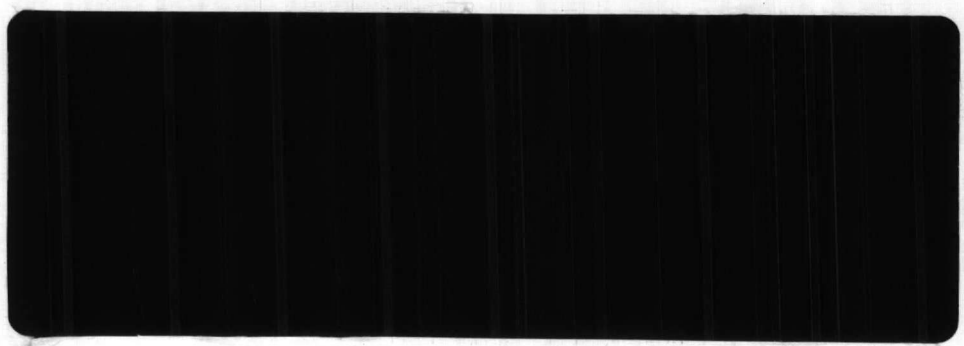


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**THE BDM CORPORATION**

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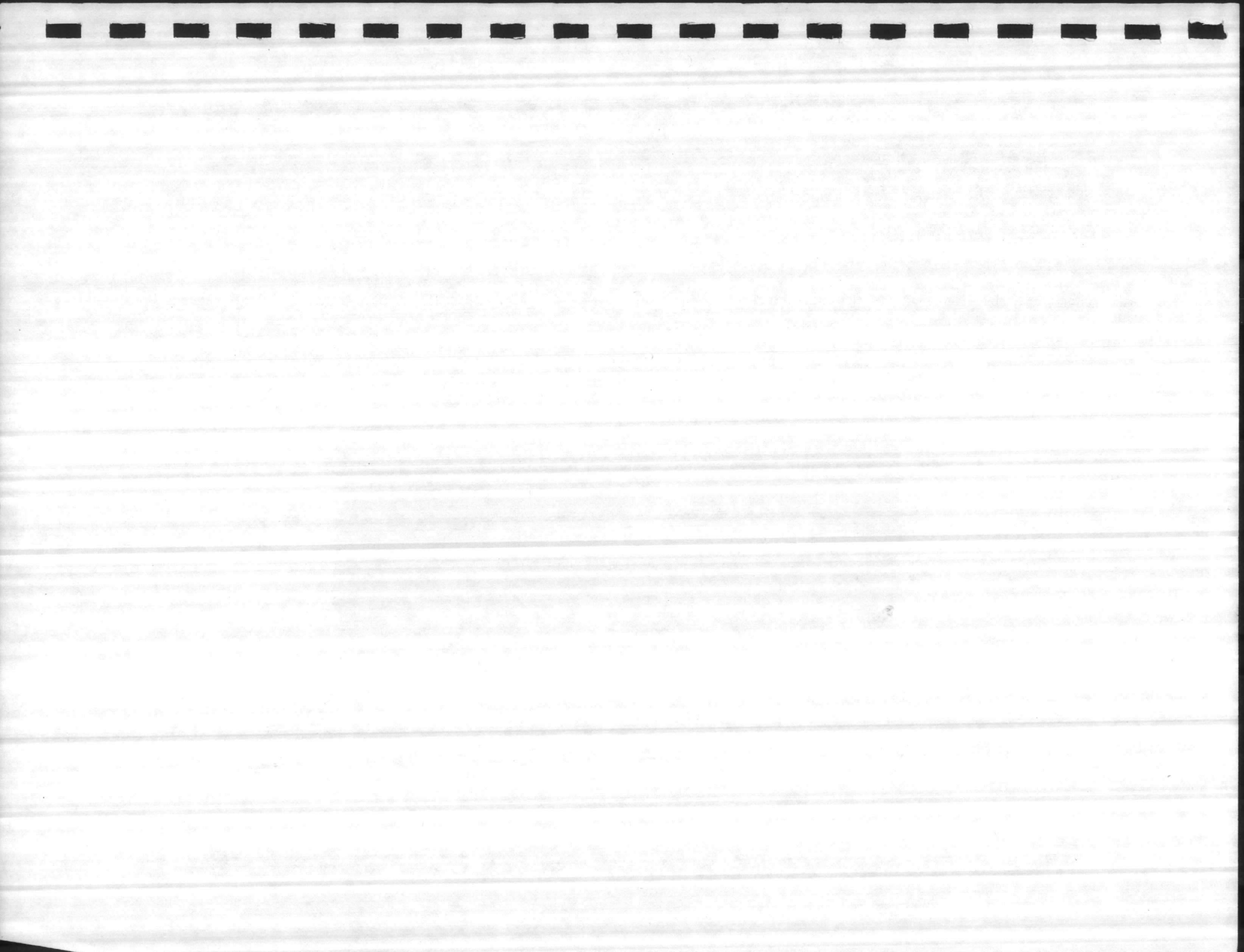
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LATAR STUDY  
(PHASE I - PROBLEM DEFINITION)  
MARINE CORPS LIVE FIRE RANGE AND  
MANEUVER AREA RESOURCES  
VOLUME 2 - MCB, CAMP LEJEUNE, NC/  
MCAS, NEW RIVER, NC  
PART I, SECTION 1

SEPTEMBER 30, 1987

BDM/NOR-87-0949-TR

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## FOREWORD

This document was prepared by The BDM Corporation with the concurrence of the Land and Training Area Requirements (LATAR) Study Sponsor and Study Project Officer (SPO) in response to guidance provided at the LATAR Study In-Process Review II for Delivery Order 0010 under Indefinite Quantities Contract (IQC) M00027-84-D-0031.

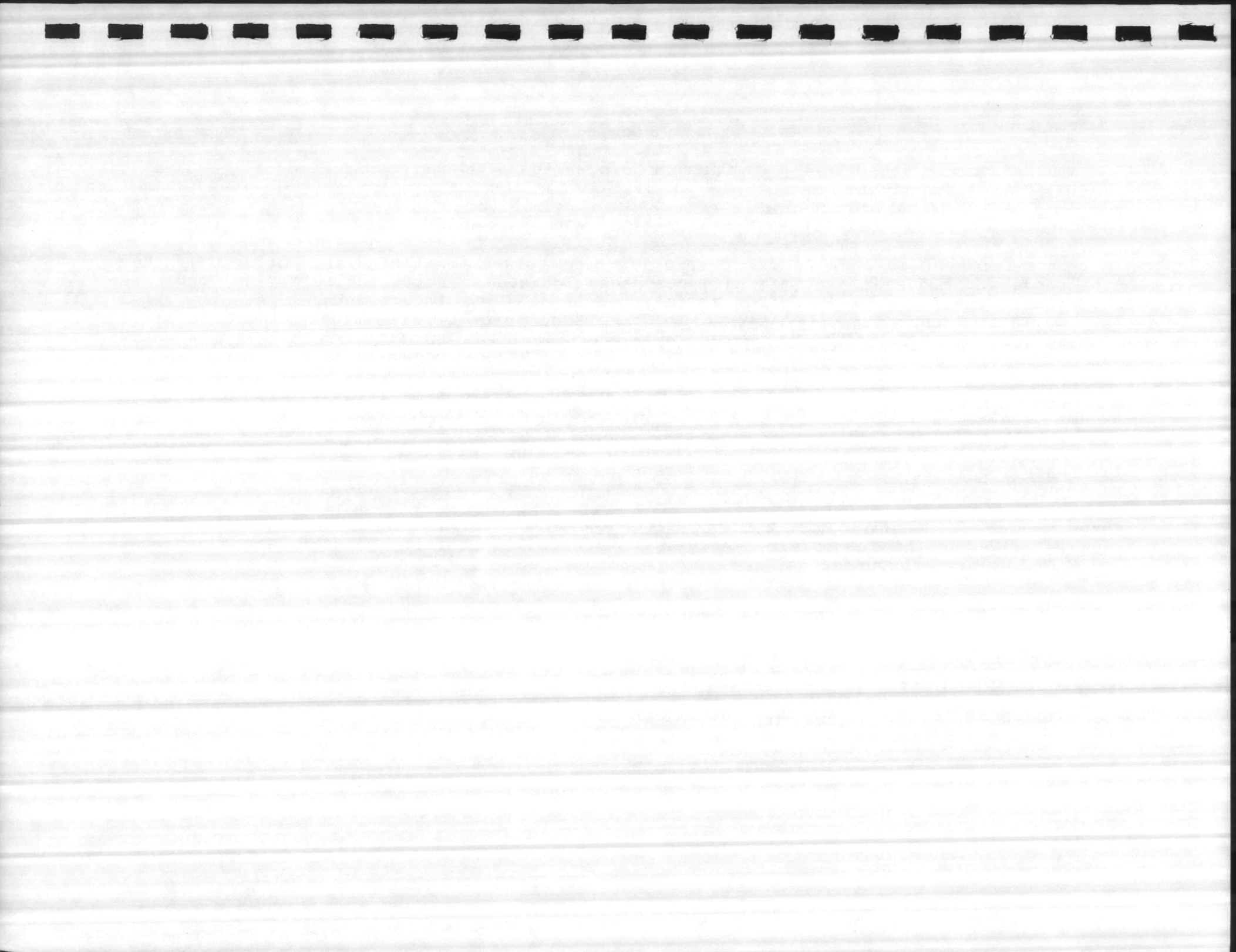
This document is made up of 10 volumes, each volume containing the Marine Corps live fire range and maneuver area training resources located at a particular Marine Corps Base or Marine Corps Air Station addressed in the Study. Also contained herein are the Inter-Service/Inter-Agency Support Agreements (Formal and Informal) in effect at each of these facilities. The information presented in this document was obtained during a comprehensive data collection effort from each of the Marine Corps Bases and Stations listed.

This document presents the live fire range, maneuver area, and Inter-Service/Inter-Agency Support Agreements information for each base and station separately. For each Base or Station, the information is presented in three parts: Part I - Live Fire Range and Training Resources, Part II - Unit Training and Maneuver Area Resources, and Part III- Inter-Service/Inter-Agency Support Agreements.

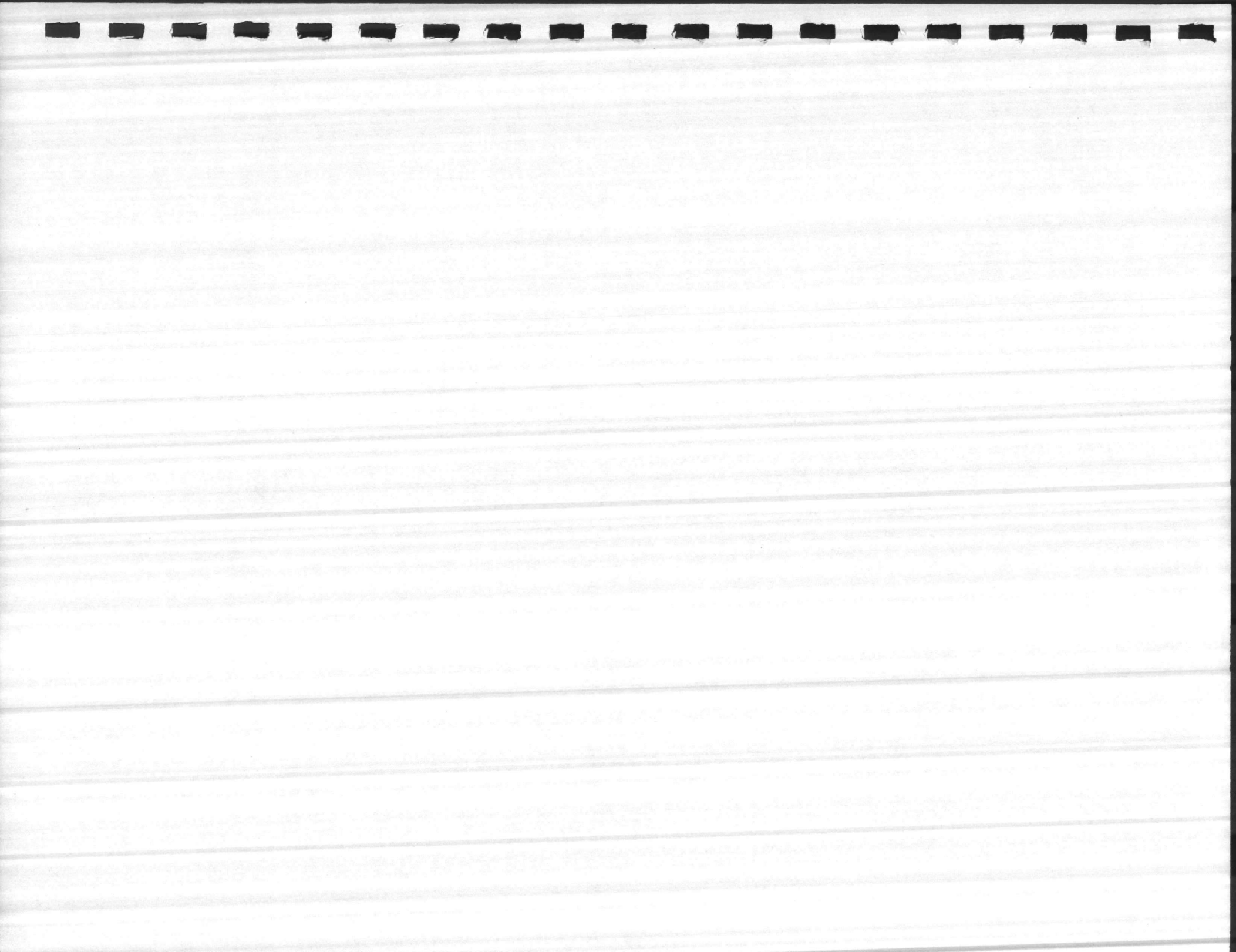
This document is submitted for review and validation by Headquarters, U.S. Marine Corps and the respective Marine Corps Bases and Air Stations. Once validated, this data will be used for the feasibility analysis to identify shortfalls between live fire ranges and maneuver area resources and training requirements.

The volumes in this document are:

- (1) Hq FMFLANT, Camp Elmore, VA
- (2) MCB, Camp Lejeune, NC/MCAS, New River, NC
- (3) MCAS, Cherry Point, NC
- (4) MCAS, Beaufort, NC/MCRD, Parris Island, SC
- (5) MCB, Camp Pendleton, CA
- (6) MCAS, El Toro, CA/MCAS, Tustin, CA
- (7) MCAS, Yuma, AZ
- (8) MCB, Twenty-Nine Palms, CA
- (9) Hq FMFPAC, Camp H.M. Smith, HI
- (10) MCAS, Kaneohe, HI



PART I, SECTION 1  
LIVE FIRE RANGE AND TRAINING RESOURCES  
(LFRTS-P)





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: A-1 Pistol/Shotgun Range, MCB, Camp Lejeune, NC  
 Pistol/Shotgun Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.7 X 1.25		
Primary Direction of Fire	2700 MILS/152 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP790443		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	10		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

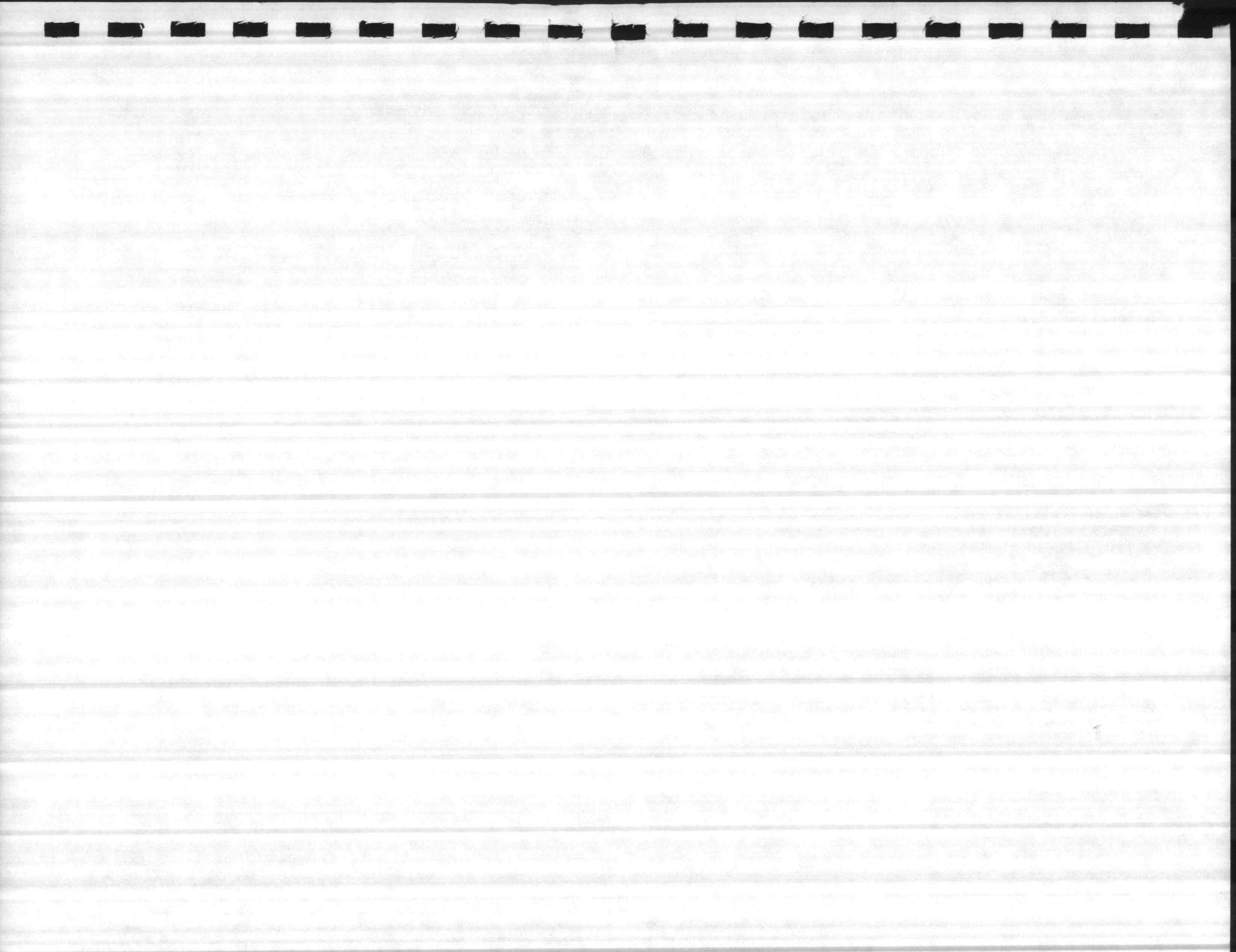
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DATE: 03/05/87

