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Reuters pages: BREX, BREY, BRET

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#### Comment on the upcoming data and forecasts

Current account balance will be released on Monday. The data will be strongly influenced by the EU transfers and seasonal anomalies in the trade account (we expect a modest surplus). Probably the most important event is the flash GDP estimate (to be released on Wednesday). We expect the growth rate in Q2 to be slightly higher than in Q1. The positive contribution of well performing manufacturing production will be offset by a continued slowdown in construction. CPI (also released on Wednesday) is expected to rebound strongly, partly due to one-offs (hike in waste disposal fees, decrease in costs of electrical energy and roaming). Furthermore M3 growth rate data is also to be released next week we expect the trend on money supply growth rates to stabilize.

### Polish data to watch: August 12th to August 16th

Publication	Date	Period	BRE	Consensus	Prior
Current account (mln EUR)	12.08	Jun	-67	225	574
Exports (mln EUR)	12.08	Jun	12740	12770	12385
Imports (mln EUR)	12.08	Jun	12600	12521	12272
GDP q/q preliminary (%)	14.08	q2	0.7	0.8	0.5
CPI y/y (%)	14.08	Jul	0.7	0.5	0.2
M3 y/y (%)	14.08	Jul	7.2	7.1	7.1

#### Treasury bonds and bills auctions

Paper	Next auction	Last Offer	Last yield (%)	Prev auction
52 Week T-bills	-	3000	3.485	3/4/2013
2Y T-bond OK0715	-	3000	2.961	8/7/2013
5Y T-bond PS0718	-	4500	3.303	6/6/2013
10Y T-bond DS1023	-	3000	3.290	5/16/2013
20Y T-bond WS0429	-	150	3.464	5/16/2013

### Reality vs analysts' expectations (surprise index\* for Poland)



#### Comment

Polish surprise index unchanged - there were no data releases this week. CPI release next week offers the best chance for surprises - the number of one-offs this time makes the figure very difficult to forecast. The index is clearly forming an upward trend, though.

<sup>\*</sup> Surprise index presents in a synthetic way how the market was surprised by macroeconomic releases (it is constructed on daily basis as weighted average of differences between selected releases and Bloomberg forecast consensus).



### Our view in a nutshell

#### **Fundamentals**

- Available data confirm economy hit the bottom in Q1, recovery is in the pipeline.
- The upswing will be primarily driven by a rebound in real income and recovering private consumption. Low rates trigger rotation in households assets towards overnight deposits. Given the scale of slack in investment (infrastructure in particular) and consumption, rebound generated this way may be initially moderate (no more than 2% y/y growth rate in Q4 2013), albeit higher than current market consensus dominated by rather gloomy visions. Better business activity in the euro zone is going to strenghten the upswing trajectory, but we do not believe it is crucial for recovery to come at all
- Polish government committed to the convergence path, though in a very unorthodox and elastic way. As the European
  Commission gave the government two additional years to bring the GG deficit down to 3%, budget amendement is
  coming at PLN +16 bn to deficit. This along with the political business cycle opens room for fiscal stimulation. Formal
  acceptance of the EC (and overal trend of consolidation's fatigue) suggests the market should digest this information
  easily.
- We witnessed the steepest disinflation phase in Polish history. 0.2% inflation growth was the lowest in the cycle. From July on prices are set to slowly accelerate. Core inflation is going to stay rather subdued, though.
- Despite low inflation, there is no support for further easing within the MPC, the more so since the momentum in the real economy improved. July rate cut marked the end of the easing cycle. We expect first rate hikes to materialize in late 2014 and think that NBP projections of both GDP and inflation for 2014 are be too pessimistic.

