

1 A RESOLUTION honoring Morehead State University for leading the Lunar
2 IceCube Mission to the moon.

3 WHEREAS, the Lunar IceCube is a nanosatellite that was designed, constructed,
4 and tested by more than 50 Morehead State University students and faculty to be part of
5 the Artemis I mission to study the moon conducted by the National Aeronautics and
6 Space Administration (NASA); and

7 WHEREAS, the Lunar IceCube will carry a NASA instrument called the Broadband
8 Infrared Compact High-Resolution Exploration Spectrometer (BIRCHES) as it orbits the
9 moon to help map the distribution and dynamics of water on the moon's surface, which is
10 mostly in the form of ice; and

11 WHEREAS, the Lunar IceCube mission will also seek to investigate transportation
12 physics to help inform NASA's future human and robotic exploration plans; and

13 WHEREAS, the Lunar IceCube was successfully launched on Wednesday,
14 November 16, 2022, to begin its 18-month mission;

15 NOW, THEREFORE,

16 ***Be it resolved by the Senate of the General Assembly of the Commonwealth of***
17 ***Kentucky:***

18 ➔Section 1. The members of this Senate do hereby recognize and honor
19 Morehead State University, and the 50 students and faculty who composed the Lunar
20 IceCube Mission team, for being a part of this incredible contribution to the future of
21 space exploration.

22 ➔Section 2. The Clerk of the Senate shall transmit a copy of this Resolution to
23 Senator Stephen West for presentation to the honorees.