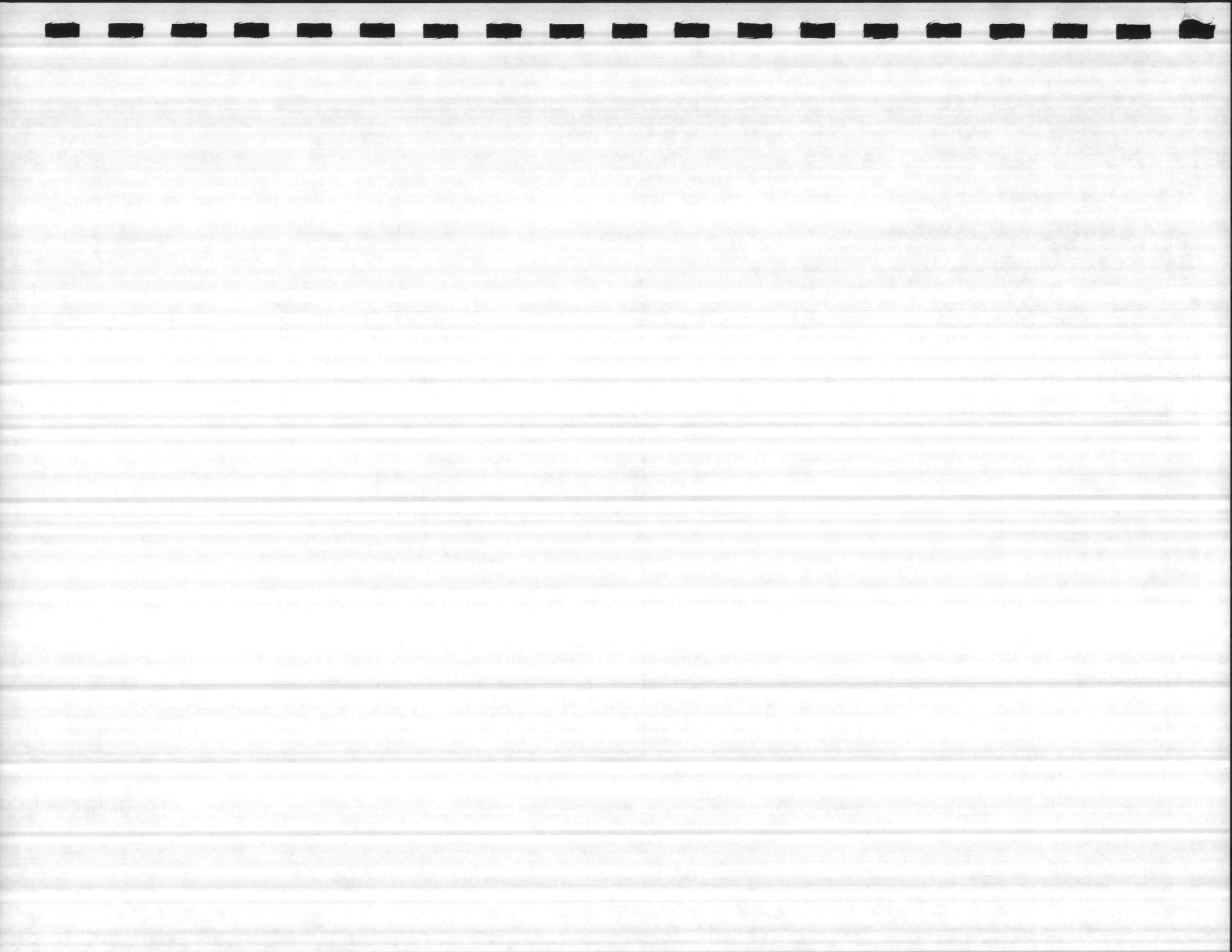
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



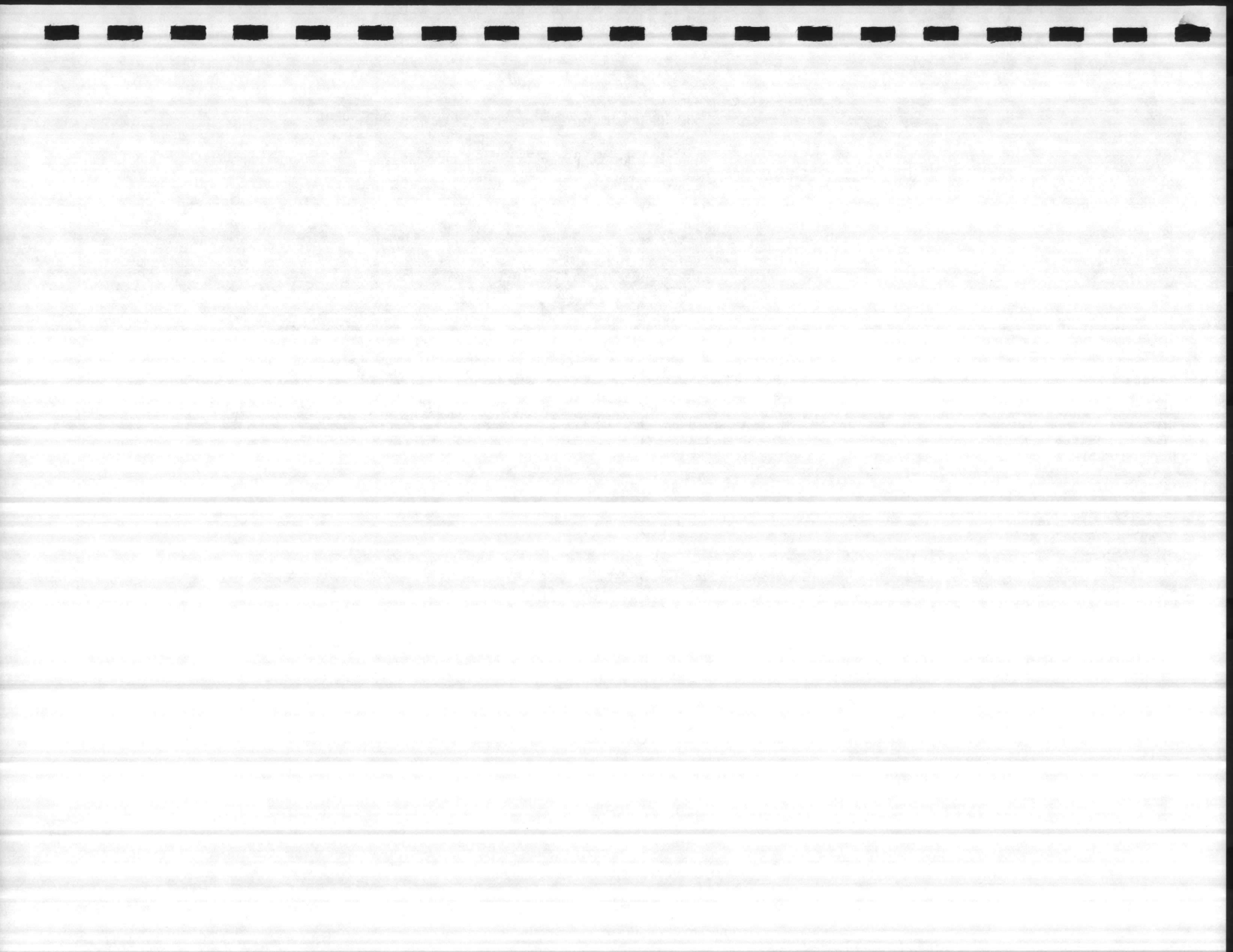
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X X Turning	..... ..... ..... .....	..... ..... ..... .....
Are There Associated Simulation Devices? Yes, No, NA	Undefined		



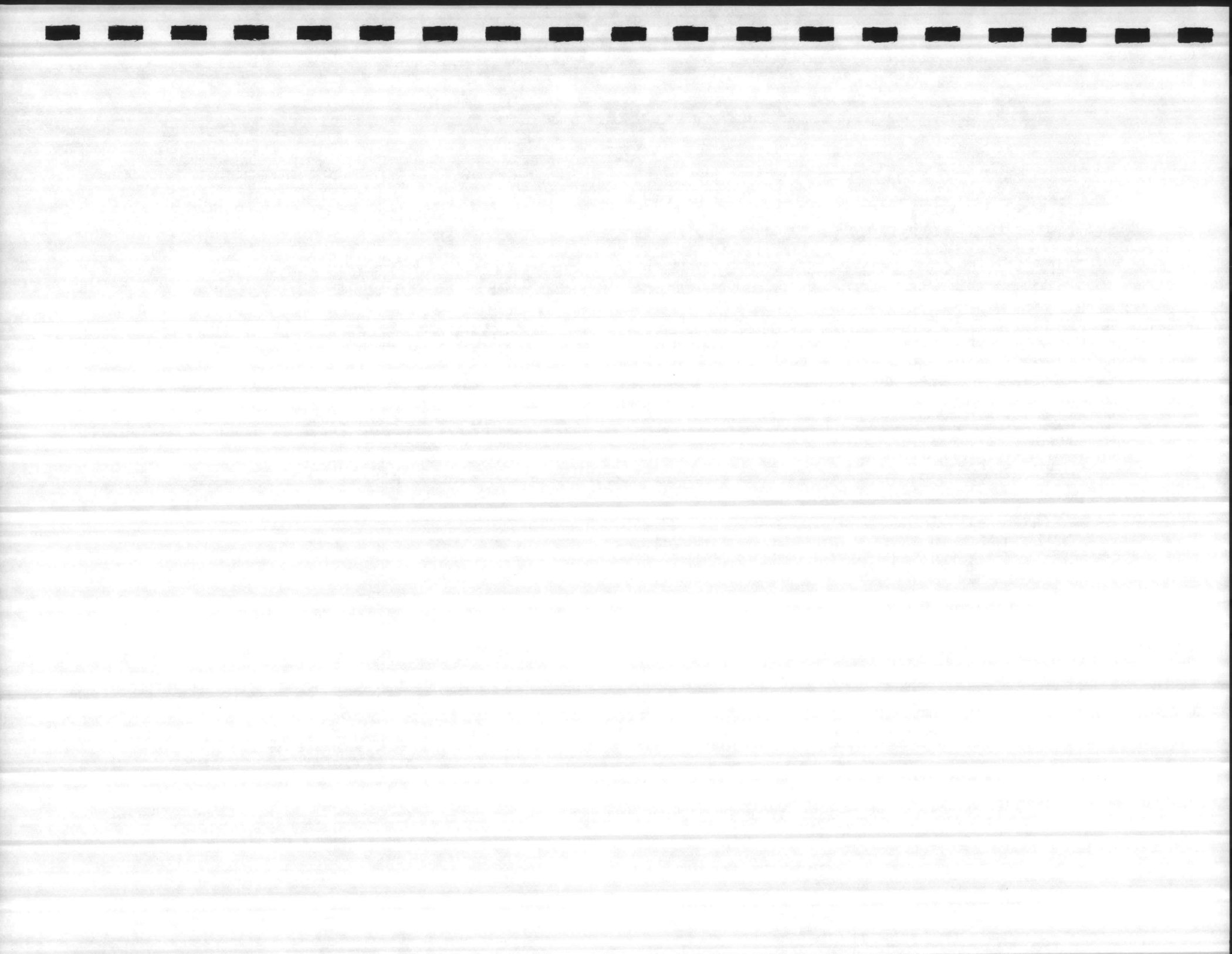
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

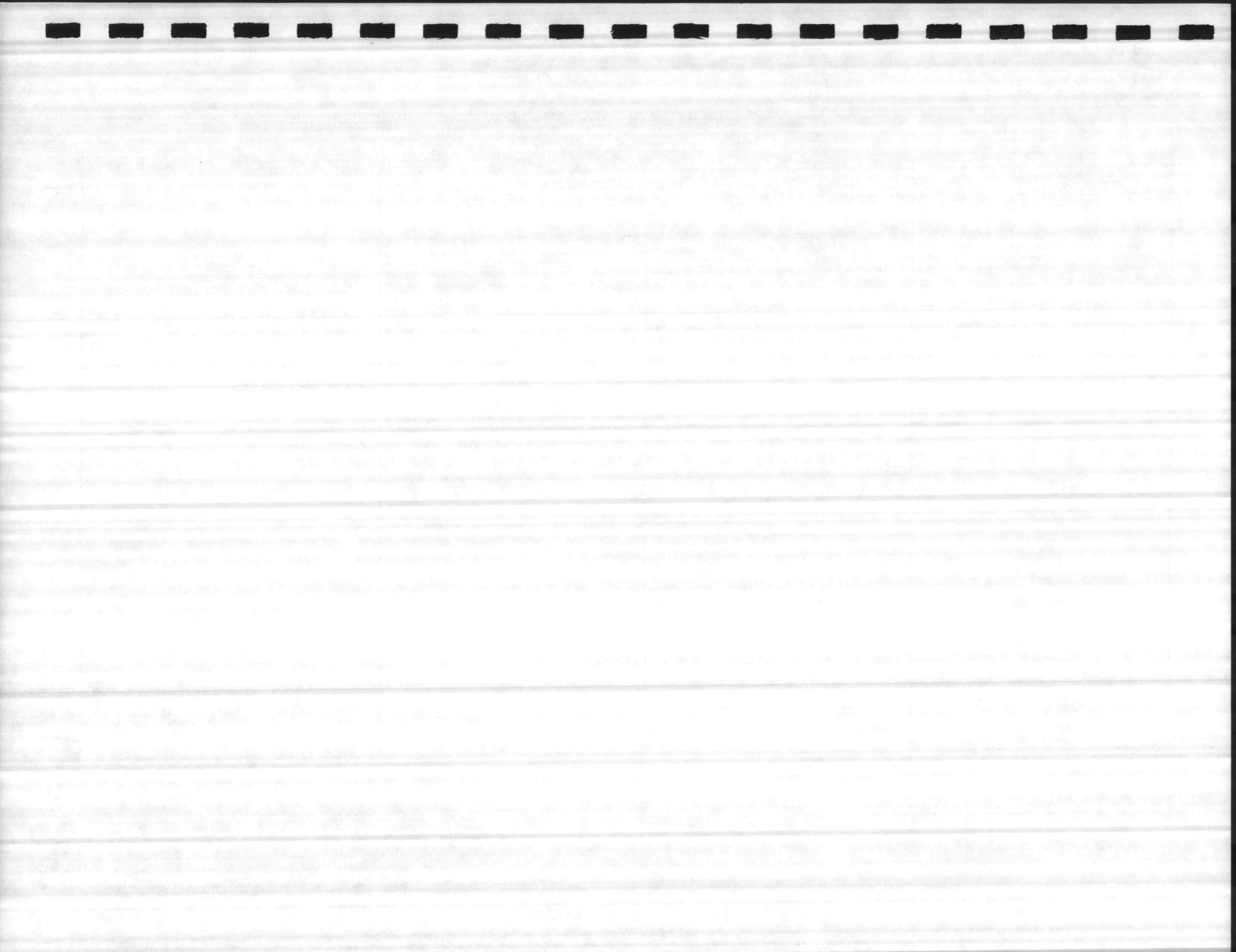
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	14 .....	.....	
Ammunition (km).....	12 .....	.....	
Rations (km).....	2000 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	70 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use?	No		
Yes, No			





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 15 Maintenance..... 15 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... 0 ..... ..... ..... ..... .....	..... 0 ..... ..... ..... ..... .....	..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes MCAS notify Blackburn (Range Control)		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

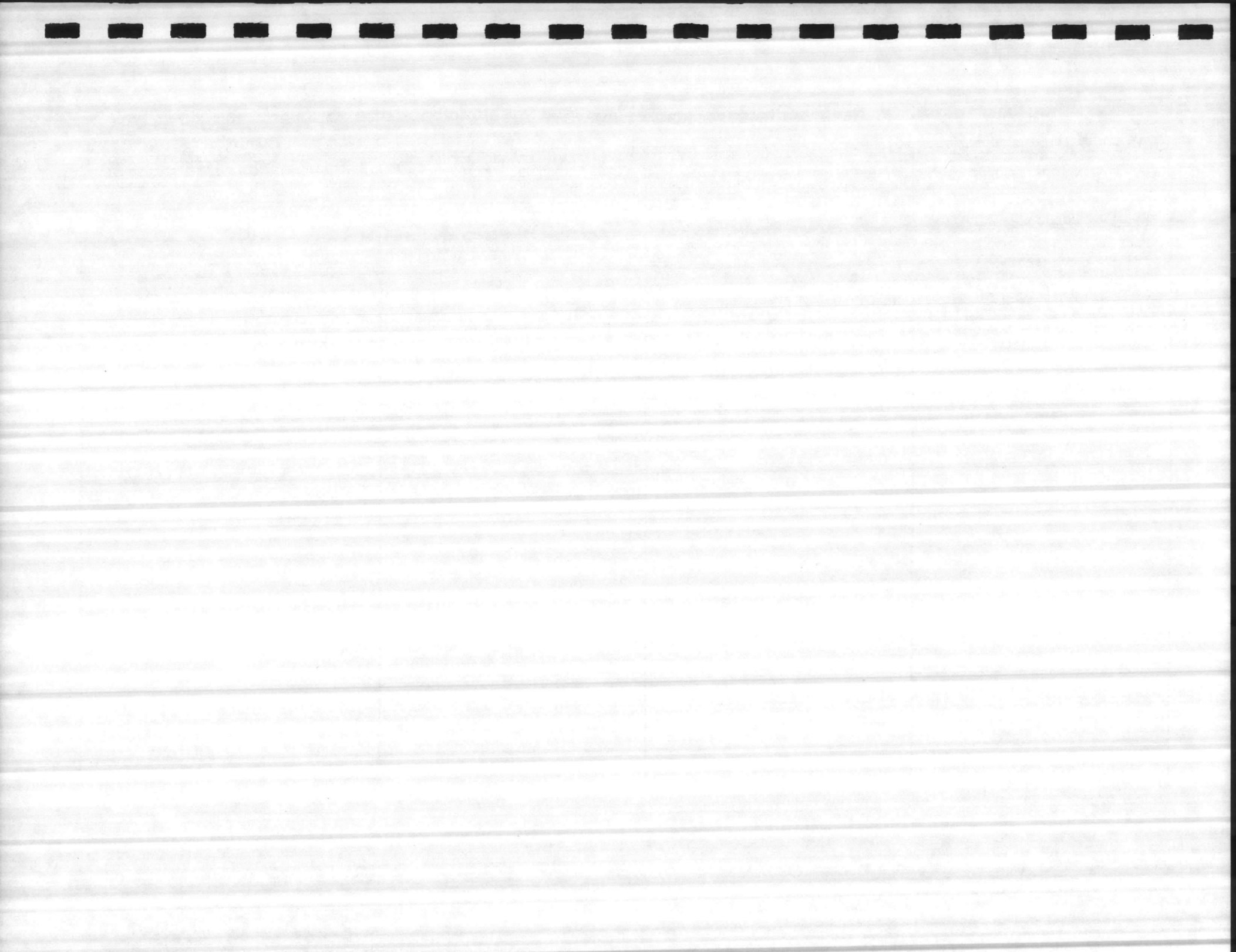
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: B-12 Pistol/Shotgun Range, MCB, Camp Lejeune, NC  
 Pistol/Shotgun Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.55 X 1.1		
Primary Direction of Fire	3022 MILS/170 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP743449		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	10		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X X		

