MEMORANDUM

TO: Public File

FROM: Karen Osterloh, Special Counsel

DATE: October 25, 2006

RE: Basel II NPR

Meeting Summary – ABN AMRO and IIB

Attendees

On October 3, 2006, the following individuals representing ABN AMRO, IIB, OTS, OCC, and FRB participated in a conference call discussing the implementation of the Basel II Accord (Accord) in the United States:

ABN AMRO	Paul Widuch Shahzad Kazi Alexander Reeders	<u>OTS</u>	Grovetta Gardineer Kevin Anderson Karen Osterloh
<u>IIB</u>	Lawrence Uhlick Richard Coffman Ken Bachman	<u>OCC</u>	Tommy Snow Amrit Sekhon Roger Tufts Carl Kaminsky Barbara Sims Claudia Parker
		FRB	Anna Lee Hewko Paul Sternhagen

Summary of Discussion

IIB and ABN AMRO discussed the following issues related to the United States' implementation of the Accord in the Basel II NPR published on September 25, 2006, and the European Union's implementation of the Accord in its Capital Requirements Directive (CRD):

Definition of default.

Commenters noted that the EU and US definitions of default are significantly different. For example, the US considers a wholesale obligor to be in default if any wholesale exposure has been placed in a non-accrual status consistent with the Call Report or Thrift Financial Report Instructions. By contrast, the EU considers a wholesale obligor to be in default when the bank makes a determination that the borrower is unlikely to pay its credit obligations to the credit institution in full without recourse by the credit institution to actions such as realizing collateral.

As a result, commenters observed that estimates of risk parameters used to generate the risk-based capital requirements are likely to differ under the Basel II NPR and the CRD. Specifically, estimates of the probability of default (PD) under the CRD are likely to be higher than estimates of PD under the Basel II NPR, and estimates of loss given default (LGD) under the CRD are likely to be lower than estimates of LGD under the Basel II NPR.

Commenters also noted that the different definitions will make the capital computations more complex and will raise serious compliance issues for banks operating in both the EU and US. Commenters observed that these banks will have to build, validate and maintain two separate models for estimating LGD and PD, and will have to add significant complexity to data warehouses and capital calculation processes and tools. Commenters also expressed concern that banks operating in the EU and US would have difficulty complying with the "use test" in the NPR and the CRD, since it would be hard to demonstrate that a bank uses two fundamentally different systems simultaneously.

The participants addressed whether the two definitions of default could be reconciled. The participants explored whether the Basel II NPR definition was sufficiently flexible to permit a bank to interpret non-accrual status to include a determination that a borrower is unlikely to pay. Commenters noted that this was one way to eliminate the compliance issue. However, they noted that the LGDs would be lower under this definition. Because LGD is the biggest driver of the capital requirement, and expressed some concern that bank supervisors would accuse them of lowering the LGDs if they used this approach. They also noted, however, that such an interpretation would cause their non-accruals in the US to increase significantly, and that they would have to educate the markets and analysts regarding this change.

Under the Basel II NPR, a wholesale obligor is also in default if, for any wholesale exposure of the institution to the obligor, the institution has incurred a credit-related loss of 5 percent or more of a wholesale exposure's initial carrying value in connection with the sale of the exposure. The agencies asked whether this 5 percent standard was appropriate. ABN AMRO explained that they have not taken a view specifically on the proposed standard, but indicated a preference for some type of "bright line" test for when a "material credit related loss" has occurred. IIB noted that some of their institutions have suggested that the 5 percent standard is too low.

Participants also discussed the differences between the retail definition of default under the Basel II NPR and the CRD. Under the Basel II NPR, for example, a retail exposure is in default if it is 120 days past due (180 days for a residential mortgage exposure). By contrast, the CRD states that an obligor is in default if the obligor is 90 days past due or the bank determines that the obligor is unlikely to pay. Commenters suggested that the practical differences between the definitions could be reduced if the US redefined retail default to also include exposures that are placed in a non-accrual status.

