

Synthèse CVA-DVA - Sensi FX-IR

29 Septembre 2017

Synthèse CVA - DVA

	CVA	DVA
TOTAL FX	-144,974	118,723
EURCZK	-2,264	-
EURGBP	-	-
EURUSD	-142,710	118,723
USDBRL	-	-
USDMXN	-	-

TOTAL IR	-	84,717.20
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Floor 0.50% embarqué dans un financement (Cf Rapport de Valorisation IR)

Markit Series 5Y	Start Date	Maturity Date	CDS premium	Default probability	Recovery	Years
24	21.09.2015	20.12.2020	154.000	7.46%	40%	5.00

Markit Series :	Start Date	Maturity Date	CDS premium	Default probability	Recovery
		20.12.2017			
23	20.03.2015	20.06.2018	102.59	0.82%	40%
24	21.09.2015	20.12.2018	128.66	2.10%	40%
25	21.03.2016	20.06.2019	130.59	3.20%	40%
26	20.09.2016	20.12.2019	138.94	4.53%	40%
27	20.03.2017	20.06.2020	141.14	5.74%	40%
28	20.09.2017	20.12.2020	168.17	8.11%	140%

	1Y	2Y	1Y	2Y	
BNP	10.74	13.11	0.18%	0.44%	40.00%
CA	8.16	9.54	0.13%	0.32%	40.00%
LCL	8.16	9.54	0.13%	0.32%	40.00%
CMCIC	3.80	8.74	0.06%	0.29%	40.00%
BECM	3.80	8.74	0.06%	0.29%	40.00%
CIC SO	3.80	8.74	0.06%	0.29%	40.00%
HSBC	7.44	10.56	0.12%	0.35%	40.00%
NATIXIS	11.46	15.17	0.19%	0.51%	40.00%
NOMURA	13.98	22.13	0.21%	0.68%	40.00%
WU	21.42	33.36	0.35%	1.10%	40.00%
SG	10.84	12.45	0.18%	0.41%	40.00%
DB	25.45	37.52	0.42%	1.24%	40.00%
GS	19.46	25.38	0.32%	0.84%	40.00%
BARCLAYS	22.72	26.99	0.37%	0.90%	40.00%

Variation FX +5%

Hedge Reference	Notional	Counternotional	Valuation			Valuation + 5 %			Variation + 5 %		
			EUR			EUR			EUR		
			Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value
2018	-24,000,000.00	636,672,000.00	915,631.93	915,631.93	0.00	-332,765.23	-332,765.23	-	-1,248,397.15	-1,248,397.15	-0.00
2019	-48,000,000.00	1,237,979,000.00	218,655.72	218,655.72	0.00	-2,156,766.57	-2,156,766.57	-	-2,375,422.29	-2,375,422.29	-0.00
EURCZK	-72,000,000.00	1,874,651,000.00	1,134,287.64	1,134,287.64	0.00	-2,489,531.80	-2,489,531.80	-	-3,623,819.44	-3,623,819.44	-0.00
2018	302,861,763.91	-350,000,000.00	16,086,151.22	13,264,449.22	2,821,702.00	30,116,148.79	24,736,517.70	5,379,631.09	14,029,997.57	11,472,068.48	2,557,929.09
2019	281,495,615.23	-324,000,000.00	20,943,883.81	19,797,270.53	1,146,613.28	32,459,455.83	31,751,670.57	707,785.26	11,515,572.02	11,954,400.04	-438,828.02
2020	217,898,765.78	-265,000,000.00	2,830,816.55	5,185,875.81	-2,355,059.26	9,531,398.64	10,886,648.49	-1,355,249.85	6,700,582.09	5,700,772.68	999,809.41
EURUSD	802,256,144.92	-939,000,000.00	39,860,851.58	38,247,595.56	1,613,256.02	72,107,003.26	67,374,836.76	4,732,166.50	32,246,151.68	29,127,241.20	3,118,910.48
			40,995,139.22	39,381,883.20	1,613,256.02	69,617,471.46	64,885,304.96	4,732,166.50	28,622,332.24	25,503,421.75	3,118,910.48