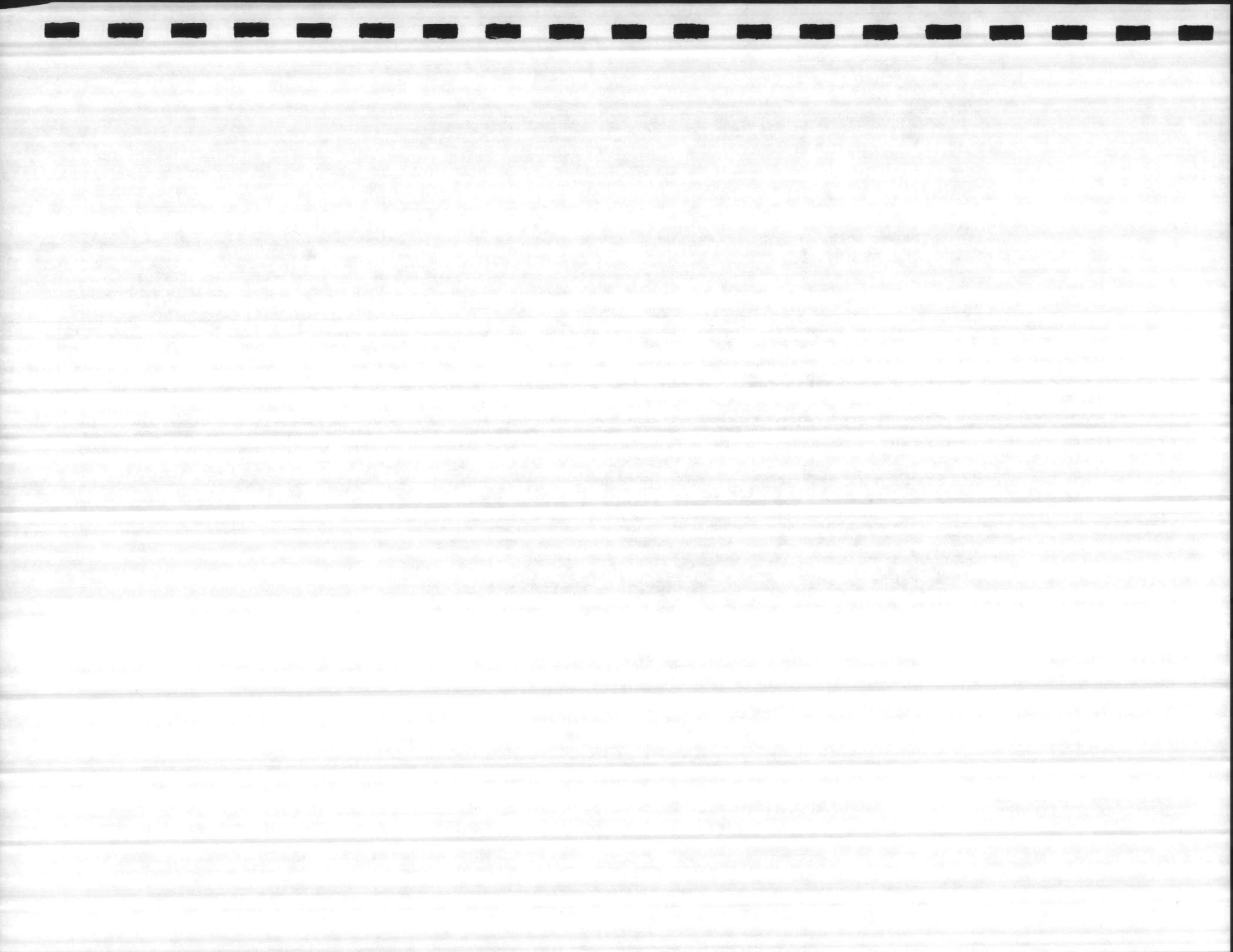
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DATE: 03/05/87

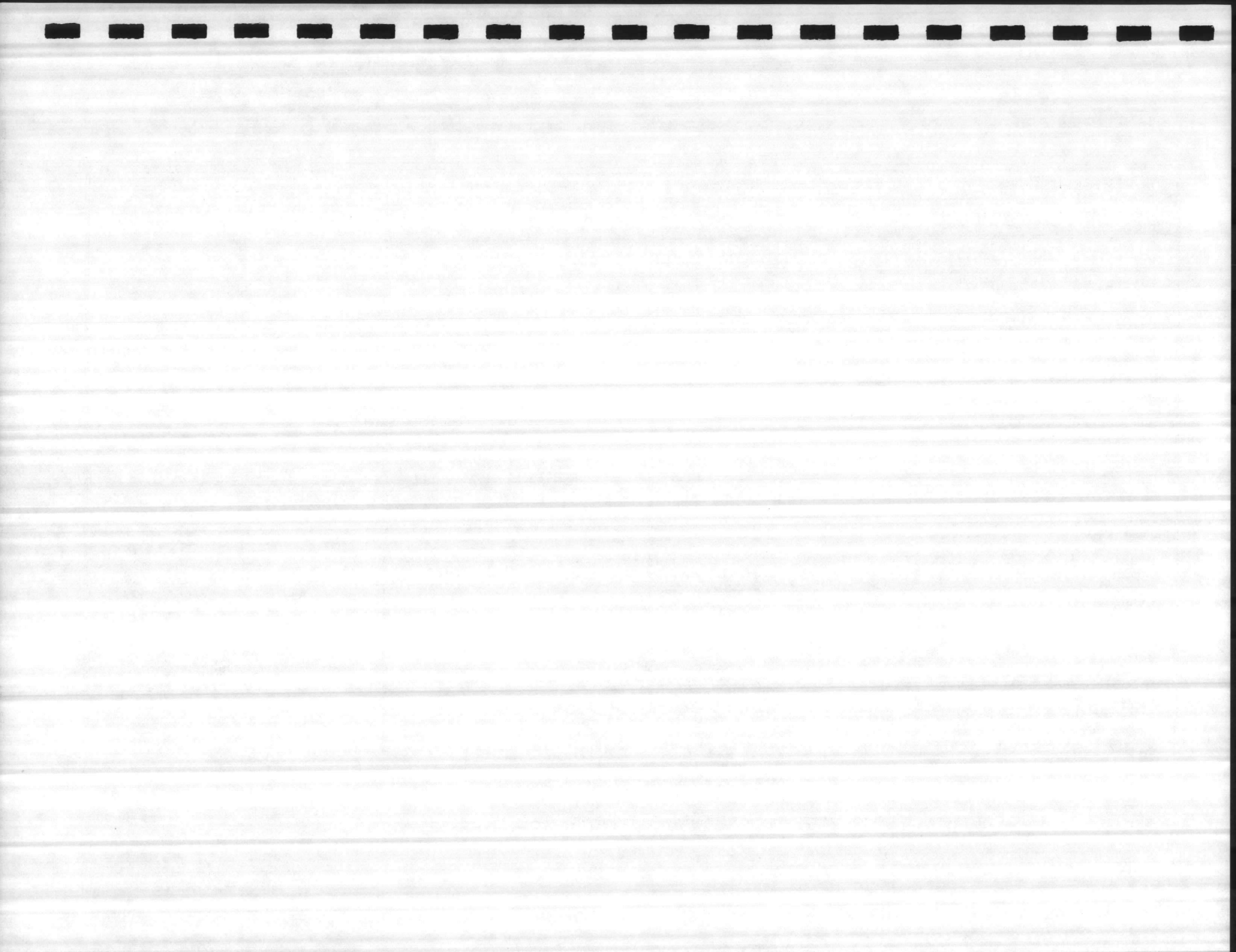
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

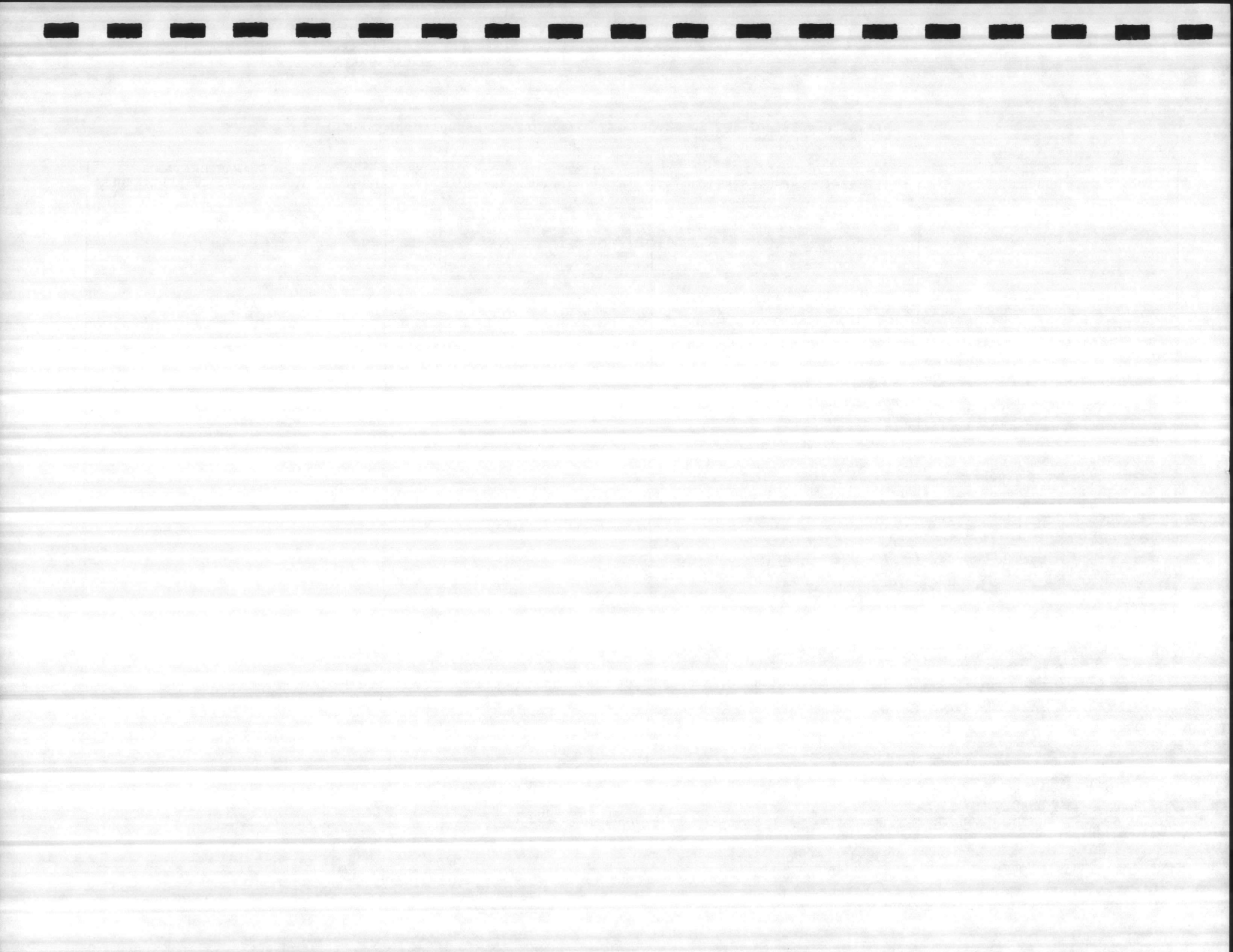
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....	    X X		
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	  X ..... ..... X Turning ..... .....	  ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		





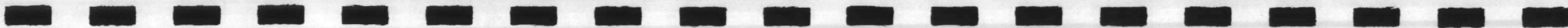
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 75 Percentage Clay..... Percentage Swamp/Marsh..... 25 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



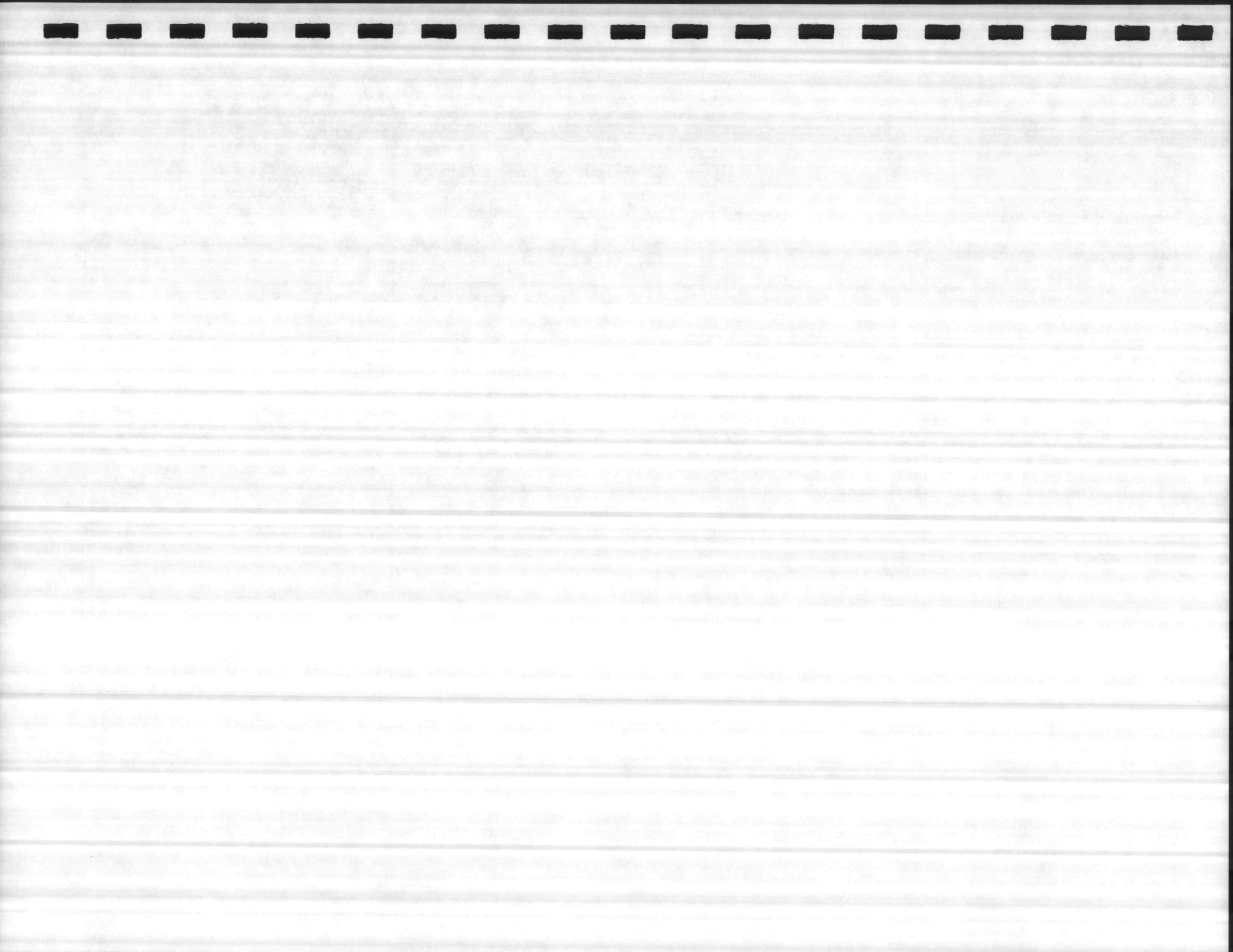
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	25 .....	.....	
Ammunition (km).....	23 .....	.....	
Rations (km).....	2000 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	70 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



