

THE TREASURY DEPARTMENT
Citizens Coinage Advisory Committee
801 Ninth Street, NW, Washington, DC 20220



United States Mint
801 9th Street NW
Washington DC 20220
Minutes of CCAC Telephonic Public Meeting
November 17, 2020
(8:36 am–3:12 pm)

I. Attendance

- a. CCAC Members in Attendance (telephonic):
- Thomas Uram (Chairman)
 - Lawrence Brown
 - Sam Gill
 - Dean Kotlowski
 - Mary Lannin
 - Michael Moran
 - Robin Salmon
 - Donald Scarinci
 - Jeanne Stevens-Sollman
 - Dennis Tucker
 - Peter Van Alfen
- b. Mint Officers and Staff in Attendance (telephonic):
- Betty Birdsong
 - Pam Borer
 - Russell Evans
 - Boneza Hancock
 - Ron Harrigal
 - Joe Menna
 - Megan Sullivan
 - Roger Vasquez
 - Jennifer Warren
 - Greg Weinman
- c. Members of the Media in Attendance (telephonic):
- Brandon Hall, *Coin Update* and *Mint News Blog*
 - Mike Unser, *Coin News*
- d. Others in Attendance
- Dr. Christine Darden
 - JoWarren Halback

- Joylette Hylick
- Katherine Moore
- Donyale Reavis, Esq.
- Andrew Adams, Notary Public (transcribing reporter)

II. Minutes

1. The public meeting was called to order by Chairman Thomas Uram at 11:00 am. Roll was called; media attendance was recognized; and the attendance of Mint staff and Congressional Gold Medal liaisons was recognized.
2. The minutes and letters to the Secretary of the Treasury from the Committee's September 22-23, 2020, public meeting were unanimously approved.
3. The Committee's 2020 Annual Report to Congress was approved with allowance to the Mint to make formatting and grammatical edits as necessary and appropriate, said edits to be communicated to Chairman Uram before submission to Congress.
4. The Mint presented the candidate obverse and reverse designs for the Congressional Gold Medal honoring Mrs. Katherine Johnson in recognition of her service to the United States as a mathematician working for the National Advisory Committee for Aeronautics (NACA) and the National Aeronautics and Space Administration (NASA).
 - Donyale Reavis, Esquire, attorney for the Johnson family, attended the Committee meeting by videoconference. Two of Katherine Johnson's daughters, Katherine Moore and Joylette Hylick, also attended the meeting by videoconference. They gave insight to the Committee on the family's design preferences.
 - Committee members thanked Mrs. Moore and Mrs. Hylick for their mother's service to the nation, and after discussion the Committee made these recommendations:
 - For the obverse: Design KJ-O-07, showing Katherine Johnson in front of a variety of equations used to calculate the orbits and trajectories of spacecraft.
 - For the reverse: Design KJ-R-08, featuring a diagram on a chalkboard showing Apollo 11's lunar lander linking up with the command and service module. Inscriptions are "CALCULATING THE ORBITAL FLIGHTS FOR THE APOLLO SPACE PROGRAM," "RENDEZVOUS," "LUNAR LIFTOFF," and "EARTH." The Committee recommended an additional inscription, "ACT OF CONGRESS 2019," be incorporated into this design.
5. The Mint presented the candidate obverse and reverse designs for the Congressional Gold Medal honoring Dr. Christine Darden in recognition of her contributions to the success of NASA during the Space Race.

- Dr. Darden attended the Committee meeting, by videoconference. She answered questions and discussed the candidate designs with the Committee, after which these recommendations were made:
 - For the obverse: Design CD-O-24. This design received 26 of 33 possible points in the Committee’s scoring. It shows Dr. Darden holding a model of a Mach 2 plane that she developed, based on a technical paper, to minimize sonic boom. It also features her guiding principles: “PERCEIVE, PLAN, PREPARE, PERSIST.”
 - For the reverse: Design CD-R-05. This design received 24 of 33 possible points in the Committee’s scoring. It features stars symbolizing Dr. Darden’s four decades of service at NASA, and a graph showing a sonic boom cone hitting the ground, explaining in visual form the mathematical formulas that describe the air pressures involved in sonic boom minimization. Inscriptions read “SONIC BOOM MINIMIZATION LEADER AT NASA FOR 14 YEARS” and “DR. CHRISTINE DARDEN.” The Committee recommended that the inscription of Dr. Darden’s guiding principles (“PERCEIVE, PLAN, PREPARE, PERSIST”) be removed from the reverse design, to avoid repetition of the same inscription on the obverse, and addition of the words “ACT OF CONGRESS 2019.”
6. Chairman Uram invited a motion to adjourn and the meeting was adjourned at 12:34 pm.