

[illegible]

PI-30/Act

Bond	Frequency	A	B	C	D	E	F	G=D-E (360 Days)	H=F-E	I=C*B/A	J=I/H*G
			Coupon	Principal	VDate	Last Coupon Date	Next Coupon Date	Acc Days	Period Days	Period Income	Accrued Income
HDBSP 1.165 04/24/17	Semi Annual	2	1.165%	1,000,000.00	31-Oct-15 Sat	24-Oct-15 Sat	24-Apr-16 Sun	7	183	5,825.00	222.81
											222.81 *

PI-Act/365

Bond	Frequency	A	B	C	D	E	F	G=D-E	H=365	I=C*B	J=I/H*G
			Coupon	Principal	VDate	Last Coupon Date	Next Coupon Date	Acc Days	Period Days	Period Income	Accrued Income
CMASP 3.95 08/24/17	Semi Annual	2	3.950%	1,000,000.00	26-Jul-16 Tue	24-Feb-16 Wed	24-Aug-16 Wed	153	365	39,500.00	16,557.53
											16,557.53 *
CAPITA 3.85 03/15/17	Semi Annual	2	3.850%	1,000,000.00	20-Apr-15 Mon	15-Mar-15 Sun	15-Sep-15 Tue	36	365	38,500.00	3,797.26
											3,797.26 *
AREIT 5 07/22/13	Semi Annual	2	5.000%	1,000,000.00	22-Oct-12 Mon	22-Jul-12 Sun	22-Jan-13 Tue	92	365	50,000.00	12,602.74
											12,602.74 *
ARTSP 4.3 11/30/18	Semi Annual	2	4.300%	1,000,000.00	8-Mar-16 Tue	30-Nov-15 Mon	30-May-16 Mon	99	365	43,000.00	11,663.01
											11,663.01 *

PI-Act/365 (Act)

Case 1 – Start and end in the same year

Bond	Frequency	A	B	C	D	E	F	G=D-E	H=365 or 366	I=C*B	J=I/H*G
			Coupon	Principal	VDate	Last Coupon Date	Next Coupon Date	Acc Days	Period Days	Period Income	Accrued Income
NWIDE FLOAT 07/07/17 Corp	Quarterly	4	0.78375%	1,000,000.00	1-Sep-15 Tue	17-Jul-15 Fri	19-Oct-15 Mon	46	365	7,837.50	987.74
											987.74 *
NWIDE FLOAT 07/07/17 Corp	Quarterly	4	0.72313%	1,000,000.00	1-Sep-16 Thu	18-Jul-16 Mon	17-Oct-16 Mon	45	366	7,231.30	889.09
											889.09 *

Case 2 – Start and end in different years

Bond	Frequency	A	B	C	D	E	F	G=F-E+1 (1st Yr) G=D-E (2nd Yr)	H=365 or 366 (Leap year)	I=C*B	J=I/H*G
			Coupon	Principal	VDate	Last Coupon Date	Next Coupon Date	Acc Days	Period Days	Period Income	Accrued Income
NWIDE FLOAT 07/07/17 Corp	Quarterly	4	0.77938%	1,000,000.00	12-Jan-16 Tue	19-Oct-15 Mon	31-Dec-15 Thu	74	365	7,793.80	1,580.11
			0.77938%	1,000,000.00	12-Jan-16 Tue	1-Jan-16 Fri	18-Jan-16 Mon	11	366	7,793.80	234.24
											1,814.35 *
NWIDE FLOAT 07/07/17 Corp	Quarterly	4	0.76025%	1,000,000.00	12-Jan-15 Mon	17-Oct-14	31-Dec-14	76	365	7,602.50	1,582.99
			0.76025%	1,000,000.00	12-Jan-15 Mon	1-Jan-15	19-Jan-15	11	365	7,602.50	229.12
											1,812.10 *

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If no PI computation method is selected, system computes the purchase interest based on the formula below:

Principal * Coupon% * Currency accrual method

Let's say the coupon schedule is as per below and bond transaction's VDate is 28 Apr 2016.

