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Timothy Barnett, FCAS, CPCU, ARe Actuary, Property and Casualty Industry

Patricia Born, Ph.D. Insurance Finance Expert, Florida State University

Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS Actuary, Florida Office of Insurance Regulation

June 1, 2023

Mr. Matthew Nielsen Senior Director Government and Regulatory Affairs Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Nielsen,

This will confirm the finding of the Florida Commission on Hurricane Loss Projection Methodology on June 1, 2023, that the Risk Management Solutions, Inc. model has been determined acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings. The determination of acceptability expires on November 1, 2025.

The Commission has determined that the North Atlanta Hurricane Models Version 23.0 (Build 2250) on RiskLink 23.0 (Build 2250) (*primary platform*) and on Risk Modeler 2.27.0 on RMS Intelligent Risk Platform (*functionally equivalent platform*), limited to the specific options acceptable for use in a Florida rate filing identified in Hurricane Standard A-1, Hurricane Modeling Input Data and Output Reports, Disclosure 6, and as selected in the input form provided in Disclosure 4, and reported in the output form provided in Disclosure 5:

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Kevin Guthrie Director, Florida Division of Emergency Management

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer FSU/FAMU College of Engineering

> Masoud Sadjadi, Ph.D. Computer System Design Expert Florida International University

Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Mr. Matthew Nielsen Risk Management Solutions, Inc. June 1, 2023 Page Two

- a. complies with the hurricane standards adopted by the Commission on October 26 & 27, 2021, and
- b. is sufficiently accurate and reliable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential property in Florida.

On behalf of the Commission, I congratulate you and your colleagues. We appreciate your participation and input in this process.

Sincerely,

Floyd Yager, Chair Florida Commission on Hurricane Loss Projection Methodology

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

July 19, 2023

Mr. Matthew Nielsen Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Nielsen,

Floyd Yager, FCAS, Chair Actuary, Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Kevin Guthrie Director, Florida Division of Emergency Management

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer FSU/FAMU College of Engineering

> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Vacant Computer System Design Expert

On July 14, 2023, Risk Management Solutions, Inc. (RMS) requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.28.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.28.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely Floyd Yager Chair

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Timothy Barnett, FCAS, CPCU, ARe Actuary. Property and Casualty Industry

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

July 26, 2023

Mr. Matthew Nielsen Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Nielsen,

On July 25, 2023, Risk Management Solutions, Inc. (RMS) requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.28.1 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.28.1 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely Floyd My Yager

Chair

Floyd Yager, FCAS, Chair Actuary. Florida Hurricane Catastrophe Fund Advisory Council

> Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert. Florida State University

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Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

September 8, 2023

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski.

On September 6, 2023, Risk Management Solutions, Inc. (RMS) requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.29.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.29.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Vice Chair

Steve Paris, Ph.D., ASA, Vice Chair Statistics Expert, Florida State University

Kevin Guthrie Director. Florida Division of Emergency Management

> Gary Leavens, Ph.D. Computer System Design Expert, University of Central Florida

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer FSU/FAMU College of Engineering

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Vacant Actuary. Florida Hurricane Catastrophe Fund Advisory Council

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> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Vacant Actuary, Florida Hurricane Catastrophe Fund Advisory Council

September 18, 2023

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On September 15, 2023, Risk Management Solutions, Inc. (RMS) requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0.1 (Build 2250) on RiskLink version 23.0.1 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.1 (Build 2250) on RiskLink 23.0.1 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on RiskLink 23.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, ieve Paris

Steve Paris Vice Chair

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Gina Wilson, ARe, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Vacant Actuary, Florida Hurricane Catastrophe Fund Advisory Council

October 17, 2023

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On October 16, 2023, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.30.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Catastrophe Model or Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Vice Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.30.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and RiskLink 23.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, teve Paris

Steve Paris Vice Chair

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

Kevin Guthrie Director. Florida Division of Emergency Management

November 15, 2023

Risk Management Solutions, Inc. Newark, California 94560

Dear Mr. Pinkowski,

On November 10, 2023, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.31.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Model or Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.1 (Build 2250) on Risk Modeler version 2.31.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and RiskLink 23.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Steve Paris Chair

Timothy Barnett, FCAS, CPCU, ARe Vice Chair Actuary, Property and Casualty Industry