#### **Financial markets**

- Better string of data is able to generate positive momentum on rate hike expectations. We still note that NBP may also
  use unconventional tools to boost banks' demand for government papers (we believe in such scenario even more after
  most recent outflow of foreign funds from bond market and FX intervention).
- Longer end is not a safe bet. Nothwistanding the local factors, global recovery (or monetary stimulus and liquidity withdrawal) and rising core yields will adversely affect Polish bonds. Fed-induced higher volatility has already been doing its job, especially on the long end.
- The "wall of money" obscured the cyclicality of the Polish currency. This fact was revealed when expectations on QE tapering accelerated and the zloty dynamically breached 4.22/25 and broke out of the 1 year range. We expect a return below 4.20 when the economy accelerates visibly (long into H2) or/and rate hike expectations gain momentum (a turn of 2013/2014). At the moment QE tapering game is going to support the weakness of the zloty.

#### **BRE forecasts**

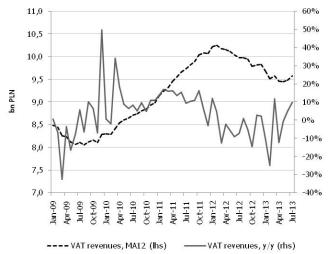
		200	8	2009	2010	2011	2012	2013 F
GDP y/y (%)	5.1		1.6	3.9	4.5	1.9	1.1	
CPI Inflation y/y (average %)		4.3		3.5	2.8	4.2	3.7	0.8
Current account (%GDP)		-5.3		-1.6	-4.5	-4.9	-3.5	-1.9
Unemployment rate (end of period %)		9.5		12.1	12.4	12.5	13.4	13.7
Repo rate (end of period %)		5.00	)	3.50	3.50	4.50	4.25	2.50
	2012	2012	2012	2012	2013	2013	2013	2013
	Q1	Q2	Q3	Q4	Q1	Q2 F	Q3 F	Q4 F
GDP y/y (%)	3.5	2.3	1.3	0.7	0.5	0.7	1.3	2.0
Individual consumption y/y (%)	1.7	1.3	0.2	-0.2	0.0	0.7	1.6	1.9
Public Consumption y/y (%)	-1.0	0.4	1.6	-0.6	-0.5	-0.5	0.2	0.2
Investment y/y (%)	6.8	1.4	-1.7	-4.1	-2.0	-3.5	-2.0	-1.2
Inflation rate (% average)	3.9	4.0	3.9	2.9	1.3	0.5	0.3	0.9
Unemployment rate (% eop)	13.3	12.4	12.4	13.4	14.3	13.2	13.3	13.7
NBP repo rate (% eop)	4.50	4.75	4.75	4.25	3.25	2.75	2.50	2.50
Wibor 3M (% eop)	4.94	5.13	4.92	4.11	3.39	2.73	2.70	2.70
2Y Polish bond yields (% eop)	4.62	4.60	4.05	3.14	3.19	3.07	2.85	2.90
10Y Polish bond yields (% eop)	5.50	5.15	4.69	3.74	3.94	4.34	4.00	4.40
EUR/PLN (eop)	4.15	4.22	4.12	4.08	4.18	4.33	4.20	4.10
USD/PLN (eop)	3.11	3.35	3.20	3.09	3.26	3.32	3.36	3.36
F - forecast							·	·



## **Economics**

# Preliminary budget figures indicate rebound in economic activity

According to comments from various high-ranking MinFin officials, budget deficit barely changed after July and remained on schedule. Keeping up with the ambitious schedule in the face of a severe downturn is indicative of unconventional measures - NBP's profit (more than 5 bn PLN) is traditionally a "surprise" (a very small amount is always assumed) and the state pension fund's (FUS) deficit is financed with a loan instead of a subsidy. Nevertheless, the yawning shortfall in tax revenues has already forced the government to amend the budget - the amendment is expected to be unveiled later this month.



Beyond the often uninformative aggregates we like to look at VAT expenditures, as these (despite the lag) are closely related to (nominal) domestic demand. As MF reported, VAT revenues have increased by 10% y/y in July which marks a continuation of recent uptrend. The turnaround is visible regardless of the choice of indicators, as seen on the graph above. Furthermore, the solid increases in VAT revenues might actually lead to an upside surprise in budget performance in the latter half of the year. While the amendment is needed either way, a stronger-than-expected rebound in indirect taxes could change the mix of measures the government is deploying in the amendment (2/3 - increase in deficit, 1/3 - expenditure cuts), possibly completely reducing the need to cut expenditures.

