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Civil liability for damage caused by global navigation satellite system

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Propositions relating to the dissertation

Civil Liability for Damage caused by Global Navigation Satellite System

By Dejian Kong

1. A uniform governance structure is necessary for institutional guarantees and legal certainty for all innovative solutions to mitigate GNSS risks and to avoid related accidents.
2. 'GNSS civil liability' refers to the obligation to make monetary reparation for any damage caused by core GNSSs, augmentation systems and regional systems, but not for the damage caused by GNSS value-added services and the malfunctioning of the user equipment.
3. GNSS civil liability is an international liability, and it thus needs an international solution.
4. The issue of GNSS civil liability is not in a legal vacuum, but neither international air law nor international space law presents much success on the adequacy of victims' compensation and the fairness in the allocation and channel of civil liability.
5. Free of charge does not free GNSS providers from civil liability. But, an authorised mechanism for GNSS safety-of-life signals with a policy on charges may ensure a higher degree of safety for safety-critical applications.
6. A contractual chain focusing on the provision of safety-of-life signals would be an appropriate and feasible approach to achieve an international solution for the issue of GNSS civil liability.
7. When the oligopoly of GNSS ends and the commercialisation of GNSS begins, the establishment of an international legal framework for GNSS starts. But, it is irresponsible to wait for an accident to happen merely to justify the need for an appropriate legal regime of GNSS.
8. Aerospace (air & space) law is an interdisciplinary subject with legal sources from all aspects of law going around an 'aircraft' and a 'spacecraft', where international law and domestic legislation are equally important.

9. The world needs more institutes focusing on the study and teaching of aerospace law.
10. We should work together to forge a new partnership of win-win cooperation and create a community of shared future for mankind.
11. Only being with the family, a PhD journey will become a true life.
12. The birth of a baby may not offer you an inspiration of creation, but it will for sure give you motivation and responsibility to speed up the writing of your thesis.