



## **F.T.A. UCI 8**

**SANTANDER DE TITULIZACION, S.G.F.T, S.A.**  
**GRAN VIA DE HORTALEZA 3**  
**28033 MADRID**  
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DENOMINACION DEL FONDO:

F.T.A. UCI 8

INFORMACIÓN

CORRESPONDIENTE AL:

TRIMESTRE/SEMESTRE:

19/12/2016 - 21/03/2017

AÑO:

2017

<b>Personas que asumen la responsabilidad de esta información y cargos que ocupan:</b>	<b>Firma:</b>
IGNACIO ORTEGA GAVARA - DIRECTOR GENERAL	

### I. DATOS GENERALES SOBRE EL FONDO

Fecha de Constitución del Fondo	24 junio 2002	Agencia de pago de Bonos	BANCO SANTANDER	
Fecha de Desembolso BT's	27 junio 2002	Negociación Mercado	AIAF	
Fecha Final Amortización	18 diciembre 2033	Agencias de calificación	MOODY'S ESPAÑA	
			STANDARD & POORS	
Sociedad Gestora	SANTANDER DE TITULIZACION, S.G.F.T, S.A.	Calificación	Inicial	Actual
Originador Derechos Crédito	UNION DE CREDITOS INMOBILIARIOS	SERIE A	Aaa/AAA	Aa2/AA+
		SERIE B	A2/A	A3/AA-

## II. VALORES EMITIDOS POR EL FONDO: BONOS DE TITULIZACION

SERIES PRELACIÓN CÓDIGO ISIN	Nº BONOS	NOMINAL EN CIRCULACIÓN			
			Inicial	Actual	%Act/In
SERIE A ES0338446000	5.802	Nominal Unitario	100.000,00	8.876,12	
		Nominal Total	580.200.000,00	51.499.248,23	8,88 %
SERIE B ES0338446018	198	Nominal Unitario	100.000,00	22.727,27	
		Nominal Total	19.800.000,00	4.499.999,46	22,73 %

AMORTIZACION E INTERESES BONOS					
Actual			Próximo		
Fecha Amortización Periodo Actual 21 marzo 2017			Fecha Próximo Cupón 19 junio 2017		
	Amortización de los Bonos	Intereses Brutos Bonos	Tipo de Interés	Importe Bruto Próximo Cupón	Importe Neto Próximo Cupón
SERIE A	326,61 €	0,00 €	0,0000 %	0,00 €	0,00 €
SERIE B	0,00 €	16,49 €	0,2710 %	15,40 €	12,47 €
Amortización devengada no pagada	0,00 €				
Amortización Calendario	NO				



### III. ACTIVOS ADQUIRIDOS POR EL FONDO: DERECHOS DE CRÉDITO

DERECHOS DE CRÉDITO	A LA EMISIÓN	SITUACIÓN ACTUAL
Número de Derechos de Crédito	12.464	2.257
Saldo Pendiente de Amortizar Derechos	600.030.262,96	55.999.224,38
Importes Unitarios Derechos Vivos	48.141,07	24.811,35
Tipos de Interés	5,36 %	1,42 %

TASAS DE AMORTIZACIÓN ANTICIPADA	SITUACIÓN ACTUAL
Tasa mensual actual anualizada:	7,38 %
Tasa últimos 12 meses anualizada:	4,57 %
Tasa anualizada desde Constitución del Fondo	11,61%

MOROSIDAD ACTUAL	Hasta 1 mes	De 1 a 6 meses	Mayor de 6 meses
Deuda Vencida(Principal+Intereses)	5.491,31	4.228,66	173.357,24
Deuda Pendiente de vencimiento	0,00	0,00	55.871.018,82
Deuda Total	5.491,31	4.228,66	56.044.376,06

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### INFORME TRIMESTRAL BONOS DE TITULIZACIÓN

21/03/2017

BONOS TITULIZACIÓN DE ACTIVOS. PRINCIPAL	
Saldo anterior	57.894.238,92 €
Amortizaciones	1.894.991,22 €
Saldo actual	55.999.247,70 €
% sobre saldo inicial	9,33%
Amortización devengada no pagada	0,00 €

BONOS DE TITULIZACIÓN DE ACTIVOS. INTERESES	
Intereses pagados Serie A	0,00 €
Intereses pagados Serie B	3.265,02 €
Intereses devengados no pagados	0,00 €

DATOS	
Fecha de determinación	13/03/2016
Fecha de Pago de Cupón Actual	21/03/2017
Fecha de Pago de Cupón Anterior	19/12/2016
Número de días	92
Tipo de referencia (%)	-0,329%
Próxima Fecha de Pago	19/06/2017

VIDA RESIDUAL (AÑOS)		
	INICIAL	21/03/2017
SERIE A	5,70	0,40
SERIE B	9,20	0,41

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### INFORME TRIMESTRAL DERECHOS DE CREDITO

21/03/2017

DERECHOS DE CRÉDITO. PRINCIPAL	
Saldo anterior	57.894.245,27 €
Amortizaciones	1.895.020,89 €
Saldo actual	55.999.224,38 €
Número de derechos de crédito	2.257
LTV	33,71%

DERECHOS DE CRÉDITO. INTERESES	
Intereses cobrados en el trimestre	198.925,31 €
Intereses devengados en el trimestre	284.316,70 €

DERECHOS DE CRÉDITO EN MOROSIDAD					
	HASTA 30 DÍAS	30 A 60 DÍAS	60 A 90 DÍAS	90 A 180 DÍAS	> DE 180 DÍAS
Principal	5.023,75 €	1.510,47 €	474,93 €	1.590,68 €	119.605,73 €
Intereses	467,56 €	251,96 €	107,41 €	293,21 €	53.751,51 €
Saldo de los derechos de crédito	801.919,02 €	120.931,64 €	31.483,15 €	66.567,24 €	1.259.537,90 €
Número de derechos de crédito	23	6	3	2	35
% sobre saldo de los derechos de crédito	1,43%	0,22%	0,06%	0,12%	2,25%

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**INFORME TRIMESTRAL DERECHOS DE CREDITO**

**21/03/2017**

<b>ADJUDICADOS</b>	
Saldo anterior	135.974,07 €
Diferencia	3.970,05 €
Saldo actual	139.944,12 €
Número derechos de crédito adjudicados	5

<b>PERDIDAS DE LA CARTERA</b>	
Saldo anterior	171.954,50 €
Diferencia	468,10 €
Saldo actual	172.422,60 €

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**ESTADO DE ORIGEN Y APLICACIÓN DE FONDOS Y CUENTA DE TESORERÍA**

21/03/2017

ORIGEN	2.102.652,60 €
<b>PRINCIPAL COBRADO</b>	
Amortización derechos de crédito	1.867.669,82 €
<b>INTERESES COBRADOS</b>	
Intereses de derechos de crédito	198.925,31 €
Intereses de reinversión	-5.206,42 €
<b>CONTENCIOSOS / JUDICIALES</b>	
<b>INGRESOS/GASTOS DE ADJUDICADOS</b>	41.263,89 €
<b>FONDO DE RESERVA</b>	
<b>OTROS</b>	0,00 €

APLICACIÓN	2.102.652,60 €
GASTOS ORDINARIOS	5.295,81 €
COMISION SGFT	14.760,00 €
INTERESES SERIE A	0,00 €
INTERESES SERIE B	3.265,02 €
AMORT SERIE A	1.894.991,22 €
AMORT SERIE B	0,00 €
INTS PTMO SUBORDINADO	2.572,24 €
INTERESES PTO. SUB. UCB	2.572,24 €
AMORT PTO SUBORDINADO	0,00 €
COMISION ADMINISTRACION	6.000,00 €
COMISIÓN VARIABLE	173.196,07 €

