THE BASEL HANDBOOK A GUIDE FOR FINANCIAL PRACTITIONERS

Foreword

List of Contributors

Introduction Michael K. Ong Illinois Institute of Technology

SECTION 1: PARAMETERISATION OF THE INTERNAL RATINGS-BASED APPROACH

1 Development and Validation of Key Estimates for Capital Models Michel Araten JPMorganChase & Co

2 Explaining the Correlation in Basel II: Derivation and Evaluation Christian Bluhm; Ludger Overbeck HypoVereinsbank; University of Giessen

3 Explaining the Credit Risk Elements in Basel II Simon Hills British Bankers Association

4 Loss Given Default and Recovery Risk: From Basel II Standards to Effective Risk Management Tools Andrea Resti; Andrea Sironi Bergamo University; Luigi Bocconi University

SECTION 2: IMPLEMENTATION AND TESTING OF COMPLIANT IRB SYSTEMS

5 Implementation of an IRB Compliant Rating System Sebastian Fritz, Michael Luxenburger and Thomas Miehe Deutsche Bank Group

6 Stress Tests of Banks' Regulatory Capital Adequacy: Application to Tier 1 Capital Esa Jokivuolle; Samu Peura Bank of Finland; Sampo Plc

7 Advanced Credit Model Performance Testing to Meet Basel Requirements Donald R. van Deventer; Xiaoming Wang Kamakura Corporation; Kamakura Corporation and University of Hawaii 8 Point-in-Time Versus Through-the-Cycle Ratings Scott D. Aguais; Lawrence R. Forest, Jr; Elaine Y. L. Wong; Diana Diaz-Ledezma Barclays Capital

9 Basel II in the Light of Moody's KMV Evidence Martti Purhonen Sampo Plc

SECTION 3: SECURITISATIONS AND RETAIL PORTFOLIOS

10 Basel II Capital Adequacy Rules for Securitisations and for Retail Exposures Ashish Dev KeyCorp

11 IRB-Compliant Models in Retail Banking Richard Norgate KPMG

SECTION 4: REGULATORY EXPECTATIONS AND DISCLOSURE ISSUES

12 Regulatory Priorities and Expectations in the Implementation of the IRB Approach Ed Duncan ISDA

13 Market Discipline and Appropriate Disclosure in Basel II Lawrence J. White Stern School of Business, New York University

SECTION 5: IMPLEMENTING THE ADVANCED MEASUREMENT APPROACH FOR OPERATIONAL RISK

14 Implementing a Basel II Scenario-Based AMA for Operational Risk Ulrich Anders and Gerrit Jan van den Brink Dresdner Bank

15 Loss Distribution Approach in Practice Antoine Frachot; Olivier Moudoulaud; Thierry Roncalli Groupe de Recherche Opérationnelle; Global Risk Management; Credit Agricole SA

16 An Operational Risk Ratings Model Approach to Better Measurement and Management of Operational Risk Anthony Peccia Bank of Montreal

SECTION 6: LOSS DATABASE AND INSURANCE

17 Constructing an Operational Event Database Michael Haubenstock Capital One

18 Insurance and Operational Risk John Thirlwell Operational Risk Research Forum