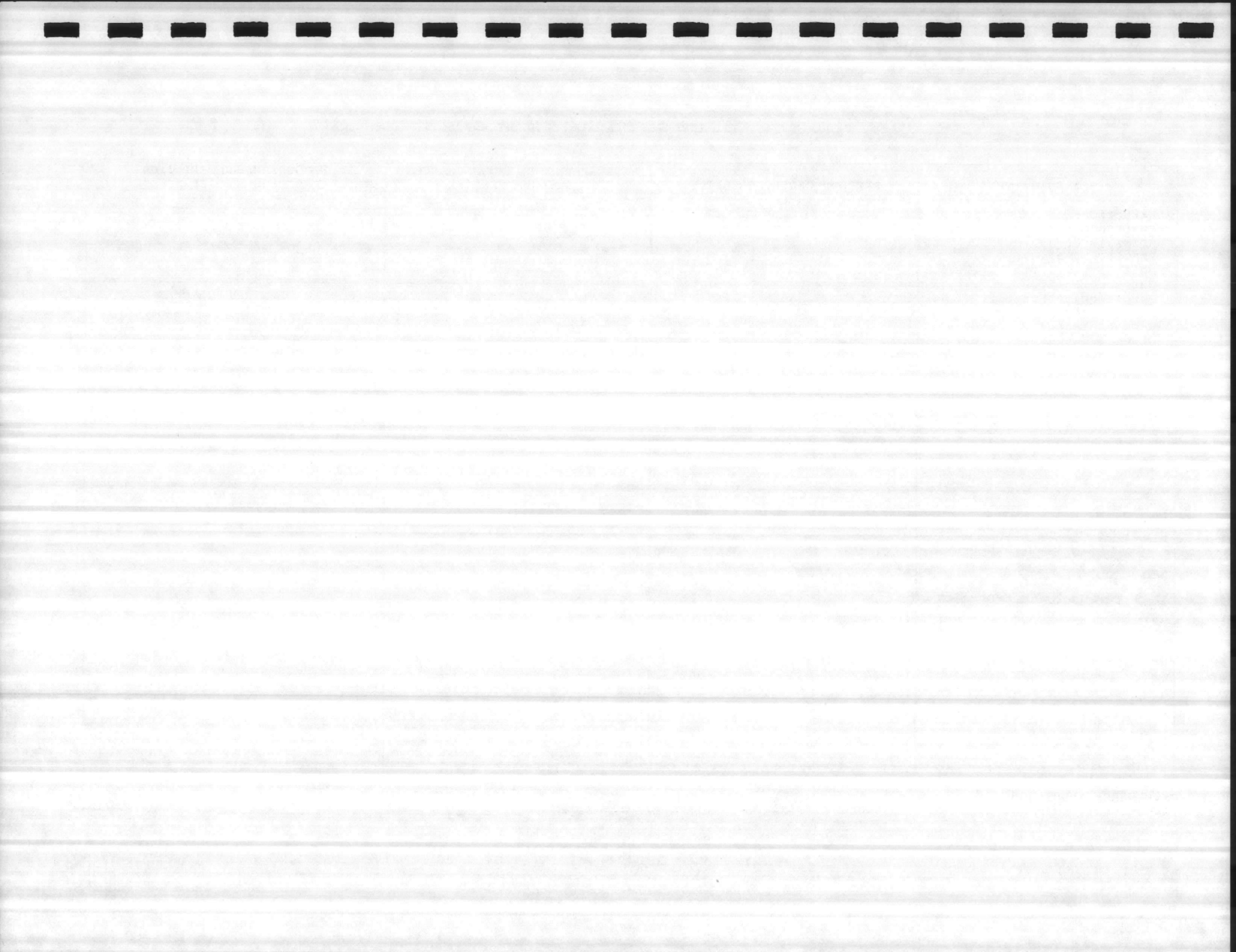
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Road blocked		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator, Blanks  
 Maneuver Area  
 Associated Air Space  
 Demolition

RANGE NAME AND LOCATION: B-14 Assault of Fortified Position, MCB, Camp Lejeune, NC

Assault of Fortified Position

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.6 X 1.18		
Primary Direction of Fire	0885 MILS/50 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP734425		
Safety Buffer Rear (km).....	80 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	14		
Range Facilities Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

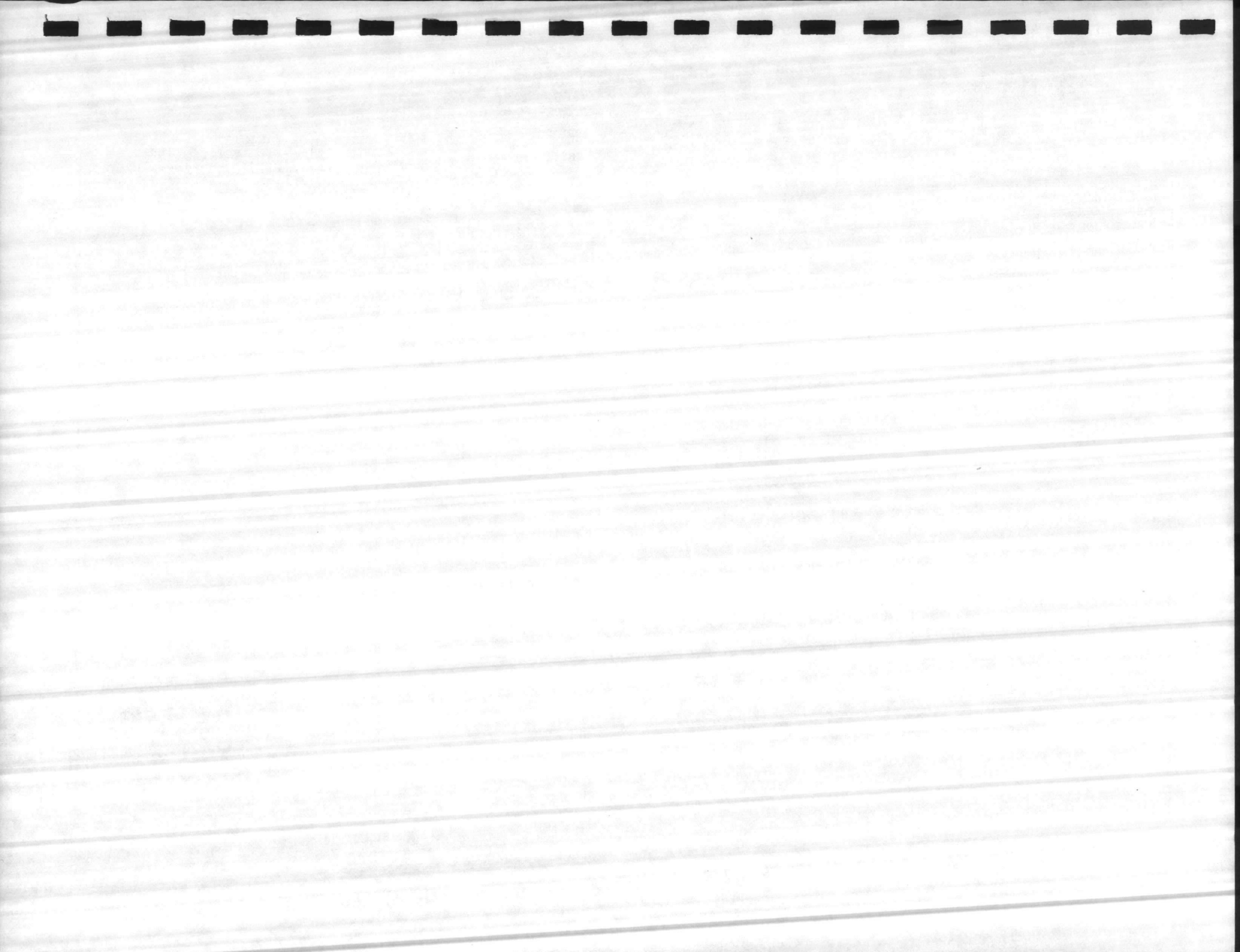
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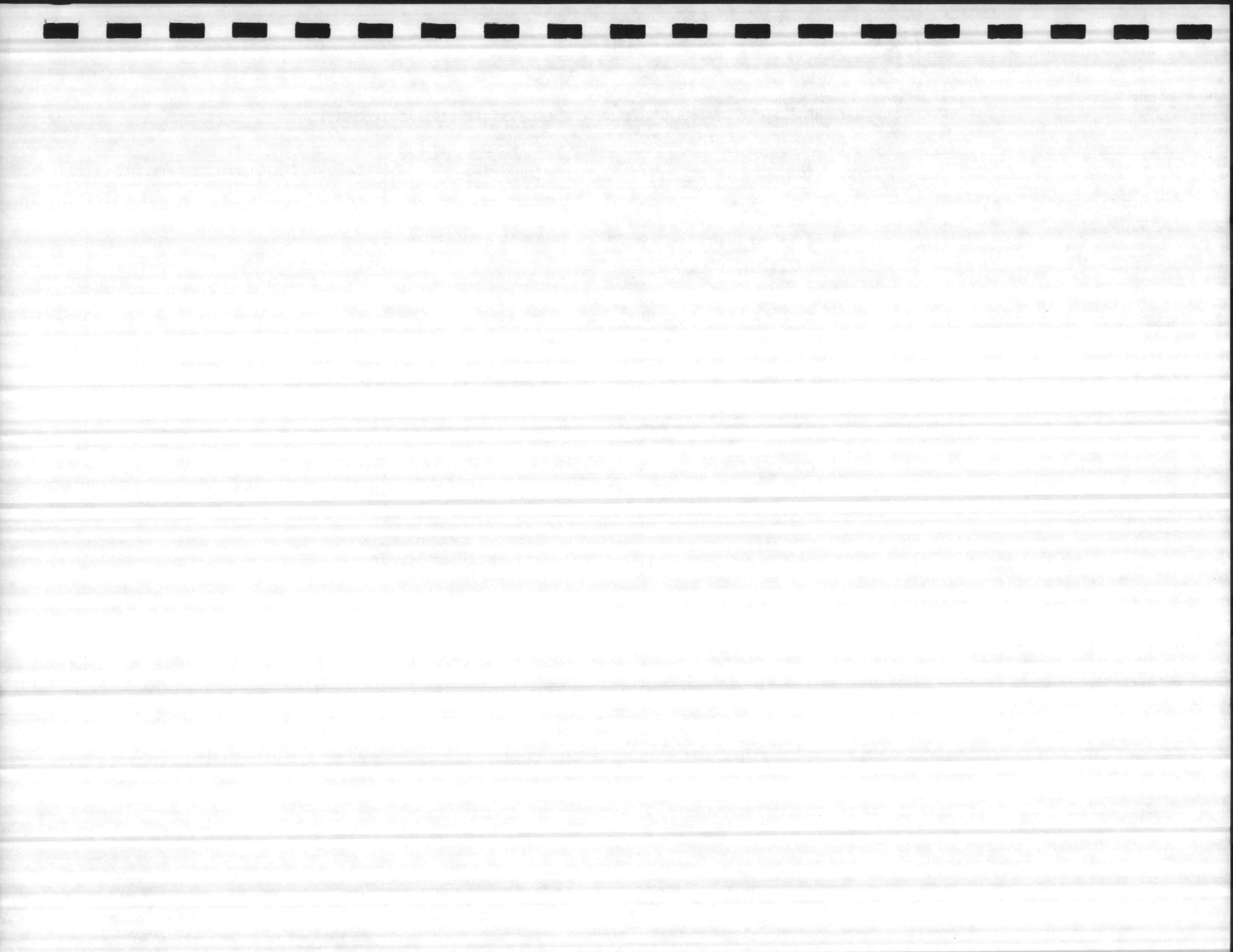
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



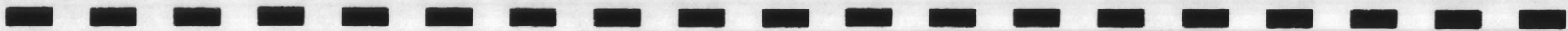
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... X Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... NA Scoring..... Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16 blanks, M60 blanks, SAW blanks, M73 LAW, 1/4-lb demolitions		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 70 Percentage Clay..... Percentage Swamp/Marsh..... 30 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: D-29 Rifle/Pistol/Shotgun Range, MCB, Camp Lejeune, NC  
 Rifle/Pistol/Shotgun Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.5 X 1.1		
Primary Direction of Fire	4347 MILS/245 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP839381		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	56 rifle 16 pistol		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....	X		
Utility Building.....	X		
Aid Station.....			
Parking Area.....			
Viewing Area.....			

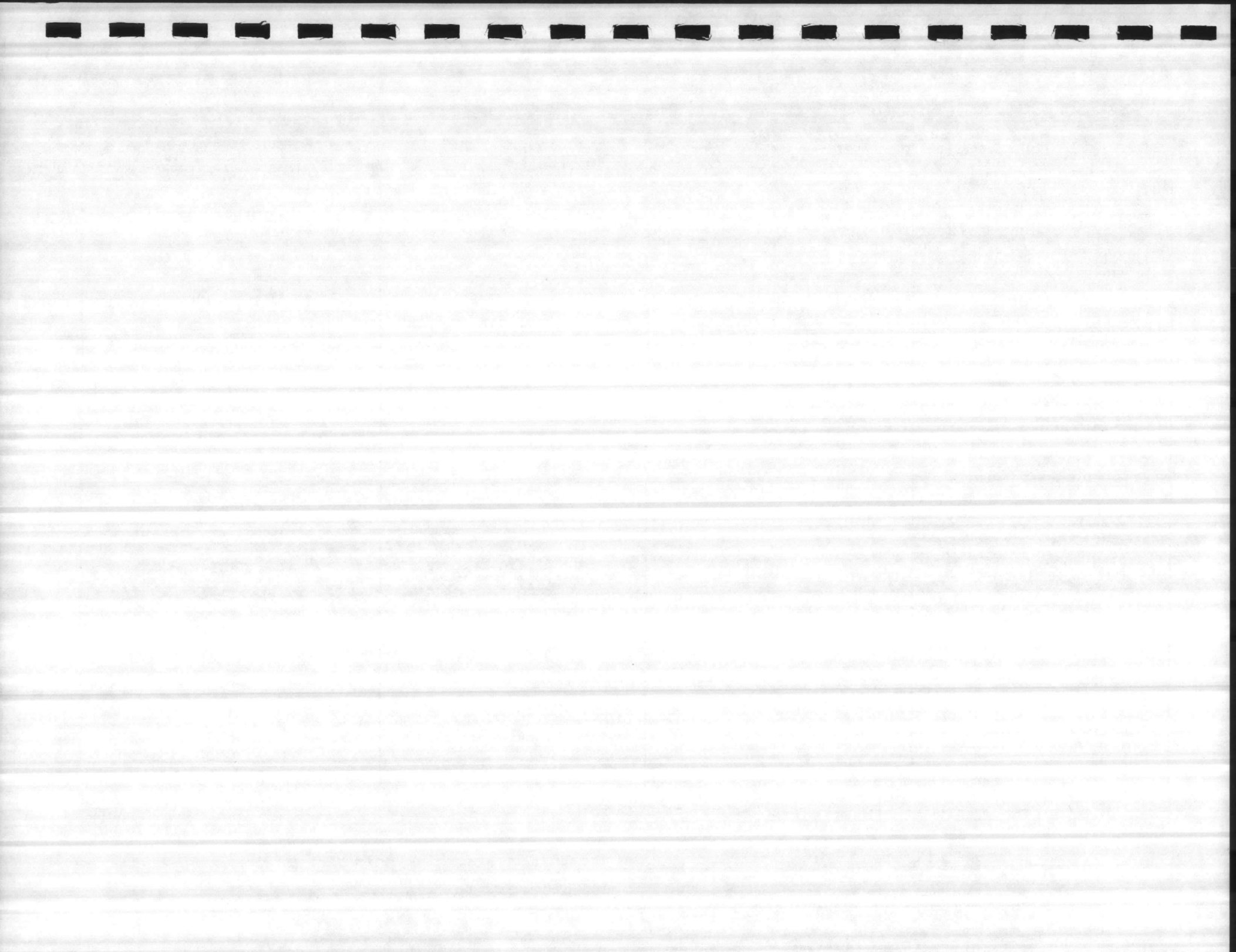
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

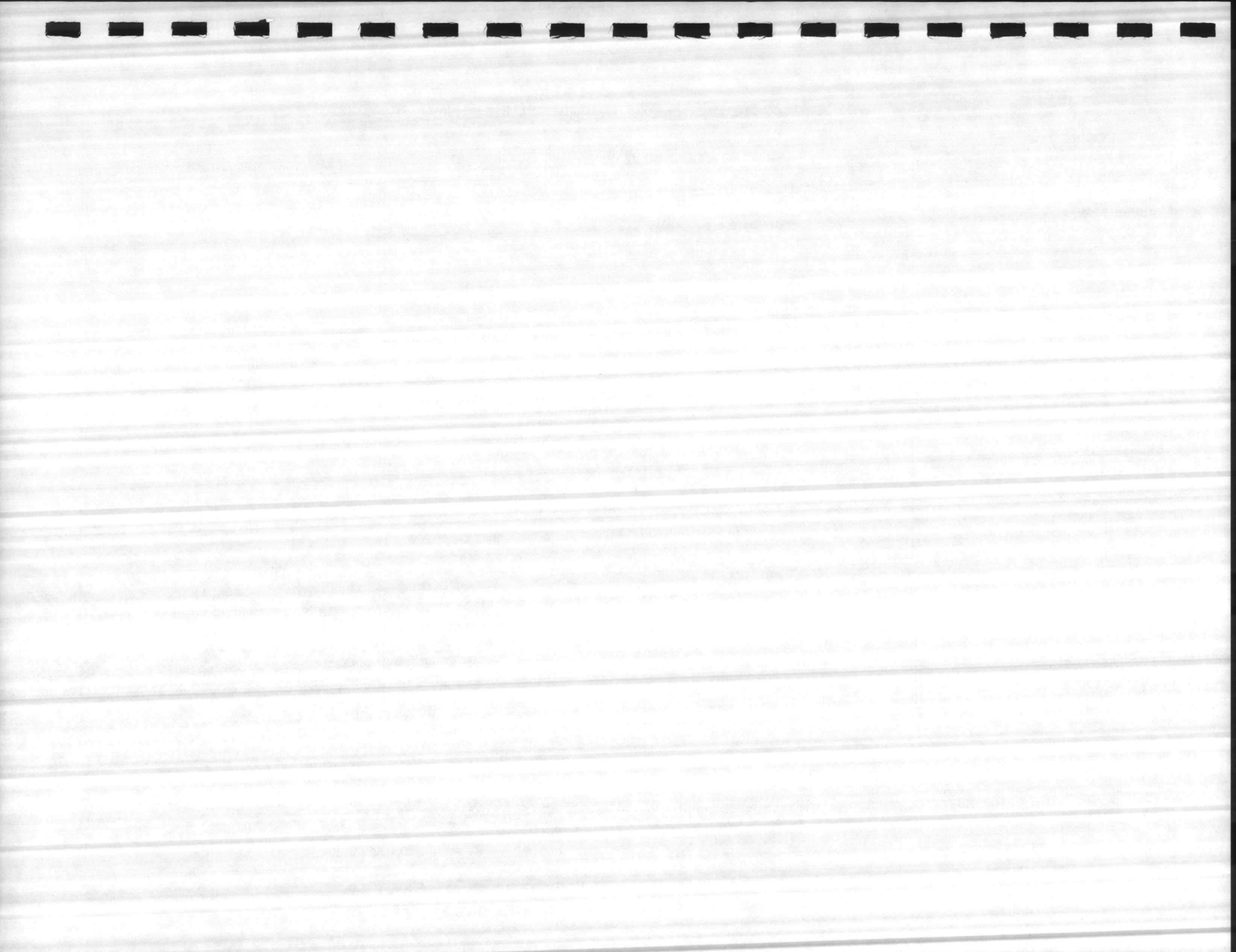
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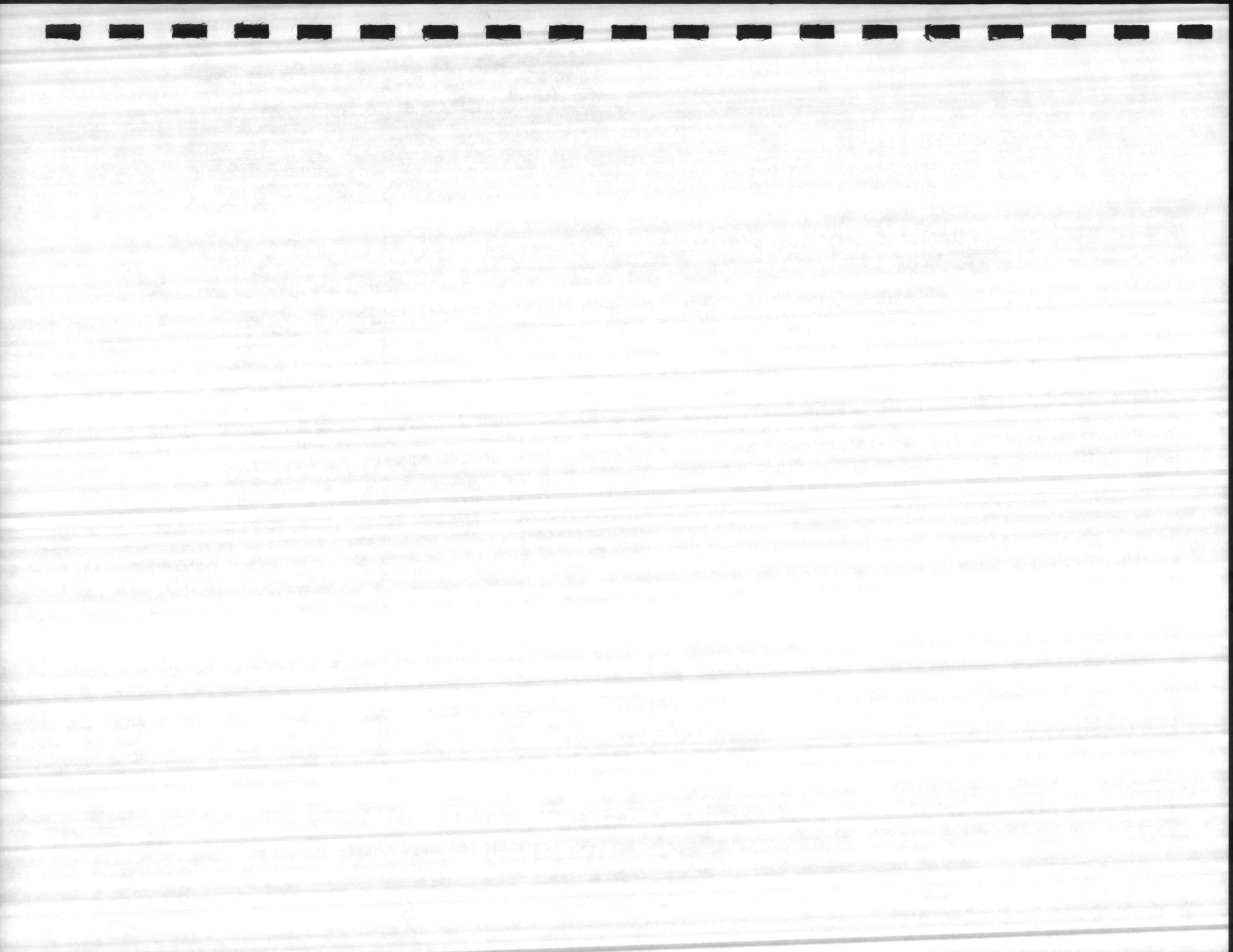
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... X Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other..... X Turning	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun, M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

