

CHAPTER 1

INTRODUCTION

1-1. Purpose and Scope

a. This manual is designed to prepare the individual soldier and small unit commander to conduct military operations for extended periods of time under the most severe and varying cold weather climatic conditions. The doctrine and techniques in the manual are applicable in any area that has cold weather and snow with their accompanying operational problems. Troops *properly trained* in this doctrine and these techniques will be able to fight; live; and move in any cold weather area of the world.

b. The provisions of SOLOG Agreement 23R, Arctic Doctrine are implemented in this manual.

c. The material contained herein emphasizes that cold, with its attendant problems affects military operations but does not prevent them. The proper use of authorized equipment and field expedients will, to a major degree, overcome any problems encountered as a result of the cold. It is the commander's responsibility to train his men so they can make the environment save military operations, *not hinder them*. The material presented herein is applicable, without modification to nuclear and nonnuclear warfare, employment of, and protection from, chemical, biological, and radiological agents, and internal defense and development operations.

d. Throughout this manual reference is made to the additional time required to conduct various tasks in cold weather operations. This requirement cannot be overemphasized and must be included in all planning. In addition to the increased amount of time consumed in actual movement, allowance must be made for other time consuming tasks that are not present in temperate zone operations.

These include, among others, erecting and striking tents, performing maintenance, constructing roads, starting and warming engines, movement of supplies, and hundreds of other small tasks that must be performed while wearing bulky cold weather clothing.

e. Insofar as possible illustrations used in this manual reflect Standard A items of clothing and equipment. However, because of non-availability of some items at time of publication, some illustrations show Standard B or C items of clothing (para 2-7).

f. Measurements in this manual to the extent practicable, reflect both the Metric and U.S. systems; however, in some cases figures will show only the U.S. system. For ease in transposition, meters have been converted to yards on a one for one basis. For more exact measurements use the conversions shown in appendix H.

g. Users of this manual are encouraged to submit recommendations to improve its clarity or accuracy, Comments should be keyed to the specific page, paragraph, and line of the text in which the change is recommended. Reasons should be provided for each comment to insure understanding and complete evaluation. Comments should be forwarded direct to Commanding General, United States Army, Alaska, APO Seattle 98749. Originators of proposed changes which would constitute a significant modification of approved Army doctrine may send an information copy, through command channels, to the Commanding General, United States Army Combat Developments Command, Fort Belvoir, Virginia 22060, to facilitate review and followup.

1-2. Relation to Other Manuals

This manual is prepared with the assumption that normal individual and basic unit

training have been completed. The manual should be used in conjunction with the basic field manuals of the arms and services as well as FM 31-71 and FM 31-72. Appropriate technical manuals contain detailed information

beyond the treatment given in this manual on the operation and maintenance of equipment during cold weather operations. Appendix A contains a list of supplementary manuals and references.