ESTADO CUENTA DE TESORERÍA	6.000.302,63 €
<b>FONDO DE RESERVA</b>	
Saldo anterior	6.000.302,63 €
Diferencia del período	0,00 €
Saldo actual	6.000.302,63 €
<b>RETENCIÓN A CUENTA DEL IRP'F</b>	0,00 €
<b>GASTOS EMISIÓN RETENIDOS</b>	0,00 €
<b>OTROS</b>	0,00 €



**MEJORA CREDITICIA Y PRÉSTAMO SUBORDINADO**  
**21/03/2017**

<b>MEJORA DE CRÉDITO</b>		
<b>CONCEPTOS</b>	<b>INICIAL</b>	<b>21/03/2017</b>
EMISIÓN SUBORDINADA	96,70 %	8,04%
FONDO DE RESERVA	11.100.000,00 € (1,85 %)	6.000.302,63 € 10,71%

<b>PRÉSTAMOS SUBORDINADOS</b>		
<b>CONCEPTOS</b>	<b>INICIAL</b>	<b>21/03/2017</b>
<b>PRESTAMO SUBORDINADO SANTANDER</b>		
Saldo vivo	6.625.000,00 €	3.001.489,47 €
Tipo de interés	4,590 %	0,32%
<b>PRESTAMO SUBORDINADO UCB</b>		
Saldo vivo	6.625.000,00 €	3.001.489,47 €
Tipo de interés	4,590 %	0,32%

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### INFORMACION RELATIVA A LOS TRIGGERS

#### TRIGGERS BONOS

1. SI 1.a) ES MAYOR QUE 1.b) NO SE AMORTIZA LA SERIE B:	
1.a) MOROSIDAD SUPERIOR A 90 DÍAS	N/A
1.b) 6,75% SALDO VIVO DERECHOS DE CREDITO	N/A

LA SERIE B NO PUEDE SEGUIR AMORTIZANDOSE HASTA LA ULTIMA FECHA DE PAGO, YA QUE SE ENCUENTRA EN MINIMO NIVEL EXIGIDO.

#### TRIGGERS FONDO DE RESERVA

1. SI 1.a) ES MAYOR QUE 1.b) NO SE AMORTIZA EL FONDO DE RESERVA:	
1.a) MOROSIDAD DE LAS DC'S SUPERIOR A 90 DÍAS	N/A
1.b) 2,85% SALDO VIVO DERECHOS DE CREDITO	N/A
2. SI 2.a) ES MENOR QUE 2.b) NO SE AMORTIZA EL FONDO DE RESERVA:	
2.a) TIPO DE INTERÉS MEDIO PONDERADO DE LOS DERECHOS DE CREDITO	N/A
2.b) TIPO DE INTERÉS MEDIO PONDERADO BONOS A Y B + 0,40%	N/A
3. SI 3.a) ES MAYOR QUE 3.b) NO SE AMORTIZA EL FONDO DE RESERVA:	
3.a) SALDO DE FALLIDOS	N/A
3.b) 0,025% SALDO INICIAL DC'S * N/A FECHAS DE PAGO	N/A

EL FONDO DE RESERVA PERMANECE FIJO POR LLEGAR A SU LÍMITE MÍNIMO

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### DEFINICIONES

**FECHA DE DETERMINACIÓN** Será la fecha en que la Sociedad Gestora, en nombre del Fondo, realizará los cálculos necesarios para distribuir los fondos disponibles existentes a dicha fecha, de acuerdo con el orden de prelación de pagos descrito en el Folleto Informativo. Todos los datos de los Activos Titulizados (Saldo Vivo DC's, tablas de morosidad, propiedades transitorias, datos estadísticos, etc.) están referidos a dicha fecha.

**WRITE OFF** Préstamos con cuotas pendientes con antigüedad igual o superior a 12 ó 18 meses (según Folleto Informativo).

**PÉRDIDAS DE LA CARTERA** Aquellos préstamos cuya deuda el Cedente considera que no va a recuperar (neto de recuperaciones).

**PÉRDIDAS BRUTAS DE LA CARTERA** Aquellos préstamos cuya deuda el Cedente considera que no va a recuperar, sin tener en cuenta los importes recobrados.

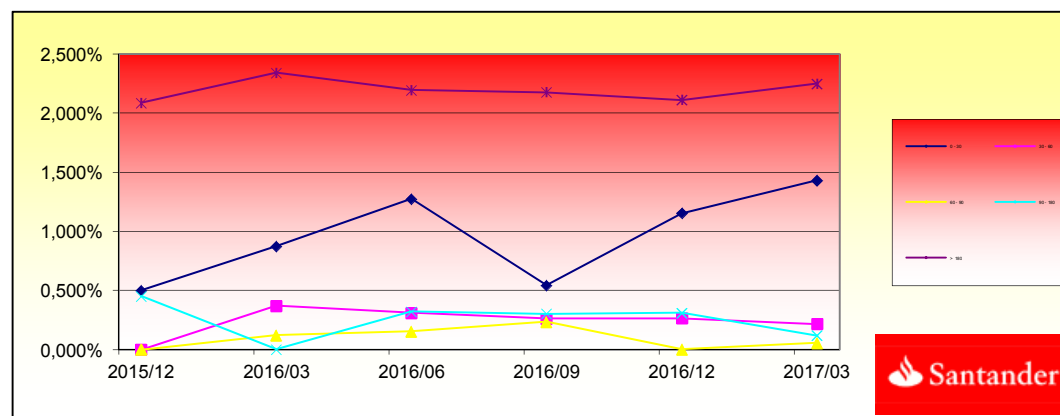
**ADJUDICADOS** Bienes en el activo del Fondo como consecuencia de un proceso judicial o extrajudicial.

**CONTENCIOSO / JUDICIAL** Préstamos sobre los que el Cedente va a iniciar acciones judiciales. Esta cantidad está incluida en el cuadro de morosidad.

**FONDO DE TITULIZACIÓN DE ACTIVOS  
UCI 8**

**INFORME HISTORICO DE MOROSIDAD *HISTORICAL ARREARS***

<b>DÍAS EN MORA ARREARS(DAYS)</b>	<b>2015/12</b>	<b>2016/03</b>	<b>2016/06</b>	<b>2016/09</b>	<b>2016/12</b>	<b>2017/03</b>
0 - 30	0,500%	0,875%	1,275%	0,544%	1,153%	1,432%
30 - 60	0,000%	0,371%	0,311%	0,261%	0,265%	0,216%
60 - 90	0,000%	0,120%	0,153%	0,235%	0,003%	0,056%
90 - 180	0,451%	0,001%	0,322%	0,302%	0,309%	0,119%
> 180	2,088%	2,342%	2,194%	2,177%	2,113%	2,249%



**FONDO DE TITULIZACIÓN DE ACTIVOS  
UCI 8**

L.T.V.