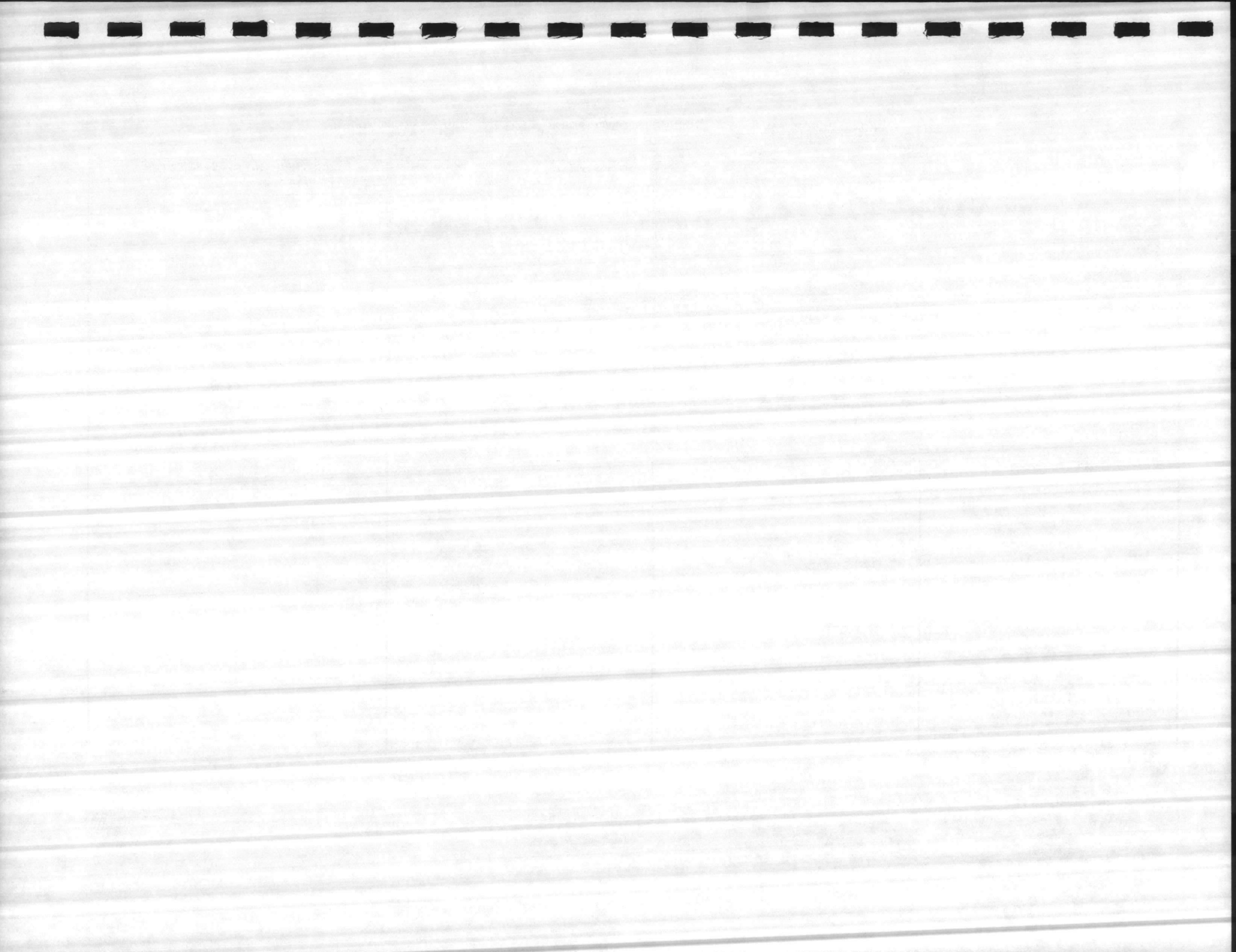
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	5 .....	.....	
Ammunition (km).....	4 .....	.....	
Rations (km).....	500 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	P-110, R-250 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		

FILE NAME: LP010007

PAGE 4 OF 6 DATE: 03/05/87

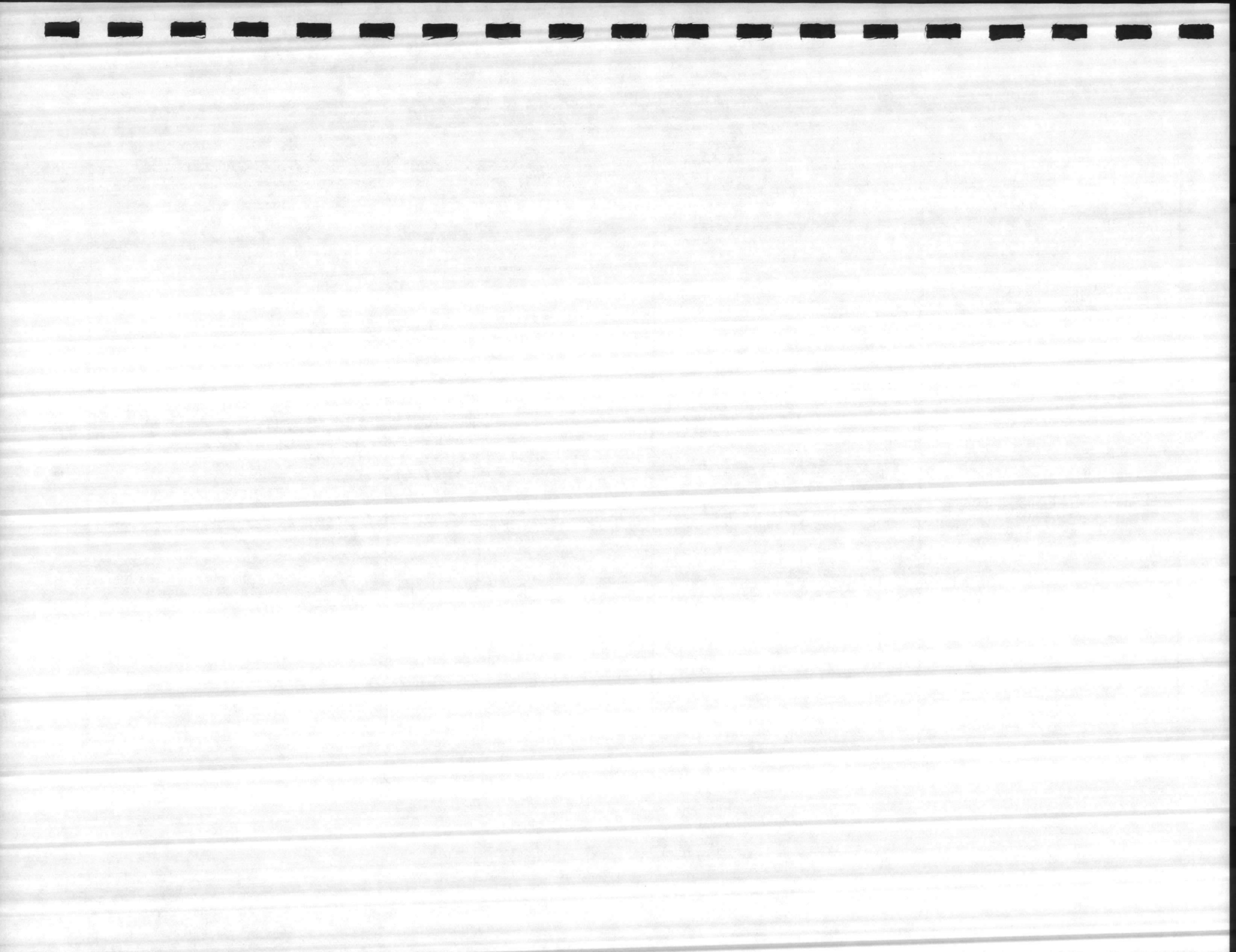
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

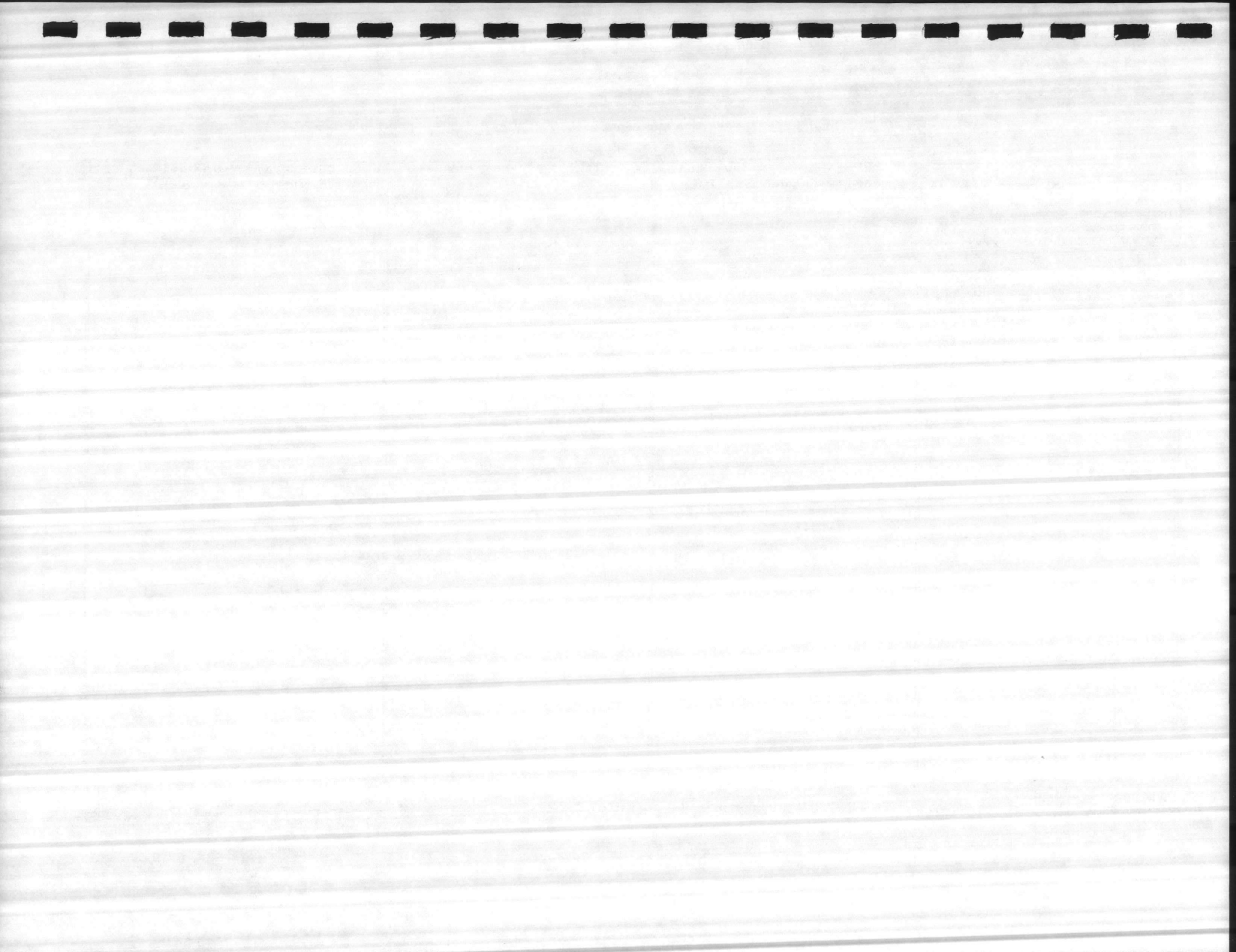
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Water traffic		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Range guard to watch water		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
X  Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: D-30 Rifle/Pistol Range, MCB, Camp Lejeune, NC  
Rifle/Pistol Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.5 X 1.0		
Primary Direction of Fire	3860 MILS/217 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP851367		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	46 rifle 15 pistol		
Range Facilities			
Control Tower.....	X		
Communications System.....			
Target Shed.....	X		
Utility Building.....	X		
Aid Station.....			
Parking Area.....			
Viewing Area.....			

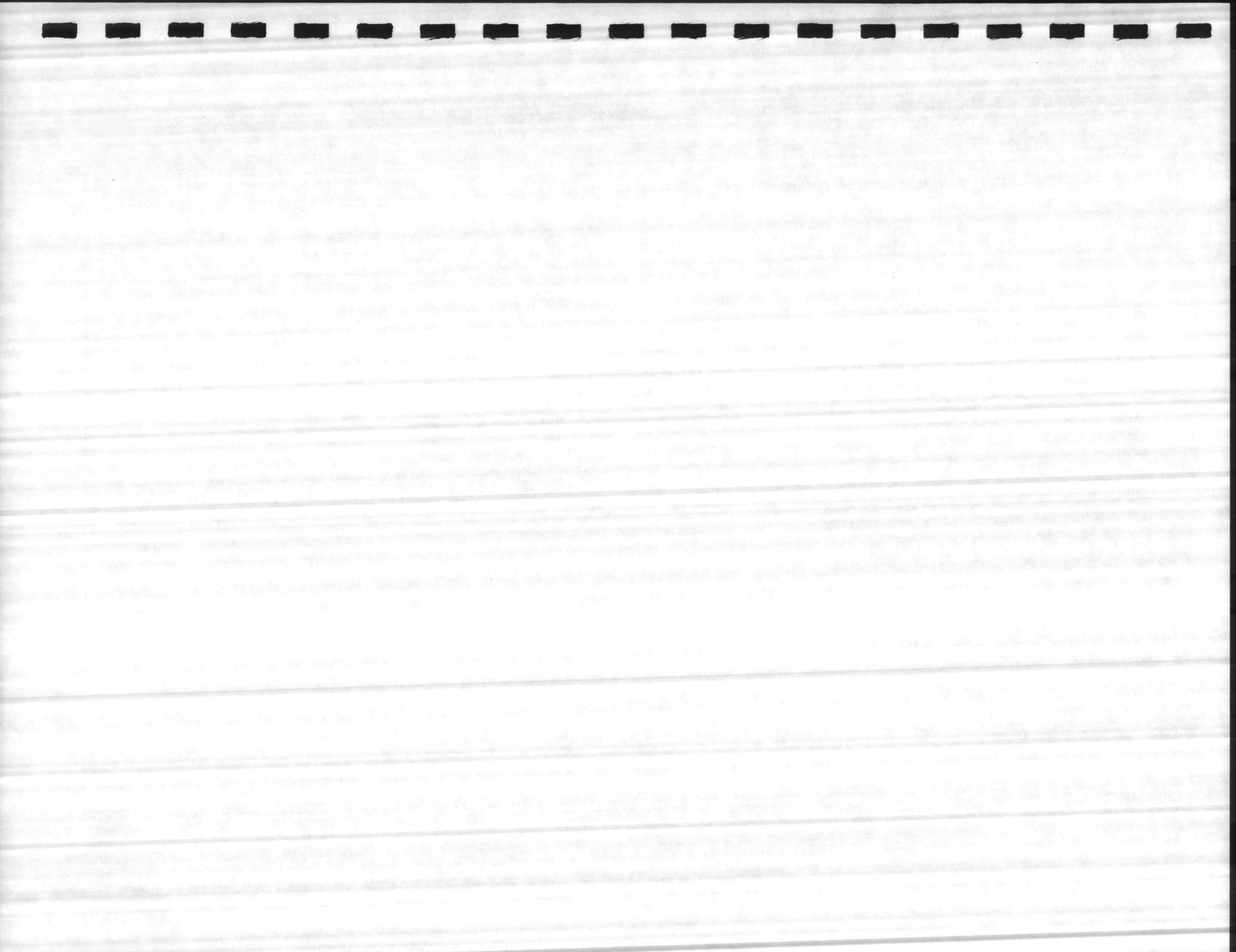
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DATE: 03/05/87