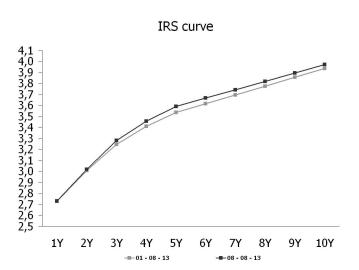


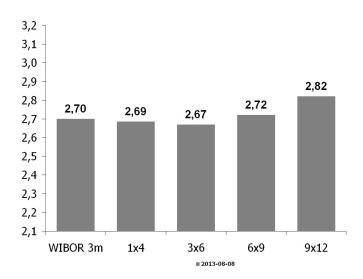
# **Fixed income**

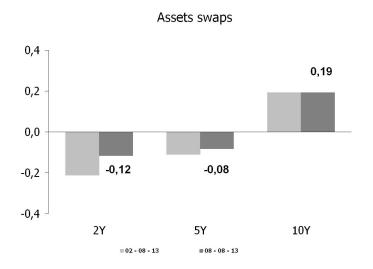
## Waiting for a trend

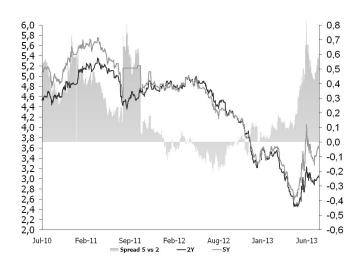
Last week the rollercoaster on PLN rates persisted. The correlation between upward and downward moves on the domestic yield curve and the core markets remained substantially high.

We could observe some paying interest in 2y5y spread (which went up by 10-12bp from 47 to 59) that was supposed to be driven by the clients' inflows. What was interesting and most awkward to us, was that the short end of the yield curve still traded below the WIBOR rates and that the market still underestimated the scale and the pace of the domestic economy recovery. We expect that the next 2 weeks will bring a crucial reversal in macro data (the bottom readings seem to be behind us) that might show we could face a really strong signal for higher inflation, better industrial output and retail sales resulting in growing expectations that the next tightening cycle could be closer than anyone expected. As we look at the yield curve, we believe all forward rates over 9 months are completely mispriced and worth paying before the figures.







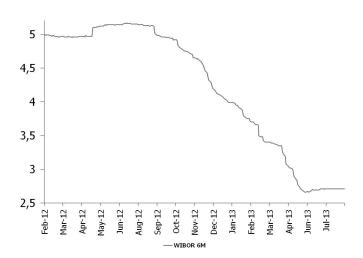


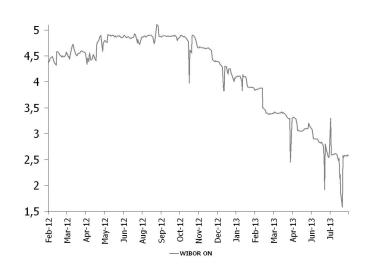


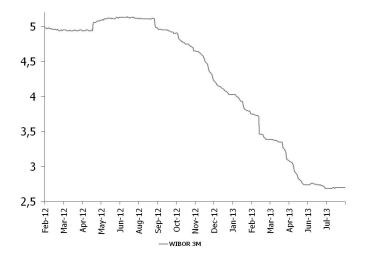
# Money market

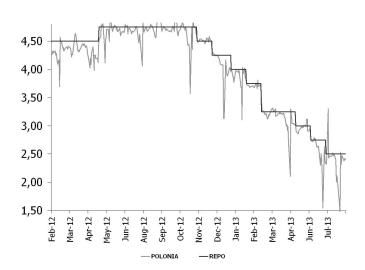
**Holiday mood rules** Nothing much really for short rates. Full holiday mood that is going to be strongly supported by next week's public holiday, hence longer weekend for many.

Today's OMO squared the market. Rates up to 2 years stuck waiting for data. Still opportunity to buy some FRAs below or near the current WIBOR rates which might be a good idea. We especially like December contracts, since historically WIBOR was growing at the end of the year. Once it grows it will not slip down again and that is for sure.







