



F.T.A. UCI 8

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DENOMINACION DEL FONDO:

F.T.A. UCI 8

INFORMACIÓN

CORRESPONDIENTE AL:

TRIMESTRE/SEMESTRE:

20/06/2016 - 19/09/2016

AÑO:

2016

Personas que asumen la responsabilidad de esta información y cargos que ocupan:	Firma:
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	AaGAAÉ
		SERIE B	A2/A	AHAA-

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	9.451,27	
		Nominal Total	580.200.000,00	54.836.268,53	9,45 %
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 19 septiembre 2016			Fecha Próximo Cupón 19 diciembre 2016		
	Amortización de los Bonos	Intereses Brutos Bonos	Tipo de Interés	Importe Bruto Próximo Cupón	Importe Neto Próximo Cupón
SERIE A	258,88 €	0,00 €	0,0000 %	0,00 €	0,00 €
SERIE B	0,00 €	19,30 €	0,2990 %	17,18 €	13,92 €
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	2.301
Saldo Pendiente de Amortizar Derechos	600.030.262,96	59.336.263,34
Importes Unitarios Derechos Vivos	48.141,07	25.787,16
Tipos de Interés	5,36 %	1,50 %

TASAS DE AMORTIZACIÓN ANTICIPADA	SITUACIÓN ACTUAL
Tasa mensual actual anualizada:	4,9FÁ%
Tasa últimos 12 meses anualizada:	4,11 %
Tasa anualizada desde Constitución del Fondo	11,82 %

MOROSIDAD ACTUAL	Hasta 1 mes	De 1 a 6 meses	Mayor de 6 meses
Deuda Vencida(Principal+Intereses)	1.674,66	12.817,24	160.027,45
Deuda Pendiente de vencimiento	0,00	0,00	59.217.692,20
Deuda Total	1.674,66	12.817,24	59.377.719,65

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INFORME TRIMESTRAL BONOS DE TITULIZACIÓN

19/09/2016

BONOS TITULIZACIÓN DE ACTIVOS. PRINCIPAL	
Saldo anterior	60.838.289,76 €
Amortizaciones	1.502.021,76 €
Saldo actual	59.336.268,00 €
% sobre saldo inicial	9,89%
Amortización devengada no pagada	0,00 €

BONOS DE TITULIZACIÓN DE ACTIVOS. INTERESES	
Intereses pagados Serie A	0,00 €
Intereses pagados Serie B	3.821,40 €
Intereses devengados no pagados	0,00 €

DATOS	
Fecha de determinación	12/09/2016
Fecha de Pago de Cupón Actual	19/09/2016
Fecha de Pago de Cupón Anterior	20/06/2016
Número de días	91
Tipo de referencia (%)	-0,301%
Próxima Fecha de Pago	19/12/2016

VIDA RESIDUAL (AÑOS)		
	INICIAL	19/09/2016
SERIE A	5.70	0,40
SERIE B	9.20	0,41

F.T.A. UCI 8**INFORME TRIMESTRAL DERECHOS DE CREDITO****19/09/2016**

DERECHOS DE CRÉDITO. PRINCIPAL	
Saldo anterior	60.838.264,49 €
Amortizaciones	1.502.001,15 €
Saldo actual	59.336.263,34 €
Número de derechos de crédito	2.301
LTV	34,98%

DERECHOS DE CRÉDITO. INTERESES	
Intereses cobrados en el trimestre	219.539,28 €
Intereses devengados en el trimestre	217.630,05 €

DERECHOS DE CRÉDITO EN MOROSIDAD					
	HASTA 30 DÍAS	30 A 60 DÍAS	60 A 90 DÍAS	90 A 180 DÍAS	> DE 180 DÍAS
Principal	1.390,89 €	1.448,40 €	3.651,58 €	6.080,62 €	105.999,65 €
Intereses	283,77 €	240,94 €	527,31 €	868,39 €	54.027,80 €
Saldo de los derechos de crédito	322.662,95 €	154.574,79 €	139.484,33 €	179.252,72 €	1.291.955,84 €
Número de derechos de crédito	9	5	5	4	34
% sobre saldo de los derechos de crédito	0,54%	0,26%	0,24%	0,30%	2,18%

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INFORME TRIMESTRAL DERECHOS DE CREDITO

19/09/2016

ADJUDICADOS	
Saldo anterior	146.136,35 €
Diferencia	-8.529,07 €
Saldo actual	137.607,28 €
Número derechos de crédito adjudicados	5