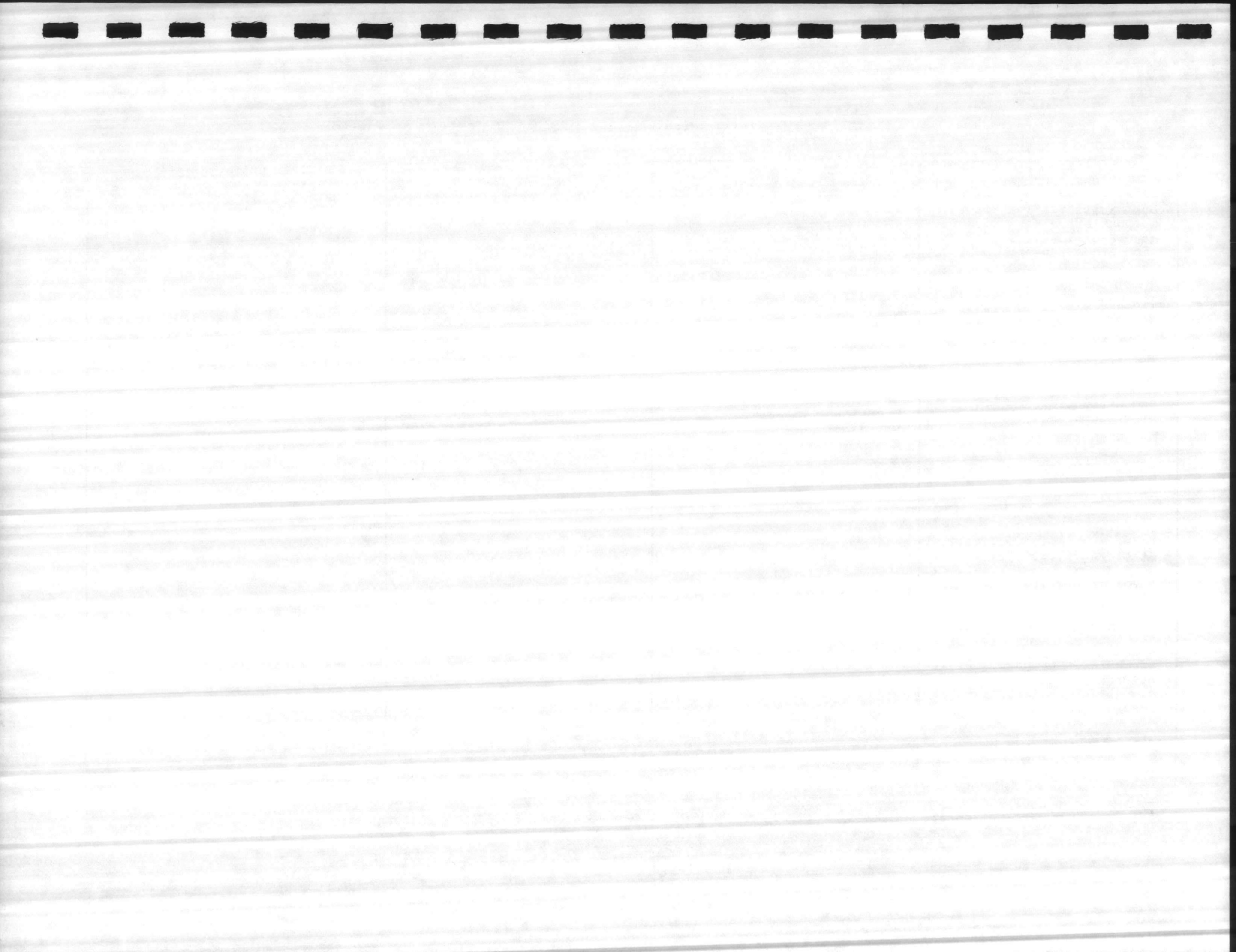
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



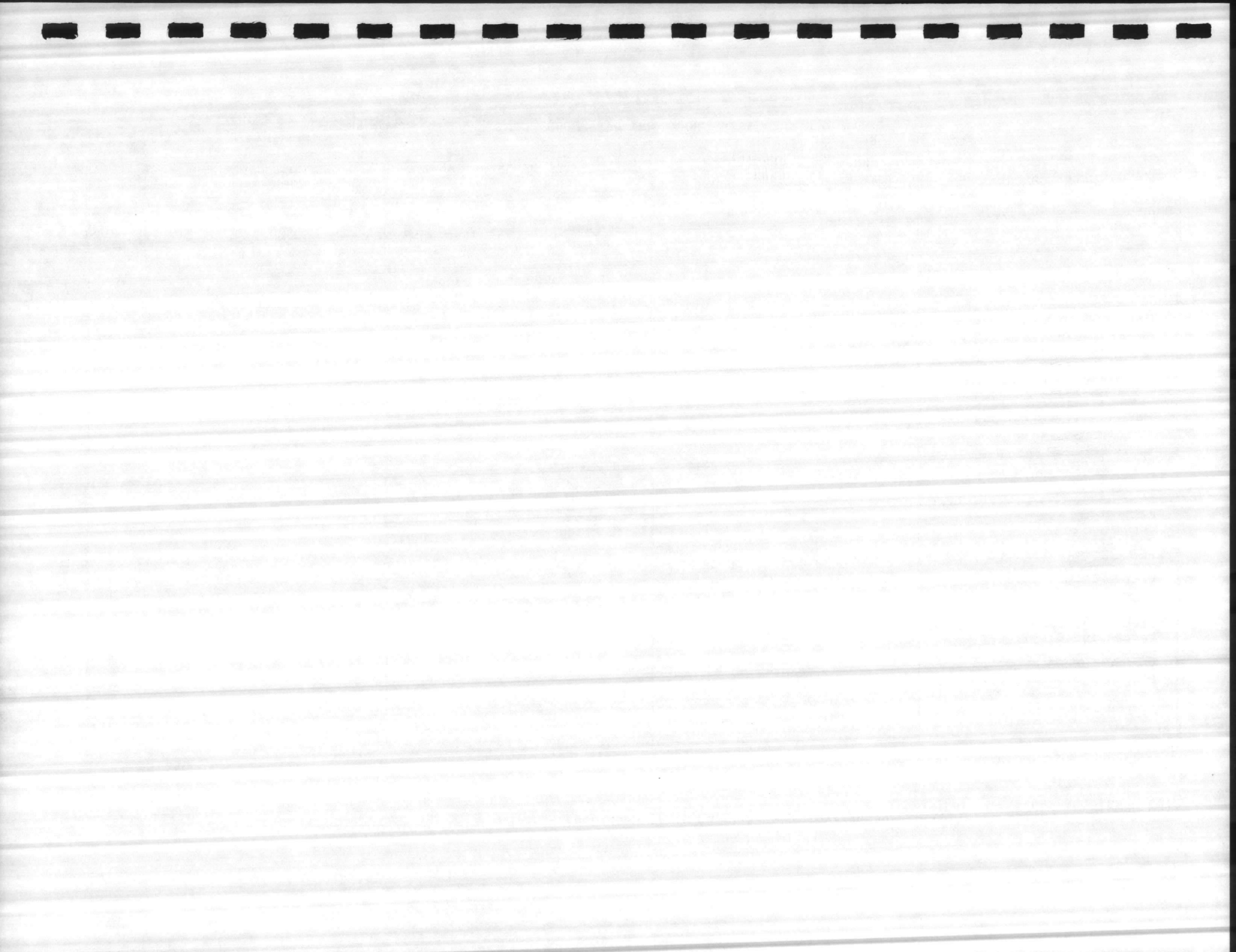
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... X Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other..... X Turning	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

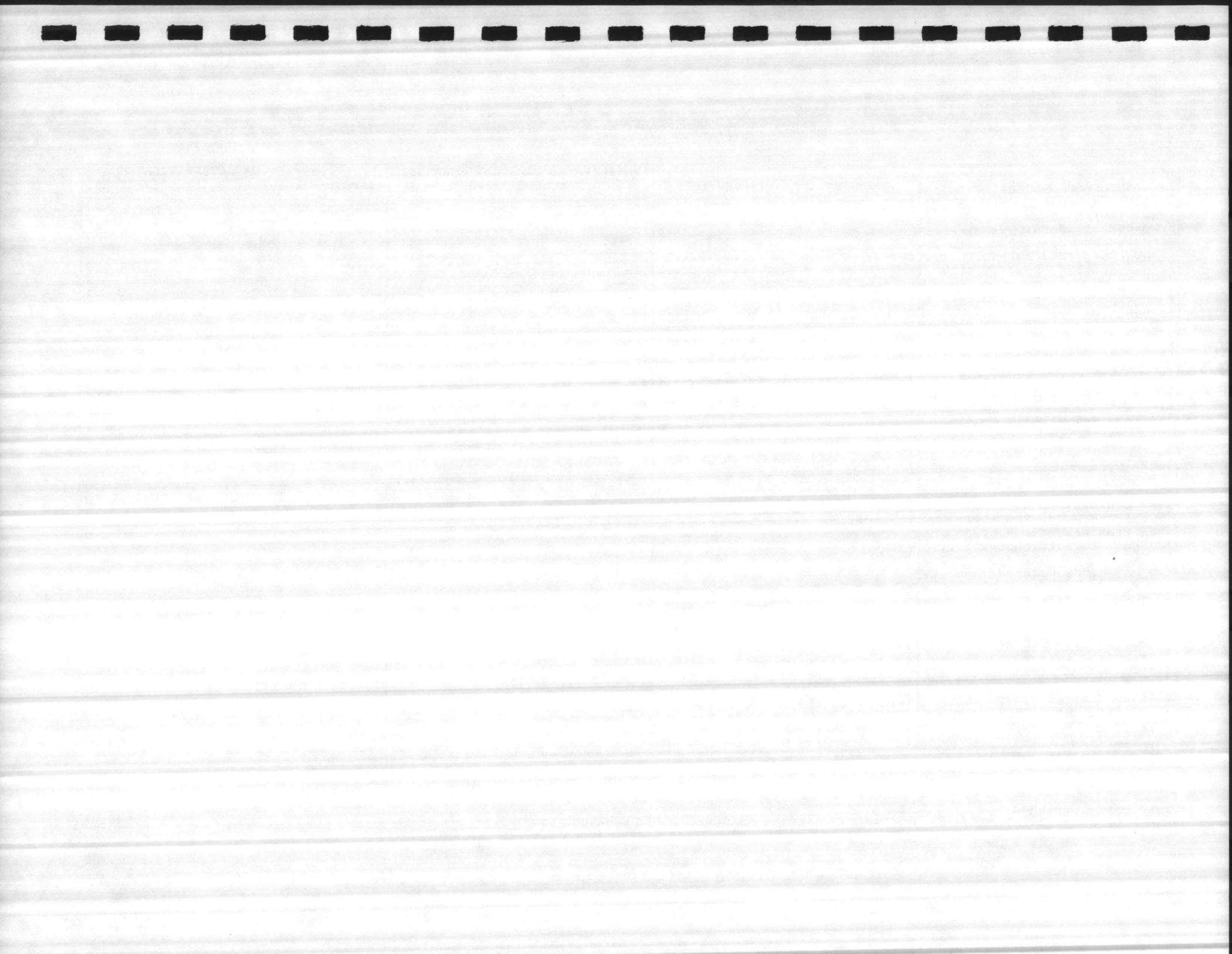
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, M16		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	100	NOT APPLICABLE	NOT APPLICABLE





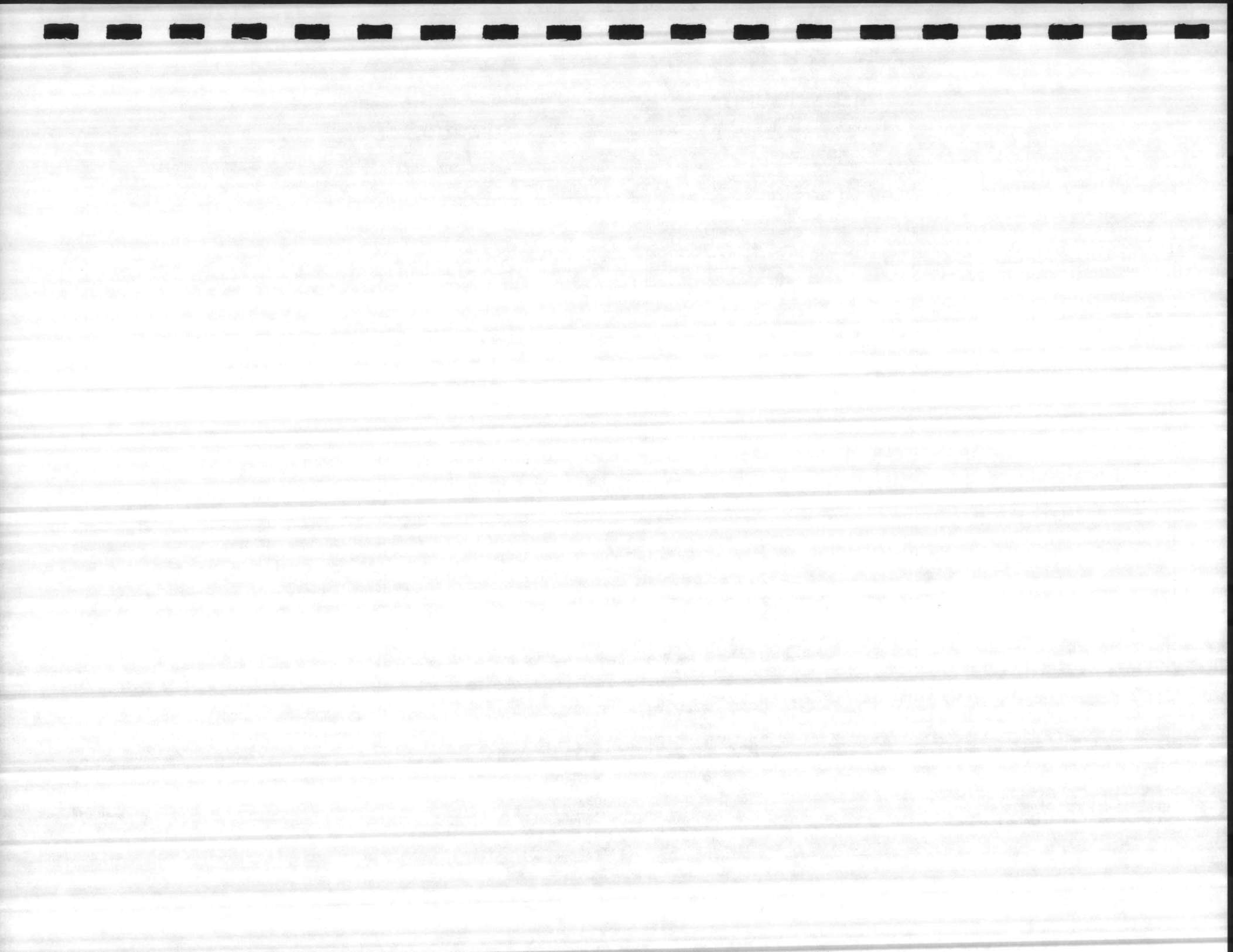
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	4 .....	.....	
Ammunition (km).....	3 .....	.....	
Rations (km).....	1000 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	P-100, R-220 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Water traffic		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Range guard to watch water		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

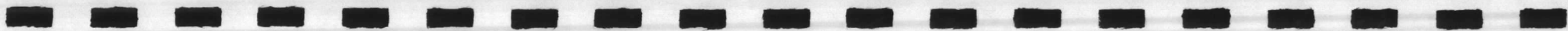
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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: E-1 Surface-to-Air-Missile Range, MCB, Camp Lejeune, NC  
 Surface-to-Air-Missile Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

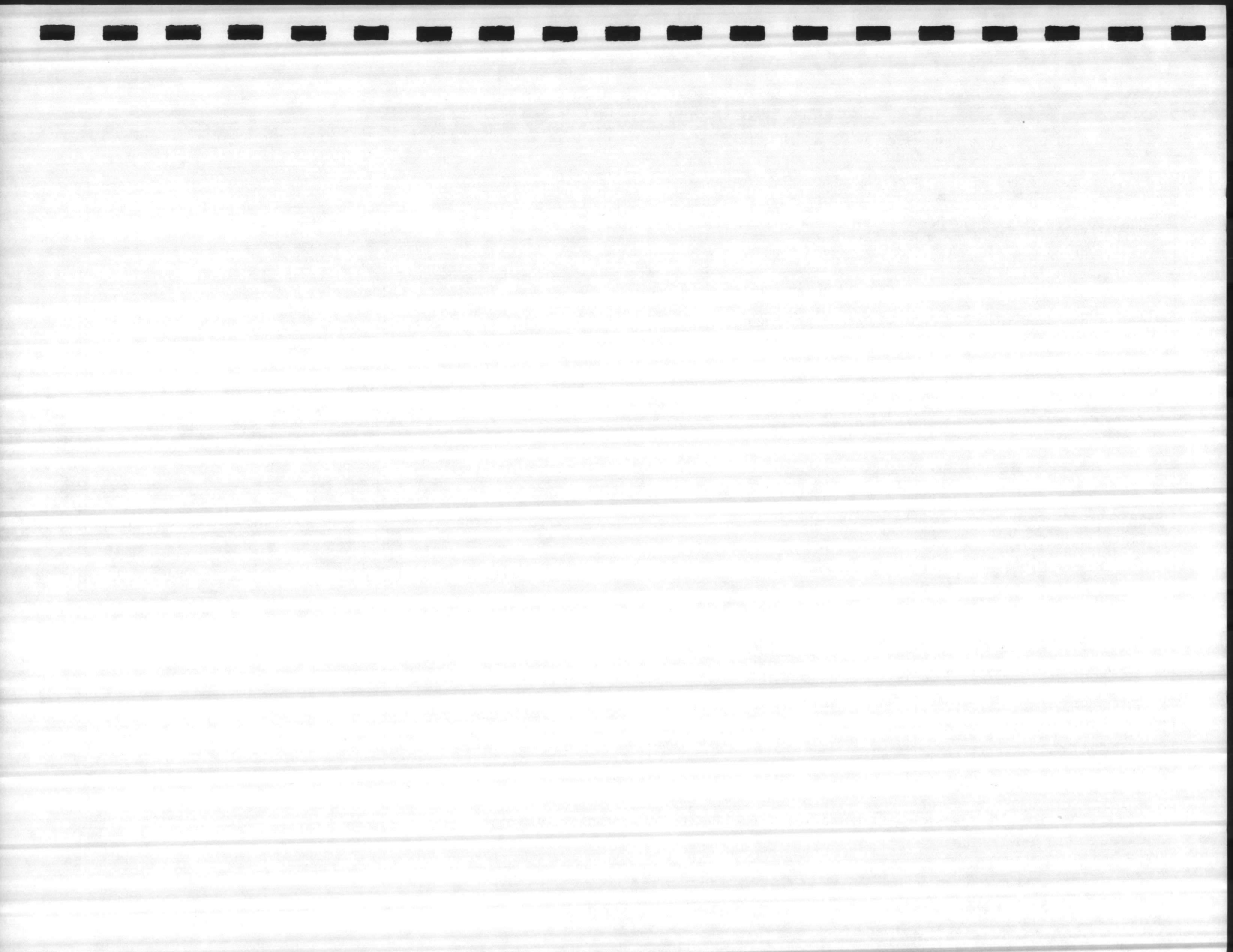
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	See Description (page 6 of 6) 2.5		
Primary Direction of Fire	Seaward		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP880246 right flank TP899260 left flank		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	12.2 m to 2.5 km		
Number of Firing Points/ Stations	Unlimited (on beach)		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

