## Capital Adequacy (E) Task Force <u>RBC Proposal Form</u>

[ ] Capital Adequacy (E)	Task Force [x] Health RBC (E) Working Green	oup [ ] Life RBC (E) Working Group				
[ ] Catastrophe Risk (E)	Subgroup [ ] Investment RBC (E) Working	g Group [ ] SMI RBC (E) Subgroup				
[ ] C3 Phase II/ AG43 (H	E/A) Subgroup [ ] P/C RBC (E) Working Group	p [ ] Stress Testing (E) Subgroup				
	DATE: 08/31/2020	FOR NAIC USE ONLY				
CONTACT PERSON:	Crystal Brown	Agenda Item # <u>2020-07-H</u>				
TELEPHONE:	816-783-8146	Year <u>2021</u>				
EMAIL ADDRESS:	cbrown@naic.org	<b><u>DISPOSITION</u></b>				
ON BEHALF OF:	Health RBC (E) Working Group	[ x ] ADOPTED <u>WG 10/29/20 &amp; TF 11/19/20</u>				
NAME:	Steve Drutz	[ ] REJECTED				
TITLE:	Chief Financial Analyst/Chair	[ ] DEFERRED TO				
AFFILIATION:	WA Office of Insurance Commissioner	[ ] REFERRED TO OTHER NAIC GROUP				
ADDRESS:	5000 Capitol Blvd SE	[ ] EXPOSED				
	Tumwater, WA 98501					
IDENTIFI	CATION OF SOURCE AND FORM(S)/INSTRU	UCTIONS TO BE CHANGED				
[x] Health RBC Blanks	[ x ]Health RBC Instructions	[ ] Other				
[ ] Life and Fraternal RB	C Blanks [ ] Life and Fraternal RBC Instructions					
[ ] Property/Casualty RE	C Blanks [ ] Property/Casualty RBC Instructions					
	DESCRIPTION OF CHANGE	(\$)				
Split the Bonds and Misc.	Fixed Income Assets into separate pages (Page XR0	007 and XR008).				

## **REASON OR JUSTIFICATION FOR CHANGE \*\***

Currently the Bonds and Misc. Fixed Income Assets are included on page XR007 of the Health RBC formula. With the implementation of the 20 bond designations and the electronic only tables, the Bonds and Misc. Fixed Income Assets were split between two tabs in the excel file for use of the electronic only tables and ease of printing. However, for increased transparency and system requirements, it is suggested that these pages be split into separate page numbers beginning with year-2021. Bonds would remain on page XR007 and Misc. Fixed Income Assets would move to page XR008. All remaining page numbers and references to the page numbers would be incorporated into the Blank and instructions.

## Additional Staff Comments:

9-11-20 cgb Exposed proposal for 30-days.

10-29-20 cgb No comments received, and the Health RBC Working Group adopted the proposal. 11-19-20 cgb The Capital Adequacy (E) Task Force adopted the proposal.

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\*\* This section must be completed on all forms.