PERDIDAS DE LA CARTERA	
Saldo anterior	122.222,81 €
Diferencia	33.853,43 €
Saldo actual	156.076,24 €

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ESTADO DE ORIGEN Y APLICACIÓN DE FONDOS Y CUENTA DE TESORERÍA

19/09/2016

ORIGEN	1.685.127,96 €
PRINCIPAL COBRADO	
Amortización derechos de crédito	1.468.147,72 €
INTERESES COBRADOS	
Intereses de derechos de crédito	219.539,28 €
Intereses de reinversión	-5.255,75 €
CONTENCIOSOS / JUDICIALES	
INGRESOS/GASTOS DE ADJUDICADOS	2.696,66 €
FONDO DE RESERVA	
OTROS	0,05 €

APLICACIÓN	1.685.127,96 €
GASTOS ORDINARIOS	13.804,50 €
COMISION SGFT	14.332,50 €
INTERESES SERIE A	0,00 €
INTERESES SERIE B	3.821,40 €
AMORT SERIE A	1.502.021,76 €
AMORT SERIE B	0,00 €
INTS PTMO SUBORDINADO	3.142,93 €
INTERESES PTO. SUB. UCB	3.142,93 €
AMORT PTO SUBORDINADO	0,00 €
COMISION ADMINISTRACION	6.000,00 €
COMISIÓN VARIABLE	138.861,94 €

ESTADO CUENTA DE TESORERÍA	6.000.302,63 €
FONDO DE RESERVA	
Saldo anterior	6.000.302,63 €
Utilizado en el período	0,00 €
Saldo actual	6.000.302,63 €
RETENCIÓN A CUENTA DEL IRPF	0,00 €
GASTOS EMISIÓN RETENIDOS	0,00 €
OTROS	0,00 €

MEJORA CREDITICIA Y PRÉSTAMO SUBORDINADO

19/09/2016

MEJORA DE CRÉDITO		
CONCEPTOS	INICIAL	19/09/2016
EMISIÓN SUBORDINADA	96,70 %	7,58%
FONDO DE RESERVA	11.100.000,00 € (1,85 %)	6.000.302,63 € 10,11%

PRÉSTAMOS SUBORDINADOS		
CONCEPTOS	INICIAL	19/09/2016
PRESTAMO SUBORDINADO SANTANDER		
Saldo vivo	6.625.000,00 €	3.001.489,47 €
Tipo de interés	4,590 %	0,40%
PRESTAMO SUBORDINADO UCB		
Saldo vivo	6.625.000,00 €	3.001.489,47 €
Tipo de interés	4,590 %	0,40%

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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.

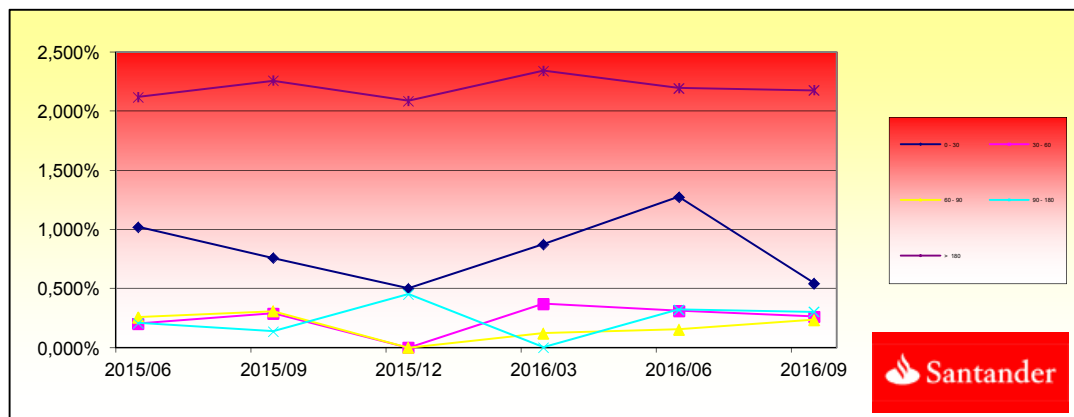
ADJUDICADOS Bienes en el activo del Fondo como consecuencia de un proceso judicial o extrajudicial.