INTERVALO (%) (%)	SALDOS VIVOS OUTS. BALANC	% SALDOS VIVOS % OUTSTANDING	Nº. DE PRESTAMOS LOANS	% Nº DE PRESTAMOS % LOANS
<b>0,00 - 09,99</b>	778.145,75	1,4806%	103	6,4255%
<b>10,00 - 19,99</b>	4.075.071,32	7,7540%	225	14,0362%
<b>20,00 - 29,99</b>	7.186.009,33	13,6735%	231	14,4105%
<b>30,00 - 39,99</b>	12.767.823,07	24,2945%	347	21,6469%
<b>40,00 - 49,99</b>	24.653.412,93	46,9103%	631	39,3637%
<b>50,00 - 59,99</b>	2.503.617,01	4,7639%	54	3,3687%
<b>60,00 - 70,00</b>	485.143,51	0,9231%	10	0,6238%
<b>&gt; 70</b>	105.190,05	0,2002%	2	0,1248%

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**Contrapartes / Counterpart**

Contrato Agreement	Contraparte Counterpart	Rating actual C/P Current rating Short Time	Rating mínimo exigido C/P Minimum rating Short Term
Cuenta de Tesorería / Treasury account	Banco Santander S.A.	P- 2 A- 2	Moody's P-1 S & P A-1

**Comentarios/ Comment**

LA CONTRAPARTE NO TIENE EL RATING MÍNIMO EXIGIDO. SE HA TRASLADADO LA CUENTA DE TESORERÍA A UNA CONTRAPARTE CON EL RATING MÍNIMO EXIGIDO.

COUNTERPARTY DOES NOT HAVE THE MINIMUM RATING REQUIRED. TREASURY ACCOUNT HAS BEEN TRANSFERRED TO A COUNTERPARTY WITH MINIMUM RATING REQUIRED.

**FTA UCI 8**

FECHA	Balance antes de prepago	Balance real	1,02%	Permanencia a final de mes	Mortalidad mensual	Tasa Cte. Prepago	Mortalidad mensual	Tasa Cte. Prepago	Balance después de prepago	Disponibile para amortizacion	
			Vector de Prepago								
1	600.030.263,3		100,00%	100,00%					600.000.000,00		
2	jul-02	598.997.437,3	590.336.116,5	98,98%	98,55%	1,45%	16,04%	1,45%	16,04%	590.336.116,5	
3	ago-02	597.959.998,1	582.758.168,9	97,96%	97,46%	1,28%	14,32%	1,11%	12,56%	582.758.168,9	
4	sep-02	596.917.925,0	575.197.486,2	96,96%	96,36%	1,23%	13,78%	1,13%	12,70%	575.197.486,2	24.802.513,80
5	oct-02	595.871.197,3	566.689.574,6	95,97%	95,10%	1,25%	13,98%	1,31%	14,59%	566.689.574,6	
6	nov-02	594.819.794,2	560.350.472,3	94,99%	94,21%	1,19%	13,35%	0,94%	10,76%	560.350.472,3	
7	dic-02	593.763.694,9	550.626.284,9	94,02%	92,73%	1,25%	14,00%	1,56%	17,20%	550.626.284,9	24.571.201,31
8	ene-03	592.702.878,3	542.196.558,6	93,06%	91,48%	1,26%	14,16%	1,35%	15,10%	542.196.558,6	
9	feb-03	591.637.323,4	531.194.838,9	92,10%	89,78%	1,34%	14,93%	1,85%	20,10%	531.194.838,9	
10	mar-03	590.567.009,0	521.753.707,6	91,16%	88,35%	1,37%	15,23%	1,60%	17,59%	521.753.707,6	28.872.577,34
11	abr-03	589.491.913,9	510.015.634,9	90,23%	86,52%	1,44%	15,95%	2,07%	22,21%	510.015.634,9	
12	may-03	588.412.016,6	500.008.904,2	89,31%	84,98%	1,47%	16,27%	1,78%	19,41%	500.008.904,2	
13	jun-03	587.327.295,9	488.451.623,0	88,39%	83,17%	1,52%	16,83%	2,13%	22,78%	488.451.623,0	33.302.084,60
14	jul-03	586.238.815,9	476.702.710,4	87,49%	81,32%	1,58%	17,38%	2,22%	23,66%	476.702.710,4	
15	ago-03	585.145.474,1	463.533.357,0	86,59%	79,22%	1,65%	18,10%	2,58%	26,93%	463.533.357,0	
16	sep-03	584.047.248,6	450.873.995,7	85,71%	77,20%	1,71%	18,70%	2,55%	26,64%	450.873.995,7	37.577.627,30
17	oct-03	582.944.117,8	439.324.835,0	84,83%	75,36%	1,75%	19,11%	2,38%	25,08%	439.324.835,0	
18	nov-03	581.836.059,7	424.848.001,3	83,96%	73,02%	1,83%	19,91%	3,11%	31,56%	424.848.001,3	
19	dic-03	580.723.052,2	410.904.676,0	83,11%	70,76%	1,90%	20,59%	3,10%	31,44%	410.904.676,0	39.969.319,66
20	ene-04	579.606.665,5	399.638.040,0	82,26%	68,95%	1,94%	20,93%	2,55%	26,69%	399.638.040,0	
21	feb-04	578.485.292,3	390.516.469,2	81,41%	67,51%	1,95%	21,00%	2,09%	22,42%	390.516.469,2	
22	mar-04	577.358.910,4	378.755.165,1	80,58%	65,60%	1,99%	21,41%	2,82%	29,08%	378.755.165,1	32.149.510,89
23	abr-04	576.227.497,2	370.068.363,0	79,76%	64,22%	1,99%	21,46%	2,10%	22,50%	370.068.363,0	
24	may-04	575.091.030,4	360.022.327,4	78,94%	62,60%	2,02%	21,68%	2,52%	26,40%	360.022.327,4	
25	jun-04	573.949.487,4	348.072.410,1	78,13%	60,65%	2,06%	22,13%	3,13%	31,70%	348.072.410,1	30.682.755,01
26	jul-04	572.806.848,5	337.247.978,8	77,34%	58,88%	2,10%	22,45%	2,92%	29,90%	337.247.978,8	
27	ago-04	571.659.105,8	328.958.493,0	76,54%	57,54%	2,10%	22,51%	2,26%	24,01%	328.958.493,0	
28	sep-04	570.506.236,6	322.988.731,8	75,76%	56,61%	2,09%	22,34%	1,62%	17,76%	322.988.731,8	25.083.678,32
29	oct-04	569.348.217,8	316.160.050,7	74,99%	55,53%	2,08%	22,28%	1,92%	20,71%	316.160.050,7	
30	nov-04	568.185.026,6	308.983.044,7	74,22%	54,38%	2,08%	22,28%	2,07%	22,20%	308.983.044,7	
31	dic-04	567.016.639,8	301.373.878,5	73,46%	53,15%	2,08%	22,34%	2,26%	24,01%	301.373.878,5	21.614.853,23
32	ene-05	565.848.494,2	292.896.578,7	72,71%	51,76%	2,10%	22,50%	2,61%	27,21%	292.896.578,7	
33	feb-05	564.675.130,8	285.599.516,4	71,97%	50,58%	2,11%	22,56%	2,29%	24,26%	285.599.516,4	
34	mar-05	563.496.526,5	278.896.649,9	71,23%	49,49%	2,11%	22,57%	2,14%	22,89%	278.896.649,9	22.477.228,63