Variation FX -5%

Hedge Reference	Notional	Counternotional	Valuation			Valuation - 5 %			Variation - 5 %		
			EUR			EUR			EUR		
			Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value	Fair Value	Intrinsic Value	Time Value
2018	-24,000,000.00	636,672,000.00	915,631.93	915,631.93	0.00	2,145,411.36	2,145,411.36	-	1,229,779.44	1,229,779.44	-0.00
2019	-48,000,000.00	1,237,979,000.00	218,655.72	218,655.72	0.00	2,573,488.41	2,573,488.41	-	2,354,832.69	2,354,832.69	-0.00
EURCZK	-72,000,000.00	1,874,651,000.00	1,134,287.64	1,134,287.64	0.00	4,718,899.77	4,718,899.77	-	3,584,612.13	3,584,612.13	-0.00
2018	302,861,763.91	-350,000,000.00	16,086,151.22	13,264,449.22	2,821,702.00	3,881,088.31	1,442,166.99	2,438,921.32	-12,205,062.91	-11,822,282.23	-382,780.68
2019	281,495,615.23	-324,000,000.00	20,943,883.81	19,797,270.53	1,146,613.28	8,266,464.71	7,632,660.58	633,804.13	-12,677,419.10	-12,164,609.96	-512,809.15
2020	217,898,765.78	-265,000,000.00	2,830,816.55	5,185,875.81	-2,355,059.26	-5,278,238.14	-1,166,450.68	-4,111,787.46	-8,109,054.69	-6,352,326.49	-1,756,728.20
EURUSD	802,256,144.92	-939,000,000.00	39,860,851.58	38,247,595.56	1,613,256.02	6,869,314.88	7,908,376.88	-1,039,062.01	-32,991,536.70	-30,339,218.68	-2,652,318.02
			40,995,139.22	39,381,883.20	1,613,256.02	11,588,214.65	12,627,276.65	-1,039,062.01	-29,406,924.58	-26,754,606.55	-2,652,318.02

Variation IR -100bp / +100bp

Strategy ID	Trade ID	Counterparty	Trade	Effective	Maturity	Trade Type	Strike	Index	Initial Notional	Outstanding Notional	Valuation							
											EUR							
											Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests			
6-D	16	Pool	17-Sep-15	17-Sep-15	30-Sep-20	SELL Floor	0.5000%	Euribor3m	EUR	97,784,572.18	EUR	-104,559,625.72	1.81%	-1,892,698.84	-1,770,602.75	-122,096.08	-1,890,288.96	-2,409.88
											-104,559,625.72		-1,892,698.84	-1,770,602.75	-122,096.08	-1,890,288.96	-2,409.88	
TOTAL											-104,559,625.72		-1,892,698.84	-1,770,602.75	-122,096.08	-1,890,288.96	-2,409.88	

Valuation +100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
0.26%	-272,158.90	-219,298.94	-52,859.97	-269,749.03	-2,409.88
	-272,158.90	-219,298.94	-52,859.97	-269,749.03	-2,409.88
	-272,158.90	-219,298.94	-52,859.97	-269,749.03	-2,409.88

Variation +100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
1,620,539.93	1,551,303.81	69,236.12	1,620,539.93	-	
1,620,539.93	1,551,303.81	69,236.12	1,620,539.93	-	
1,620,539.93	1,551,303.81	69,236.12	1,620,539.93	-	

Valuation -100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
4.26%	-4,459,041.90	-4,455,906.00	-3,135.90	-4,456,632.02	-2,409.88
	-4,459,041.90	-4,455,906.00	-3,135.90	-4,456,632.02	-2,409.88
	-4,459,041.90	-4,455,906.00	-3,135.90	-4,456,632.02	-2,409.88

Variation -100bp					
EUR					
Fair Value *	Intrinsic Value	Time Value	Fair Value **	Accrued Interests	
-2,566,343.07	-2,685,303.25	118,960.18	-2,566,343.07	-	
-2,566,343.07	-2,685,303.25	118,960.18	-2,566,343.07	-	
-2,566,343.07	-2,685,303.25	118,960.18	-2,566,343.07	-	

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Immatriculé au Registre Unique des Intermédiaire en Assurance, Banque et Finance (ORIAS) sous le n°13000716 au titre des activités de **Conseiller en Investissements Financiers**, enregistré auprès de l'Association Nationale des Conseils Financiers-CIF, association agréée par l'Autorité des Marchés Financiers .

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