Type	End Date	VDate	Coupon	Coupon PPM
<u>Issued Principal</u>	21 Jun 2007	21 Jun 2007	6.625000	0.000000
<u>Periodic Repayment</u>	23 Jun 2008	23 Jun 2008	6.625000	66,708.230410
<u>Periodic Repayment</u>	23 Jun 2009	23 Jun 2009	6.625000	66,154.783290
<u>Periodic Repayment</u>	23 Jun 2010	23 Jun 2010	6.625000	66,250.000000
<u>Periodic Repayment</u>	23 Jun 2011	23 Jun 2011	6.625000	66,250.000000
<u>Periodic Repayment</u>	23 Jun 2012	25 Jun 2012	6.625000	66,345.216710
<u>Periodic Repayment</u>	23 Jun 2013	24 Jun 2013	6.625000	66,154.783290
<u>Periodic Repayment</u>	23 Jun 2014	23 Jun 2014	6.625000	66,250.000000
<u>Periodic Repayment</u>	23 Jun 2015	23 Jun 2015	6.625000	66,250.000000
<u>Periodic Repayment</u>	23 Jun 2016	23 Jun 2016	6.625000	66,345.216710
<u>Periodic Repayment</u>	23 Jun 2017	23 Jun 2017	6.625000	66,154.783290

Last coupon payment date = 23 Jun 2015

Next coupon payment date = 23 Jun 2016

Bond transaction's VDate = 28 Apr 2016

Please see below computation of purchase interest based on different currency accrual methods.

(i) Currency accrual method = Act/365 (fixed)

	A	B	C	D	E=D-C	F=365	G=A*B*E/F
<u>Bond</u>	<u>Principal</u>	<u>Coupon</u>	<u>Start Date</u>	<u>End Date</u>	<u>Acc Days</u>	<u>Period Days</u>	<u>Accrued Income</u>
Bond A	1,000,000.00	6.625%	23-Jun-15	28-Apr-16	310	365	56,267.12
							56,267.12 *

(ii) Currency accrual method = Act/365 (Act)

	A	B	C	D	E	F	G=A*B*E/F
<u>Bond</u>	<u>Principal</u>	<u>Coupon</u>	<u>Start Date</u>	<u>End Date</u>	<u>Acc Days</u>	<u>Period Days</u>	<u>Accrued Income</u>
Bond A	1,000,000.00	6.625%	23-Jun-15	31-Dec-15	192	365	34,849.32
Bond A	1,000,000.00	6.625%	1-Jan-16	28-Apr-16	118	366	21,359.29
							56,208.60 *

(iii) Currency accrual method = Act/360

	A	B	C	D	E=D-C	F=360	G=A*B*E/F	
Bond	Principal	Coupon	Start Date	End Date	Acc Days	Period Days	Accrued Income	
Bond A	1,000,000.00	6.625%	23-Jun-15	28-Apr-16	310	360	57,048.61	
							57,048.61	*

(iv) Currency accrual method = 30/360

	A	B	C	D	E=D-C (360 Days)	F=360	G=A*B*E/F	
Bond	Principal	Coupon	Start Date	End Date	Acc Days	Period Days	Accrued Income	
Bond A	1,000,000.00	6.625%	23-Jun-15	28-Apr-16	305	360	56,128.47	
							56,128.47	*

* The accrued income is rounded to currency decimal places. Currency decimal places is determined at the currency set up. See [Set Up Currency](#).

RELATED INFORMATION

[Create and Amend Investment](#)

[Set Up Security](#)

CHANGE HISTORY

Date	By	Changes
5-Apr-2010	CS	Created.
17-Mar-2016	TS	Reformatted and rewritten.
7-Jun-2016	Douglas	Proofread.
2-May-2017	TS	Rewritten.
9-May-2017	TS	Updated PI computation for blank.
12-Jun-2017	TS	Updated PI computation for Act/365 (Act).
15-Jun-2017	TS	Revised to add accrued income is rounded to currency decimal places.