35	abr-05	562.312.657,7	272.426.583,8	70,50%	48,45%	2,11%	22,57%	2,11%	22,62%	272.426.583,8	
36	may-05	561.123.500,9	265.219.774,5	69,78%	47,27%	2,12%	22,66%	2,44%	25,65%	265.219.774,5	
37	jun-05	559.929.032,6	256.988.491,8	69,07%	45,90%	2,14%	22,86%	2,90%	29,73%	256.988.491,8	21.908.158,09
38	jul-05	558.732.170,6	249.725.804,7	68,36%	44,70%	2,15%	22,99%	2,62%	27,26%	249.725.804,7	
39	ago-05	557.529.962,5	243.550.019,5	67,66%	43,68%	2,16%	23,01%	2,26%	24,02%	243.550.019,5	
40	sep-05	556.322.384,6	239.169.550,9	66,97%	42,99%	2,14%	22,88%	1,59%	17,45%	239.169.550,9	17.818.940,96
41	oct-05	555.109.412,9	233.417.585,8	66,28%	42,05%	2,14%	22,89%	2,19%	23,35%	233.417.585,8	
42	nov-05	553.891.023,2	228.927.706,3	65,61%	41,33%	2,13%	22,79%	1,71%	18,67%	228.927.706,3	
43	dic-05	552.667.191,4	222.405.592,8	64,93%	40,24%	2,14%	22,90%	2,63%	27,41%	222.405.592,8	16.763.958,07
44	ene-06	551.441.648,7	217.129.792,2	64,27%	39,37%	2,14%	22,90%	2,16%	23,01%	217.129.792,2	
45	feb-06	550.210.631,9	211.145.985,9	63,61%	38,38%	2,15%	22,99%	2,54%	26,55%	211.145.985,9	
46	mar-06	548.974.116,6	206.090.152,6	62,96%	37,54%	2,15%	22,99%	2,17%	23,19%	206.090.152,6	16.315.440,24
47	abr-06	547.732.078,1	201.397.930,4	62,32%	36,77%	2,15%	22,97%	2,06%	22,06%	201.397.930,4	
48	may-06	546.484.491,9	196.469.202,0	61,68%	35,95%	2,15%	22,99%	2,22%	23,66%	196.469.202,0	
49	jun-06	545.231.333,1	192.092.021,9	61,05%	35,23%	2,15%	22,96%	2,00%	21,56%	192.092.021,9	13.998.130,65
50	jul-06	543.978.106,5	187.022.149,3	60,43%	34,38%	2,16%	23,01%	2,41%	25,42%	187.022.149,3	
51	ago-06	542.719.282,2	181.919.552,4	59,81%	33,52%	2,16%	23,07%	2,50%	26,22%	181.919.552,4	
52	sep-06	541.454.835,1	178.770.992,7	59,20%	33,02%	2,15%	22,95%	1,50%	16,60%	178.770.992,7	13.321.029,25
53	oct-06	540.184.740,1	175.824.139,0	58,59%	32,55%	2,14%	22,82%	1,42%	15,74%	175.824.139,0	
54	nov-06	538.908.972,0	172.183.018,5	57,99%	31,95%	2,13%	22,77%	1,84%	19,97%	172.183.018,5	
55	dic-06	537.627.505,6	169.047.071,9	57,40%	31,44%	2,12%	22,67%	1,59%	17,47%	169.047.071,9	9.723.920,73
56	ene-07	536.344.900,4	165.941.108,6	56,81%	30,94%	2,11%	22,58%	1,60%	17,62%	165.941.108,6	
57	feb-07	535.056.566,3	163.218.217,2	56,23%	30,50%	2,10%	22,46%	1,40%	15,61%	163.218.217,2	
58	mar-07	533.762.477,6	160.368.435,2	55,66%	30,04%	2,09%	22,37%	1,51%	16,67%	160.368.435,2	8.678.636,74
59	abr-07	532.462.608,6	157.408.315,4	55,09%	29,56%	2,08%	22,29%	1,61%	17,66%	157.408.315,4	
60	may-07	531.156.933,6	155.454.409,8	54,52%	29,27%	2,06%	22,11%	1,00%	11,35%	155.454.409,8	
61	jun-07	529.845.426,6	152.552.517,1	53,96%	28,79%	2,05%	22,04%	1,62%	17,84%	152.552.517,1	7.815.918,04
62	jul-07	528.537.148,2	149.957.401,2	53,41%	28,37%	2,04%	21,95%	1,46%	16,16%	149.957.401,2	
63	ago-07	527.223.026,2	147.121.419,0	52,87%	27,90%	2,04%	21,89%	1,65%	18,06%	147.121.419,0	
64	sep-07	525.903.034,4	144.806.768,0	52,33%	27,53%	2,03%	21,78%	1,33%	14,80%	144.806.768,0	7.745.749,13
65	oct-07	524.577.146,7	143.156.541,7	51,79%	27,29%	2,01%	21,61%	0,89%	10,17%	143.156.541,7	
66	nov-07	523.245.336,7	141.308.067,5	51,26%	27,01%	1,99%	21,47%	1,04%	11,79%	141.308.067,5	
67	dic-07	521.907.577,9	139.871.250,2	50,74%	26,80%	1,98%	21,29%	0,76%	8,78%	139.871.250,2	4.935.517,85
68	ene-08	520.570.925,8	138.107.435,9	50,22%	26,53%	1,96%	21,15%	1,01%	11,44%	138.107.435,9	
69	feb-08	519.228.303,4	136.354.598,6	49,70%	26,26%	1,95%	21,02%	1,01%	11,51%	136.354.598,6	
70	mar-08	517.879.683,9	134.610.502,9	49,20%	25,99%	1,93%	20,89%	1,02%	11,60%	134.610.502,9	5.260.747,29
71	abr-08	516.525.040,5	131.928.623,8	48,69%	25,54%	1,93%	20,86%	1,74%	18,95%	131.928.623,8	
72	may-08	515.164.346,5	129.941.379,3	48,19%	25,22%	1,92%	20,77%	1,25%	13,97%	129.941.379,3	
73	jun-08	513.797.574,6	128.108.043,7	47,70%	24,93%	1,91%	20,67%	1,15%	12,95%	128.108.043,7	6.502.459,15
74	jul-08	512.441.062,9	126.336.463,3	47,21%	24,65%	1,90%	20,56%	1,12%	12,66%	126.336.463,3	
75	ago-08	511.078.492,1	124.386.028,0	46,73%	24,34%	1,89%	20,48%	1,28%	14,34%	124.386.028,0	
76	sep-08	509.709.835,1	123.497.219,7	46,25%	24,23%	1,87%	20,29%	0,45%	5,25%	123.497.219,7	4.610.824,06
77	oct-08	508.335.064,8	122.090.503,1	45,78%	24,02%	1,86%	20,17%	0,87%	9,97%	122.090.503,1	
78	nov-08	506.954.153,9	120.959.003,46	45,31%	23,86%	1,84%	20,01%	0,66%	7,60%	120.959.003,5	
79	dic-08	505.567.074,9	120.020.681,9	44,85%	23,74%	1,83%	19,85%	0,50%	5,88%	120.020.681,9	3.476.537,74
80	ene-09	504.179.585,1	119.174.979,51	44,39%	23,64%	1,81%	19,68%	0,43%	5,06%	119.174.979,5	
81	feb-09	502.785.897,9	118.337.477,95	43,94%	23,54%	1,79%	19,51%	0,43%	5,01%	118.337.478,0	
82	mar-09	501.385.985,5	117.117.783,69	43,49%	23,36%	1,78%	19,38%	0,75%	8,69%	117.117.783,7	2.902.898,23



