

evolve into indoor and private campus-area networks for handheld and pen-based personal information devices.³⁹

CONCLUSION

Spectrum is needed for both FS and FSS. Making such spectrum available on a shared, co-primary basis with satellite users will not work. The record of all the rulemakings underlying the NPRM undeniably prove this fact.

Equitable separate allocations for FS and FSS are important to the long term viability of both these important services. In the spirit of cooperation, TIA herein seeks to address these needs. It urges the Commission and the satellite industry to work together with FS users and manufacturers in seeking a solution.

More importantly, TIA proposes a framework for such compromise by optimizing the band structures and by opening 2 x 500 MHz for future satellite and for future FS applications. Its band plan alternative would avoid band sharing, which has not been proven to be workable. Each service could initiate operations in currently allocated spectrum. With this approach as a starting point, and

³⁹ITU Working Party 1B, An Overview of U.S. Millimeter Wave Activities, Doc. No. USSG 1/14 (July 7, 1995) at 9. The Commission has reiterated the importance of using its regulatory jurisdiction to increase competition and open foreign markets for U.S. industry. The Commission adopted rules that would allow it to consider the availability of competitive opportunities for U.S. industry overseas as an important factor in deciding whether foreign companies can export goods and services into the U.S. Market Entry and Regulation of Foreign-affiliated Entities, Report and Order, 11 FCC Rcd 3873 (1995). An essential element, in ensuring such a level playing field, is allocating spectrum when the opportunity arises to be consistent with international allocations. Such an opportunity exists in this proceeding.

with the Commission's support, TIA is hopeful that FS and FSS users will have adequate spectrum to continue providing their valuable services.

Respectfully submitted,

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May 2, 1997

289565/gw03

TIA Proposed Band Plan

APPENDIX A