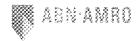
LGD

If an institution cannot estimate LGD under economic downturn conditions, the Basel II NPR imposes an effective 8 percent floor on LGD. Commenters recognized the need for an

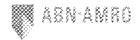
alternative standard where data reflecting economic downturn conditions is unavailable. However, they suggested that the proposed floor was difficult to justify for certain exposures and that they preferred the EU approach which permits an institution to build in a margin of conservatism into LGD estimates where there is no economic downturn data. The agencies responded that the Basel II NPR was intended to provide a simple measure where data was unavailable, but that an institution could still demonstrate that their LGD estimates reliably and sufficiently reflect losses under economic downturn conditions. The agencies indicated that they would issue guidance on how an institution may satisfy this standard.

Other issues.

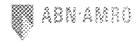
ABN AMRO developed a chart indicating other areas where the EU and US have implemented the Accord differently. This chart is attached to this comment summary. ABN AMRO indicated that the third column of this chart indicates the significance of the impact to their implementation efforts.



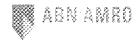
General	Definition of default	ANNEY VII Dont 4. (44) A 'default' chall	(1) Potoji (i) A retoji ovnesure je je defevit	High . Under US definition, expected are lower
General	Deminion of default	be considered to have occurred with regard	1 · · · · · · · · · · · · · · · · · · ·	PDs, higher LGDs, and a higher presumed impact
***		‡	1	•
data de la companya d	# # # # # # # # # # # # # # # # # # #	· ·	1	of pre-default forced reimbursement. In case banks
		the two following events has taken place:	,	must use for host supervisory purposes another definition than used for consolidated group and
		(A) The cradit institution considers that the		internal purposes, compliance with the one obligor,
		\$		one rating requirement and with internal and
		· · · · · · · · · · · · · · · · · · ·	1 · · · · · · · · · · · · · · · · · · ·	syndicated cross default provisions will occur. In
			l · · ·	addition, there will be issues in the area of cross
		in full, without recourse by the credit	!	border rating validation, use test, mapping to
***************************************		linstitution to actions such as realising	1 ·	external ratings and, for some banks, in the setting
4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-		security (if held).	(2) Wholesale. (i) A bank's obligor is in	
		security (if nota).	default if, for any wholesale exposure of	
-		(B) The obligor is past due more than 90	[-	
		days on any material credit obligation to the	-	
		credit institution, the parent undertaking or	t ' '	•
		any of its subsidiaries. Exemptions to the 90	1 ·	•
		days are possible for certain types of	1	
		1	(B) Taken a full or partial charge-off or	
			write-down on the exposure due to the	(
			distressed financial condition of the	
		-	obligor; or	
	H-WARRANGE AND A STATE AND A S		(C) Incurred a credit-related loss of 5	
			percent or more of the exposure's initial	i i
			carrying value in connection with the sale	
			of the exposure or the transfer of the	



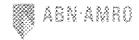
General	Supervisory mapping function	Not replicated, but insistence on stressed/downturn LGDs	ELGD estimates (downturn), an imposed supervisory mapping function must be used	Expected that the effect of the mapping function on capital requirements will be minimal after Pillar 2 in non-US banks. Especially for daily revalued, but not daily re-margined financial collateral, this function is rather conservative for back to back facilities, this is overly conservative as cash collateral is not impacted by downturn conditions. Banks may have negative correlation between PDs and LGD
General	Prompt Corrective Action-leverage ratio	Not replicated, but de facto in some EU member states bilateral agreements leading to equivalent requirements		Further research required
General	Scope of Application	Includes investment banks	Investment banks fall under SEC rules; unclear whether those will be a carbon copy of NPR]
General	Treatment of immaterial portfolios	Application of the standardised approach	Application of a 100% risk weight	In conformity with QIS3 and 5 outcomes this leads to a considerable difference in favour of US banks
General	Treatment of SME	Group turnover < EUR 50 mln, correlation adjusted in RWA formula		Potentially high depending on a bank's portfolio composition



