		General Odomirok.22-23-GAP	
Surplus: GAAP	SAP Surplus + Provision for Reinsurance + DAC + Non-Admitted Assets		
Goodwill: SAP	Min[Price of company — Surplus, (. 1)(Surplus)]		
C LIND L CAAD	Price of Company — Net Assets		
Goodwill: Purchase GAAP	Price of Company — [FV(Assets) — FV(Liabilities)]		
FV(Liabilities)	Nominal future cash flows of liabilities	$\sum \frac{\text{Loss and LAE Liability Payments}}{(1+i)^{.5+t}} \text{for } t = 0,1,2 \dots$	
	Risk Margin	$(R-i)* \sum \frac{Average[(Carried\ Capital)_t,(Carried\ Capital)_{t+1}]}{(1+i)^{1+t}} \ \ for\ t=0,1,2 \dots$	
	Note: You may be given the FV of a liability component that isn't Loss and LAE. Include it.		
Notation	 DAC → Deferred Acq FV → Fair Value PGAAP → Purchase G R → Pre-tax cost of C i → Risk Free Rate + 	GAAP rapital	

SAP 10K Exhibit – 10-Year Loss Development Table Testing for <i>Adverse Deviation</i>			
Notation	 I → Incurred P → Paid Sequential numbers indicate a sum Example: I12 = I1 + I2 		

Schedule P - Part 2					
Year Losses were Incurred (AY)	Incurred Net Loss and DCC Reported at Year End (CY)				
	2009	2010	2011	2012	
2009	I1	I1	I1	I1	
2010		I2	I2	I2	
2011			I3	I3	
2012				I4	

Schedule P - Part 3					
Year Losses were Incurred (AY)	Incurred Net Loss and DCC Reported at Year End (CY)				
	2009	2010	2011	2012	
2009	P1	P1	P1	P1	
2010		P2	P2	P2	
2011			P3	P3	
2012				P4	

10-К					
	2009	2010	2011	2012	
Initial	I1 – P1	I12 - P12	I123 - P123	I1234 - P1234	
Cumulative Paid as of					
1-Year Later	P1 – P1	P12 - P12	P123 - P123		
2-Year Later	P1 - P1	P12 - P12			
3-Year Later	P1 - P1				
Cumulative Incurred as of					
1-Year Later	I1 – P1	I12 - P12	I123 - P123		
2-Year Later	I1 - P1	I12 – P12			
3-Year Later	I1 - P1				
Adverse Deviation	(Cumulative Incurred Diagonal) $_{CY}$ – (Initial) $_{CY}$		N/A		

• Checking your work: Adverse Deviation simplifies to a difference of incurred columns in Schedule P, Part 2