

Acknowledgments

We are especially grateful, and wish to dedicate this work, to George M. Resch (1941–2001) for his untiring support in pursuing the use of very long baseline interferometry (VLBI) techniques and equipment to implement full-spectrum arraying. His encouragement and expertise led to its being developed originally as a technology project and finally as a method to enhance telemetry for the Galileo Project.

We would also like to express our appreciation to the large number of people who have contributed to arraying development in the DSN, and consequently to many parts of this monograph on the subject. While it is not possible to name everyone, certain individuals deserve special mention because of their key contribution to the preparation of the material presented here: Roger A. Lee, Robert Kahn, Andre Jongeling, Sue Finley, Dave Fort, William Hurd, James Ulvestad, Biren Shah, Sampson Million, and Joseph Statman. One individual who deserves special acknowledgment is Sami Hinedi. His work, together with that of one of the authors (Alexander Mileant), provided the basis for much of the receiver and array analysis presented in Chapters 5 through 7.