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LEGAL IMPLICATIONS OF CONCEALING TECHNOSIGNATURES: EXPLORING OBLIGATIONS,
CONSEQUENCES, AND A FRAMEWORK FOR TRANSPARENCY

Abstract

While the study of extra-terrestrial technosignatures has reached unprecedented levels of international cooperation, recent news reports indicate potential concealment of technosignatures by a sovereign state from the broader space community. This research paper explores the legal ramifications of any country's decision to withhold details of such Extra-Terrestrial Intelligence (ETI) from other countries and the space community at large.

Firstly, it explores whether the obligation to share scientific knowledge in the current legal framework governing space activities extends to sharing the potential discovery of ETI, while analyzing justifications for non-disclosure based on sovereign and national security concerns.

Secondly, the article investigates the potential consequences of non-disclosure on international cooperation, scientific advancement, and ethical considerations.

In conclusion, this research underscores the necessity for transparent communication and a collaborative approach to the dissemination of ETI while proposing a comprehensive legal framework to address issues of non-disclosure.