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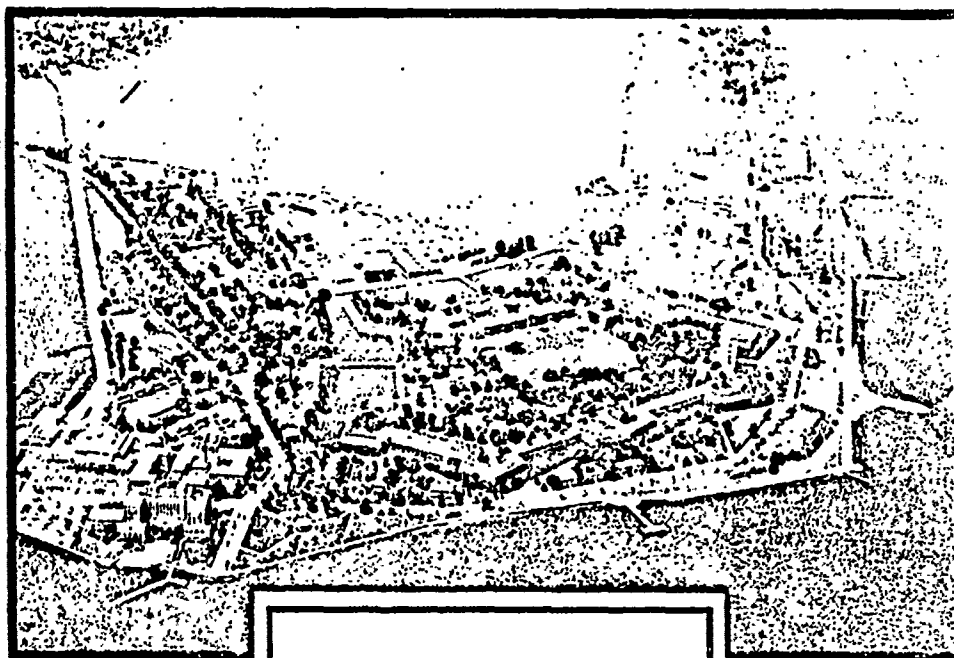
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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651



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Word Criticality Analysis

MOS: 45B

Skill Level 1

PREPARED BY: OPERATIONS DIV, DPFO

ATDP FORM
Oct 80 109-1

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1. REPORT NUMBER 45B	2. GOVT ACCESSION NO. AD-A116 639	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Word Criticality Analysis MOS: 45B Skill Level: 142		5. TYPE OF REPORT & PERIOD COVERED Final
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) Dr. Alexander A. Longo		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		12. REPORT DATE Sep 1981
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13. NUMBER OF PAGES 17
		15. SECURITY CLASS. (of this report) Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
16. DISTRIBUTION STATEMENT (of this Report) Approved for Public Release; Distribution is unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) MOS Vocabulary Readability Comprehension of text Curriculum Development		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report contains terms selected as having some degree of criticality in the training/performance of tasks contained in the respective MOS Soldier's Manual (SM). These critical words were selected by subject matter/job experts knowledgeable in their MOS. The vocabulary set used as the basis for critical word analysis was the Word Frequency Report based on the SM for the same MOS.		

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Contents and General Information

1. The Word Criticality Analysis (WCA) reports were reproduced exactly as generated via computer printout. The prime users of this document were fully cognizant of its contents and required no special instructions for interpretation. However, for the sake of other readers, the following brief description of contents is provided.

