

**Minutes of the Board of Directors of the Radio Amateur Satellite Corporation
March 17, 2020**

1. Pursuant to due notice, the Board of Directors of the Radio Amateur Satellite Corporation convened by teleconference at 8:01 p.m. Eastern Daylight Time on March 17, 2020, with President Clayton Coleman, W5PFG, in the chair and the following directors present:

Mr. Jerry Buxton, NOJY
Dr. Tom Clark, K3IO
Mr. Drew Glasbrenner, KO4MA
Dr. Mark Hammond, N8MH
Mr. Bruce Paige, KK5DO
Mr. Patrick Stoddard, WD9EWK
Ms. Michelle Thompson, W5NYV

Mr. Buxton and Mr. Glasbrenner were also present in their roles as Vice President-Engineering and Vice President-Operations, respectively.

Also present without vote were Executive Vice President Paul Stoetzer, N8HM; Frank Bauer, KA3HDO, Vice President-Human Spaceflight; Robert Bankston, KE4AL, Vice President-User Services and Treasurer; Alan Johnston, KU2Y, Vice President-Educational Relations; Frank Karnauskas, N1UW, Vice President-Development; Sean Kutzko, KX9X, Volunteer Coordinator; Martha Saragovitz, Manager; and Brennan Price, N4QX, First Alternate Director and Secretary.

2. Mr. Price presented the minutes of the February 4, 2020, board meeting. On motion of Mr. Paige, seconded by Dr. Hammond, these minutes were adopted.

3. Mr. Coleman presented his report, stressing his goals of modernizing the corporation, reducing of operating expenses, and promoting self-service, reliance on teams, and the eventual closure of the physical office. He described Mr. Kutzko's new role as Volunteer Coordinator, focused on identifying, engaging, and assigning volunteer resources. Mr. Coleman discussed the potential impact of the public health situation on planned events, including Hamvention and Symposium, and possible alternative events to replace the outreach and development activities associated with these events. Finally, Mr. Coleman suggested that it was timely to review the bylaws, last modified in 1989, to ensure continued relevance.

On motion of Ms. Thompson, seconded by Dr. Clark, it was voted to form a bylaws committee to review the bylaws and make suggestions for changes with all seven directors voting aye.

4. Mr. Bankston presented a report on organization finances, noting that revenues have exceeded expenses for eight of the past 10 years, with fluctuations generally a result of timing differences between project fundraising efforts and necessary expenditures.

5. Mr. Stoetzer presented the report of the Executive Vice President. He noted that the Executive Vice President's portfolio is defined by the Board and has often been a function of the support needed in

other offices. With a full slate of officers, his attention has been focused on industry outreach and advocacy efforts.

6. Mr. Buxton presented the report of the Vice President-Engineering. He discussed the linear transponder module effort and the effort to have further units manufactured. Fox-1E remains ready for delivery to the launch integrator. Work on GOLF-TEE continues, and the engineering team will proceed to GOLF-1 upon completion.

7. Mr. Glasbrenner presented the report of the Vice President-Operations. AO-7 continues to function in Mode B when not in eclipse, switching to Mode A periodically during periods of constant illumination or when receiving excess peak power density, usually during CW operation. FalconSat-3 is working well without the clock, which will be reset if necessary. AO-85 ended its mission in February. AO-91 and AO-92 are performing well, with heavy traffic on mid-US passes.

8. Mr. Bankston presented the report of the Vice President-User Services. He discussed the final development and initial implementation of the membership portal. AMSAT News Service continues to seek an Assistant Editor.

9. Mr. Bauer presented the report of the Vice President-Human Spaceflight. He discussed alternatives to traditional ARISS contacts due to the public health situation under consideration. Commitments of support and funding from AMSAT organizations worldwide for the Lunar Gateway activity of the Amateur Radio Exploration (AREx) team will be critical.

10. Dr. Johnston presented the report of the Vice President-Educational Relations. He has been spending a great deal of time with a redesign of hardware for the CubeSat Simulator and has completed work. Development of kits and building of further loaner simulators continues to be aspired to.

11. Mr. Karnauskas presented the report of the Vice President-Development. He discussed ongoing efforts to expand development efforts to funding sources beyond the amateur radio community while maintaining efforts targeted toward radio amateurs. Trademark registration is being pursued for brands for AMSAT's youth initiative.

12. Mr. Price presented the report of the Secretary. He expressed appreciation for the Board's feedback on the two sets of minutes he has prepared to date. He suggested that a manner to approve minutes more expeditiously before the next scheduled board meeting, or to permit publication of drafts in advance, may be worth consideration. The corporate registration for 2020 has been completed, and options for conducting the election were being investigated.

13. Mr. Bankston presented the report of the Treasurer, reviewing recent financial statements and addressing questions.

14. Ms. Thompson reported on recent discussions with FD Associates with respect to development and refinement of ITAR policy.

15. On motion of Ms. Thompson, seconded by Dr. Clark, it was unanimously voted that the corporation will provide written commitment of its interest in pursuing Lunar Gateway with AREx, as described in Mr. Bauer's report. Further discussion regarding roles and responsibilities the corporation could undertake as part of this commitment was deferred.

16. The board and officers engaged in discussion on a variety of items, including messaging in forthcoming fundraising efforts and the engagement of outside counsel. Consensus was reached that ongoing engagement of certain outside counsel was not needed at this time.

17. On motion of Mr. Paige, seconded by Ms. Thompson, the board voted to adjourn at 11:28 p.m. Eastern Daylight Time.

/s/ Brennan T. Price

Brennan Price

Secretary

Radio Amateur Satellite Corporation