

To: Ms Marlene H. Dortch, Secretary, Federal Communications Commission
45 L Street N.E., Washington D.C. 20554

Sept. 20, 2022

Re: SpaceX/Starlink Gen 2 proposal
IBFS File No. SAT-LOA-202000526-00055
IBFS File No. SAT-AMD-20210818-00105

Dear Ms Dortch,

Please save our night sky. I am writing to urge the FCC to deny or indefinitely defer the Starlink application.

These are the urgent points that I must ensure that you are aware of:

- We do not know how much harm *continuous re-entry burns* of satellites may cause to the atmosphere. It may cause another ozone hole due to aluminum droplets left from the burning satellites. This is happening too fast for us to study.
- People or aircraft may face lethal events from being hit by satellite parts. It is just a matter of time until someone dies or an aircraft crashes from being hit by a satellite part.
- Asteroid detection, an urgent matter for our survival, will be hindered. What if we miss a catastrophic earth-bound asteroid because satellite trails blocked the data and prevented detection?
- The constant re-entry burning of satellites may cause *global light pollution* due to innumerable reflective satellite particles left in orbit. Light pollution is known to increase cancer risk.
- We are headed to solar maximum. This is almost guaranteed to destroy many, many of these satellites anyway. Starlink has already lost 40+ satellites from geomagnetic activity in the past 8 months.

I started studying astrophysics in part because of my love of the night sky. How many future scientists will we lose by blocking out the stars? Scientists are our soldiers, working to protect us from viruses and asteroids. I live at the edge of the world and I have great internet service without Starlink. But the last time I went to star-gaze, the first thing I noticed was several satellites and the crawling motion of so many satellites made me feel ill.

Please, please don't take away my stars.

To feel that my place of comfort and calm - a starry sky - is being taken away and given to billionaires is suffocating. But even worse, there is way too much unknown in terms of how severely these thousands of constantly-burning disposable satellites may damage our climate to allow the approval of Starlink's application.

Sincerely,

Sierra Solter Hunt
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