2. The WCA reports for most MOS are divided as follows:

- o Skill Level I
- o Skill Level II

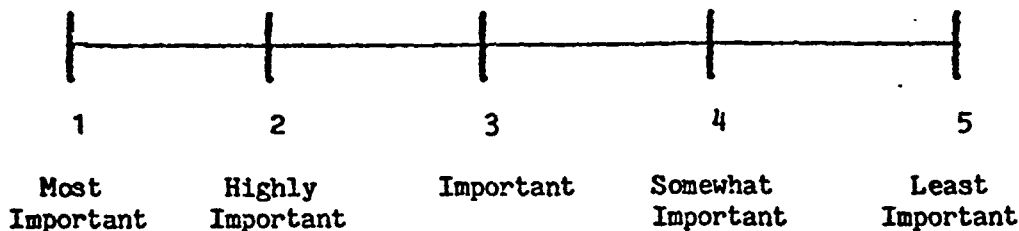
However, due to the way some Soldier Manuals are constructed, the WCA for some MOS have both Skill Levels merged into one report. Each Skill Level is subdivided into two sections.

a. Introductory - these MOS critical words, identified by the code "TRN", represent terms unmatched on the master tape for that MOS. (Reasons for this include: words volunteered as critical; keypunching errors; updating master tapes per changes in SM, etc). NOTE: The number to the left of each critical word is its criticality index defined below.

b. Main - these MOS critical words are ranked alphabetically within a criticality index (defined below) that also is ranked from 1-5. The numbers to the right of the critical words represent the SM page on which that term appeared and its frequency of appearance. Example "222,4" is interpreted as: "4 times on page 222". NOTE: Due to computer programming/sort difficulties, the accuracy of correct page referencing is only approximately 80% for most reports. Improvements in programming and coding increased this accuracy to 95% in those reports completed last (i.e., dated Jan-Mar 82).

3. Word Criticality Index:

The following 5 point rating scale was used by a team of up to 3 subject matter experts from Army MOS proponent schools to rate each word selected as having some importance for training/performing a critical task:



Accession For	
NTIS (C) 1	
DTIC TAB	
Unannounced	
Justification	
By	
Distribution/	
Availability	
Avail and	
Special	
Dist	Special
A	23 CP

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UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

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WCA



MAR '6 1981

MAIL

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"WORD CRIT
MOS 45B
SKILL LEVEL 1"

KP = (B-A)
P = (B-C)

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1

[illegible]

MOS WORD LIST BY PAGE

CATE 01072 1753 PAGE

2

1	DIAMETER	100.2						
1	DISASSEMBLE	6.1	1.1	100.0	12.0	11.1	9.1	
1	DISCO-TRACTOR	100.3						
1	DISKS	100.1						
1	DRIVING	232.1						
1	DUMMY	100.24						
1	EJECT	100.6						
1	EJECTOR	101.1						
1	ENGAGE	100.1						
1	ENGAGES	100.1						
1	EROSION	100.3						
1	EXTRACT	100.6						
1	EXTRACTOR	100.8	232.1					
1	FEED	100.12	1.1					
1	FEEDTRAY	100.1						
1	FINGER	100.1						
1	FIRING	232.4	105.2	101.2	100.26	12.1	1.2	
1	FLASH	100.5						
1	FOLLOWER	101.1						
1	FORE	100.1						
1	FOREARM	100.1	1.1					
1	FUNCTION	100.2						
1	FUNCTIONING	100.8						
1	GAGE	2.2	1.2	232.16	100.26	4.2	3.2	
1	GAS	100.7						
1	GRIP	100.4	1.1					
1	GROUP	232.2	100.22	6.3	1.7			
1	GUARD	105.1	101.1	100.3				
1	GUIDE	100.6						
1	HAMMER	100.8						
1	HANDLE	232.5	100.7	1.1				
1	HEADLESS	232.1	100.1					
1	HEADSPACE	100.9	10.2	232.5				
1	HOLE	100.4						
1	INSERT	232.3						
1	INSPECT	232.1	100.14					
1	INSTALL	101.1	12.3					
1	LATCH	232.2	105.4	101.2	100.16	12.2		
1	LAUNCHER	11.3	100.1	12.7	105.2	101.9		
1	LEFT	232.1	100.8					
1	LESS	100.1						
1	LEVER	100.6	1.1	232.3	101.1			
1	LINED	100.1						
1	LOCK	100.26						
1	LOCKING	101.1						
1	MACHINE	101.1						
1	MACHINEGUN	9.2	6.3	2.3	1.5	232.3	100.14	12.5
1	MAGAZINE	100.29						10.4
1	MAIN	100.2						
1	MAINSRING	100.1						

CATE 01072 1753 PAGE 3

1	MAINTENANCE	1.7	232.2	109.1	101.1	100.50	12.19	11.2	10.1	9.2	6.2	4.2	3.2	2.4
1	MCHANISM	105.2	100.5	17.2	1.1									
1	METER	100.1												
1	MICROMETER	100.3	1.2											
1	MOUNT	100.2	12.4	101.2										
1	P10	100.5	12.1											
1	M1200	4.1	2.1	100.3	12.1									
1	M122	12.2												
1	M14	9.1	100.4	12.2										
1	M16A1	6.1	1.3	101.1	100.4	12.2								
1	M1511A1	2.1	100.4	12.1	3.1									
1	M2	2.2	12.2	10.1	9.1	6.1	232.2	100.4						
1	M2HB	100.1												
1	M20A1B1	11.1	105.1	100.1	12.1									
1	M203	12.2	101.2											
1	M2	12.2	100.1											
1	M3A1	12.1	100.1											
1	M6A1	100.1												
1	M60	12.1	1.4	100.5										
1	AFFOLE	130.1												
1	HQ-GO	100.27	1.1	232.6	105.1	101.2								
1	NCTCH	100.1	232.2											
1	NIJT	100.4	232.2	101.1										
1	PAWL	100.1												
1	PIN	232.3	101.2	100.24	1.2									
1	PINTLE	100.3												
1	PISTOL	12.4	3.3	2.3	1.2	100.11								
1	PISTON	100.4												
1	PLATE	100.2												
1	PLUG	100.6												
1	PLUNGER	100.3												
1	PRESERVING	101.1	100.10	1.1										
1	RANGE	100.1												
1	RECEIVER	101.3	100.19	6.3	1.5	232.2								
1	RECESS	100.1												
1	RECILLING	232.1												
1	RECILLLESS	100.1	105.1											
1	RELEASE	232.5	100.3											
1	RELEASED	232.1												
1	RELEASING	100.1												
1	RFFAIR	100.8	12.8	11.2	4.2	3.2	2.2	1.2						
1	REPLACE	232.1	105.1	101.1	100.11									
1	REQUEST	4.1	3.1	2.1	1.1	105.1	101.1	100.13	12.4	11.1				
1	RFTS	232.1												
1	RETRACT	232.2	100.2											
1	RETRACTING	232.5	100.1											
1	REVOLVER	100.15	12.4											
1	RIFLE	101.4	100.22	12.5	9.3	6.1	1.7							
1	RIFLES	6.1												
1	RING	232.1												

CATE 81072 1753 PAGE

RACKET	12.2	11.2	105.2	100.2															
RED	232.1	100.9																	
ROTATE	232.1																		
SEW	100.5	12.1																	
SAFE	100.3	1.3																	
SAFETY	100.11	1.3	101.1																
SCREW	100.3	232.2																	
SCREWED	232.1																		
SFCAR	100.5																		
SFC	1.1	243.1	101.1	100.24	3.1														
SECTION	4.1	3.1	2.1	1.1	105.1	101.1	100.13	12.4	11.1										
SELECTOR	1.1	100.2																	
SET	232.4	105.1	101.1	100.43	1.1														
SHOTGUN	100.6	12.4	4.3	2.3															
SIDEPLATE	100.1																		
SIGHT	100.5	105.1																	
SINGLE	100.1																		
SLEEVE	100.2																		
SLIDE	100.12	232.4																	
SNAP	100.1																		
SPINDLE	100.2																		
SPRING	232.1	100.16																	
STAKE	100.1																		
STOCK	105.1	100.4	1.1																
STCP	100.7	101.1																	
SURMACHINEGUN	100.3	12.4																	
SUPPRESSOR	100.4																		
SWING	100.2																		
SWITCH	100.2																		
SWIVEL	101.5																		
T-SLOT	232.2																		
TAB	1.1	12.1																	
TABLE	1.1	100.2	2.2																
TFST	105.1	101.1	100.15	12.11	11.1	10.1	9.2	6.2	4.1	3.1	2.3	1.8							
THICKNESS	100.1																		
THIMBLE	100.1																		
THRPIECE	100.3																		
TIMING	100.1	10.2	232.5																
TRAVEL	100.1																		
TRAY	1.1																		
TRIGGER	105.3	101.4	100.20	1.3	232.4														