Revised 11-2013

Type of Event	Name	Date	Location	Overall losses when occurred
Hurricane	Irene	2011		\$ 4,300,000,000
Tropical Storm	Lee	2011		\$ 315,000,000
Hurricane	Sandy	2012		\$ 50,000,000,000
Hurricane	Isaac	2012		\$ 970,000,000
Tropical Storm	Debby	2012		\$ 105,000,000
Earthquake		2014	California	25+ millior
Hurricane	Patricia	2015		25+ million
Hurricane	Joaquin	2015		25+ million
Hurricane	Matthew	2016	Florida, North Carolina, South Carolina, Georgia and Virginia	\$ 2,698,400,000
Hurricane	Hermine	2016	Florida, North Carolina, South Carolina, Georgia and Virginia	\$ 245,640,000
Hurricane	Harvey	2017	Texas, Lousiana	25+ millior
Hurricane	Jose	2017	East Coast of the United States	25+ million
Hurricane	Irma	2017	Eastern United States	25+ million
Hurricane	Maria	2017	Southeastern United States, Mid-Atlantic States	25+ million
Hurricane	Nate	2017	Louisiana, Mississippi, Alabama, Tennessee and Eastern United States	25+ millior
Tropical Storm	Alberto	2018	Southeast, Midwest	25+ million
Hurricane	Lane	2018	Hawaii	25+ million 25+ million
ITurrieune	Luite	2010	Southeast, Gulf coast of the United States,	25 • 1111101
Tropical Storm	Gordon	2018	Arkansas and Missouri	25+ million
Hurricane	Florence	2018	Southeast, Mid-Atlantic	25+ millio
Hurricane	Michael	2018	Southeastern and East Coasts of United States	25+ million
Hurricane	Dorian	2019	Southeast, Mid-Atlantic	500+ millior
Hurricane	Barry	2019	Southeast, Midwest, Northeast	300+ million
Tropical Storm	Imelda	2019	Plains. Southeast	25+ millior
Tropical Storm	Nestor	2019	Southeast	25+ million
Hurricane	Lorenzo	2019	Louisiana, Mississippi, Texas and Arkansas	25+ million
Tropical Storm	Cristobal	2020	Southeast, Plains, Midwest	150 million
Tropical Storm	Fay	2020	Southeast, Northeast	400 millior
Hurricane	Hanna	2020	Texas	350 millior
Hurricane	Isaias	2020	Southeast, Mid-Atlantic, Northeast	> 3 billior
Hurricane	Laura	2020	Plains, Southeast, Mid-Atlantic	> 4 billior
Hurricane	Sally	2020	Southeast (Alabama, Mississippi, Louisiana)	> 1 billior
Tropical Storm	Beta	2020	Plains, Southeast	25+ million
			Gulf Coast of United States, Southeast, Northeast	20 • 1111101
Hurricane	Delta	2020	(AL, GA, NC, SC, MS, LA, TX)	> 2 billior
Hurricane	Zeta	2020	Gulf coast of the United States, Southeastern United States, Mid-Atlantic	> 1.5 billior