83	abr-09	499.979.820,1	116.344.637,4	43,04%	23,27%	1,76%	19,21%	0,38%	4,47%	116.344.637,4	
84	may-09	498.567.373,9	115.447.567,12	42,60%	23,16%	1,75%	19,06%	0,49%	5,72%	115.447.567,1	
85	jun-09	497.148.618,8	114.397.205,0	42,17%	23,01%	1,73%	18,93%	0,63%	7,27%	114.397.205,0	2.720.578,72
86	jul-09	495.734.113,1	113.437.726,2	41,73%	22,88%	1,72%	18,80%	0,56%	6,47%	113.437.726,2	
87	ago-09	494.313.289,4	112.491.499,2	41,31%	22,76%	1,71%	18,66%	0,55%	6,39%	112.491.499,2	
88	sep-09	492.886.119,2	111.589.570,6	40,88%	22,64%	1,69%	18,53%	0,51%	6,00%	111.589.570,6	2.807.634,34
89	oct-09	491.452.574,4	110.241.032,7	40,47%	22,43%	1,68%	18,44%	0,92%	10,50%	110.241.032,7	
90	nov-09	490.012.626,4	109.251.594,1	40,05%	22,30%	1,67%	18,32%	0,61%	7,04%	109.251.594,1	
91	dic-09	488.566.246,7	107.969.332,4	39,64%	22,10%	1,66%	18,23%	0,88%	10,08%	107.969.332,4	3.620.238,21
92	ene-10	487.130.753,2	107.090.540,9	39,24%	21,98%	1,65%	18,11%	0,52%	6,08%	107.090.540,9	
93	feb-10	485.688.847,8	106.439.175,4	38,84%	21,92%	1,64%	17,96%	0,31%	3,69%	106.439.175,4	
94	mar-10	484.240.501,9	105.564.060,9	38,44%	21,80%	1,62%	17,84%	0,53%	6,13%	105.564.060,9	2.405.271,51
95	abr-10	482.785.686,8	104.704.498,9	38,05%	21,69%	1,61%	17,73%	0,52%	6,01%	104.704.498,9	
96	may-10	481.324.373,4	103.268.583,1	37,66%	21,46%	1,61%	17,67%	1,07%	12,13%	103.268.583,1	
97	jun-10	479.856.532,9	102.653.007,5	37,27%	21,39%	1,59%	17,53%	0,29%	3,45%	102.653.007,5	2.911.053,38
98	jul-10	478.387.721,4	102.000.528,9	36,89%	21,32%	1,58%	17,40%	0,33%	3,90%	102.000.528,9	
99	ago-10	476.912.349,2	101.250.530,4	36,51%	21,23%	1,57%	17,28%	0,43%	5,02%	101.250.530,4	
100	sep-10	475.430.387,1	100.664.881,3	36,14%	21,17%	1,56%	17,15%	0,27%	3,17%	100.664.881,3	1.988.126,19
101	oct-10	473.941.805,4	99.998.260,2	35,77%	21,10%	1,54%	17,03%	0,35%	4,12%	99.998.260,2	
102	nov-10	472.446.574,8	99.322.325,4	35,40%	21,02%	1,53%	16,91%	0,36%	4,25%	99.322.325,4	
103	dic-10	470.944.665,5	98.374.778,0	35,04%	20,89%	1,52%	16,83%	0,64%	7,39%	98.374.778,0	2.290.103,36
104	ene-11	469.445.923,8	97.530.280,9	34,68%	20,78%	1,51%	16,73%	0,54%	6,31%	97.530.280,9	
105	feb-11	467.940.487,7	96.678.758,4	34,33%	20,66%	1,50%	16,64%	0,55%	6,45%	96.678.758,4	
106	mar-11	466.428.327,3	95.979.530,8	33,98%	20,58%	1,49%	16,53%	0,40%	4,71%	95.979.530,8	2.395.247,14
107	abr-11	464.909.412,6	95.198.873,2	33,63%	20,48%	1,48%	16,43%	0,49%	5,72%	95.198.873,2	
108	may-11	463.383.713,5	94.394.980,4	33,29%	20,37%	1,48%	16,34%	0,52%	6,04%	94.394.980,4	
109	jun-11	461.851.199,5	93.765.759,0	32,95%	20,30%	1,47%	16,24%	0,34%	3,97%	93.765.759,0	2.213.771,86
110	jul-11	460.332.686,6	93.018.081,9	32,61%	20,21%	1,46%	16,14%	0,47%	5,50%	93.018.081,9	
111	ago-11	458.807.391,1	92.448.046,9	32,28%	20,15%	1,45%	16,03%	0,28%	3,34%	92.448.046,9	
112	sep-11	457.275.282,6	91.883.635,4	31,95%	20,09%	1,44%	15,93%	0,28%	3,28%	91.883.635,4	1.882.123,61
113	oct-11	455.736.330,6	91.280.780,2	31,62%	20,03%	1,43%	15,83%	0,32%	3,78%	91.280.780,2	
114	nov-11	454.190.504,7	90.721.497,5	31,30%	19,97%	1,42%	15,72%	0,27%	3,24%	90.721.497,5	
115	dic-11	452.637.774,1	90.125.887,7	30,97%	19,91%	1,41%	15,62%	0,32%	3,72%	90.125.887,7	1.757.747,67
116	ene-12	451.091.398,0	89.499.892,8	30,66%	19,84%	1,40%	15,53%	0,35%	4,17%	89.499.892,8	
117	feb-12	449.538.114,7	89.001.861,1	30,34%	19,80%	1,39%	15,43%	0,21%	2,52%	89.001.861,1	
118	mar-12	447.977.893,5	88.378.985,7	30,03%	19,73%	1,38%	15,34%	0,35%	4,17%	88.378.985,7	1.746.902,02
119	abr-12	446.410.703,3	87.739.683,3	29,73%	19,65%	1,37%	15,25%	0,37%	4,41%	87.739.683,3	
120	may-12	444.836.512,9	87.225.906,3	29,42%	19,61%	1,36%	15,15%	0,23%	2,77%	87.225.906,3	
121	jun-12	443.255.291,2	86.620.130,1	29,12%	19,54%	1,35%	15,06%	0,34%	4,01%	86.620.130,1	1.758.855,61
122	jul-12	441.671.649,1	86.103.836,4	28,82%	19,49%	1,34%	14,97%	0,24%	2,84%	86.103.836,4	
123	ago-12	440.080.933,4	85.592.902,8	28,53%	19,45%	1,33%	14,88%	0,23%	2,77%	85.592.902,8	
124	sep-12	438.483.112,6	84.977.612,0	28,24%	19,38%	1,33%	14,79%	0,36%	4,20%	84.977.612,0	1.642.518,04
125	oct-12	436.878.154,8	84.455.185,9	27,95%	19,33%	1,32%	14,70%	0,25%	2,96%	84.455.185,9	
126	nov-12	435.266.028,2	84.040.900,0	27,66%	19,31%	1,31%	14,61%	0,12%	1,45%	84.040.900,0	
127	dic-12	433.646.700,7	83.520.678,0	27,38%	19,26%	1,30%	14,52%	0,25%	2,93%	83.520.678,0	1.456.934,00
128	ene-13	432.033.235,9	82.926.864,8	27,10%	19,19%	1,29%	14,44%	0,34%	4,01%	82.926.864,8	
129	feb-13	430.412.564,3	82.328.928,2	26,82%	19,13%	1,28%	14,36%	0,35%	4,09%	82.328.928,2	
130	mar-13	428.784.653,6	81.753.513,6	26,55%	19,07%	1,28%	14,29%	0,32%	3,80%	81.753.513,6	1.767.164,47