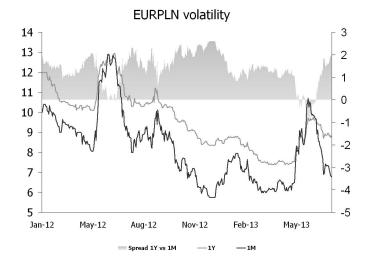




## **Forex**

**4,2000 support broken** Seems like NFP did the trick. After the good but not exceptionally good NFP number, the USD was back on defense. Losses on USD/PLN translated into EUR/PLN, finally breaking the 4.20 (unbreakable support) with a splash. The big question is how come could USD run out of steam with such a big percentage of market participants believing in tapering of QE this year? Technically, after breaking 4.20, EUR/PLN has no real obstacle till 4.15/4.16 support zone.

Front of the curve lower The option market's assumption seems to be that we have to wait till the next NFP and FOMC to get excited again. As a consequence, frontend vol/Gamma was heavily offered on the market. 1 month EUR/PLN ATM mid is fixing 6.8% (0,5 pp. lower then the last week), 3 months are 0.2 pp. lower to 7.4% and 1year is merely 0.1 pp. lower to 8.9%. We have seen healthy demand for USD/PLN vol, especially 2 month and 3 months. Skew is unchanged from the last week.



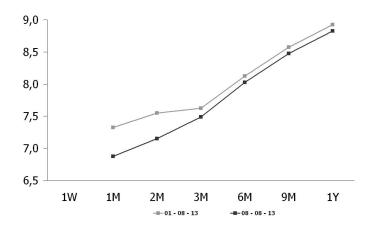
## **Short-term forecasts**

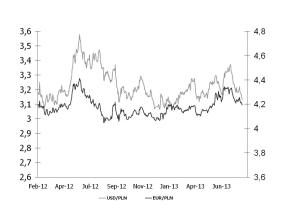
Main supports / resistances: EUR/PLN: 4.1500 / 4.26 USD/PLN: 3.0500 / 3.3000

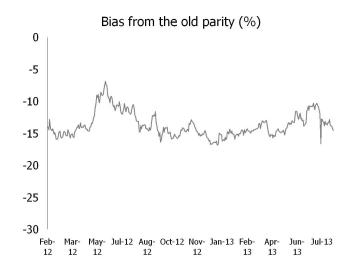
**Sidelined** Last week long from 4.2060, stopped in profit at 4.2250. Now we are sidelined, the picture is too blurred. Technically we may attempt to sell 4.1980/4.2030 with stop above 4.22 and hopes for 4.1600, but with no real conviction.

**Derivatives** The break of 4.20 support in EUR/PLN made us more cautious about being long EURPLN vol. We have squared the same of the frontend vol. We still tactically long backend of the curve. The correlation between spot and the level of vols is really strong in EUR/PLN. Because of that we can expect higher vol, only in tandem with weaker PLN. We don't see that happening in a short period of time.