							Munich Re NatCATService Insured losses (in original values, US\$m) Criteria: insured losses equal/greater US\$ 25m. Tries to	Swiss Re Sigma: Insured Loss Est. US\$m (mid point shown if range given) Mostly reflect total US and nonUS losses	
Year	Event Type	Begin	End	Event	Country	Affected Area (Detail)	reflect non-US losses	combined.	
2011	Tropical Cyclone	20/09/2011	22/09/2011	Typhoon Roke (Onyok), floods			001y 1200	1210	
2011	Tropical Cyclone	22/08/2011	02/09/2011	Hurricane Irene		Caribbean Islands and Eastern Canada	300	5300	
2011	Earthquake	13/06/2011	13/06/2011	Earthquake	New Zealand	South Island, Canterbury, Christchurch, Lyttelton	800	2000	
2011	Earthquake	11/03/2011	11/03/2011	Earthquake	Japan	Honshu, Aomori, Tohoku; Miyagi, Sendai; Fukushima, Mito; Ibaraki; Tochigi, Utsunomiya; Iwate, Morioka; Yamagata, Chiba; Tokyo	35000	35000	
2011	Tropical Cyclone	09/02/2011	09/03/2011	Tropical Storm Talas			N/A	470	
2011	Earthquake	22/02/2011	22/02/2011	Earthquake	New Zealand	South Island, Canterbury, Christchurch, Lyttelton	13000	12000	
2011	Tropical Cyclone	02/02/2011	07/02/2011	Cyclone Yasi		Queensland, Tully, Townsville, Mission Beach, Cardwell, Giru, Ingham, Innisfail, Cassowary Coast Shire, Cairns, Bedarra and Dunk islands	1430	1360	
2012	Earthquake	29/05/2012	29/05/2012	Earthquake	Italy	Emilia-Romagna, San Felice del Panaro, Cavezzo, Rovereto di Novi, Carpi, Concordia, Bologna, Mailand, Aosta Valley, Venice, Mirandola	1600	N/A	
2013	Tropical Cyclone	08/11/2013	12/11/2013	Typhoon Haiyan		Phillippines, Vietnam, China	700	N/A	
2014	Earthquake	07/07/2014		Earthquake	Mexico, Guatemala		N/A	N/A	25+milion
2014	Earthquake	04/01/14		Earthquake	Chile		N/A	N/A	100+milion
2014	Earthquake	12/02/2014		Earthquake	China		N/A	N/A	350+milion
2014	Earthquake	05/04/2014		Earthquake	China		N/A	N/A	80+milion
2014 2014	Earthquake Earthquake	05/05/2014 05/24/14		Earthquake Earthquake	Thailand China		N/A N/A	N/A N/A	62+milion 60+milion
2014	Tropical Storm	06/14/14	06/16/14	TS Hagibis	China		N/A N/A	N/A N/A	131+milion
2014	Super Typhoon	07/08/14	07/11/14	STY Neoguri	Japan		N/A	N/A N/A	100+milion
2014	Super Typhoon	07/15/14	07/20/14	STY Rammasun	bapan	Philippines, China, Vietnam	N/A	N/A	570+milion
2014	Typhoon	07/22/14	07/24/14	TY Matmo		Taiwan, China, Philippines	N/A	N/A	570+milion
2014	Cyclone	01/10/14	01/12/14	CY lan	Tonga		N/A	N/A	48+milion
2014	Cyclone	04/10/14	04/14/14	CY Ita	Australia		N/A	N/A	1+billion
2015	Hurricane	08/16/92	08/28/92	Hurrican Andrew	Bahamas	Bahamas			> 25 million
2015	Hurricane	10/20/15	10/24/15	Hurricane Patricia		Central America, Mexico	N/A	N/A	> 25 million
2015	Typhoon	06/26/15	07/13/15	Typhoon Chan-hom (Falcon)		Guam, Northern Mariana Islands, Philippines, Japan, Taiwan, Chian, Korea, Russian Far East	N/A	N/A	> 25 million
2015	Severe Tropical Storm	07/01/15	07/10/15	Severe Tropical Storm Linfa (Egay)		Philippines, Taiwan, China	N/A	N/A	> 25 million
2015	Typhoon	07/02/15	07/18/15	Typhoon Nangka		Marshall Islands, Mariana Islands and Japan	N/A	N/A	> 25 million
2015	Typhoon	07/29/15	08/12/15	Typhoon Soudelor (Hanna)		Mariana Islands, Japan, Philippines, Taiwan, Eastern China and South Korea	N/A	N/A	> 25 million
2015	Typhoon	08/13/15	08/30/15	Typhoon Goni (Ineng)		Mariana Islands, Japan, Philippines, Taiwan, China, Russia and Korea	N/A	N/A	> 25 million
2015	Severe Tropical Storm	09/06/15	09/11/15	Severe Tropical Storm Etau		Japan, Russian Far East	N/A	N/A	> 25 million