General	Defaulted assets	original LGD or Elbe, i.e. the best estimate	defaulted assets effectively ensuring tha	Besides the fact that compared to the CRD this calculation applies to a different group of assets given the divergence in the definition of default, two additional things strike us about this calculation: 1. the floor seems to penalise intermediary downgrades prior to default, and 2. upon default suddenly collateral recognition is disallowed. Whether these two latter effects were unintended or not, the CRD stipulations are very different and it leads to a totally different practice.
General	Treatment of insurance subsidiaries	Deduction of investment amount	deduction of insurance capital requirement (US: 200% of Authorized Control Level)	Further research required
General	History requirements	Relaxed: initially required 2 years for PD, LGD, and EAD and ultimately increasing to 5 yrs, but this is subject to national discretion	5 for PD and 7 years for LGD and EAD	Varies strongly between EU countries whereby some EU regulators indeed will be very lenient and other require even more history than required in the NPR/ Basel II framework
General	Double default	No prior permission required	May only be used if given permission	Probably low. Given that the double default treatment is already rather limitative and that the formula is straightforward, we do not understand why prior permission must be given.



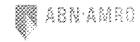
General	Rating assignment process	Stipulations on overwrites	Judgmental adjustments in quantification process	It is unclear whether the judgmental adjustments cited in the NPR contain adjustments in the rating model inputs (judgmental parameters used in rating model), or post-rating model adjustments (i.e. overwrites) or both. In any event, provided the overwrite process' integrity is ensured, overwrites may be seen as proof of a use test compliance and certainty that rating model are not part of a fully automated process managed entirely outside the scope of the business.
General	Capital ratios	8% regulatory capital plus/minus deduction items (4% requirements was part of Basel I)	8% tier 1 and tier 2, 4% tier 1	To be verified by European Commission
General	Treatment of public sector entities/ governmental entities	List of public sector entities or criteria published per EU memberstate prescribing treatment as sovereign or bank. (or even implicitly, as corporate)	that it is categorized as a wholesale	1
General	Transitional floors	95 - 90 - 80% for 1st, 2nd and 3rd floor period	95 - 90 - 85% for 1st, 2nd, and 3rd floor period (floors deleted on a bank by bank basis)	Given later implementation in the US, potentially high
General	Minimum Risk based capital ratio requirements	8% total qualifying capital.	4% Tier 1 8% total qualifying capital. Tier 1 capital must be at least 50% of total qualifying capital	More research required on notion of capital and on capital deduction items as well as on impact of accounting standards
General	Expected loss amount	ELbe	Impairment estimate	Expected to be similar



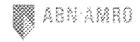
Asset Sec	Asset Securitisation:	No definition given on asset securitisation,	Any transaction that involves the tranching	Unknown, potentially high
	definition	but implicitly limited to traditional	of credit risk; tranched credit protection	
		securitisation and synthetic securitisation;		
		for traditional securitisation, the transferee	ì	
		must be a securitisation SPE, for synthetic,	•	
THE PROPERTY OF THE PROPERTY O	***	the condition that risk transfer must be by		
		way of tranched cover is not included		
Asset Sec	1	No limitation on securitised asset types	For the full securitisation treatment to	
	securitised asset		apply, solely financial assets can be	•
	types		securitised assets (i.e. no music concert and	
***************************************			film receivables). For non-financial assets,	
	**************************************		the RBA may apply but if not rated or no	
	Avviet to the second se		inferred rating available, then capital	
			deduction	
Asset Sec	Asset Securitisation:	In such a case the bank must deduct the	If the exposure does not qualify for the	In view of tax effects the difference is not neutral
				Note: art. 57 of the CRD r seems to contradict thi
		weight	the exposure from total capital	flexibility
Asset Sec	Asset Securitisation:		Risk weight equal or above 100%	Further reserch required
	interest only MBS			•
Asset Sec	Asset Securitisation:	Different CCFs depending on the type of	Risk weighted is amount that could be	In most circumstances the effect will be neutral
			drawn given assets currently held by	
	ABCP		program	
Asset Sec	Asset Securitisation:		For originating bank: min. = 2	Expected to be minimal as common practice to
	minimum number			have at least 2 rating agencies involved
	of external ratings			