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*

DÍAS EN MORA ARREARS(DAYS)	2015/06	2015/09	2015/12	2016/03	2016/06	2016/09
0 - 30	1,020%	0,758%	0,500%	0,875%	1,275%	0,544%
30 - 60	0,202%	0,289%	0,000%	0,371%	0,311%	0,261%
60 - 90	0,257%	0,309%	0,000%	0,120%	0,153%	0,235%
90 - 180	0,209%	0,138%	0,451%	0,001%	0,322%	0,302%
> 180	2,120%	2,258%	2,088%	2,342%	2,194%	2,177%



**FONDO DE TITULIZACIÓN DE ACTIVOS
UCI 8**

L.T.V.

INTERVALO (%)	SALDOS VIVOS	% SALDOS VIVOS	Nº. DE PRESTAMOS	% Nº DE PRESTAMOS
(%)	OUTS. BALANC	% OUTSTANDING	LOANS	% LOANS
0,00 - 09,99	667.768,72	1,1996%	92	5,6269%
10,00 - 19,99	3.438.215,51	6,1764%	189	11,5596%
20,00 - 29,99	7.934.751,39	14,2539%	266	16,2691%
30,00 - 39,99	12.862.337,78	23,1057%	343	20,9786%
40,00 - 49,99	26.428.943,86	47,4765%	652	39,8777%
50,00 - 59,99	3.623.722,23	6,5096%	78	4,7706%
60,00 - 70,00	526.176,06	0,9452%	12	0,7339%
> 70	185.483,25	0,3332%	3	0,1835%

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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	1,04%	Permanencia a final de mes	Mortalidad mensual	Tasa Cte. Prepago	Mortalidad mensual	Tasa Cte. Prepago	Balance después de prepago	Disponible para amortizacion
			Vector de Prepago							
	600.030.263,3		100,00%	100,00%				4,11%	600.000.000,00	
jul-02	598.997.437,3	590.336.116,5	98,96%	98,55%	1,45%	16,04%	1,45%	16,04%	590.336.116,5	
ago-02	597.959.998,1	582.758.168,9	97,93%	97,46%	1,28%	14,32%	1,11%	12,56%	582.758.168,9	
sep-02	596.917.925,0	575.197.486,2	96,90%	96,36%	1,23%	13,78%	1,13%	12,70%	575.197.486,2	24.802.513,80
oct-02	595.871.197,3	566.689.574,6	95,89%	95,10%	1,25%	13,98%	1,31%	14,59%	566.689.574,6	
nov-02	594.819.794,2	560.350.472,3	94,89%	94,21%	1,19%	13,35%	0,94%	10,76%	560.350.472,3	
dic-02	593.763.694,9	550.626.284,9	93,90%	92,73%	1,25%	14,00%	1,56%	17,20%	550.626.284,9	24.571.201,31
ene-03	592.702.878,3	542.196.558,6	92,92%	91,48%	1,26%	14,16%	1,35%	15,10%	542.196.558,6	
feb-03	591.637.323,4	531.194.838,9	91,96%	89,78%	1,34%	14,93%	1,85%	20,10%	531.194.838,9	
mar-03	590.567.009,0	521.753.707,6	91,00%	88,35%	1,37%	15,23%	1,60%	17,59%	521.753.707,6	28.872.577,34
abr-03	589.491.913,9	510.015.634,9	90,05%	86,52%	1,44%	15,95%	2,07%	22,21%	510.015.634,9	