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2015	Typhoon	09/19/15	09/30/15	Typhoon Dujuan (Jenny)		Ryukyu Islands, Taiwan, East China	N/A	N/A	> 25 million
2015	Typhoon	09/30/15	10/05/15	Typhoon Mujigae (Kabayan)		Philippines, Vietnam and China	N/A	N/A	> 25 million
2015	Typhoon	10/12/15	10/21/15	Typhoon Koppu (Lando)		Northern Mariana Islands, Philippines, Taiwan, Ryukyu Islands	N/A	N/A	> 25 million
2015	Typhoon	12/03/15	12/08/15	Storm Desmond		Ireland, Isle of Man, United Kingdom, Iceland, Norway and Sweden	N/A	N/A	> 25 million
2015	Hurricane	09/28/15	10/15/15	Hurricane Joaquin		Caribbean Islands, Portugal	N/A	N/A	> 25 million
2015	Earthquake	04/27/15		Earthquake	Nepal		N/A	N/A	> 25 million
2015	Earthquake	09/22/15		Earthquake	Chile		N/A	N/A	> 25 million
2016	Hurricane	08/28/16	09/06/16	Hurricane Hermine		Dominican Republic, Cuba, The Bahamas	N/A	N/A	> 25 million
2016	Tropical Cyclone	02/16/16	02/22/16	TC Winston		South Pacific Islands	N/A	N/A	> 25 million
2016	Earthquake	02/06/16		Earthquake	Taiwan	Asia	N/A	N/A	> 25 million
2016	Earthquake	01/03/16		Kaohsiung EQ	India, Bangladesh, Myanmar	Asia	N/A	N/A	> 25 million
2016	Earthquake	02/14/16		Christchurch EQ	New Zealand	Oceania	N/A	N/A	> 25 million
2016	Earthquake	04/14/16	04/16/16	Kumamoto EQs	Japan	Asia	N/A	N/A	> 25 million
2016	Earthquake	04/16/16		Ecuador EQ	Ecuador	South America	N/A	N/A	> 25 million
2016	Tropical Cyclone	05/14/16	05/23/16	CY Roanu	Sri Lanka, india, Bangladesh, China	Asia	N/A	N/A	> 25 million
2016	Earthquake	08/24/16		Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/14/16	09/16/16	STY Meranti	China, Taiwan, Philippines	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	07/08/16	07/12/16	STY Nepartak	China, Taiwan	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/26/16	09/29/16	TY Megi	Taiwan, China	Asia	N/A	N/A	> 25 million
2016	Earthquake	09/10/16		Kagera EQ	Tanzania, Uganda	Africa	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/29/16	09/01/16	TY Lionrock	China, Japan, South Korea	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/19/16	09/22/16	TY Malakas	Japan, China	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/18/16	08/20/16	TS Dianmu	China, Vietnam	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	07/31/16	08/03/16	TY Nidia	China, Phillippines Vietnam	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/02/16	08/10/16	HU Earl	Belize, Mexico, Carribbean Islands	Caribbean Islands, Mexico and Central America	N/A	N/A	> 25 million
2016	Tropical Cyclone	08/22/16	08/23/16	TS Mindulle	Japan	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	09/06/16	09/08/16	HU Newton	Mexico	North America (non-U.S.)	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/04/16	10/07/16	STY Chaba	Japan, Korea	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/16/16	10/22/16	STY Haima	Phillipines, China	Asia	N/A	N/A	> 25 million
2016	Tropical Cyclone	10/14/16	10/20/16	TY Sarika	Phillipines, China, Vietanm	Asia	N/A	N/A	> 25 million
2016	Earthquake	10/26/16		Central Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Earthquake	10/27/16		Central Italy EQ	Italy	Europe	N/A	N/A	> 25 million
2016	Earthquake	10/21/16		Tottori	Japan	Asia	N/A	N/A	> 25 million
2016	Hurricane	09/28/16	10/10/16	Hurricane Matthew		Carribbean Islands and Eastern Canada	N/A	N/A	> 25 million
2016	Hurricane	08/28/16	09/06/16	Hurricane Hermine		Dominican Republic, Cuba, The Bahamas	N/A	N/A	> 25 million
2017	Earthquake	01/18/17		Earthquake	Italy	Europe	N/A	N/A	> 25 million
2017	Earthquake	01/28/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Earthquake	02/10/17		Earthquake	Philippines	Asia	N/A	N/A	> 25 million
2017	Earthquake	03/27/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Cyclone	03/28/17	04/05/17	CY Debbie	Australia	Queensland, New South Wales, New Zealand	N/A	N/A	> 25 million

