			FSIs 8	& IMF 2003 CARAMELS Categories Risk-Based Supervision Categories																			
Sort	Number	<u>Indicator</u>							<u>Actuarial</u>	Management	Earnings	Liquidity	Subsidiaries						Conduct	Reputation	Concentration	Environmental	Strategic
1		Gross written premium / capital				Х																	
2		Net written premium / capital	Х	Х		Х																	
3		Capital / total assets	Х	X	X	X																	-
4		Capital / invested assets [FSI]	Х	Х	X	X																	
5		Capital / technical provisions	Х		X	X																	
7		Cover of solvency margin		X	X	X												X					
		Risk-based capital adequacy ratios		Х	Ι Χ	X				V								Х					
8		Growth in capital				X				X													X
		Net growth in capital				X				X								X					X
10		Statutory deposit / required deposit	V	V	V	۸	V								V	V		Λ			V		
11		(Real estate + unquoted equities +	X	Χ	X		X								X	X					Χ		
12		receivables) / total assets Real estate / total assets					v								V	V		V			V		
12		Real estate / capital				Х	X								X	X		Х			X		
14		(Real estate + mortgages) / total				^	X								X	X		Х			X		
14		assets					^								_ ^	_ ^		^			^		
15	2.05	Maximum deposits in a single bank / total assets					Х								Х			Х			Х		
16		(Cash + loans + investments) / total					Х								Х								
		assets																					
17		Receivables / (gross written premium + reinsurance recoveries)	Х	Х	Х		Х								Х								
18	2.08	Receivables / capital				Χ	Х			Х					Х		Х						
19		(Non-performing investment assets					Х								Х								
		and loans + receivables over 90 days)																					
		/ total assets																					
20		Receivables over 90 days / total					X			X					X		X						
		receivables																					
21		Equities / total assets	Х	Х	Х		Х									Х		Х			Х		
22		Non-performing loans / total gross loans	Х		Х		Х			X					Х								
23		Maximum investment in a single					Х								X						Χ		
		counterparty / total assets																					
24		Maximum receivable from a single					X								Х						Χ		
		counterparty / total assets																					
25		Gross asset position in financial		Χ	X	Χ	X									X							
		derivatives / capital																					
26		Gross liability position in financial		Χ	X	Х	Х									X							
		derivatives / capital					.,			.,,					.,	.,							
27		Investments: distribution by type					X			X					X	X					X		X
28		Investments: geographical		Χ	Х		Х			X					Х	X					Χ		X
20		distribution		v			v			V					V	V					V		<u></u>
29		Investments: sectoral distribution	V	X	X		Х	V		X				V	X	Х					Х		X
30		Risk retention ratio [FSI]	Х	Х	Х			X		X				X	Х								X
31		(Reinsurance recoveries +						X		X				Х									X
		reinsurance commissions) / reinsurance ceded																					
32		Maximum exposure to single risk /	_					X						Х							X		+
32		capital						^						^							^		
33		Maximum exposure to single event /	-+					Х						Х							Х		1
		capital																					
\perp					1		1	1	1				1				1		1			1	