Mr. Matt Pinkowski 7575 Gateway Boulevard

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Property and Casualty Industry

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

Kevin Guthrie Director. Florida Division of Emergency Management

January 24, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On January 16, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the model update to North Atlantic Hurricane Models 23.0.2 (Build 2250) on the Risk Modeler 2.31.0 and RiskLink 23.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Model Updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the model update letter, responses provided to subsequent questions, and the completed Interim Model Update Certification Form, and agree that the interim model update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.2 (Build 2250) on the Risk Modeler 2.31.0 and RiskLink 23.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.1 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, tere Paris

Chair

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> Steve Paris, Ph.D., ASA, Chair Statistics Expert, Florida State University

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

February 9, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On February 2, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform updates to Risk Modeler 2.32.0, 2.32.1, and 2.32.2, and to RiskLink 23.0.2 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform Updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platforms update letter and the completed Interim Platform Update Certification Form, and agree that the interim platform updates appear functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.2 (Build 2250) on the Risk Modeler 2.32.0, 2.32.1, and 2.32.2, and on the RiskLink 23.0.2 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) and 23.0.1 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, teve Paris

Steve Paris Chair

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

Kevin Guthrie Director. Florida Division of Emergency Management

March 14, 2024

Mr. Matthew Nielsen Newark, California 94560

Dear Mr. Nielsen,

On February 21, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the platform update for North Atlantic Hurricane Models 23.0.2 (Build 2250) on Risk Modeler version 2.33.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform Updates after the Florida Hurricane Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim update letter and Interim Platform Update Certification Form, and agree that the interim platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.2 (Build 2250) on Risk Modeler version 2.33.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) on Risk Modeler version 2.27.0 and RiskLink 23.0 and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Steve Paris Chair

Timothy Barnett, FCAS, CPCU, ARe Vice Chair Actuary, Property and Casualty Industry

Moody's RMS 7575 Gateway Boulevard

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Timothy Barnett, FCAS, CPCU, ARe

Vice Chair

Actuary,

Property and Casualty Industry

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary. Florida Office of Insurance Regulation

Kevin Guthrie Director. Florida Division of Emergency Management

April 23, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On April 17, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the model update to North Atlantic Hurricane Models 24.0 (Build 2350) on the Risk Modeler 2.34.0 and RiskLink 24.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Model Updates and Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim model update letter, the completed Interim Model Update Certification Form, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the interim model and platform updates appear functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0 (Build 2350) on the Risk Modeler 2.34.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.2 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1,2025.

Sincerely, tere Paris

Chair

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

May 29, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On May 17, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0 (Build 2350) available on Risk Modeler 2.35.0 and RiskLink 24.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0 (Build 2350) on the Risk Modeler 2.35.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.2 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, tere Paris

Steve Paris Chair

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

July 8, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On July 3, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0 (Build 2350) available on Risk Modeler 2.36.0 and RiskLink 24.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0 (Build 2350) on the Risk Modeler 2.36.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.2 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, tere Paris

Steve Paris Chair

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

September 11, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On September 10, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0 (Build 2350) available on Risk Modeler 2.37.0 and RiskLink 24.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0 (Build 2350) on the Risk Modeler 2.37.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.2 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely, tere Paris

Steve Paris Chair

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> Steve Paris, Ph.D., ASA, Chair Statistics Expert, Florida State University

Kathleen Hurta, FCAS Actuary, Florida Hurricane Catastrophe Fund Advisory Council

Gary Leavens, Ph.D. Computer Systems Design Expert, University of Central Florida

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer, FSU/FAMU College of Engineering

> Hugh Willoughby, Ph.D. Meteorology Expert, Florida International University

Gina Wilson, ARe, CPM, CPCU Chief Operating Officer, Florida Hurricane Catastrophe Fund

Patricia Born, Ph.D. Insurance Finance Expert, Florida State University

Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

October 7, 2024

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On September 23, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim model updates for North Atlantic Hurricane Models 23.0.3 (Build 2250) and North Atlantic Hurricane Models 24.0.1 (Build 2350) available on Risk Modeler 2.37.0 and RiskLink 24.0 platforms acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Model Updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim model update letters and the completed Interim Model Update Certification Forms, and agree that the model updates appear functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 23.0.3 (Build 2250) on the Risk Modeler 2.37.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 23.0.2 (Build 2250), and that the North Atlantic Hurricane Models 24.0.1 (Build 2350) on the Risk Modeler 2.37.0 and RiskLink 24.0 platforms is functionally equivalent to the North Atlantic Hurricane Models 24.0 (Build 2350) and are acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Steve Paris, Chair

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Kevin Guthrie Director, Florida Division of Emergency Management

October 23, 2024

Patricia Born, Ph.D.