2017	Earthquake	05/11/17	1	Earthquake	China	Asia	N/A	N/A	> 25 million
	1				China, Taiwan,				
2017	Typhoon	07/29/17	07/31/17	TY Nesat & TS Haitang	Philippines	Asia	N/A	N/A	> 25 million
2017	Typhoon	08/07/17	08/09/17	Typhoon Noru	Japan	Asia	N/A	N/A	> 25 million
2017	Earthquake	08/08/17		Earthquake	China	Asia	N/A	N/A	> 25 million
2017	Typhoon	08/23/17	08/24/17	TY Hato	China	Macau, Hong Kong	N/A	N/A	> 25 million
2017	Typhoon	08/25/17	08/28/17	TY Pakhar	China	Asia	N/A	N/A	> 25 million
2017	Hurricane	08/25/17	09/02/17	Hurricane Harvey		Caribbean Islands and Central America	N/A	N/A	> 25 million
2017	Hurricane	08/30/17	09/16/17	Hurricane Irma		Caribbean Islands and Cape Verde	N/A	N/A	> 25 million
2017	Hurricane	09/05/17	09/26/17	Hurricane Jose		Caribbean Islands and Eastern Canada	N/A	N/A	> 25 million
2017	Hurricane	09/16/17	10/03/17	Hurricane Maria		Caribbean Islands, UK, Francs and Spain	N/A	N/A	> 25 million
2017	Earthquake	09/07/17		Earthquake		Mexico, Guatemala	N/A	N/A	> 25 million
2017	Earthquake	09/19/17		Earthquake	Mexico	Mexico City	>200	N/A	> 25 million
2017	Hurricane	10/04/17		Hurricane Nate		Central America, Cayman Islands, Cuba Yucatan Peninsula	N/A	N/A	> 25 million
2018	Earthquake	02/06/18		Earthquake	Taiwan				> 25 million
2018	Earthquake	02/16/18		Earthquake	Mexico				> 25 million
2018	Cyclone	02/09/18	02/20/18	CY Gita	Tonga, Fiji, Samoa, New Zealand				> 25 million
2018	Earthquake	02/26/18		Earthquake	Papua New Guinea				> 25 million
2018	Earthquake	03/05/18		Earthquake	Papua New Guinea				> 25 million
2018	Cyclone	03/17/18		CY Marcus					> 25 million
2018	Tropical Storm	05/23/18	05/27/18	Tropical Storm Mekunu	Yamen, Oman , Saudi Arabia				> 25 million
2018	Tropical Storm	06/02/18	06/07/18	Tropical Storm Ewiniar	Vietnam, China, Taiwan, Philippines and Ryukyu Islands	Guangdong Province, Jiangxi, Fujian, Zhejiang Provinces, and Hainan Island.			> 25 million
2018	Earthquake	06/18/18		Earthquake	Japan				> 25 million
2018	Super Typhoon	07/10/18	07/12/18	STY Maria	China, Taiwan, Guam and Japan	Fujian province, Yantze River Basin, Japan's Ryukyu Islands			> 25 million
2018	Tropical Storm	07/17/18	07/24/18	TS Sonh-Tinh	Vietnam, China, Loas	Japan, Russian Far East			> 25 million
2018	Tropical Storm	07/22/18	07/25/15	TS Ampil	China	Jiangsu, Zhejiang, Shandong, and Hebei			> 25 million
2018	Typhoon	07/27/18	08/03/18	TY Jongdari	Japan, China				> 25 million
2018	Earthquake	08/05/15	08/09/18	Earthquake	Indonesia				> 25 million
2018	Tropical Storm	08/09/18	08/15/18	TS Yagi	Philippines, China	Zhejiang, Anhui, Jiangsu and Shandong Provinces.			> 25 million
2018	Tropical Storm	08/13/18	08/19/18	TS Bebinca	China	Hong Kong, Guangdong and Hainan			> 25 million
2018	Typhoon	08/16/18	08/18/18	TY Rumbia	China	Shanghai, Jiangsu, Zhehiang, Anhui, Shandong and Henan			> 25 million
2018	Typhoon	08/23/18	08/25/18	TY Soulik	Japan, South Korea, China and Russia	Haenam County, South Jeolla Province			> 25 million
2018	Typhoon	09/04/18	09/05/18	RY Jebi	Japan, Mariana Islands, Taiwan, Japan, Russian Far East and Artic				> 25 million