			FSIs	& IMF	IMF 2003 CARAMELS Categories Risk-Based Supervision Categories																	
Sort	Number	<u>Indicator</u>							Actuarial	Management	Earnings	Liquidity	Subsidiaries					Legal & Reg Conduct	Reputation	Concentration	Environmental	Strategic
															ļ							
34		Maximum premium ceded to a single						X						Х	X					X		
		reinsurer / gross written premium																				
25	4.04		.,											,,								
35		Net claims provisions / average of	X	Х					X					Х								
36		net claims paid in last three years Net technical provisions / average of	X		X				X					Х								
30		net written premium in last three	_ ^		^				^					_ ^								
		years																				
37		Net claims provisions / capital				X			X					Х								
38		Claims development							X					X								
39		Underwritten business: distribution		Х	X				X	Х				X						Х		X
		by class of business																				
40		Underwritten business: geographical		Х	Х				Х	Х				Х						Х		Х
		distribution																				
41	4.07	Underwritten business: sectoral		Х	Х				Х	Х				Х						Х		Х
		distribution																				
42	4.08	Actuarial assumption: short-term							Х													
		interest rate																				
43	4.09	Actuarial assumption: long-term							X													
		interest rate																				
44	5.01	Gross written premium per	Х	Х	Х					Χ	Х						Х					Х
		employee																				
45		Assets per employee	Х	Х	X					Х	Х						Х					X
46		Operating expenses / gross written		X	X					Х	X											
		premium																				
47		Personnel expenses / gross written		Х	X					X	X											
		premium																				
48		Growth in gross written premium								X				X			X					X
49		Growth in net written premium					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			X				Х			X					X
50		Growth in total assets					X			X	X			Х	X	X						X
51		Gross written premium / sum insured								Α .	_ ^			^								^
52		Gross written premium / number of								Х	X			Х								X
32		policies								^	_ ^			_ ^								^
53		Complaint index								Х								X				Х
54		Pay-out ratio				Х				X								X	Х			X
55		Board composition								X												X
56		Claims ratio	Х	Χ							Х			Х			Х					
57		Gross claims ratio									Х			Х			Х					
58		Expense ratio	Х	Х	Х						Х											
59	6.04	Combined ratio	Х	Х							Х											
60	6.05	Investment income ratio	Х	Х							Х											
61	6.06	Operating ratio									Х											
62		Profitability ratio									Х											
63		Return on revenue		Х							X				1							
64		Revisions to technical provisions /	Х		X				X		X											1
		technical provisions																				
65		Nominal net investment yield	Х		X		X				Х				X	Х						Х
66		Real net investment yield					Х				Х				X	Х						X
67		Return on equity (ROE) [FSI]	Х	Х	X						Х			1	1							
68		Earnings per employee		X	X						X			_	-							
69	6.14	Return on assets (ROA) [FSI]		X	X						X											1

			FSIs	& IMF 2	IF 2003 CARAMELS Categories								Risk-Bas	ed Sup	ervisio	n Categorie						
Sort	Number	r <u>Indicator</u>					ital Assets Reinsurar			Management	t Earnings	Liquidity	Subsidiaries		_			Legal & Reg Conduct	t Reputation	Concentration	Environmental	Strategic
																	-					
70	6.15	Policies lapsed or surrendered /									X			Х				X				
		policies in force at beginning of the																				
		year																				
71		Market value / book value		Х	Х						Х											
72		Price / earnings ratio		Х	Х						Х											
73		Price / gross written premium		Χ	Х						X											
74		Liquid assets / current liabilities	Х	Х	Х							Х										
75		Liquid assets / total liabilities										X										
76		Liquid assets / total assets		Х	Х							Х										
77		Liquid liabilities / total liabilities			Х							Х										
78		Net open foreign exchange position / capital	X	Х	Х		Х					X				X						
79		Duration of assets / duration of	Х		Х		Х					Х		Х		Х						
		liabilities																				
80	8.01	Group debtors / total assets		Х	Х		Х						Χ							Х		
81		Related party receivables / total					Х						Х							Х		
		assets																				
82	8.03	Due to related parties / total assets											Х							Х		
83		(Investments in related parties +					Х					Х	Χ		Х				Х	Х		
		related party receivables) / total																				
		assets																				
84	8.05	(Investments by related parties + due											Χ						Х	Х		
		to related parties) / total assets																				
85	8.06	(Revenues from related parties +											Χ	Х					X	Х		X
		expenditures to related parties) /																				
		(total revenues + total expenditures)																				
86		Group (gross written premium + paid		Х	X								Χ	Х					X	X		X
		claims) / total (gross written																				
		premium + paid claims)																				
87		Related party (gross written											Χ	Х					X	X		X
		premium + paid claims) / total (gross																				
		written premium + paid claims)																				
88		Assets / total financial system assets	Х	Х	Х														Х	Х	Х	Х
00		[FSI]																	.,	.,		,,
89	9.02	Assets / gross domestic product [FSI]	X	Х	Х														X	X		X
90	9.03	Penetration		Х	Х														Х		Х	Х
91	9.04	Density		Х	Х														Х		Х	Х
92		Density - in USD		Х	Х														Х		Х	Х
93	9.07	Herfindahl-Hirschman Index		Х	Х									Х						Х	Х	Х
94		Concentration ratio		Х	Х									Х						Х	Х	Х

Risk Assessment Categories