

**Members of the Market Risk Advisory Committee Interest Rate
Benchmark Reform Subcommittee as of December 4, 2018**

Name	Entity Representing	Position Title
Ann Battle	International Swaps and Derivatives Association, Inc.	Assistant General Counsel
Timothy J. Bowler	ICE Benchmark Administration	President
Biswarup Chatterjee	Citigroup	Managing Director, Co-Head Electronic Trading & Automated Market Making, Global Spread Products
Jennifer Earyes	Navient	Director of Treasury Risk
Jason Granet	Goldman Sachs	Managing Director, Program Lead for LIBOR Transition
Annette Hunter	Federal Home Loan Bank of Atlanta	Senior Vice President and Director of Accounting Operations
Eric S. Lashner	Wells Fargo	Senior Counsel, Derivatives and FX Section
Robert Mangrelli	Chatham Financial	Director, Global Real Estate Hedging and Capital Markets
Jason P. Manske	MetLife	Executive Vice President, Senior Managing Director and Head of Derivatives and Liquid Markets
Dennis McLaughlin	LCH Group Limited	Chief Risk Officer
Craig Messinger	Virtu Financial	Senior Advisor
Agha Mirza	CME Group	Managing Director and Global Head of Interest Rate Products
Dr. Sam Priyadarshi	Vanguard	Head of Portfolio Risk and Derivatives
Marnie Rosenberg	JP Morgan	Managing Director and Global Head of Clearinghouse Risk & Strategy
Vikash Rughani	TriOptima	Business Manager
James Shanahan	CoBank ACB	Vice President – Financial Regulatory Compliance
Kristen Walters	BlackRock	Global Chief Operating Officer of Risk and Quantitative Analysis Group
Tyler Wellensiek	Barclays	Managing Director and Head of Official and Financial Institutions Rates Sales
Simon Winn	BNP Paribas	Managing Director - Head of America's IBOR Transition Office
Thomas Wipf*	Morgan Stanley	Vice Chairman, Institutional Securities
Scott Zucker	Tradeweb	Chief Administrative Officer

*- Subcommittee Chairman