#### EUR/PLN volatility curve









# Market prices update

Date	Money mark	ket rates (mid	close)						FRA rates	(mid cl	ose)		
8/5/2013   2.36	Date	FXSW 3M	WIBOR 3M	FXSW 6M	WIBOR 6M	FXSW 1Y	WIBOR 1Y	1x4	3x6	6x9	9x12	12x15	6x12
8/6/2013   2.37   2.70   2.52   2.61   2.73   2.64   2.69   2.69   2.69   2.73   2.84   3.01   2.82													
8/7/2013   2.37   2.70   2.51   2.61   2.73   2.64   2.66   2.67   2.73   2.84   3.01   2.82													
8/8/2013   2.36   2.70   2.49   2.61   2.68   2.64   2.69   2.67   2.72   2.82   2.98   2.83													
Paper   Au. date   Maturity   Avg. price   Avg. yield   Supply   Demand   Sold													
52W TB         5/30/2011         5/30/2012         95.57         4.58         600         2667         505           OK0114         8/10/2011         1/25/2013         89.58         4.58         5000         4934         1889           PS1016         10/19/2011         10/25/2021         99.53         5.80         3000         5608         3000           Fixed income market rates (closing mid-market levels)           Date         1Y WIBOR         1Y T-bill         2Y IRS         OK0113         5Y IRS         PS0416         10Y IRS         DS1019           8/2/2013         6.590         3.353         3.292         3.275         3.420         3.351         3.630         3.873           8/5/2013         2.640         3.114         3.263         3.148         3.370         3.275         3.755           8/6/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           8/7/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           EUR/PLN O-delta stradie         25-delta RR         25-delta RR         25-delta FLY				21.10	2.0.	2.00		2.00	2.0.		2.02	2.00	2.00
OK0114         8/10/2011         1/25/2013         89.58         4.58         5000         4934         1889           PS1016         10/19/2011         10/25/2016         98.44         5.11         3600         11200         3638           DS1021         7/21/2011         10/25/2021         99.53         5.80         3000         5608         3000           Fixed income market rates (closing mid-market levels)           Date         1Y WIBOR         1Y T-bill         2Y IRS         OK0113         5Y IRS         PS0416         10Y IRS         DS1019           8/2/2013         6.590         3.353         3.292         3.275         3.420         3.351         3.630         3.873           8/5/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           8/6/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           8/8/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           8/8/2013         6.80         7.48         8.00         8.81         8.81         2.	Paper	Au. date	Maturity	Avg. price	Avg. yield	Supply	Demand	Sold					
PS1016	52W TB	5/30/2011	5/30/2012	95.57	4.58	600	2667	505					
PS1016	OK0114	8/10/2011	1/25/2013	89.58	4.58	5000	4934	1889					
DS1021   7/21/2011   10/25/2021   99.53   5.80   3000   5608   3000	PS1016	10/19/2011	10/25/2016	98.44		3600	11200	3638					
Date         1Y WIBOR         1Y T-bill         2Y IRS         OK0113         5Y IRS         PS0416         10Y IRS         DS1019           8/2/2013         6.590         3.353         3.292         3.275         3.420         3.351         3.630         3.873           8/5/2013         2.640         3.114         3.263         3.148         3.370         3.270         3.575         3.755           8/6/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           8/8/2013         2.640         2.992         3.218         3.137         3.325         3.237         3.525         3.759           EUR/PLN 0-delta stradle         25-delta RR         25-delta FLY           Date         1M         3M         6M         1Y         1M         1Y         1Y           8/2/2013         7.09         7.51         8.00         8.81         8.81         2.61         0.73           8/6/2013         6.83         7.41         7.94         8.75         8.75         2.67         0.77           8/7/2013         6.89         7.49         8.03         8.83         8.83 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
8/2/2013       6.590       3.353       3.292       3.275       3.420       3.351       3.630       3.873         8/5/2013       2.640       3.114       3.263       3.148       3.370       3.270       3.575       3.755         8/6/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         8/8/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         EUR/PLN 0-delta stradle       25-delta RR       25-delta FLY         Date       1M       3M       6M       1Y       1M       1Y       1Y         8/5/2013       7.09       7.51       8.00       8.81       8.81       2.61       0.73         8/6/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDP	Fixed incon	ne market rate	s (closing mid	-market levels	s)								