131	abr-13	427.149.471,7	81.251.065,3	26,28%	19,02%	1,27%	14,20%	0,23%	2,77%	81.251.065,3	
132	may-13	425.506.985,9	80.658.721,1	26,01%	18,96%	1,26%	14,13%	0,35%	4,07%	80.658.721,1	
133	jun-13	423.857.163,6	80.208.164,7	25,74%	18,92%	1,25%	14,04%	0,17%	2,04%	80.208.164,7	1.545.348,86
134	jul-13	422.220.975,4	79.600.389,6	25,48%	18,85%	1,25%	13,98%	0,37%	4,39%	79.600.389,6	
135	ago-13	420.577.478,9	79.010.610,0	25,22%	18,79%	1,24%	13,91%	0,35%	4,16%	79.010.610,0	
136	sep-13	418.926.641,5	78.530.798,4	24,96%	18,75%	1,23%	13,83%	0,22%	2,56%	78.530.798,4	1.677.366,27
137	oct-13	417.268.430,3	78.087.617,4	24,71%	18,71%	1,22%	13,75%	0,17%	2,01%	78.087.617,4	
138	nov-13	415.602.812,4	77.652.223,4	24,45%	18,68%	1,22%	13,66%	0,16%	1,89%	77.652.223,4	
139	dic-13	413.929.754,7	77.081.919,6	24,20%	18,62%	1,21%	13,60%	0,33%	3,93%	77.081.919,6	1.448.878,88
140	ene-14	412.257.215,2	76.402.626,4	23,95%	18,53%	1,21%	13,54%	0,48%	5,60%	76.402.626,4	
141	feb-14	410.577.204,9	75.894.331,3	23,71%	18,48%	1,20%	13,47%	0,26%	3,06%	75.894.331,3	
142	mar-14	408.889.690,6	75.340.231,7	23,47%	18,43%	1,19%	13,41%	0,32%	3,78%	75.340.231,7	1.741.687,90
143	abr-14	407.194.638,8	74.746.202,8	23,23%	18,36%	1,19%	13,35%	0,38%	4,41%	74.746.202,8	
144	may-14	405.492.015,7	74.265.637,9	22,99%	18,31%	1,18%	13,28%	0,23%	2,68%	74.265.637,9	
145	jun-14	403.781.787,5	73.626.814,7	22,75%	18,23%	1,17%	13,22%	0,44%	5,16%	73.626.814,7	1.713.416,91
146	jul-14	402.077.671,6	73.084.906,7	22,52%	18,18%	1,17%	13,16%	0,32%	3,72%	73.084.906,7	
147	ago-14	400.365.944,0	72.577.949,8	22,29%	18,13%	1,16%	13,10%	0,27%	3,18%	72.577.949,8	
148	sep-14	398.646.570,6	72.079.488,7	22,06%	18,08%	1,16%	13,03%	0,26%	3,06%	72.079.488,7	1.547.326,07
149	oct-14	396.919.517,4	71.686.662,9	21,84%	18,06%	1,15%	12,96%	0,11%	1,34%	71.686.662,9	
150	nov-14	395.184.750,0	70.839.067,6	21,61%	17,93%	1,15%	12,93%	0,75%	8,62%	70.839.067,6	
151	dic-14	393.442.233,9	70.306.799,8	21,39%	17,87%	1,14%	12,87%	0,31%	3,68%	70.306.799,8	1.772.688,89
152	ene-15	391.722.391,0	69.731.046,0	21,17%	17,80%	1,14%	12,82%	0,38%	4,51%	69.731.046,0	
153	feb-15	389.994.866,2	69.206.949,6	20,96%	17,75%	1,13%	12,76%	0,31%	3,68%	69.206.949,6	
154	mar-15	388.259.625,0	68.685.168,1	20,74%	17,69%	1,13%	12,70%	0,31%	3,66%	68.685.168,1	1.621.631,64
155	abr-15	386.516.633,1	68.230.385,7	20,53%	17,65%	1,12%	12,64%	0,21%	2,54%	68.230.385,7	
156	may-15	384.765.855,9	67.801.483,9	20,32%	17,62%	1,11%	12,58%	0,18%	2,10%	67.801.483,9	
157	jun-15	383.007.258,5	67.157.530,8	20,11%	17,53%	1,11%	12,53%	0,49%	5,78%	67.157.530,8	1.527.637,31
158	jul-15	381.252.644,0	66.694.139,7	19,91%	17,49%	1,10%	12,48%	0,23%	2,76%	66.694.139,7	
159	ago-15	379.490.192,3	66.127.314,1	19,70%	17,43%	1,10%	12,43%	0,39%	4,57%	66.127.314,1	
160	sep-15	377.719.868,3	65.596.340,3	19,50%	17,37%	1,09%	12,38%	0,34%	3,98%	65.596.340,3	1.561.190,54
161	oct-15	375.941.636,8	65.059.790,7	19,30%	17,31%	1,09%	12,33%	0,35%	4,11%	65.059.790,7	
162	nov-15	374.155.462,5	64.527.561,1	19,11%	17,25%	1,09%	12,28%	0,34%	4,06%	64.527.561,1	
163	dic-15	372.361.310,0	64.026.988,6	18,91%	17,19%	1,08%	12,23%	0,30%	3,51%	64.026.988,6	1.569.351,68
164	ene-16	370.596.490,9	63.440.799,8	18,72%	17,12%	1,08%	12,19%	0,44%	5,20%	63.440.799,8	
165	feb-16	368.823.788,8	62.927.433,7	18,53%	17,06%	1,07%	12,14%	0,33%	3,92%	62.927.433,7	
166	mar-16	367.043.168,7	62.347.594,7	18,34%	16,99%	1,07%	12,10%	0,44%	5,16%	62.347.594,7	1.679.393,91
167	abr-16	365.254.595,2	61.868.600,7	18,15%	16,94%	1,06%	12,05%	0,28%	3,34%	61.868.600,7	
168	may-16	363.458.032,7	61.328.280,1	17,96%	16,87%	1,06%	12,00%	0,38%	4,50%	61.328.280,1	
169	jun-16	361.653.445,5	60.838.264,5	17,78%	16,82%	1,06%	11,95%	0,30%	3,59%	60.838.264,5	1.509.330,21
170	jul-16	359.885.034,0	60.366.871,5	17,60%	16,77%	1,05%	11,91%	0,29%	3,39%	60.366.871,5	
171	ago-16	358.108.723,6	59.884.186,2	17,42%	16,72%	1,05%	11,86%	0,31%	3,63%	59.884.186,2	
172	sep-16	356.324.479,1	59.336.263,3	17,24%	16,65%	1,04%	11,82%	0,42%	4,91%	59.336.263,3	-589.165,37
173	oct-16	354.532.264,9	58.836.572,5	17,06%	16,60%	1,04%	11,78%	0,34%	4,01%	58.836.572,5	
174	nov-16	352.732.045,4	58.392.985,8	16,89%	16,55%	1,03%	11,73%	0,25%	2,93%	58.392.985,8	
175	dic-16	350.923.785,0	57.894.245,3	16,72%	16,50%	1,03%	11,69%	0,34%	4,04%	57.894.245,3	2.768.376,96
176	ene-17	349.125.535,0	57.330.087,5	16,54%	16,42%	1,03%	11,65%	0,46%	5,43%	57.330.087,5	
177	feb-17	347.319.252,9	56.653.945,6	16,38%	16,31%	1,02%	11,63%	0,67%	7,70%	56.653.945,6	
178	mar-17	345.504.902,6	55.999.224,4	16,21%	16,21%	1,02%	11,61%	0,64%	7,38%	55.999.224,4	2.659.828,52

