

HIGH FREQUENCY RADIO AUTOMATIC LINK ESTABLISHMENT (ALE) APPLICATION HANDBOOK

CONTENTS

Chapter No.		Page
	Part I. User's Guide	
	Preface.....	i
1	Introduction.....	1
2	Requirements for Automatic and Adaptive HF Radio.....	4
3	ALE.....	20
4	Third Generation HF Messaging Protocol.....	27
	Part II. System Engineer's Guide	
5	System Design Criteria.....	58
	Part III. Network Manager's Guide	
6	Establishing Network Parameters.....	108
	Annexes	
Annex 1	Communications Media.....	129
Annex 2	Propagation Prediction.....	161
Annex 3	HF Transmitting and Receiving Equipment.....	209
Annex 4	Examples of HF ALE Radio Networks.....	217
Annex 5	Linking Protection.....	223
Annex 6	HF E-mail.....	229
Annex 7	HF Internet Access.....	243
Annex 8	Terminology.....	265
Annex 9	References/Bibliography... ..	285