8/5/2013       2.640       3.114       3.263       3.148       3.370       3.270       3.575       3.755         8/6/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         8/8/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         EUR/PLN 0-delta stradle       25-delta RR       25-delta FLY         Date       1M       3M       6M       1Y       1M       1Y       1Y         8/2/2013       7.09       7.51       8.00       8.81       8.81       2.61       0.73         8/6/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/5/2013       4.2558       3.2201       3.4350       3.2226 <t< td=""><td>Date</td><td>1Y WIBOR</td><td>1Y T-bill</td><td>2Y IRS</td><td>OK0113</td><td>5Y IRS</td><td>PS0416</td><td>10Y IRS</td><td>DS1019</td><td></td><td></td><td></td><td></td></t<>	Date	1Y WIBOR	1Y T-bill	2Y IRS	OK0113	5Y IRS	PS0416	10Y IRS	DS1019				
8/6/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         8/7/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         EUR/PLN 0-delta stradle       25-delta RR       25-delta FLY         Date       1M       3M       6M       1Y       1M       1Y       1Y         8/2/2013       7.09       7.51       8.00       8.81       8.81       2.61       0.73         8/5/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/6/2013       6.83       7.41       7.94       8.75       8.75       2.67       0.77         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/5/2013       4.2211       3.1771       3.4221       3.2279	8/2/2013	6.590	3.353	3.292	3.275	3.420	3.351	3.630	3.873				
8/7/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         EUR/PLN 0-delta stradle       25-delta RR       25-delta FLY         Date 1M 3M 6M 1Y       1M 1Y 1Y 1Y         8/2/2013       7.09 7.51       8.00 8.81       8.81 2.61       0.73         8/5/2013       6.96 7.48 8.03 8.85       8.85 2.61       0.73         8/6/2013       6.83 7.41 7.94 8.75       8.75 2.67       0.77         8/7/2013       6.79 7.38 7.98 8.83       8.83 2.61       0.69         8/8/2013       6.88 7.49 8.03 8.83       8.83 2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558 3.2201       3.4350       3.2328 1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279 1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	8/5/2013	2.640	3.114	3.263	3.148	3.370	3.270	3.575	3.755				
8/8/2013       2.640       2.992       3.218       3.137       3.325       3.237       3.525       3.759         EUR/PLN 0-delta stradle       25-delta RR       25-delta RLY         Date       1M       3M       6M       1Y       1M       1Y       1Y         8/2/2013       7.09       7.51       8.00       8.81       8.81       2.61       0.73         8/5/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/6/2013       6.83       7.41       7.94       8.75       8.75       2.67       0.77         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630	8/6/2013	2.640	2.992	3.218	3.137	3.325	3.237	3.525	3.759				
EUR/PLN 0-delta stradle         25-delta RR         25-delta FLY           Date         1M         3M         6M         1Y         1M         1Y         1Y           8/2/2013         7.09         7.51         8.00         8.81         8.81         2.61         0.73           8/5/2013         6.96         7.48         8.03         8.85         2.61         0.73           8/6/2013         6.83         7.41         7.94         8.75         8.75         2.67         0.77           8/7/2013         6.79         7.38         7.98         8.83         8.83         2.61         0.69           8/8/2013         6.88         7.49         8.03         8.83         8.83         2.65         0.77           PLN Spot performance           Date         EURPLN         USDPLN         CHFPLN         JPYPLN         HUFPLN         CZKPLN           8/2/2013         4.2558         3.2201         3.4350         3.2328         1.4172         0.1637           8/5/2013         4.2211         3.1771         3.4221         3.2279         1.4132         0.1630           8/6/2013         4.2107         3.1744         3.4196 </td <td>8/7/2013</td> <td>2.640</td> <td>2.992</td> <td>3.218</td> <td>3.137</td> <td>3.325</td> <td>3.237</td> <td>3.525</td> <td>3.759</td> <td></td> <td></td> <td></td> <td></td>	8/7/2013	2.640	2.992	3.218	3.137	3.325	3.237	3.525	3.759				