may-03	588.412.016,6	500.008.904,2	89,11%	84,98%	1,47%	16,27%	1,78%	19,41%	500.008.904,2	
jun-03	587.327.295,9	488.451.623,0	88,18%	83,17%	1,52%	16,83%	2,13%	22,78%	488.451.623,0	33.302.084,60
jul-03	586.238.815,9	476.702.710,4	87,26%	81,32%	1,58%	17,38%	2,22%	23,66%	476.702.710,4	
ago-03	585.145.474,1	463.533.357,0	86,35%	79,22%	1,65%	18,10%	2,58%	26,93%	463.533.357,0	
sep-03	584.047.248,6	450.873.995,7	85,45%	77,20%	1,71%	18,70%	2,55%	26,64%	450.873.995,7	37.577.627,30
oct-03	582.944.117,8	439.324.835,0	84,56%	75,36%	1,75%	19,11%	2,38%	25,08%	439.324.835,0	
nov-03	581.836.059,7	424.848.001,3	83,68%	73,02%	1,83%	19,91%	3,11%	31,56%	424.848.001,3	
dic-03	580.723.052,2	410.904.676,0	82,80%	70,76%	1,90%	20,59%	3,10%	31,44%	410.904.676,0	39.969.319,66
ene-04	579.606.665,5	399.638.040,0	81,94%	68,95%	1,94%	20,93%	2,55%	26,69%	399.638.040,0	
feb-04	578.485.292,3	390.516.469,2	81,09%	67,51%	1,95%	21,00%	2,09%	22,42%	390.516.469,2	
mar-04	577.358.910,4	378.755.165,1	80,24%	65,60%	1,99%	21,41%	2,82%	29,08%	378.755.165,1	32.149.510,89
abr-04	576.227.497,2	370.068.363,0	79,40%	64,22%	1,99%	21,46%	2,10%	22,50%	370.068.363,0	
may-04	575.091.030,4	360.022.327,4	78,58%	62,60%	2,02%	21,68%	2,52%	26,40%	360.022.327,4	
jun-04	573.949.487,4	348.072.410,1	77,76%	60,65%	2,06%	22,13%	3,13%	31,70%	348.072.410,1	30.682.755,01
jul-04	572.806.848,5	337.247.978,8	76,95%	58,88%	2,10%	22,45%	2,92%	29,90%	337.247.978,8	
ago-04	571.659.105,8	328.958.493,0	76,14%	57,54%	2,10%	22,51%	2,26%	24,01%	328.958.493,0	
sep-04	570.506.236,6	322.988.731,8	75,35%	56,61%	2,09%	22,34%	1,62%	17,76%	322.988.731,8	25.083.678,32
oct-04	569.348.217,8	316.160.050,7	74,56%	55,53%	2,08%	22,28%	1,92%	20,71%	316.160.050,7	
nov-04	568.185.026,6	308.983.044,7	73,79%	54,38%	2,08%	22,28%	2,07%	22,20%	308.983.044,7	
dic-04	567.016.639,8	301.373.878,5	73,02%	53,15%	2,08%	22,34%	2,26%	24,01%	301.373.878,5	21.614.853,23
ene-05	565.848.494,2	292.896.578,7	72,25%	51,76%	2,10%	22,50%	2,61%	27,21%	292.896.578,7	
feb-05	564.675.130,8	285.599.516,4	71,50%	50,58%	2,11%	22,56%	2,29%	24,26%	285.599.516,4	
mar-05	563.496.526,5	278.896.649,9	70,76%	49,49%	2,11%	22,57%	2,14%	22,89%	278.896.649,9	22.477.228,63
abr-05	562.312.657,7	272.426.583,8	70,02%	48,45%	2,11%	22,57%	2,11%	22,62%	272.426.583,8	