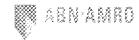
Asset Sec	RBA risk weight super senior	Special 6% risk weight for super senior tranches; next senior tranche will be risk weighted at 7%. This is however at national discretion		High
Asset Sec		The IRB rules on CRM must be adhered to A+	65 day holding period for haircut determination in case of CRM in asset securitisation	further research is required on funded synthetic securitisations
Asset Sec	significant risk	National discretion, different criteria are used to determine if significant risk has been transferred		Unknown
Asset Sec	Asset Securitisation: MBS		MBS / participation in a certificate resulting from mortgage loan swap with recourse: separation of 2 exposures	
Asset Sec	Asset securitisation:	Not explicitely stated		In case of re-securitisation of ABS through conduits, banks prefer to apply RBA
Asset Sec	Asset Securitisation: third party CDS provider		Even if non-eligible securitisation for originator, a bank acting as credit protection provider must use the securitisation treatment	Unknown
Asset Sec	Asset Securitisation gain on sale		Deduction from capital of after tax gain on sale and of any portion of CEIO	To be verified
Asset Sec	Asset Securitisation:		If notional amount of underlying exposures = 25 or if underlying exposures are retail exposures, then N = 6	



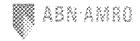
Asset Sec	Asset Securitisation: use of external ratings	In case more than 2 ratings, the second worst must apply	In case more than one external/ inferred rating, always use worst	High
Asset Sec	Asset Securitisation: eligible disruption liquidity facility under the SFA	CCF = 20%	Considered not to apply this provision	More research required; potentially high
Asset Sec	Asset Securitisation: servicer cash advance facility	If eligible, RW = 0%; otherwise nominal amount	Undrawn not taken into account	Neutral? Further research required
Covered bonds	Covered bonds	Special treatment (but directed at Standardised and Foundation approach)		Advanced EU banks might require equivalent treatment under advanced approach given that this is a LDP
CRM	1	unconditional guarantees allowed, subject to national discretion. Must be validated though.	_	High as credit insurance often is conditional (except comprehensive cover); however, validation will prove hard.
CRM	CRM: LGD - eligibility of collateral	Internal requirements must be generally consistent with those established for the Foundation appraoch in Annex VIII. Regulators translate this into that the internal policies must yield the same effect. The result is that banks must implement many costly processes for this purpose. No clarity given leading to a bank by bank or country by country approach.	Hardly any operational and eligibility criteria for non-financial collateral	



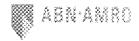
CRM	CRM: Financial collateral	Minimum rating requirements on issuers of debt securities (exc. Sovereigns); equity must be traded on a recognised exchange; forex haircut = 11.3%; haircut for investments in funds: weighted average haircut if known investments, otherwise	highest collateral haircut for investments in funds	High as margins in this type of business are often thin
		highest haircut		
CRM	CRM: Non- Financial collateral	Many operational and eligibility criteria (pages long); in addition minimum collateralisation values depending on collateral type		High for EU banks as the CRD requirements are not always contained in internal practices and imply high extra overhead costs
CRM	CRM: Unfunded credit protection – eligibility of protection providers (PD substitution)	Min. rating requirements for corporate guarantors; ineligible are banks not subject to equivalent supervision		High, especially since double default is limitative
CRM	CRM: Unfunded credit protection PD substitution		Distinction between first demand guarantees	Estimated to be low
CRM	risk	Unfunded credit protection may be recognised by adjusting PD and /or LGD but not such that the adjusted risk weight would be lower than a comparable, direct exposure to the guarantor	on first demand; no lower risk weight	
CRM	CRM: Treatment of unfunded credit protection	Choice between treatment through LGD or PD on a bank portfolio basis.	Use of PD substitution, LGD substitution or Double Default may be determined on an exposure by exposure basis	1