DATE 01072 1753 PAGE 5

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WOS WORD LIST BY PAGE

DATE 81072 1753 PAGE

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DATE 81072 1753 PAGE 7

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MOS WORD LIST BY PAGE

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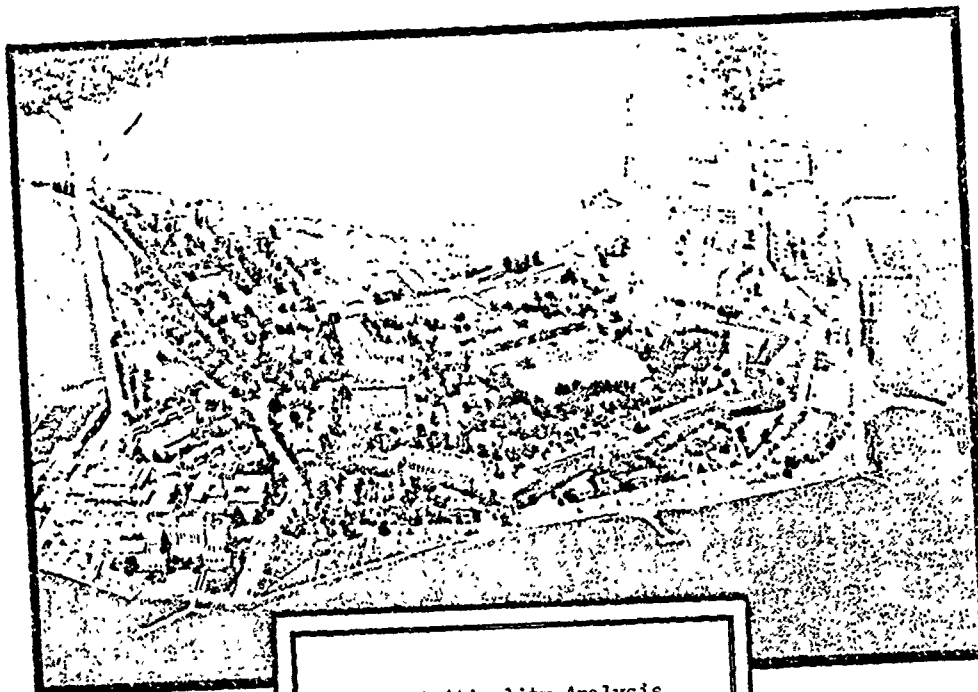
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4	FIELD	100,4	12,11	11,1	10,1	9,2	6,2	4,1	3,1	2,3	1,6
4	FIELD	101,1	100,19								
4	MATERIALS	101,1	100,11	1,1							
4	MEASURE	100,1									
4	MONEY	101,2									
4	OPERATIONS	100,1									
4	OVERALL	100,2	1,2								
4	PARA	243,1	105,1	101,2	100,32	7,2	5,1	4,1	3,1	2,1	1,6
4	PLACE	100,1	1,1								
4	PLACED	9,1	1,1								
4	PLACING	232,1									
4	REMAINING	100,1									
4	RESULT	1,1	232,2	105,1	101,2	100,25					
4	SHCP	100,5	12,11	11,1	1,6	3,1	2,3	10,1	9,2	6,2	4,1
4	SKILL	1,1									
4	UPPER	6,3	100,4								
5	APR	100,4									
5	CERTAIN	100,5									
5	FIRMLY	232,3									
5	LINER	100,1									
5	PAPER	100,2									
5	PENCIL	100,1									
5	PROGRAM/REFERENCE	1,1	232,2	105,1	101,2	100,25					
5	THREE	100,1									
5	UNTIL	232,5	100,2								

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Word Criticality Analysis

MOS: 45B

Skill Level 2

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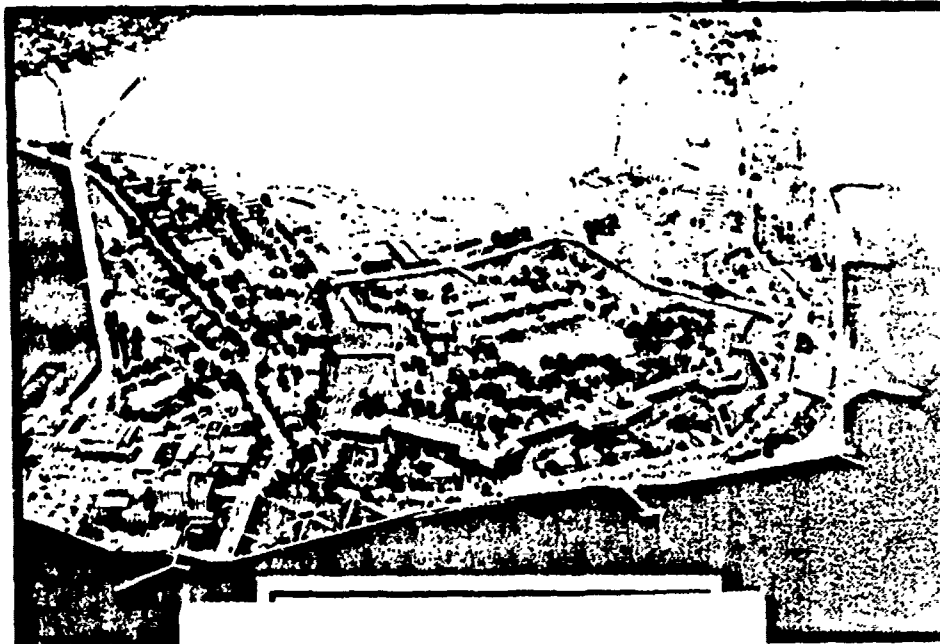
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'WORD CRIT'
MOS 45B
SKILL LEVEL 2

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4

1	1	100.1				
1	1	100.2				
1	1	100.1				
1	1	100.1				
1	1	100.1				
1	1	235.12235.6	101.2			
1	1	6.1 235.3	101.2	103.9		
1	1	6.1 101.15	101.2	12.6	9.5	
1	1	100.1				
1	1	101.1				
1	1	101.1				
1	1	235.1 100.1				
1	1	101.1 100.1	12.6	3.6	6.5	
1	1	235.2 101.13				
1	1	100.1 101.7				
1	1	1.1 101.6	100.4	493.1	235.2	
1	1	101.4				
1	1	100.1 101.3				
1	1	101.1				
1	1	101.2				
1	1	101.1				
1	1	101.2 100.9	235.2	232.2		
1	1	101.1 1.1				
1	1	100.2				
1	1	101.3 100.3				
1	1	101.2				
1	1	53.3 6.2	101.7			
1	1	101.1				
1	1	101.1				
1	1	101.7 100.1				
1	1	235.2 232.2	101.7	100.4	1.1	
1	1	101.2				
1	1	100.2				
1	1	101.1				
1	1	101.9				
1	1	232.2 101.6	100.6			
1	1	100.2				
1	1	493.2 100.2				
1	1	1.1 100.6				
1	1	100.2				
1	1	235.1				
1	1	235.2 101.2	100.4			
1	1	12.1 1.1				
1	1	100.4				
1	1	101.1				
1	1	101.3				
1	1	101.1				
1	1	100.2 235.6	232.3	101.21		
1	1	101.1				
1	1	100.1				