Date         1M         3M         6M         1Y         1M         1Y         1Y           8/2/2013         7.09         7.51         8.00         8.81         8.81         2.61         0.73           8/5/2013         6.96         7.48         8.03         8.85         2.61         0.73           8/6/2013         6.83         7.41         7.94         8.75         8.75         2.67         0.77           8/7/2013         6.79         7.38         7.98         8.83         8.83         2.61         0.69           8/8/2013         6.88         7.49         8.03         8.83         2.65         0.77           PLN Spot performance           Date         EURPLN         USDPLN         CHFPLN         JPYPLN         HUFPLN         CZKPLN           8/2/2013         4.2558         3.2201         3.4350         3.2328         1.4172         0.1637           8/5/2013         4.2211         3.1771         3.4221         3.2279         1.4132         0.1630           8/6/2013         4.2107         3.1744         3.4196         3.2256         1.4084         0.1624	8/8/2013	2.640	2.992	3.218	3.137	3.325	3.237	3.525	3.759				
8/2/2013       7.09       7.51       8.00       8.81       8.81       2.61       0.73         8/5/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/6/2013       6.83       7.41       7.94       8.75       8.75       2.67       0.77         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	EUR/PLN 0-	delta stradle					25-delta RR			25-del	ta FLY		
8/5/2013       6.96       7.48       8.03       8.85       8.85       2.61       0.73         8/6/2013       6.83       7.41       7.94       8.75       8.75       2.67       0.77         8/7/2013       6.79       7.38       7.98       8.83       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	Date	1M	3M	6M	1Y		1M	1Y		1Y			
8/6/2013       6.83       7.41       7.94       8.75       2.67       0.77         8/7/2013       6.79       7.38       7.98       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	8/2/2013	7.09	7.51	8.00	8.81		8.81	2.61		0.73			
8/7/2013       6.79       7.38       7.98       8.83       2.61       0.69         8/8/2013       6.88       7.49       8.03       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	8/5/2013	6.96	7.48	8.03	8.85		8.85	2.61		0.73			
8/8/2013       6.88       7.49       8.03       8.83       8.83       2.65       0.77         PLN Spot performance         Date       EURPLN       USDPLN       CHFPLN       JPYPLN       HUFPLN       CZKPLN         8/2/2013       4.2558       3.2201       3.4350       3.2328       1.4172       0.1637         8/5/2013       4.2211       3.1771       3.4221       3.2279       1.4132       0.1630         8/6/2013       4.2107       3.1744       3.4196       3.2256       1.4084       0.1624	8/6/2013	6.83	7.41	7.94	8.75		8.75	2.67		0.77			
PLN Spot performance           Date         EURPLN         USDPLN         CHFPLN         JPYPLN         HUFPLN         CZKPLN           8/2/2013         4.2558         3.2201         3.4350         3.2328         1.4172         0.1637           8/5/2013         4.2211         3.1771         3.4221         3.2279         1.4132         0.1630           8/6/2013         4.2107         3.1744         3.4196         3.2256         1.4084         0.1624	8/7/2013	6.79	7.38	7.98	8.83		8.83	2.61		0.69			
Date         EURPLN         USDPLN         CHFPLN         JPYPLN         HUFPLN         CZKPLN           8/2/2013         4.2558         3.2201         3.4350         3.2328         1.4172         0.1637           8/5/2013         4.2211         3.1771         3.4221         3.2279         1.4132         0.1630           8/6/2013         4.2107         3.1744         3.4196         3.2256         1.4084         0.1624	8/8/2013	6.88	7.49	8.03	8.83		8.83	2.65		0.77			
8/2/2013     4.2558     3.2201     3.4350     3.2328     1.4172     0.1637       8/5/2013     4.2211     3.1771     3.4221     3.2279     1.4132     0.1630       8/6/2013     4.2107     3.1744     3.4196     3.2256     1.4084     0.1624	PLN Spot p	erformance											
8/5/2013     4.2211     3.1771     3.4221     3.2279     1.4132     0.1630       8/6/2013     4.2107     3.1744     3.4196     3.2256     1.4084     0.1624	Date	EURPLN	USDPLN	CHFPLN	JPYPLN	HUFPLN	CZKPLN						
8/6/2013 4.2107 3.1744 3.4196 3.2256 1.4084 0.1624	8/2/2013	4.2558	3.2201	3.4350	3.2328	1.4172	0.1637						
	8/5/2013	4.2211	3.1771	3.4221	3.2279	1.4132	0.1630						
8/7/2013 4 2153 3 1725 3 4208 3 2693 1 4061 0 1622	8/6/2013	4.2107	3.1744	3.4196	3.2256	1.4084	0.1624						
0///E010 7.2100 0.1720 0.4200 0.2000 1.4001 0.1022	8/7/2013	4.2153	3.1725	3.4208	3.2693	1.4061	0.1622						
8/8/2013 4.2045 3.1503 3.4176 3.2707 1.4066 0.1624	8/8/2013	4.2045	3.1503	3.4176	3.2707	1.4066	0.1624						

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