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

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

abr-13	427.149.471,7	81.251.065,3	25,59%	19,02%	1,27%	14,20%	0,23%	2,77%	81.251.065,3	
may-13	425.506.985,9	80.658.721,1	25,33%	18,96%	1,26%	14,13%	0,35%	4,07%	80.658.721,1	
jun-13	423.857.163,6	80.208.164,7	25,06%	18,92%	1,25%	14,04%	0,17%	2,04%	80.208.164,7	1.545.348,86
jul-13	422.220.975,4	79.600.389,6	24,80%	18,85%	1,25%	13,98%	0,37%	4,39%	79.600.389,6	
ago-13	420.577.478,9	79.010.610,0	24,54%	18,79%	1,24%	13,91%	0,35%	4,16%	79.010.610,0	
sep-13	418.926.641,5	78.530.798,4	24,29%	18,75%	1,23%	13,83%	0,22%	2,56%	78.530.798,4	1.677.366,27
oct-13	417.268.430,3	78.087.617,4	24,03%	18,71%	1,22%	13,75%	0,17%	2,01%	78.087.617,4	
nov-13	415.602.812,4	77.652.223,4	23,78%	18,68%	1,22%	13,66%	0,16%	1,89%	77.652.223,4	
dic-13	413.929.754,7	77.081.919,6	23,54%	18,62%	1,21%	13,60%	0,33%	3,93%	77.081.919,6	1.448.878,88
ene-14	412.257.215,2	76.402.626,4	23,29%	18,53%	1,21%	13,54%	0,48%	5,60%	76.402.626,4	
feb-14	410.577.204,9	75.894.331,3	23,05%	18,48%	1,20%	13,47%	0,26%	3,06%	75.894.331,3	
mar-14	408.889.690,6	75.340.231,7	22,81%	18,43%	1,19%	13,41%	0,32%	3,78%	75.340.231,7	1.741.687,90
abr-14	407.194.638,8	74.746.202,8	22,57%	18,36%	1,19%	13,35%	0,38%	4,41%	74.746.202,8	
may-14	405.492.015,7	74.265.637,9	22,33%	18,31%	1,18%	13,28%	0,23%	2,68%	74.265.637,9	
jun-14	403.781.787,5	73.626.814,7	22,10%	18,23%	1,17%	13,22%	0,44%	5,16%	73.626.814,7	1.713.416,91
jul-14	402.077.671,6	73.084.906,7	21,87%	18,18%	1,17%	13,16%	0,32%	3,72%	73.084.906,7	
ago-14	400.365.944,0	72.577.949,8	21,64%	18,13%	1,16%	13,10%	0,27%	3,18%	72.577.949,8	
sep-14	398.646.570,6	72.079.488,7	21,42%	18,08%	1,16%	13,03%	0,26%	3,06%	72.079.488,7	1.547.326,07
oct-14	396.919.517,4	71.686.662,9	21,19%	18,06%	1,15%	12,96%	0,11%	1,34%	71.686.662,9	
nov-14	395.184.750,0	70.839.067,6	20,97%	17,93%	1,15%	12,93%	0,75%	8,62%	70.839.067,6	
dic-14	393.442.233,9	70.306.799,8	20,75%	17,87%	1,14%	12,87%	0,31%	3,68%	70.306.799,8	1.772.688,89
ene-15	391.722.391,0	69.731.046,0	20,54%	17,80%	1,14%	12,82%	0,38%	4,51%	69.731.046,0	
feb-15	389.994.866,2	69.206.949,6	20,32%	17,75%	1,13%	12,76%	0,31%	3,68%	69.206.949,6	
mar-15	388.259.625,0	68.685.168,1	20,11%	17,69%	1,13%	12,70%	0,31%	3,66%	68.685.168,1	1.621.631,64
abr-15	386.516.633,1	68.230.385,7	19,90%	17,65%	1,12%	12,64%	0,21%	2,54%	68.230.385,7	
may-15	384.765.855,9	67.801.483,9	19,69%	17,62%	1,11%	12,58%	0,18%	2,10%	67.801.483,9	
jun-15	383.007.258,5	67.157.530,8	19,49%	17,53%	1,11%	12,53%	0,49%	5,78%	67.157.530,8	1.527.637,31
jul-15	381.252.644,0	66.694.139,7	19,28%	17,49%	1,10%	12,48%	0,23%	2,76%	66.694.139,7	
ago-15	379.490.192,3	66.127.314,1	19,08%	17,43%	1,10%	12,43%	0,39%	4,57%	66.127.314,1	
sep-15	377.719.868,3	65.596.340,3	18,88%	17,37%	1,09%	12,38%	0,34%	3,98%	65.596.340,3	1.561.190,54
oct-15	375.941.636,8	65.059.790,7	18,69%	17,31%	1,09%	12,33%	0,35%	4,11%	65.059.790,7	
nov-15	374.155.462,5	64.527.561,1	18,49%	17,25%	1,09%	12,28%	0,34%	4,06%	64.527.561,1	
dic-15	372.361.310,0	64.026.988,6	18,30%	17,19%	1,08%	12,23%	0,30%	3,51%	64.026.988,6	1.569.351,68
ene-16	370.596.490,9	63.440.799,8	18,11%	17,12%	1,08%	12,19%	0,44%	5,20%	63.440.799,8	
feb-16	368.823.788,8	62.927.433,7	17,92%	17,06%	1,07%	12,14%	0,33%	3,92%	62.927.433,7	
mar-16	367.043.168,7	62.347.594,7	17,73%	16,99%	1,07%	12,10%	0,44%	5,16%	62.347.594,7	1.679.393,91
abr-16	365.254.595,2	61.868.600,7	17,55%	16,94%	1,06%	12,05%	0,28%	3,34%	61.868.600,7	
may-16	363.458.032,7	61.328.280,1	17,37%	16,87%	1,06%	12,00%	0,38%	4,50%	61.328.280,1	
jun-16	361.653.445,5	60.838.264,5	17,18%	16,82%	1,06%	11,95%	0,30%	3,59%	60.838.264,5	1.509.330,21
jul-16	359.885.034,0	60.366.871,5	17,01%	16,77%	1,05%	11,91%	0,29%	3,39%	60.366.871,5	
ago-16	358.108.723,6	59.884.186,2	16,83%	16,72%	1,05%	11,86%	0,31%	3,63%	59.884.186,2	
sep-16	356.324.479,1	59.336.263,3	16,65%	16,65%	1,04%	11,82%	0,42%	4,91%	59.336.263,3	1.502.001,15

