug-07	76	51	33	19	10
25-Aug-08	66	39	22	10	4
25-Aug-09	56	29	14	5	1
25-Aug-10	46	21	8	3 *	
25-Aug-11	34	14	5	1 *	
25-Aug-12	22	8	2 *		0
25-Aug-13	9	3	1 *		0
25-Aug-14	0	0	0	0	0

WAL 5.38459 3.63235 2.52826 1.81249 1.32901
Principal Wind Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Aug12

Prepay 0 PSA 200 PSA 400 PSA 600 PSA 800 PSA

Disclaimer:

Disclaimer:

hypo6pt - Dec - SUB60

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	92	92	92	92	92
25-Aug-06	84	84	84	84	84
25-Aug-07	76	76	76	76	76
25-Aug-08	66	66	66	66	66
25-Aug-09	56	56	56	56	56
25-Aug-10	46	44	42	40	38
25-Aug-11	34	31	28	25	22
25-Aug-12	22	19	16	12	9
25-Aug-13	9	7	5	4	2
25-Aug-14	0	0	0	0	0

WAL 5.38459 5.28049 5.17816 5.07687 4.97121

Principal Wind Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Apr14

Prepay 0 PSA 200 PSA 400 PSA 600 PSA 800 PSA

Disclaimer:

Disclaimer:

hypo6pt - Dec - COLLAT

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	92	81	70	59	48
25-Aug-06	84	65	49	35	23
25-Aug-07	76	51	33	20	11
25-Aug-08	66	40	22	11	5
25-Aug-09	56	30	14	6	2
25-Aug-10	46	21	9	3	1
25-Aug-11	34	14	5	2 *	
25-Aug-12	22	8	2	1 *	
25-Aug-13	9	3	1 *	*	
25-Aug-14	0	0	0	0	0

WAL 5.38459 3.65295 2.56138 1.8533 1.37454
Principal Wind Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Apr14 Sep04-Apr14

Prepay 0 PSA 200 PSA 400 PSA 600 PSA 800 PSA

Disclaimer:

Disclaimer:

GSR 0410F Group 9 Summary

Balance	WAC	WAM	Age	WAL
\$22,644,000.00	7.13	104	67	2.09

Settlement	27-Aug-2004	Prepay	500 PSA
1st Pay Date	25-Sep-2004		

Tranche Name	Balance	Coupon	Principal Window	Avg Life	Dated Date	Notes
9PO	2,797,875.00		0 09/04 - 04/13	2.059	01-Aug-04	FIX
9PT8	19,585,125.00		8 09/04 - 04/13	2.059	01-Aug-04	FIX
9SUB	261,000.00		7 09/04 - 04/13	4.678	01-Aug-04	FIX

Pay Rules

1. Pay 9PO and 9PT8 pro rata to zero

Disclaimer:

hypo15_8pt - Dec - 9PO

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	91	77	64	50	36
25-Aug-06	82	59	40	24	12
25-Aug-07	72	44	24	11	4
25-Aug-08	61	32	14	5	1
25-Aug-09	50	22	8	2	0
25-Aug-10	38	14	4	1	0
25-Aug-11	24	8	2 *		0
25-Aug-12	10	3	1 *		0
25-Aug-13	0	0	0	0	0

WAL 4.812 3.096 2.059 1.41 0.983

Principal Wind: Sep04-Apr13 Sep04-Apr13 Sep04-Apr13 Sep04-Apr13 Sep04-Jul09

Prepay 0 PSA 250 PSA 500 PSA 750 PSA 1000 PSA

Disclaimer:

Disclaimer:

hypo15_8pt - Dec - 9PT8

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	91	77	64	50	36
25-Aug-06	82	59	40	24	12
25-Aug-07	72	44	24	11	4
25-Aug-08	61	32	14	5	1
25-Aug-09	50	22	8	2	0
25-Aug-10	38	14	4	1	0
25-Aug-11	24	8	2 *		0
25-Aug-12	10	3	1 *		0
25-Aug-13	0	0	0	0	0

WAL 4.812 3.096 2.059 1.41 0.983

Principal Wind: Sep04-Apr13 Sep04-Apr13 Sep04-Apr13 Sep04-Apr13 Sep04-Jul09

Prepay 0 PSA 250 PSA 500 PSA 750 PSA 1000 PSA

Disclaimer:

Disclaimer:

hypo15_8pt - Dec - 9SUB

Date	1	2	3	4	5
27-Aug-04	100	100	100	100	100
25-Aug-05	91	91	91	91	91
25-Aug-06	82	82	82	82	82
25-Aug-07	72	72	72	72	72
25-Aug-08	61	61	61	61	61
25-Aug-09	50	50	50	50	44
25-Aug-10	38	36	34	31	13
25-Aug-11	24	22	19	16	3
25-Aug-12	10	8	6	5	1
25-Aug-13	0	0	0	0	0
WAL	4.812	4.746	4.678	4.607	4.207
Principal Wind	Sep04-Apr13	Sep04-Apr13	Sep04-Apr13	Sep04-Apr13	Sep04-Apr13
Prepay	0 PSA	250 PSA	500 PSA	750 PSA	1000 PSA

Disclaimer:

Disclaimer: