

CHANGE SHEET 2

1. Synopsis. This change sheet corrects minor administrative errors in the W221, Map Reading Training Support Package.

2. Pen and ink changes: none.

3. Page change(s): Remove old pages and insert revised page(s) as indicated.

Remove Pages

1 thru 9

Insert Pages

1 thru 9

4. Additional changes that need explaining: none.

5. File this sheet in front of the TSP for reference purposes.

6. Approval of change sheet.

Name/Signature	Rank	Position	Date
Frank W. Berta	GS11	Training Specialist	
Victor A. LeGloahec	SGM	Chief, PLDC	
Marion Lemon	SGM	Chief, CDDD	

TRAINING SUPPORT PACKAGE (TSP)

TSP Number / Title	W221 / MAP READING
Effective Date	01 Oct 2003
Supersedes TSP(s) / Lesson(s)	M207, Map Reading, Nov 99. M207-RC, Map Reading, Jun 01.
TSP Users	600-PLDC, Primary Leadership Development Course 600-PLDC (MOD), Primary Leadership Development Course (Modified)
Proponent	The proponent for this document is the Sergeants Major Academy.
Improvement Comments	Users are invited to send comments and suggested improvements on DA Form 2028, <i>Recommended Changes to Publications and Blank Forms</i> . Completed forms, or equivalent response, will be mailed or attached to electronic e-mail and transmitted to: <p style="text-align: center;">COMDT USASMA ATTN ATSS DCP BLDG 11291 BIGGS FIELD FT BLISS TX 79918-8002</p> <p style="text-align: center;">Telephone (Comm) (915) 568-8875 Telephone (DSN) 978-8875</p> <p style="text-align: center;">E-mail: atss-dcd@bliss.army.mil</p>
Security Clearance / Access	Unclassified
Foreign Disclosure Restrictions	FD5. This product/publication has been reviewed by the product developers in coordination with the USASMA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

PREFACE

Purpose

This Training Support Package provides the instructor with a standardized lesson plan for presenting instruction for:

Task Number**Task Title****Individual**

071-326-0515

Select a Movement Route Using a Map

071-329-1006

Navigate from One point on the Ground to Another Point While Dismounted.

**This TSP
Contains**

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**Map Reading
W221 / Version 1
01 Oct 2003**

SECTION I. ADMINISTRATIVE DATA

All Courses Including This Lesson	<u>Course Number</u>	<u>Version</u>	<u>Course Title</u>
	600-PLDC	1	Primary Leadership Development Course
	600-PLDC MOD	1	Primary Leadership Development Course (Modified)

Task(s) Taught(*) or Supported	<u>Task Number</u>	<u>Task Title</u>
		<u>INDIVIDUAL</u>
	071-326-0515 (*)	Select a movement route using a map
	071-329-1006 (*)	Navigate from one point on the ground to another point while dismounted.

Reinforced Task(s)	<u>Task Number</u>	<u>Task Title</u>
	071-329-1000	IDENTIFY TOPOGRAPHIC SYMBOLS ON A MAP
	071-329-1001	Identify terrain features on a map
	071-329-1002	Determine Grid Coordinates of a Point on a Military Map
	071-329-1003	Determine a magnetic azimuth using a lensatic compass
	071-329-1004	Determine the elevation of a point on the ground using a map
	071-329-1008	Measure Distance on a Map
	071-329-1009	Convert azimuths
	071-329-1011	Orient a map using a lensatic compass.
	071-329-1012	Orientate a map to the ground by map terrain association
	071-329-1014	Locate an unknown point on a map and the ground by intersection
	071-329-1015	Locate an unknown point on a map and the ground by resection.
	071-329-1018	Determine direction without a compass.

Academic Hours	The academic hours required to teach this lesson are as follows:	
	<u>Resident</u>	
	<u>Hours/Methods</u>	
	8 hrs	20 mins / Conference / Discussion
	4 hrs	30 mins / Practical Exercise (Performance)
Test	0 hrs	
Test Review	0 hrs	
Total Hours:	13 hrs	

Test Lesson Number	<u>Hours</u>	<u>Lesson No.</u>
Testing (to include test review)	1 hr 30 mins	WE03 version 1

Prerequisite Lesson(s)	<u>Lesson Number</u>	<u>Lesson Title</u>
	None	

Clearance Access Security Level: Unclassified
Requirements: There are no clearance or access requirements for the lesson.

Foreign Disclosure Restrictions FD5. This product/publication has been reviewed by the product developers in coordination with the USASMA foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

References

<u>Number</u>	<u>Title</u>	<u>Date</u>	<u>Additional Information</u>
FM 3-25.26	MAP READING AND LAND NAVIGATION	20 Jul 2001	
FM 21-31	TOPOGRAPHIC SYMBOLS (REPRINTED W/BASIC INCL C1)	19 Dec 1968	
STP 21-1-SMCT	SOLDIER'S MANUAL OF COMMON TASKS SKILL LEVEL 1	31 Aug 2003	DRAFT (App C)
STP 21-24-SMCT	SOLDIER'S MANUAL OF COMMON TASKS (SMCT) SKILL LEVELS 2, 3, and 4	31 Aug 2003	

Student Study Assignments

Before class--

- Read Student Handout 1 (Appendix D) for student assignments.
- Complete the reinforcement training package (RTP) (Appendix D)—issued during inprocessing--and perform the practical exercises and complete the quizzes.
- Turn in the quizzes to your SGL NLT three days prior to the start of lesson W221, Map Reading.

During class--

- Participate in classroom discussion.