FILE NAME: LP010009

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

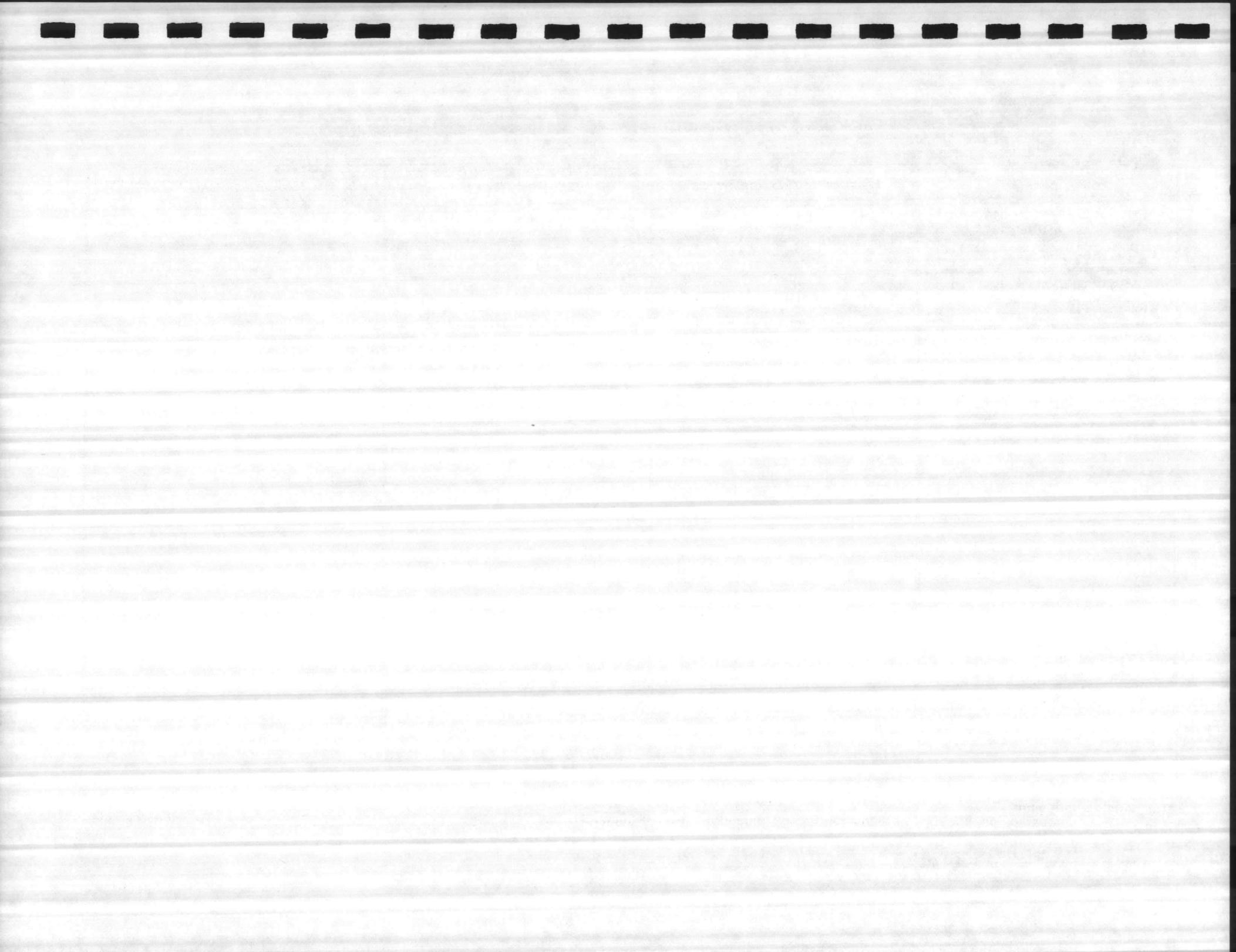
LFRTS-P-0001





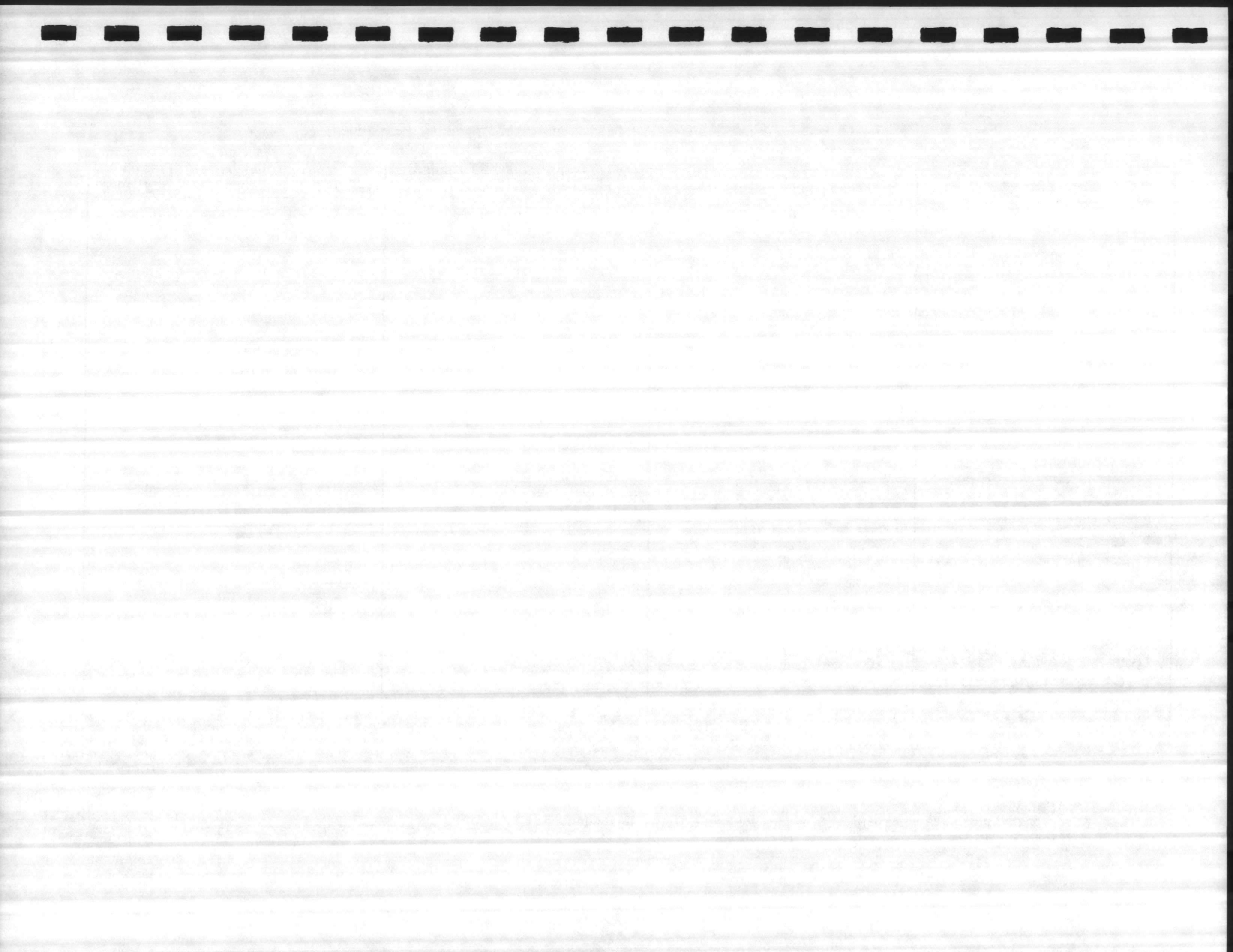
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



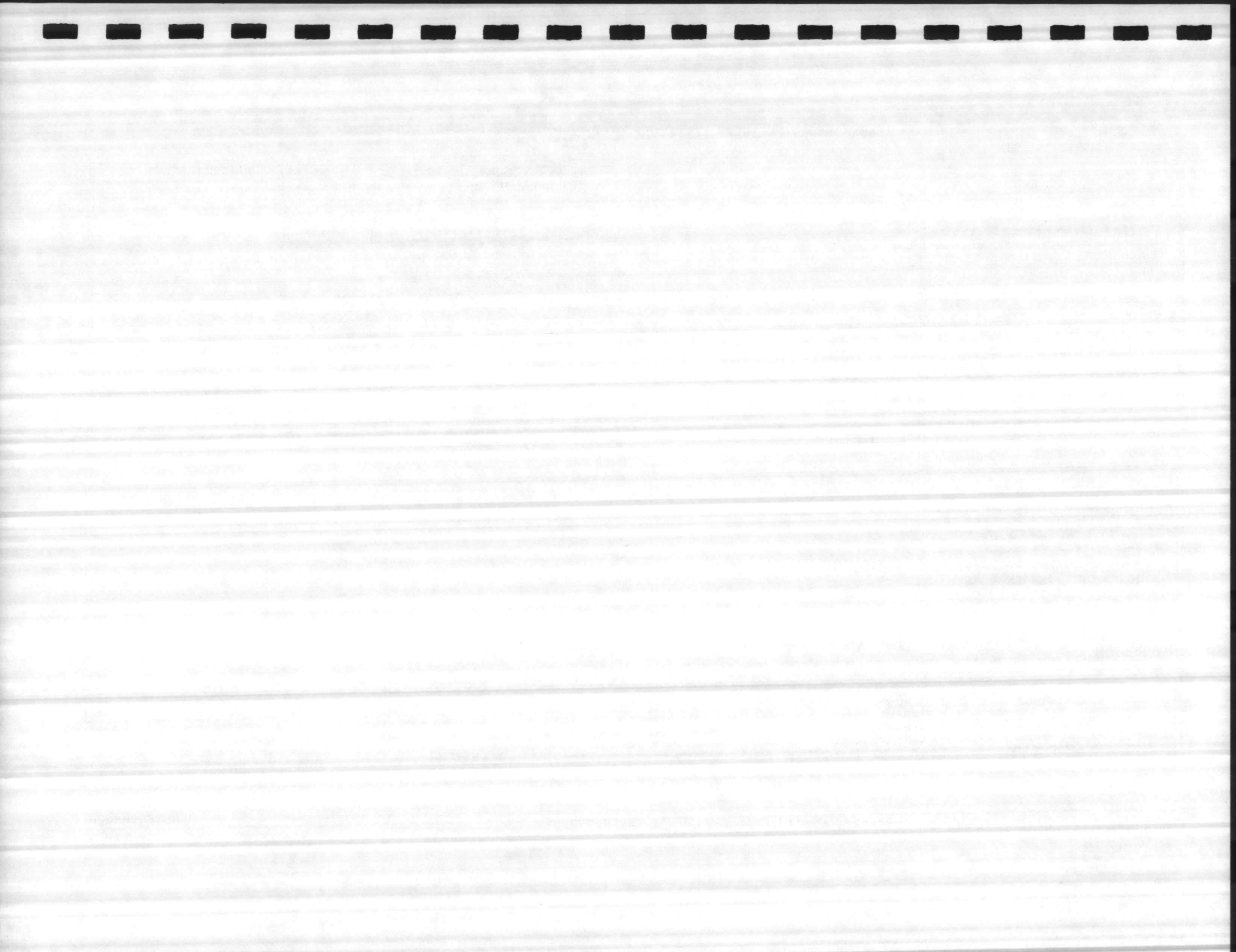
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	HAWK, REDEYE, STINGER		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



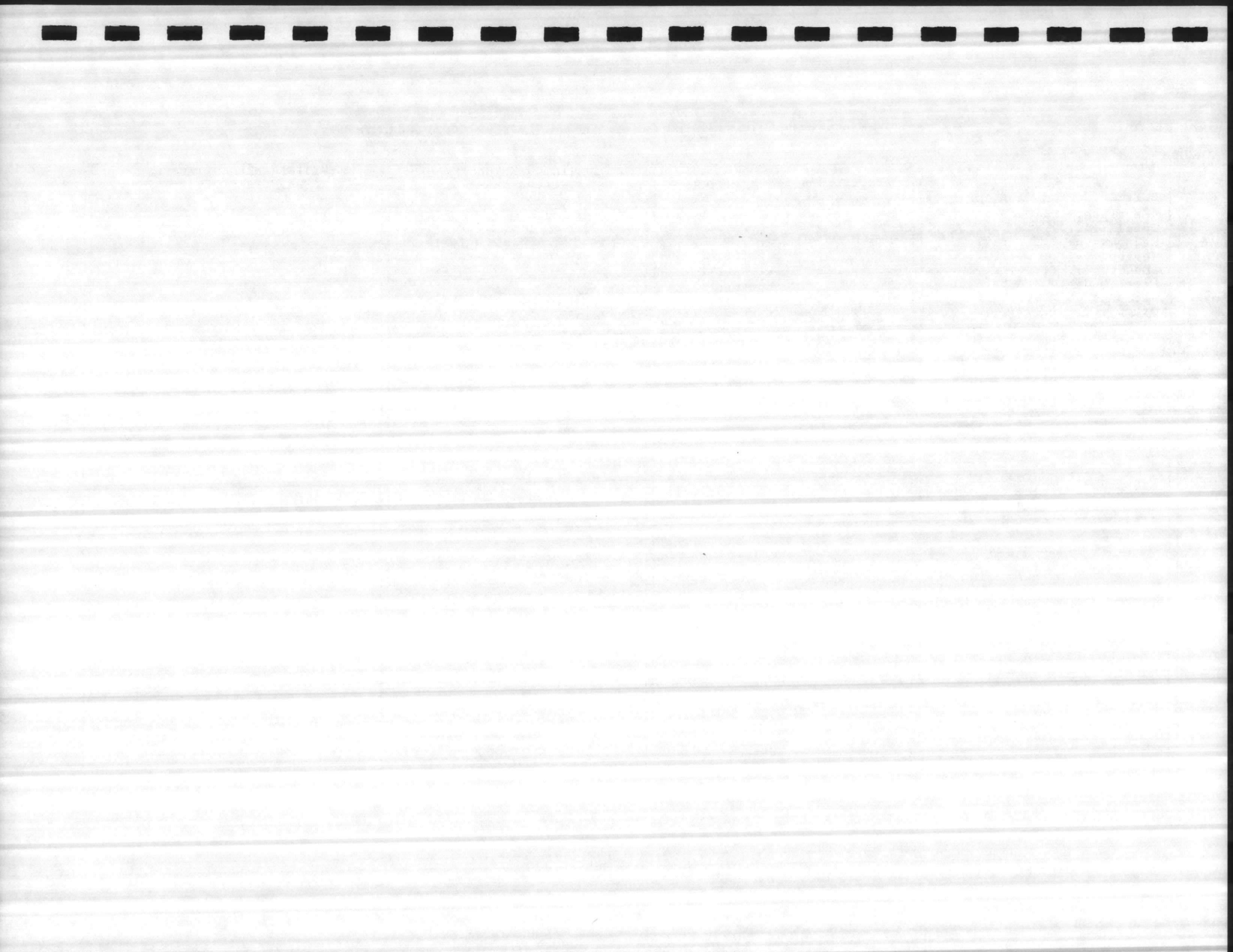
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	100	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....		.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	1	.....	.....
No. of Land Water Routes....		.....	.....
No. of Air Ingress Routes...		.....	.....
No. of Air Egress Routes....		.....	.....
No. of Beach Access Areas...		.....	.....
Distance from Supply Points			
POL (km).....	1000 m	.....	.....
Ammunition (km).....	9	.....	.....
Rations (km).....	1000 m	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	1	.....	.....
No. of Batteries.....		.....	.....
No. of Crew-Served Wpns...		.....	.....
No. of Aircraft/Helos.....		.....	.....
as Appropriate			
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Aerial sweep to ensure water areas are clear		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Whales, Sea Turtles        Migrating whales Sea turtle nests		
	Description (from page 1 of 6) Range is northeast along Onslow Beach to Riseley Pier Right Flank - Az 180 degrees grid (N) Left Flank - Az 085 degrees grid (N)		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-2 Field Firing Range, MCB, Camp Lejeune, NC  
 Field Firing Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.7 X 1.9		
Primary Direction of Fire	3402 MILS/191 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP907427		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Berm (squad) 13 men maximum moving forward		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....	X		
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