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA
			600000	450000		
		580.200.000	19.800.000	0		
11-7-02	0	580.200.000	19.800.000	0	0	0
11-8-02	1	0	580.200.000	19.800.000	0	0
11-9-02	1	24.802.514	580.200.000	19.800.000	24.802.514	0
11-10-02	1	0	555.397.486	19.800.000	0	0
11-11-02	1	0	555.397.486	19.800.000	0	0
11-12-02	1	24.571.201	555.397.486	19.800.000	24.571.201	0
11-1-03	1	0	530.826.285	19.800.000	0	0
11-2-03	1	0	530.826.285	19.800.000	0	0
11-3-03	1	28.872.577	530.826.285	19.800.000	28.872.577	0
11-4-03	1	0	501.953.708	19.800.000	0	0
11-5-03	1	0	501.953.708	19.800.000	0	0
11-6-03	1	33.302.085	501.953.708	19.800.000	33.302.085	0
11-7-03	1	0	468.651.623	19.800.000	0	0
11-8-03	1	0	468.651.623	19.800.000	0	0
11-9-03	1	37.577.627	468.651.623	19.800.000	37.577.627	0
11-10-03	1	0	431.073.996	19.800.000	0	0
11-11-03	1	0	431.073.996	19.800.000	0	0
11-12-03	1	39.969.320	431.073.996	19.800.000	39.969.320	0
11-1-04	1	0	391.104.676	19.800.000	0	0
11-2-04	1	0	391.104.676	19.800.000	0	0
11-3-04	1	32.149.511	391.104.676	19.800.000	32.149.511	0
11-4-04	1	0	358.955.165	19.800.000	0	0
11-5-04	1	0	358.955.165	19.800.000	0	0
11-6-04	1	30.682.755	358.955.165	19.800.000	30.682.755	0
11-7-04	1	0	328.272.410	19.800.000	0	0
11-8-04	1	0	328.272.410	19.800.000	0	0
11-9-04	1	25.083.678	328.272.410	19.800.000	25.083.678	0
11-10-04	1	0	303.188.732	19.800.000	0	0

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA	
			600000	450000			
11-11-04	1	0	303.188.732	19.800.000	0	0	
11-12-04	1	21.614.853	303.188.732	19.800.000	20.474.024	1.140.829	-5.102.929.386
11-1-05	1	0	282.714.708	18.659.171	0	0	0
11-2-05	1	0	282.714.708	18.659.171	0	0	0
11-3-05	1	22.477.229	282.714.708	18.659.171	21.085.580	1.391.648	-6.099.594.506
11-4-05	1	0	261.629.127	17.267.522	0	0	0
11-5-05	1	0	261.629.127	17.267.522	0	0	0
11-6-05	1	21.908.158	261.629.127	17.267.522	20.551.743	1.356.415	-5.820.376.942
11-7-05	1	0	241.077.384	15.911.107	0	0	0
11-8-05	1	0	241.077.384	15.911.107	0	0	0
11-9-05	1	17.818.941	241.077.384	15.911.107	16.715.704	1.103.236	-4.632.490.041
11-10-05	1	0	224.361.680	14.807.871	0	0	0
11-11-05	1	0	224.361.680	14.807.871	0	0	0
11-12-05	1	16.763.958	224.361.680	14.807.871	15.726.039	1.037.919	-4.263.769.628
11-1-06	1	0	208.635.641	13.769.952	0	0	0
11-2-06	1	0	208.635.641	13.769.952	0	0	0
11-3-06	1	16.315.440	208.635.641	13.769.952	15.305.291	1.010.149	-4.058.779.518
11-4-06	1	0	193.330.349	12.759.803	0	0	0
11-5-06	1	0	193.330.349	12.759.803	0	0	0
11-6-06	1	13.998.131	193.330.349	12.759.803	13.131.455	866.676	-3.402.570.001
11-7-06	1	0	180.198.895	11.893.127	0	0	0
11-8-06	1	0	180.198.895	11.893.127	0	0	0
11-9-06	1	13.321.029	180.198.895	11.893.127	12.496.275	824.754	-3.162.107.435
11-10-06	1	0	167.702.620	11.068.373	0	0	0
11-11-06	1	0	167.702.620	11.068.373	0	0	0
11-12-06	1	9.723.921	167.702.620	11.068.373	9.121.877	602.044	-2.253.450.215
11-1-07	1	0	158.580.743	10.466.329	0	0	0
11-2-07	1	0	158.580.743	10.466.329	0	0	0
11-3-07	1	8.678.637	158.580.743	10.466.329	8.141.310	537.326	-1.962.853.622

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA	
			600000	450000			
11-4-07	1	0	150.439.433	9.929.003	0	0	
11-5-07	1	0	150.439.433	9.929.003	0	0	
11-6-07	1	7.815.918	150.439.433	9.929.003	7.332.006	483.912	-1.723.211.964
11-7-07	1	0	143.107.427	9.445.090	0	0	
11-8-07	1	0	143.107.427	9.445.090	0	0	
11-9-07	1	7.745.749	143.107.427	9.445.090	7.266.181	479.568	-1.663.621.244
11-10-07	1	0	135.841.246	8.965.522	0	0	
11-11-07	1	0	135.841.246	8.965.522	0	0	
11-12-07	1	4.933.280	135.841.246	8.965.522	4.627.842	305.438	-1.031.768.176
11-1-08	1	0	131.213.404	8.660.085	0	0	
11-2-08	1	0	131.213.404	8.660.085	0	0	
11-3-08	1	5.260.747	131.213.404	8.660.085	4.935.035	325.712	-1.070.616.359
11-4-08	1	0	126.278.369	8.334.372	0	0	
11-5-08	1	0	126.278.369	8.334.372	0	0	
11-6-08	1	6.502.459	126.278.369	8.334.372	6.099.868	402.591	-1.286.279.138
11-7-08	1	0	120.178.501	7.931.781	0	0	
11-8-08	1	0	120.178.501	7.931.781	0	0	
11-9-08	1	4.610.824	120.178.501	7.931.781	4.325.351	285.473	-885.823.214
11-10-08	1	0	115.853.150	7.646.308	0	0	
11-11-08	1	0	115.853.150	7.646.308	0	0	
11-12-08	1	3.476.538	115.853.150	7.646.308	3.261.292	215.245	-648.318.847
11-1-09	1	0	112.591.857	7.431.063	0	0	
11-2-09	1	0	112.591.857	7.431.063	0	0	
11-3-09	1	2.902.898	112.591.857	7.431.063	2.723.169	179.729	-525.168.602
11-4-09	1	0	109.868.688	7.251.333	0	0	
11-5-09	1	0	109.868.688	7.251.333	0	0	
11-6-09	1	2.720.579	109.868.688	7.251.333	2.552.138	168.441	-476.688.268
11-7-09	1	0	107.316.551	7.082.892	0	0	
11-8-09	1	0	107.316.551	7.082.892	0	0	

