Given Determine the final A.M. Best rating for the following insurer.

		quired Capi	ed Capital Amounts		
asset risk		VaR 95	VaR 99	VaR 99.5	VaR 99.6
(B1)	Fixed income securities risk	190	246	266	270
(B2)	Equity securities risk	87	112	122	124
(B3)	Interest rate risk	108	140	151	153
(B4)	Credit risk	89	115	124	126
U/W risk					
(B5)	Reserve risk	584	875	990	1,027
(B6)	Premium risk	704	1,055	1,194	1,238
other risk					
(B7)	Business risk	48	48	48	48
(B8)	Catastrophe risk	150	186	278	339

Recap of Available Capital (AC)	amount
Reported Capital (surplus)	1,900
<u>E</u> quity adjustments (lura)	
loss reserves	95
unearned premium	-190
reinsurance	19
assets	0
<u>D</u> ebt adjustments <i>(sd)</i>	
surplus notes	0
debt service requirements	0
Other adjustments (fig)	
future operating losses	0
intangibles	67
goodwill	67

	add: subtract:	equity adju intangibles	istments & goodwill							
then	AC	=	1,900	+	-76	-	133			
		=	<u>1,691</u>							
step 2:	calculate NRC for each VaR level using the covariance adjustment formula									
	NRC	=	(B7) + SQRT	[ (B1)^2 + (	(B2)^2 + (B3	)^2 + <b>(0.5x(B</b> 4	4))^2 + (0.5x(B4) + (B5))^2 + (B6)^2 + (B8)^2 ]			
			VaR 95	VaR 99	VaR 99.5	VaR 99.6				
	NRC	=	1,033	1,502	1,698	1,766				
step 3:	calculate BCAR corresponding to each VaR level using the standard formula									
	BCAR	=	(AC - NRC) /	AC x 100						
	DOAD		VaR 95	VaR 99	VaR 99.5	VaR 99.6				
	BCAR	=	38.9	11.2	-0.4	-4.4				
step 4:	use the BC	AR results a	t the differen	t VaR levels	s to determi	ne the A.M. E	Best financial strength rating			
	rating	=	adequ	uate	<== final a	nswer				

step 1: calculate AC starting with **Reported Capital (surplus)** and making the indicated <u>adjustments</u>