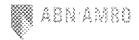
CRM	CRM: Double	LGD is the LGD of a comparable direct	i — — — — — — — — — — — — — — — — — — —	1
	default formula	exposure to the protection provider; M is not		1
-	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	specified but by implication is M of the	ſ	
		exposure	effective maturity of the guarantee	
EAD	EAD asset based	***********	Effect of pre-default paydowns is	High provided banks can validate this by their
	lending		recognised	history
EAD	EAD definition	Exposure value gross of value adjustments;	1	Minimal unless EL -/- provisions and value
		correction in Expected Loss for value	risk reserve	adjustments leads to a positive amount (accruals
		adjustments, provisions and discounts; no		are included by most banks on their own accord)
		mention of accruals		
EAD	EAD floor	EAD cannot be less than current outstanding	for certain types of exposures, pre-default	potentially high as the history of some banks
			paybacks may be taken into account; no	indicate that exposure is considerably less than in
			floor.	the period leading up to default, this due to good
				risk management practice. The CRD text is
				therefore unduly penalizing.
Equity	Equity: Treatment	CIU treatment: If a bank does not meet	Three alternative approaches: full look-	The approaches show similarities; The CRD seems
	of investments in	certain criteria OR is not aware of ALL of	through approach, simple modified look-	most conservative by requiring usage of equity
	funds	the underlying exposures, the bank shall	through approach or alternative modified	SRW approach in many cases. Expected is that the
		look through to underlying exposures and	look-through approach. Minimum rating of	CRD risk weights will in most cases be
		apply SRW to all exposures irrespective	7%	substantially higher than the min. 7% risk weight
WARREN		whether this is an equity fund or another		of the NPR. Although there is conceptually not
		type of fund Alternatively, the institution		much wrong with the proposed treatments, the
i I		may calculate themselves using IRB OR by		process is rather cumbersome for banks, especially
		third party making use of Standardised		if not owner/manager of the funds in question
		approach		•
Equity		SRW, PD/LGD or IMM approaches	IMA or SRWA approaches	Potentially high as PD/LGD approach has specific
, -				stipulations for (defacto) strategic investments
				(adjusted imposed PD)



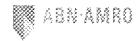
Equity	Equity: SRW risk	190% diversified private equity, 290%	300% or 400% for exchange traded and	To be decided
	weights	exchange traded; remainder 370%; (in	private equity; no ECL calculation	verver minute
-		addition EL = 0.8% x book value for		
		diversified private and exchange traded, and		
		2.4% x book value for remainder)		
Equity	Equity: internal	No cherry picking, defined per pre-specified	All or nothing principle; apply to all private	Potentially high
	model method	portfolio	equity exposures or to none	
Equity	Equity amount	Book value depending on prevailing	Carrying value minus unrealized gains that	Furter research required
		accounting rules	are excluded from bank's capital	
Equity	Equity Investments:	100% risk weight, but solely allowed to	100% risk weight: allowed up to 10 % of	Huge for banks active in the venture capital
	'non significance'	banks whose aggregate equity exposures do	tier I and tier 2 capital; some equity	markets. Interpretation of NPR to be verified!
		not exceed 10% of tier 1 and tier 2 capital	exposures do not count in the aggregate	
			value of equity exposures	
Equity	Equity floors/	floor calculated on an individual exposure	floor applied on a portfolio level; floor set	High since it is hard/impossible to indivualize VaR
ALVANIA MININA	calculation under	level; floors set at respectively 192% and	200/300%	outcomes per exposure without losing portfolio
	IMA	208%		effects
Equity	Equity hedge		Hedge effectiveness formula	Unknown
	formula			
Equity	Equity derivatives	Treated under equity treatment	Treatment as wholesale exposure and	Further research required. Expected: minimal
			derivative exposure, to be summed up	
Equity	Equity: Application	Applies to corporate investments; financial	Applies to financial investments only;	Potentially high; Max RW of 400% versus 1250%
	of equity approach	investments up to 10% stakes	investments in financial subsidiairies are	
			deducted from capital	
Equity	Equity	Subject to national discretion, standardised		High. Leads to unlevel playing field
	grandfathering rule	approach to equity is allowed up to 2017		
		(100/150% RW)		