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA	
			600000	450000			
11-9-09	1	2.807.634	107.316.551	7.082.892	2.633.803	173.831	-475.949.330
11-10-09	1	0	104.682.747	6.909.061	0	0	0
11-11-09	1	0	104.682.747	6.909.061	0	0	0
11-12-09	1	3.620.238	104.682.747	6.909.061	3.396.096	224.142	-593.304.743
11-1-10	1	0	101.286.651	6.684.919	0	0	0
11-2-10	1	0	101.286.651	6.684.919	0	0	0
11-3-10	1	2.405.272	101.286.651	6.684.919	2.256.352	148.919	-380.786.520
11-4-10	1	0	99.030.299	6.536.000	0	0	0
11-5-10	1	0	99.030.299	6.536.000	0	0	0
11-6-10	1	2.911.053	99.030.299	6.536.000	2.730.819	180.234	-444.276.993
11-7-10	1	0	96.299.480	6.355.766	0	0	0
11-8-10	1	0	96.299.480	6.355.766	0	0	0
11-9-10	1	1.988.126	96.299.480	6.355.766	1.865.034	123.092	-292.097.887
11-10-10	1	0	94.434.446	6.232.673	0	0	0
11-11-10	1	0	94.434.446	6.232.673	0	0	0
11-12-10	1	2.290.103	94.434.446	6.232.673	2.148.315	141.789	-323.561.958
11-1-11	1	0	92.286.131	6.090.885	0	0	0
11-2-11	1	0	92.286.131	6.090.885	0	0	0
11-3-11	1	2.395.247	92.286.131	6.090.885	2.246.949	148.299	-325.070.539
11-4-11	1	0	90.039.183	5.942.586	0	0	0
11-5-11	1	0	90.039.183	5.942.586	0	0	0
11-6-11	1	2.213.772	90.039.183	5.942.586	2.076.709	137.063	-287.831.876
11-7-11	1	0	87.962.474	5.805.523	0	0	0
11-8-11	1	0	87.962.474	5.805.523	0	0	0
11-9-11	1	1.882.124	87.962.474	5.805.523	1.765.594	116.529	-233.990.692
11-10-11	1	0	86.196.879	5.688.994	0	0	0
11-11-11	1	0	86.196.879	5.688.994	0	0	0
11-12-11	1	1.757.748	86.196.879	5.688.994	1.648.919	108.829	-208.624.531
11-1-12	1	0	84.547.960	5.580.165	0	0	0

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA	
			600000	450000			
11-2-12	1	0	84.547.960	5.580.165	0	0	
11-3-12	1	1.746.902	84.547.960	5.580.165	1.638.745	108.157	-197.494.975
11-4-12	1	0	82.909.215	5.472.008	0	0	0
11-5-12	1	0	82.909.215	5.472.008	0	0	0
11-6-12	1	1.758.856	82.909.215	5.472.008	1.649.958	108.897	-188.827.834
11-7-12	1	0	81.259.257	5.363.111	0	0	0
11-8-12	1	0	81.259.257	5.363.111	0	0	0
11-9-12	1	1.642.518	81.259.257	5.363.111	1.540.824	101.694	-166.982.144
11-10-12	1	0	79.718.433	5.261.417	0	0	0
11-11-12	1	0	79.718.433	5.261.417	0	0	0
11-12-12	1	1.456.934	79.718.433	5.261.417	1.366.730	90.204	-139.906.666
11-1-13	1	0	78.351.704	5.171.212	0	0	0
11-2-13	1	0	78.351.704	5.171.212	0	0	0
11-3-13	1	1.767.164	78.351.704	5.171.212	1.657.753	109.412	-159.850.470
11-4-13	1	0	76.693.951	5.061.801	0	0	0
11-5-13	1	0	76.693.951	5.061.801	0	0	0
11-6-13	1	1.545.349	76.693.951	5.061.801	1.449.671	95.678	-130.983.537
11-7-13	1	0	75.244.280	4.966.122	0	0	0
11-8-13	1	0	75.244.280	4.966.122	0	0	0
11-9-13	1	1.677.366	75.244.280	4.966.122	1.573.514	103.852	-132.618.934
11-10-13	1	0	73.670.766	4.862.271	0	0	0
11-11-13	1	0	73.670.766	4.862.271	0	0	0
11-12-13	1	1.448.879	73.670.766	4.862.271	1.359.173	89.705	-106.390.660
11-1-14	1	0	72.311.592	4.772.565	0	0	0
11-2-14	1	0	72.311.592	4.772.565	0	0	0
11-3-14	1	1.741.688	72.311.592	4.772.565	1.633.854	107.834	-118.186.431
11-4-14	1	0	70.677.739	4.664.731	0	0	0
11-5-14	1	0	70.677.739	4.664.731	0	0	0
11-6-14	1	1.713.417	70.677.739	4.664.731	1.607.333	106.084	-106.508.310

FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA	
			600000	450000			
11-7-14	1	0	69.070.406	4.558.647	0	0	
11-8-14	1	0	69.070.406	4.558.647	0	0	
11-9-14	1	1.547.326	69.070.406	4.558.647	1.488.679	58.647	-53.485.875
11-10-14	1	0	67.581.727	4.500.000	0	0	
11-11-14	1	0	67.581.727	4.500.000	0	0	
11-12-14	1	1.772.689	67.581.727	4.500.000	1.772.689	0	0
11-1-15	1	0	65.809.038	4.500.000	0	0	
11-2-15	1	0	65.809.038	4.500.000	0	0	
11-3-15	1	1.621.632	65.809.038	4.500.000	1.621.632	0	0
11-4-15	1	0	64.187.406	4.500.000	0	0	
11-5-15	1	0	64.187.406	4.500.000	0	0	
11-6-15	1	1.527.637	64.187.406	4.500.000	1.527.637	0	0
11-7-15	1	0	62.659.769	4.500.000	0	0	
11-8-15	1	0	62.659.769	4.500.000	0	0	
11-9-15	1	1.561.191	62.659.769	4.500.000	1.561.191	0	0
11-10-15	1	0	61.098.578	4.500.000	0	0	
11-11-15	1	0	61.098.578	4.500.000	0	0	
11-12-15	1	1.569.352	61.098.578	4.500.000	1.569.352	0	0
11-1-16	1	0	59.529.227	4.500.000	0	0	
11-2-16	1	0	59.529.227	4.500.000	0	0	
11-3-16	1	1.679.394	59.529.227	4.500.000	1.679.394	0	0
11-4-16	1	0	57.849.833	4.500.000	0	0	
11-5-16	1	0	57.849.833	4.500.000	0	0	
11-6-16	1	1.509.330	57.849.833	4.500.000	1.509.330	0	0
11-7-16	1	0	56.340.502	4.500.000	0	0	
11-8-16	1	0	56.340.502	4.500.000	0	0	
11-9-16	1	-589.165	56.340.502	4.500.000	-589.165	0	0
11-10-16	1	0	56.929.668	4.500.000	0	0	
11-11-16	1	0	56.929.668	4.500.000	0	0	



FECHA ACTUAL	11-3-17
VIDA MEDIA A	
	0,40

VIDA MEDIA B	
	0,41

FECHA	PRINCIPAL DISPONIBLE	BONOS A	BONOS B	PRINCIPAL A	PRINCIPAL B	VIDA MEDIA
			600000		450000	
11-12-16 1	2.768.377	56.929.668	4.500.000	2.768.377	0	0
11-1-17 1	0	54.161.291	4.500.000	0	0	0
11-2-17 1	0	54.161.291	4.500.000	0	0	0
11-3-17 1	2.659.829	54.161.291	4.500.000	2.659.829	0	0
11-4-17 1	0	51.501.462	4.500.000	0	0	0
11-5-17 1	0	51.501.462	4.500.000	0	0	0
11-6-17 1	2.563.835	51.501.462	4.500.000	2.563.835	0	0
11-7-17 1	0	48.937.628	4.500.000	0	0	0
11-8-17 1	0	48.937.628	4.500.000	0	0	0
11-9-17 1	53.435.390	48.937.628	4.500.000	48.937.628	4.500.000	828.000.000