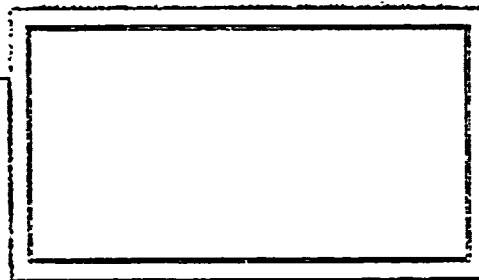
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1	REARWARD	235.2	101.3																	
2	REARWARD	235.1	101.3																	
3	REARWARD	235.1	101.3	2.2	1.3	100.2	53.1	12.4	9.2											
4	REARWARD	235.1	101.3	232.4	101.1															
5	REARWARD	1.3	53.1	12.4	9.2	2.2	232.1	101.9	100.2											
6	REARWARD	101.3	100.2	235.1																
7	REARWARD	101.1																		
8	REARWARD	1.3	6.1	101.2	100.5															
9	REARWARD	1.3	6.1	101.2	100.5	100.1	227.1	101.1	101.1	53.1	12.10	9.2								
10	REARWARD	100.1																		
11	REARWARD	101.1	100.2																	
12	REARWARD	101.1																		
13	REARWARD	101.1																		
14	REARWARD	433.1	100.3																	
15	REARWARD	100.1																		
16	REARWARD	100.2																		
17	REARWARD	433.1																		
18	REARWARD	433.2	232.1	227.1	173.1	101.1	53.1	12.10	9.3	6.6	2.2	1.3								
19	REARWARD	2.2	2.2	6.7	5.1	4.1	3.1	2.7	1.5	493.3	235.2	222.2	227.1	173.1						
20	REARWARD	101.15	100.16	53.1	53.1	37.1	22.1	17.1	14.1	12.10	11.1									
21	REARWARD	232.2	101.1																	
22	REARWARD	433.1																		
23	REARWARD	101.3	100.7	17.6	6.4															
24	REARWARD	100.1																		
25	REARWARD	101.2																		
26	REARWARD	433.2	232.1	227.1	173.1	101.1	53.1	12.10	9.2	6.6	2.2	1.7								
27	REARWARD	12.4	9.2	2.2	1.3	232.1	101.9	100.2	53.1											
28	REARWARD	9.1	1.1																	
29	REARWARD	9.1	1.1																	
30	REARWARD	100.1																		
31	REARWARD	100.1																		
32	REARWARD	235.2	101.4	4.1	493.2	235.2	232.1	101.14	100.10	53.1	37.1	22.1	17.1	14.1						
33	REARWARD	3.1	5.1																	
34	REARWARD	7.2	6.1																	
35	REARWARD	232.1	2.2	1.3	101.2	53.1	12.4	9.3												
36	REARWARD	6.2	101.2	100.2	12.1															
37	REARWARD	433.1	100.4																	
38	REARWARD	6.2	100.5	12.3	101.2															
39	REARWARD	101.1																		
40	REARWARD	235.1	101.1	100.1																
41	REARWARD	101.1																		
42	REARWARD	101.1	12.2	1.1																
43	REARWARD	101.1																		
44	REARWARD	100.1																		
45	REARWARD	1.1																		
46	REARWARD	101.2	100.1																	
47	REARWARD	12.2	493.2																	
48	REARWARD	1.1	9.1																	
49	REARWARD	12.4	235.2	232.2	101.13	100.5														
50	REARWARD	100.1	235.1	232.1																

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