After class--

- Turn in recoverable references after the examination for this lesson.
-

Instructor Requirements

1:8, SSG, PLDC graduate, ITC and SGITC qualified

Additional Support Personnel Requirements

<u>Name</u>	<u>Stu Ratio</u>	<u>Qty</u>	<u>Man Hours</u>
None			

Equipment Required for Instruction

<u>ID Name</u>	<u>Stu Ratio</u>	<u>Instr Ratio</u>	<u>Spt</u>	<u>Qty</u>	<u>Exp</u>
6730-00-577-4813 SCREEN, PROJECTION	1:16	1:2	No	1	No
6730-00-P53-8147 Projector, Overhead	1:16	1:2	No	1	No
7110-00-132-6651 CHALKBOARD	1:16	1:2	No	1	Yes
7510-00-161-6215 RULER, NONMETALLIC	1:1	1:2	No	1	Yes
7520-01-424-4867 EASEL, DISPLAY AND TRAINING	1:16	1:2	No	1	Yes
7530-00-619-8880 PAD, WRITING PAPER	1:16	1:2	No	1	Yes
*GTA 5-2-12 COORDINATE SCALE AND PROTRACTOR	1:1	1:2	No	1	No
*SERIES MAPSHEET, LOCAL TRAINING AREA, 1:50,000	1:1	1:2	No	1	No
*SERIES V791 TENINO MAPSHEET, 1:50,000	1:1	1:2	No	1	No
* Before Id indicates a TADSS					

Materials Required

Instructor Materials:

- TSP.
- VGTs: 1 thru 17.

Student Materials:

- SH-1, Advance Sheet in Appendix D.
- Reinforcement Training Package SH-4 in Appendix D.
- FM 3-25.26 (SH-2) Map Reading and Land Navigation.
- STP 21-1-SMCT, Skill Level 1, Appendix C (DRAFT).
- STP 21-24-SMCT, Skill Level 2-4, Aug 2003.
- Lensatic compass.
- GTA 5-2-12 Coordinate Scale/Protractor.
- 1:50,000 Tenino map.
- 1:50,000 scale map of local STX area.

NOTE: Issued to students during inprocessing.

- Pencil and writing paper.

**Classroom,
Training Area,
and Range
Requirements**

CLASSROOM (40X40 PER 16 STUDENTS)

**Ammunition
Requirements**

<u>Id</u>	<u>Name</u>	<u>Exp</u>	<u>Stu Ratio</u>	<u>Instr Ratio</u>	<u>Spt Qty</u>
None					

**Instructional
Guidance**

NOTE: Before presenting this lesson, instructors must thoroughly prepare by studying this lesson and identified reference material.

Before class--

- PE-1 (Appendix C) contains a Reinforced Training Package (RTP)(SH-4) that students must complete. NCOAs have specific responsibilities outlined in PE-1 and the RTP that they must accomplish to assist the students in completing the training. Issue the RTP to the students during inprocessing, to include all material that support the RTP. **DO NOT** issue the quiz answer sheets attached at the end of the RTP.
- This TSP has special slide presentations for ELOs F, G, and H. The slide presentation walks the students through the ELOs the same as the TSP, using the same verbiage, problems, and solutions as the TSP. Commandants, whose schools have the capability to electronically project a slide presentation, may use the presentations. NCOAs can download the presentations from the USASMA website.
- This TSP has questions to check learning or generate discussion. You may add any questions you deem necessary to bring a point across to the group or expand on any matter discussed.
- You must know the information in this TSP well enough to teach from it, not read from it.
- This TSP presents references at the beginning of some of the paragraphs. This allows you to inform your students of where they should look in the reference to follow your instruction.
- The total instruction time for this TSP is 13 Hours. The TSP allows thirteen hours. Since there are no scheduled breaks in the TSP--due to the numerous practical exercises.

During class--

- Conduct the class accordance with this TSP.

After class--

- Collect all recoverable materials after the examination for this lesson.
-

**Proponent
Lesson Plan
Approvals**

<u>Name</u>	<u>Rank</u>	<u>Position</u>	<u>Date</u>
/s/Grace Joralmon /t/Joralmon, Grace	CIV	Training Specialist	16 Jul 03
/s/Brian H. Lawson /t/Barnes, Ronnie G.	MSG	Course Chief	16 Jul 03
/s/Brian H. Lawson /t/Lawson, Brian H.	SGM	Chief, NCOES	16 Jul 03
/s/Albert J. Mays /t/Mays, Albert J.	SGM	Chief, CDDD	16 Jul 03

SECTION II. INTRODUCTION

Method of Instruction: <u>Conference / Discussion</u>
Technique of Delivery: <u>Small Group Instruction (SGI)</u>
Instructor to Student Ratio is: <u>1:8</u>
Time of Instruction: <u>5 mins</u>
Media: <u>None</u>

Motivator

You are a warrior and a member of a team serving the people of America.

Warriors live the Army values and always place the mission first and never accept defeat. They will never quit or leave a fallen comrade behind. Warriors have discipline and they keep themselves physically and mentally tough. They train to maintain proficiency in their warrior tasks and drills, and they will always maintain their arms, equipment, and themselves. Warriors are experts and professionals standing ready to deploy, engage, and destroy the enemies of America.

To help prepare and develop your spirit of warrior ethos, you will learn that warrior leaders must have the ability to read a map. Failure could cause the injury or death of their soldiers. The ability to read and use a map is an important qualification for every warrior and a necessary skill of every warrior leader. The topographic maps we use provide us with comprehensive information on the existence, location, and distance between ground features. They also indicate variation in land forms, such as the elevation and relief of natural features that could affect us during a tactical operation. Few factors contribute as much to the survivability of soldiers and their equipment, and to the successful accomplishment of a mission as always knowing where they are and how to get to a designated point.