Insurance Finance Expert,

Florida State University

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On October 22, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0.1 (Build 2350) available on Risk Modeler 2.38.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0.1 (Build 2350) on Risk Modeler 2.38.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Steve Paris Chair

Timothy Barnett, FCAS, CPCU, ARe Vice Chair Actuary, Property and Casualty Industry Kathleen Hurta, FCAS Actuary, Florida Hurricane Catastrophe Fund Advisory Council

Gary Leavens, Ph.D. Computer Systems Design Expert, University of Central Florida

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

December 11, 2024

Patricia Born, Ph.D.

Insurance Finance Expert,

Florida State University

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On December 4, 2024, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0.1 (Build 2350) available on Risk Modeler 2.39.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0.1 (Build 2350) on Risk Modeler 2.39.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

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Steve Paris Chair Timothy Barnett, FCAS, CPCU, ARe Vice Chair Actuary, Property and Casualty Industry Kathleen Hurta, FCAS Actuary, Florida Hurricane Catastrophe Fund Advisory Council

Gary Leavens, Ph.D. Computer Systems Design Expert, University of Central Florida

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer, FSU/FAMU College of Engineering

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Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

January 7, 2025

Patricia Born, Ph.D.

Insurance Finance Expert,

Florida State University

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On January 6, 2025, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0.1 (Build 2350) available on Risk Modeler 2.40.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0.1 (Build 2350) on Risk Modeler 2.40.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Steve Paris Chair

Timothy Barnett, FCAS, CPCU, ARe Vice Chair Actuary, Property and Casualty Industry Kathleen Hurta, FCAS Actuary, Florida Hurricane Catastrophe Fund Advisory Council

Gary Leavens, Ph.D. Computer Systems Design Expert, University of Central Florida

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer, FSU/FAMU College of Engineering

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Tasha Carter Insurance Consumer Advocate, Florida Department of Financial Services

Tim Cerio President, CEO & Executive Director, Citizens Property Insurance Corporation

Peggy Cheng, ACAS, MAAA Actuary, Florida Office of Insurance Regulation

Kevin Guthrie Director, Florida Division of Emergency Management

January 30, 2025

Patricia Born, Ph.D.

Insurance Finance Expert,

Florida State University

Mr. Matt Pinkowski Risk Management Solutions, Inc. 7575 Gateway Boulevard Newark, California 94560

Dear Mr. Pinkowski,

On January 28, 2025, Moody's RMS requested the Florida Commission on Hurricane Loss Projection Methodology (Commission) consider the interim platform update for North Atlantic Hurricane Models 24.0.1 (Build 2350) available on Risk Modeler 2.41.0 acceptable under the 2021 Hurricane Standards.

In accordance with the procedures for Interim Platform updates after a Model has been Determined to be Acceptable by the Commission, as Chair, I have reviewed and assessed, with input from two Professional Team members, the interim platform update letter, and the completed Interim Platform Update Certification Form, and agree that the platform update appears functionally equivalent to the current accepted Florida hurricane model.

This letter confirms that the North Atlantic Hurricane Models 24.0.1 (Build 2350) on Risk Modeler 2.41.0 is functionally equivalent to the North Atlantic Hurricane Models 23.0 (Build 2250) and is acceptable for projecting hurricane loss costs and hurricane probable maximum loss levels for residential rate filings in Florida. The determination of acceptability expires on November 1, 2025.

Sincerely,

Paris

Steve Paris Chair Kathleen Hurta, FCAS Actuary, Florida Hurricane Catastrophe Fund Advisory Council

Gary Leavens, Ph.D. Computer Systems Design Expert, University of Central Florida

Sean Martin, Ph.D., P.E. Licensed Professional Structural Engineer, FSU/FAMU College of Engineering

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