2018	Earthquake	09/06/18		Earthquake	Japan	Hokkaido			> 25 million
					N. Mariana Islands,				
2018	Super Typhoon	09/15/18	0918/18	STY Mangkhut	Philippines, China and Hong Kong				> 25 million
2018	Hurricane	Leslie	09/23/18	Hurricane Leslie	Azores, Bermuda, Europe	Azores, Bermuda, Madeira, Iberian Peninsula, France			> 25 million
2018	Hurricane	10/07/18	10/16/18	Hurricane Michael	Central American, Yucatan Peninsula, Cayman Islands, Cuba, Atlantic, Canad				> 25 million
2019	Cyclone	05/03/19	05/05/19	Cyclone Fani	India, Bangladesh				>500 million
2019	Earthquake	06/17/19		Earthquake	China				> 25 million
2019	Tropical Storm	08/01/19	08/08/19	Tropical Storm Wipha	China, Vietnam				> 25 million
2019	Typhoon	08/09/19	08/11/19	Typhoon Lekima	China				> 855 million
2019	Typhoon	08/15/19	08/16/19	Typhoon Krosa	Japan				>25 million
2019	Hurricane	08/31/19	09/07/19	Hurricane Dorian	Caribbean, Bahamas, Canada				>1 billion
2019	Typhoon	09/05/19	09/08/19	Typhoon Lingling	Japan, China, Korea				>5.78 billion
2019	Typhoon	09/08/19	09/09/19	Typhoon Faxai	Japan		1	+ +	> 7 billion
2019	Hurricane	09/19/19	09/22/19	Hurricane Humberto	Bermuda			<u> </u>	>25+ million
2019	Hurricane	09/17/19	09/22/19	Hurricane Lorenzo	Portugal			+ +	>25+ million
2019 2019			09/20/19			+	+	+ +	>25+ million >25+ million
2019	Earthquake	11/26/19		Earthquake	Albania				>25+ million
2019	Cyclone	11/08/19	11/11/19	Cyclone Matmo (Bulbul)	India, Bangladesh				>25+ million
2019	Typhoon	10/01/19	10/02/19	Typhoon Hagibis	Japan				> 7 billion
2019	Earthquake	12/18/19		Earthquake	Philippines				>25+ million
2020	Earthquake	03/22/20		Earthquake	Croatia				>25+ million
		04/01/20	04/11/20	Cyclone Harold	Solomon Islands, Canuatu, Fiji, Tonga				> 25+ million
2020	Tropical Storm	05/31/20		Tropical Storm Amanda	El Salvador, Guatemala, Honduras				> 25+ million
2020	Tropical Storm	06/01/20	06/05/20	Tropical Storm Cristobal	Mexico, Guatemala, El Salvador				150 million
2020	Hurricane	07/25/20	07/27/20	Hurricane Hanna	Mexico				350 million
2020	Hurricane	07/28/20	08/01/20	Hurricane Isaias	Caribbean, Canada				> 3 billion
2020	Hurricane	08/22/20	08/25/20	Hurricane Laura	Caribbean, Canada Caribbean				> 4 billion
2020	Typhoon	05/15/20	05/22/20	Typhoon Amphan	India, Bangladesh,				15 billion
					Sri Lanka				
2020	Tropical Storm	06/03/20	06/04/20	Tropical Storm Nisarga	India Obiere Teisser				> 25+ million
2020	Typhoon	08/03/20	08/04/20	Typhoon Hagupit	China, Taiwan				> 100+ million
2020	Hurricane	10/05/20	10/12/20	Hurricane Delta	Jamaica, Nicaragua, Cayman Island, Yucatan Peninsula				> 2 billion
2020	Hurricane	10/24/20	10/30/20	Hurricane Zeta	Cayman Islands, Jamaica, Central America, Yucatan Peninsula, Ireland, United Kingdom				> 1.5 billion
2020	Cyclone	04/01/20	04/11/20	Cyclone Harold	Solomon Islands, Canuatu, Fiji, Tonga				> 25+ million