

Contents

- 1 Introduction and Summary 1**
 - Introduction 1
 - Workshop Highlights—The Context 2
 - Workshop Highlights—The Technologies 15

- 2 Organization and Planning Requirements: Lessons Drawn from Past Operations 23**
 - Introduction 23
 - Organizational Requirements 23
 - Information/Intelligence 24
 - Command and Control 24
 - Operations 24
 - Organizational Applications 25
 - Force Strength 27
 - Planning Requirements 27
 - Requirements 28
 - Command and Control 28
 - Logistics 28
 - Public Relations 28
 - Operational Procedures 28
 - The Legal Aspects 28
 - Budget and Finance 29
 - Concluding Remarks 29

- 3 Case Study: The Multilateral Force in The Sinai 31**
 - The Multinational Force and Observers 31
 - Technology in the Structure of Treaty CBMs 34
 - Training Programs 36

4	Extended Peacekeeping: Planning and Technical Requirements: Lessons from Recent Operations	41
	Introduction	41
	Peacekeeping and Peace-Enforcement	42
	International Intervention in Somalia	43
	The United Nations in Former Yugoslavia	47
	Peacekeeping on the Ground, Peace-Enforcement from the Air	49
	Conclusions	50
5	Lessons from Cambodia: Strengthening United States Intervention	53
	The Challenge for Peacekeeping	53
	The Use of Force	54
	Supporting Enhanced United Nations Intervention	55
6	New Zealand and Collective Security	63
	Introduction	63
	Thorough Preparation Pays Off	64
	Future Operations Require Similar Commitment	64
	International Commitment is Constantly Tested	65
	International Consensus Exists	65
	Smaller Countries also Play a Vital Role	66
	The Peacekeeping Process Needs Reexamination	68
	Put Peacekeeping Operations in Perspective	68
7	Peace Enforcement Organizational Planning and Technical Requirements	69
	Lessons from Recent Operations	69
	Peace Enforcement Lessons	70
	Peacekeeping Definitions	70
	The UN Charter	70

	The Current and Future Security	72
	The UN Response	73
	Organization and Planning in the UN	74
	Organization and Planning in the Field	76
	Technology Requirements	76
	Conclusion	78
8	UNOSOM II: Could Technology Have Made a Difference?	79
	Operation was Far from a Failure	79
	Can Peacekeeping Be Accomplished by the UN?	80
	The Challenge of a Chapter VII UN Force	80
	Tasks for Technology	81
	Conclusions	86
9	UNPROFOR and UNTAC: Lessons Learned as to Requirements for Planning, Training, and Equipment	87
	Introduction	87
	Training	89
	Equipment	90
	Bibliography	91
10	Technology and Peacekeeping: Too Good to Be True?	93
	Money	95
	Feasibility	96
	Scope of the Requirement	97

11 Mine Problems in Peacekeeping Operations 99

Introduction 99

What is a Mine? 99

The Implications of Today's Demining Efforts 103

What Can We Do? 103

The Correct Use of Technology and the Correct Use of
Hope 104

12 Technologies to Support Peacekeeping Operations 105

Introduction 105

Background 106

Sensors 106

Mine Detection/Clearing 108

Non-Lethal Weapons 110

Planning 111

Intimidate/Persuade 111

Perception/Reality of Invincibility 111

Immobilizing Engines of War 112

Remove Infrastructure 112

Neutralize Personnel/Temporary Incapacitation of
Combatants 112

Summary of Non-Lethal Weapons 112

Conclusion 114

13 Non-Lethal Weapons: A Synopsis 115

Purpose 115

Aim 115

Background 115

Definition and Classification 116

Utility 117

Types of Forces that Might be Equipped 118

An Approach to Using NLW 123

Factors and Principles Governing NLW Use	124
Principles	125
Selection of Non-Lethal Technologies	125
Interoperability	125
Logistics and Training	125
Summary	126
Conclusions	126

14 The Role of Technology in Peace Operations 127

Introduction	127
Policy Framework	128
Sensor Systems for Peacekeeping and Peace Enforcement	128
Less-than-Lethal Weapons	129
Mine Clearance	130
Conclusion	131

Appendix A: Workshop Agenda 133

Workshop on Improving the Prospects for Future Peace Operations: Tactics, Technology, Training	133
--	-----

Appendix B: Advisory Panel 135