Intragroup	Treatment of intragroup exposures	Special treatment, with exemption only possible within the home Member State. Standardised approach to be applied with risk weights ranging from 20% to 100%		Huge for EU network banks. Mjor issue for bank's internal asset and liability management
Lease	Lease	EAD based on discounted minimum lease	Net investment in wholesale lease to be treated as single exposure to lessee. No separate risk weighting of lease residual. Retail lease: residual value is value of risk weighted asset	Further research into combined effect of applicable accounting standards and regulatory capital treatment required
LGD	LGD floor	Not replicated but insistence on downturn/stressed LGDs	Indicates that LGD must be at least equal to ELGD.	The paper by the Basel Committee seems to allow making use of a negative correlation between PD and LGD; banks in question will conduct further reserach on this phenomenon. Expected that the effect of the mapping function on capital requirements will be minimal after Pillar 2 of non-US banks in other G-10 countries.
Pillar 2	Pillar 2 minimum risk coverage	List contains more mandatory risk categories; EU regulators have aded other mandatory categories	· ·	NPR gives less room for a tick box exercise as it stipulates that the internal approach should encompass all material risks a bank is exposed to
Retail	Retail: ineligible retail guarantees		Allows ineligible guarantee on retail exposures provided by wholesale guarantors to be treated as direct exposures on these guarantors; alternative considered is the instauration of a floor	



Retail	Retail segmentation		In general, retail segments should not cross national jurisdictions	It cannot be excluded that in the future in certain Asian countries retail segments cover portfolios in more than one country. In this sense, the statemen limits flexibility and good business pratice of banks.
Retail	Retail: seasoning effects		Seasoning effects, if deemed material, must be taken into account in retail PD	Creation of a rather challenging additional validation layer for US banks
Retail	Retail definition – inclusion of consumer loans	Personal mortgage loans excluded	All consumer loans excluded if legal entity is natural person	Varies per bank/ country
Retail	Retail threshold amount	EUR 1 mln	USD 1 mln	Depends on EUR-USD exchange rate
Specialised Lending	Specialised lending	The CRD implemented one approach for all specialised lending exposures and did not replicate the slotting criteria, but specifies 7 main criteria. The special treatment for HVCRE is not included	adjusted correlations for HVCRE	Depend on usage of HVCRE. EU's view was that a special treatment was not warranted in the EU context
Traded Products	EPE Usage of models	Implementation per legal entity	by product. Alternative methodologies for certain product types allowed provided conservative	The CRD requirement proves impossible to meet as some structured derivatives can never be modeled under EPE methodology. Should be replaced by implementation per traded product type and a principle based requirement that cherry picking is not allowed and that a well founded implementation plan is submitted to regulators.



Traded Products	VaR haircut approach for repo style transactions(under PFE + add on methodology)	Limited to repo style transactions	Extended to margin loans	Further research required; not clear how many banks will have implemented this VaR approach to haircuts
Traded Products	·····	The CRD has not copied in the list provided in the Trading Book Review of the Basel Committee; the latter's list did not specify sovereign exposures as an allowed exemption. The CRD makes this a national discretion.	exemption rule include sovereign exposures	Depends on supervisor. Expected is that supervisors will be less inclined to accept types of exposures not mentioned in the Trading Book Review example list. Banks view is that roll-over risk is grossly overrated since downgrades definitely lead to banks refusing to renew exposures
Traded Products	EPE Operational and eligibility requirements	Long, prescriptive list.		CRD requirements potentially hinder EPE modelling if not implemented taking substance over form approach
EL	Expected loss treatment	* · · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	This follows from the difference in the definition of EAD. Furthur research required to investigate that end result is indeed neutral in all cases. N.B. shortfall/ excess amounts are expected to be different given differences in provisioning practices and accounting treatments