FECHA ACTUAL	11-9-16
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	11-9-16
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	-4.896.439.285
11-1-05	1	0	282.714.708	18.659.171	0	0	
11-2-05	1	0	282.714.708	18.659.171	0	0	
11-3-05	1	22.477.229	282.714.708	18.659.171	21.085.580	1.391.648	-5.847.706.164
11-4-05	1	0	261.629.127	17.267.522	0	0	
11-5-05	1	0	261.629.127	17.267.522	0	0	
11-6-05	1	21.908.158	261.629.127	17.267.522	20.551.743	1.356.415	-5.574.865.819
11-7-05	1	0	241.077.384	15.911.107	0	0	
11-8-05	1	0	241.077.384	15.911.107	0	0	
11-9-05	1	17.818.941	241.077.384	15.911.107	16.715.704	1.103.236	-4.432.804.236
11-10-05	1	0	224.361.680	14.807.871	0	0	
11-11-05	1	0	224.361.680	14.807.871	0	0	
11-12-05	1	16.763.958	224.361.680	14.807.871	15.726.039	1.037.919	-4.075.906.361
11-1-06	1	0	208.635.641	13.769.952	0	0	
11-2-06	1	0	208.635.641	13.769.952	0	0	
11-3-06	1	16.315.440	208.635.641	13.769.952	15.305.291	1.010.149	-3.875.942.511
11-4-06	1	0	193.330.349	12.759.803	0	0	
11-5-06	1	0	193.330.349	12.759.803	0	0	
11-6-06	1	13.998.131	193.330.349	12.759.803	13.131.455	866.676	-3.245.701.644
11-7-06	1	0	180.198.895	11.893.127	0	0	
11-8-06	1	0	180.198.895	11.893.127	0	0	
11-9-06	1	13.321.029	180.198.895	11.893.127	12.496.275	824.754	-3.012.826.933
11-10-06	1	0	167.702.620	11.068.373	0	0	
11-11-06	1	0	167.702.620	11.068.373	0	0	
11-12-06	1	9.723.921	167.702.620	11.068.373	9.121.877	602.044	-2.144.480.274
11-1-07	1	0	158.580.743	10.466.329	0	0	
11-2-07	1	0	158.580.743	10.466.329	0	0	
11-3-07	1	8.678.637	158.580.743	10.466.329	8.141.310	537.326	-1.865.597.529

FECHA ACTUAL	11-9-16
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	-1.635.623.824
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	-1.576.819.444
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	-976.483.973
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	-1.011.662.431
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	-1.213.410.116
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	-834.152.572
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	-609.359.447
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	-492.637.624
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	-446.200.431
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	11-9-16
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	-444.485.916
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	-552.734.981
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	-353.832.136
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	-411.654.625
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	-269.818.192
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	-297.898.192
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	-298.228.491
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	-263.023.510
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	-212.898.902
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	-188.926.545
11-1-12	1	0	84.547.960	5.580.165	0	0	0

FECHA ACTUAL	11-9-16
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	-177.918.529
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	-169.117.432
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	-148.575.464
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	-123.579.711
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	-140.046.955
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	-113.665.772
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	-113.821.732
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	-90.153.974
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	-98.668.417
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	-87.307.110

FECHA ACTUAL	11-9-16
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
11-10-14	1	0	67.581.727	4.500.000	0	-42.870.805
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
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
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
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
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
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
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
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	1.502.001	56.340.502	4.500.000	1.502.001	0
11-10-16	1	0	54.838.501	4.500.000	0	0
11-11-16	1	0	54.838.501	4.500.000	0	0

FECHA ACTUAL	11-9-16
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	2.708.554	54.838.501	4.500.000	2.708.554	0	0
11-1-17	1	0	52.129.948	4.500.000	0	0	0
11-2-17	1	0	52.129.948	4.500.000	0	0	0
11-3-17	1	56.627.710	52.129.948	4.500.000	52.129.948	4.500.000	814.500.000