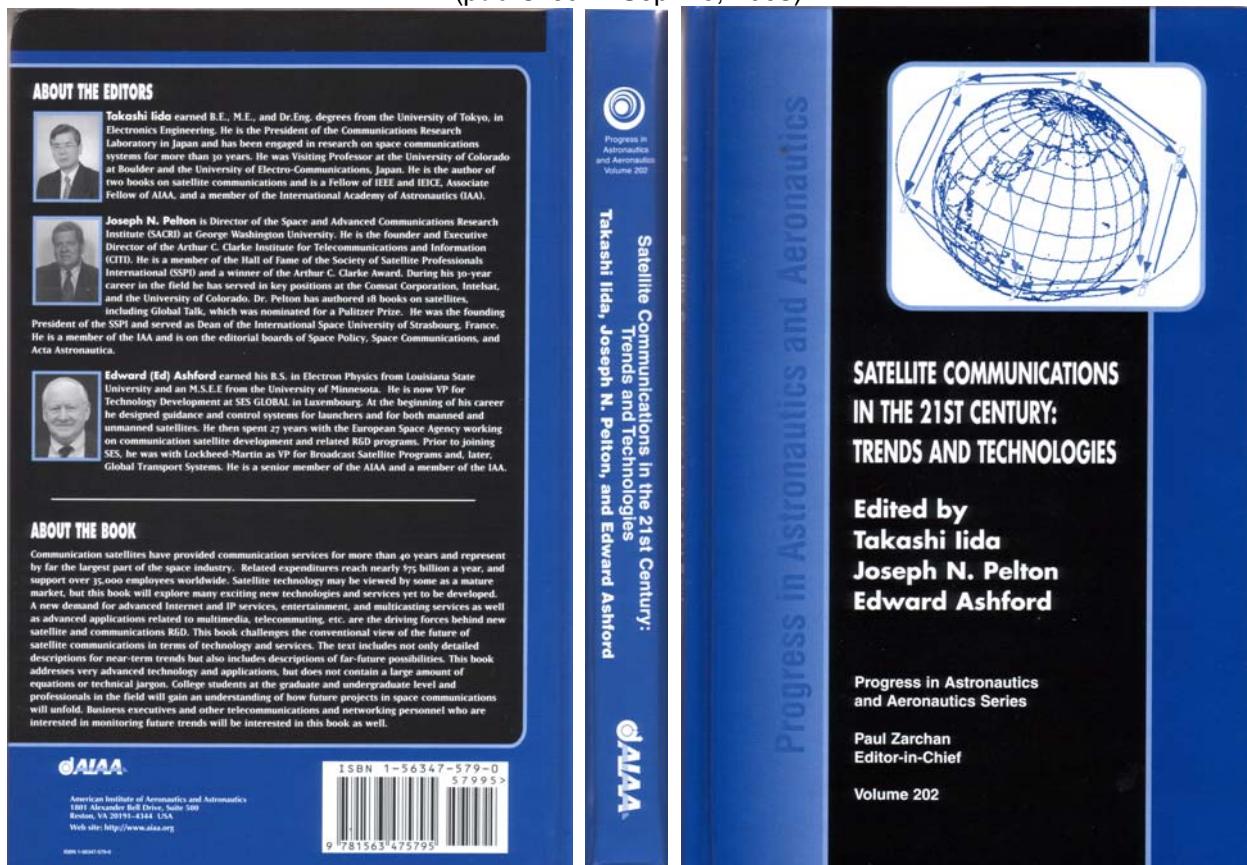


A Book on Satellite Communications was Published by AIAA from Activity in JFSC

T.Iida, J.N.Pelton and E.Ashford, edited: "Satellite Communications In the 21st Century: Trends and Technologies," AIAA Progress in Astronautics and Aeronautics Series, Vol. 202, 2003
(published in Sep. 10, 2003)



When activity of JFSC (Japan Forum on Satellite Communications) began and passed for a while, and publication of SJR (Space Japan Review) went on orbit, the SJR editorial committee members talked that it would be good if we made a book about satellite communications. This idea was pushed forward by all means when I told this to Mr. Iasiello in charge of international relation of AIAA. When Mr. Williams in charge of publication of AIAA visited Japan in April, 2001, it was expected that I pushed forward the idea in a hurry, and submission of a proposal was demanded. Thus I pushed it forward as a tentative major contributor, but because it is published by AIAA, internationality is desirable, Dr. Pelton, Professor of George Washington University and Mr. Ashford of SES Global were asked as editors and authors and Dr. Wakana and Mr. Kadowaki of Communications Research Lab. from Japan. A proposal on a book was submitted to AIAA in August, 2001, and a publishing contract was concluded in July, 2002. It was February, 2003 that a manuscript was completed. Then passed the AIAA review for the manuscript, it was published at last on September 10, 2003. I would like to give my sincere thank to persons concerned for their effort and support to this publication. I am happy if many all of you can read this book.

In addition, the title of this book is shown above, but shows constitution of a chapter and authors are indicated in the table below, A total page number is 220 pages, and a price is \$79.95, but an AIAA member price is \$59.95. The other details are in the URL below, if you are interested.

<http://www.aiaa.org/store/storeproductdetail.cfm?id=1001>

Title	Satellite Communications in the 21st Century: Trends and Technologies			
Contents	Preface		Author(s)	Affiliation
Chapter One	Overview of Satellites Communications		J.N.Pelton	George Washington Univ.
Chapter Two	Principles of Satellite Communications System		E.Ashford	SES Global
Chapter Three	Internet and New Broadband Satellite Capabilities		N.Kadowaki	Com. Res. Lab.
Chapter Four	Mobile Service Update		H.Wakana	Com. Res. Lab.
Chapter Five	The Future of Satellite Broadcasting Systems		E.Ashford	SES Global
Chapter Six	Technical Profile of Next Generation Satellite Technologies		H.Wakana and T.Iida	Com. Res. Lab.
Chapter Seven	The Next Thirty Years		T.Iida and J.N.Pelton	George Washington Univ. and Com. Res. Lab.

Finally, I hesitate to say by myself, but this book is very suggestive for a future design. I would like to add that I quoted this book twice in my paper* presented in the recent IAC2003.

(Written down by Takashi Iida)

* T.Iida, Y.Suzuki, Y.Arimoto and A.Akaishi: "Global Ring Satellite Communications System For Future Broadband Network", 54th International Astronautical Congress, Bremen, Germany, IAC-03-M.1.04, Sep.30, 2003.