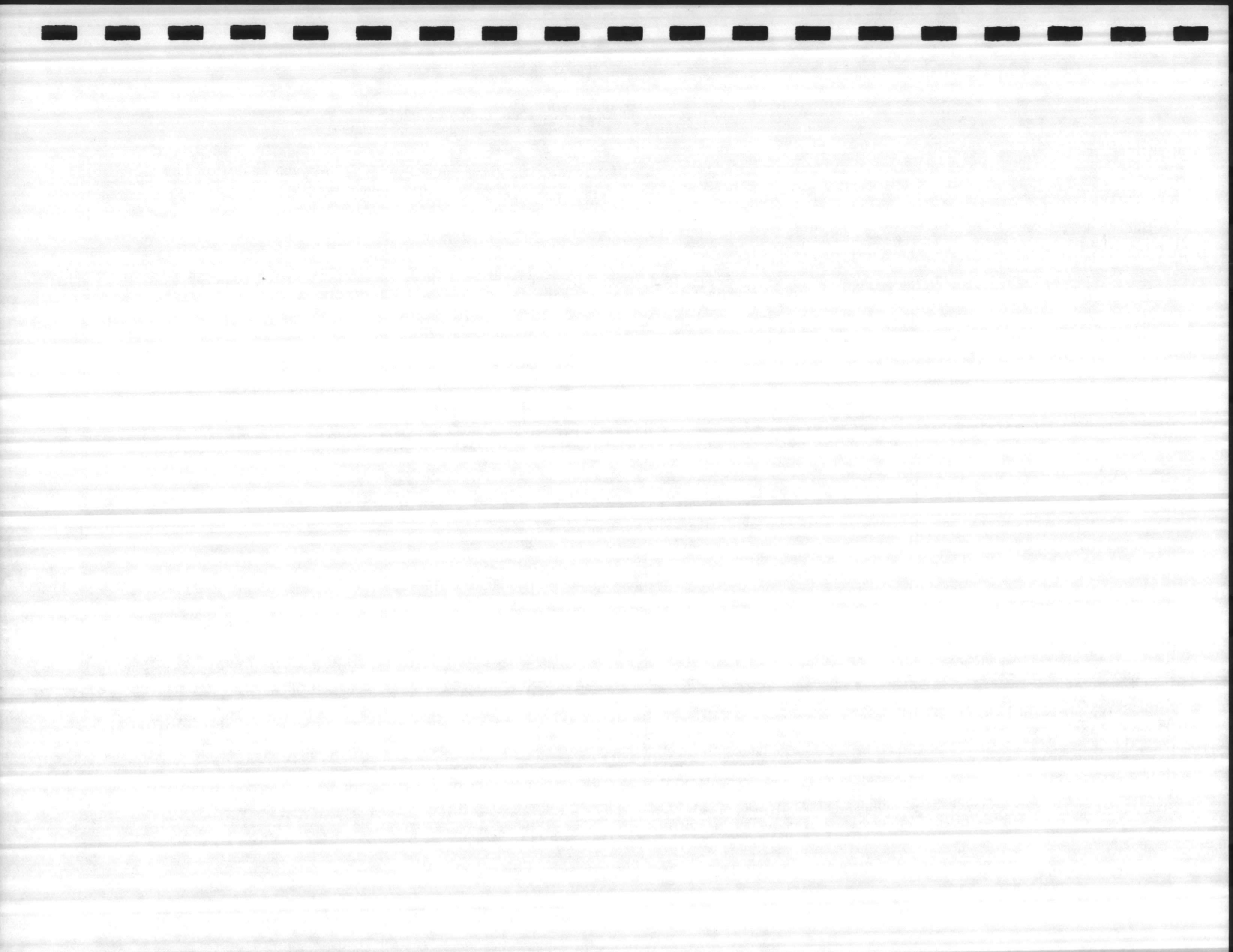
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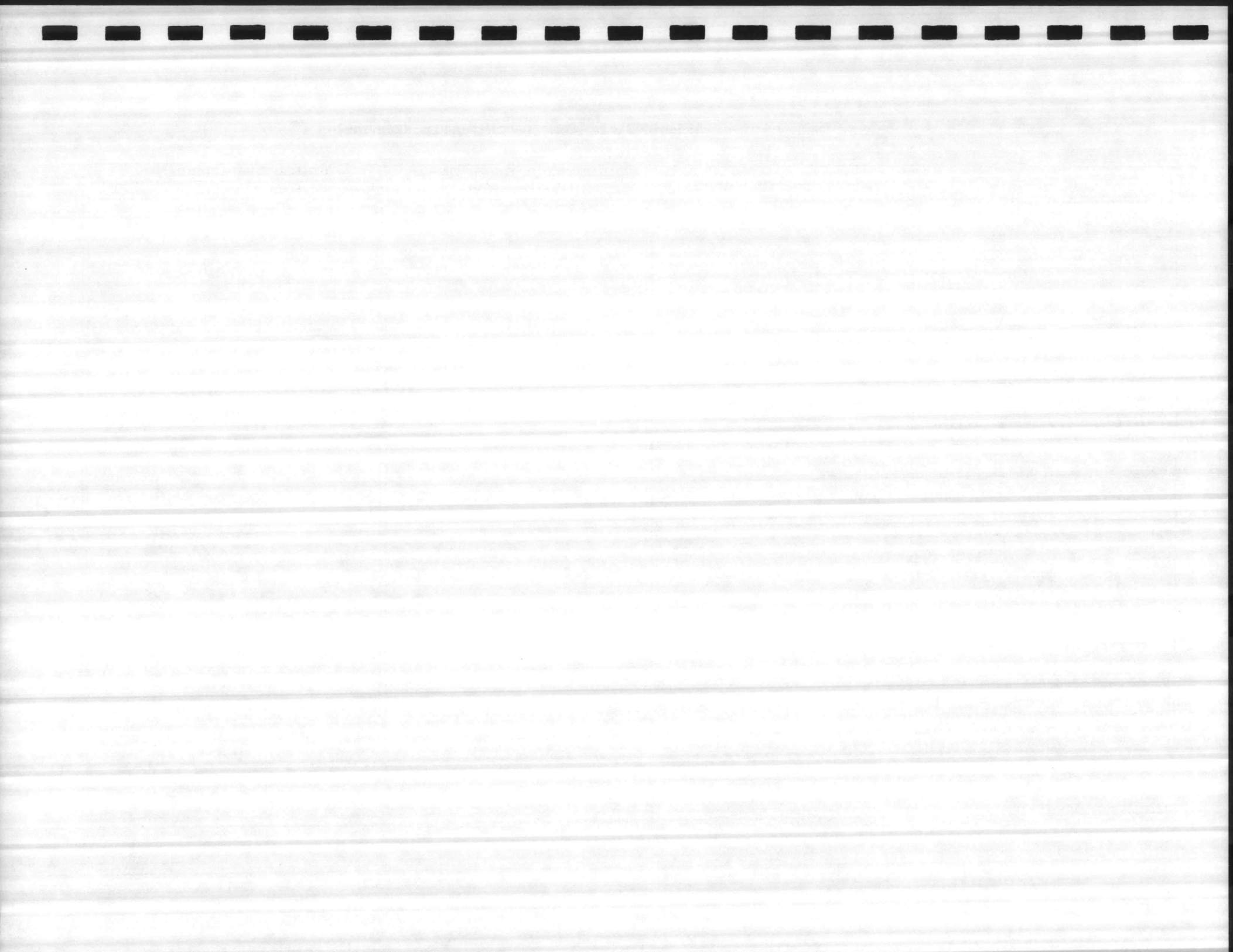
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



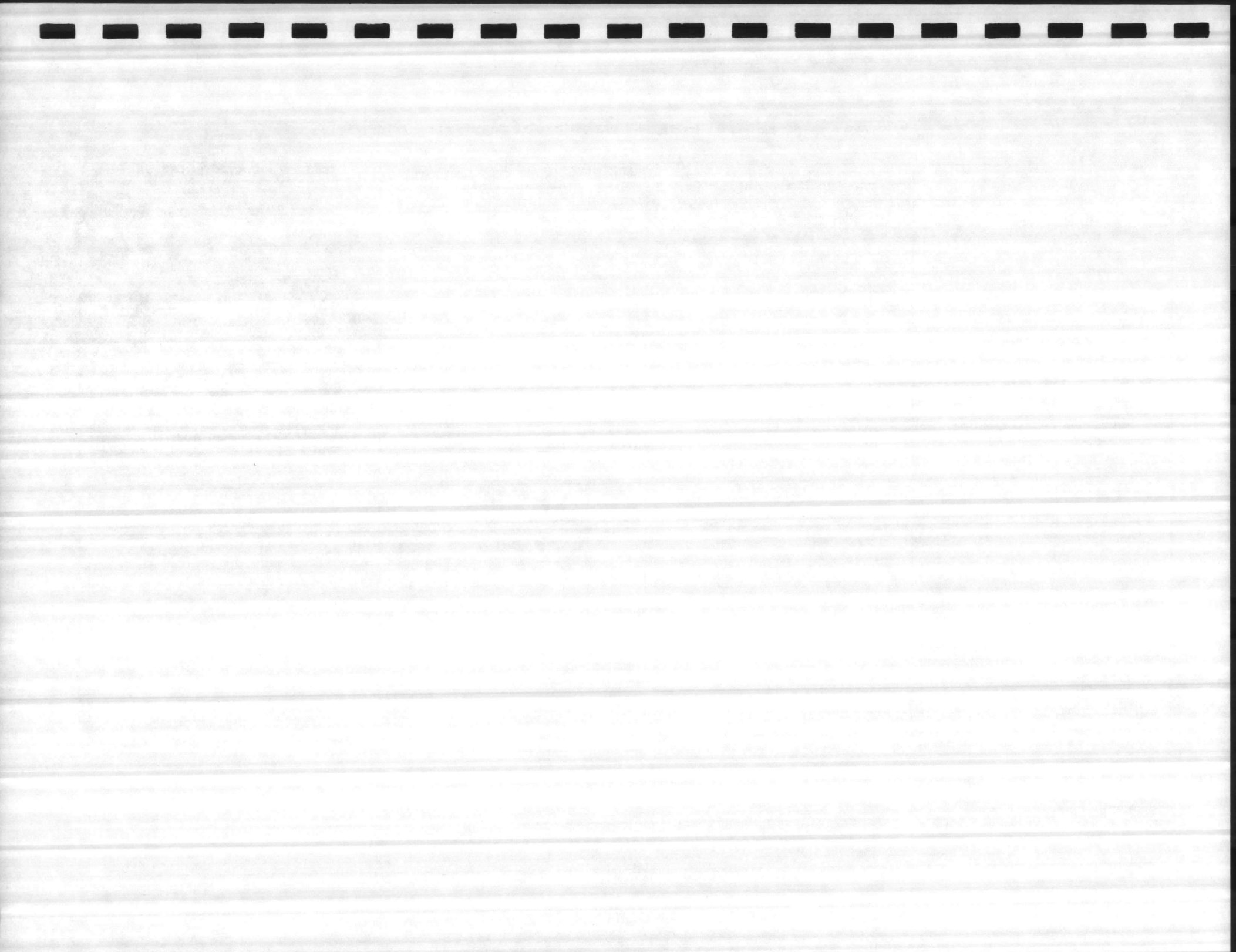
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

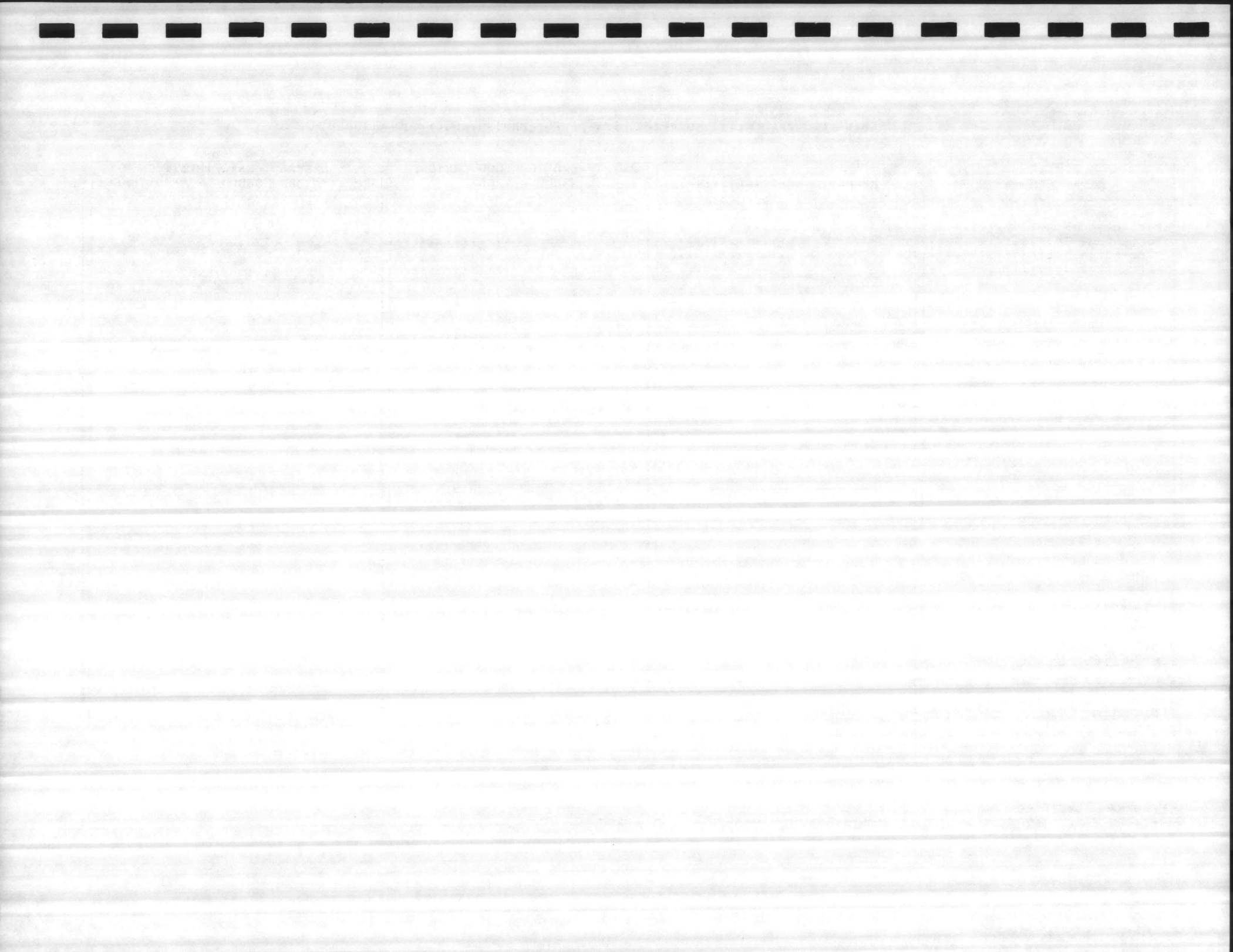
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, shotgun, M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 95 Percentage Clay..... Percentage Swamp/Marsh..... 5 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





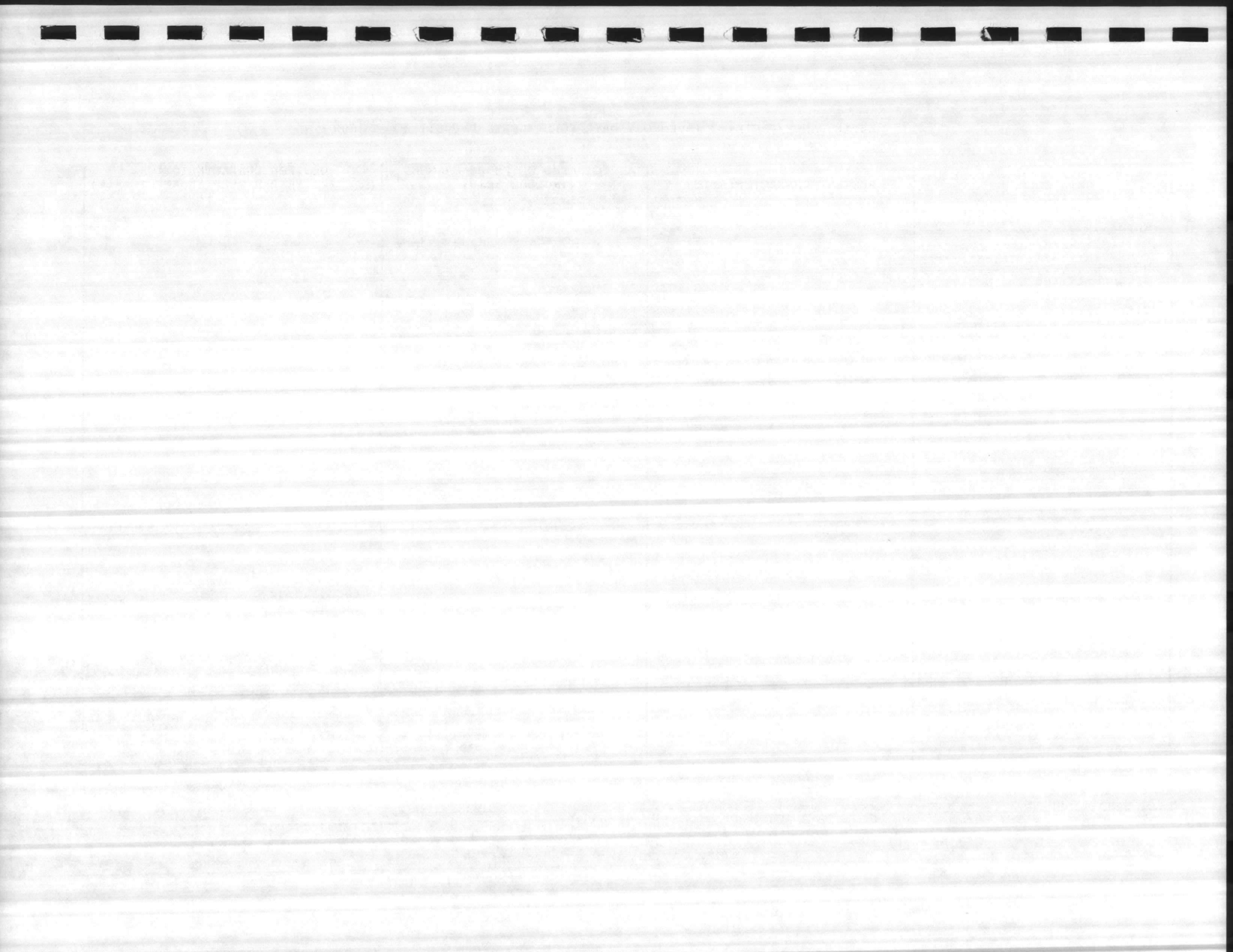
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	15 .....	.....	
Ammunition (km).....	13 .....	.....	
Rations (km).....	13 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	150 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use?	No		
Yes, No			



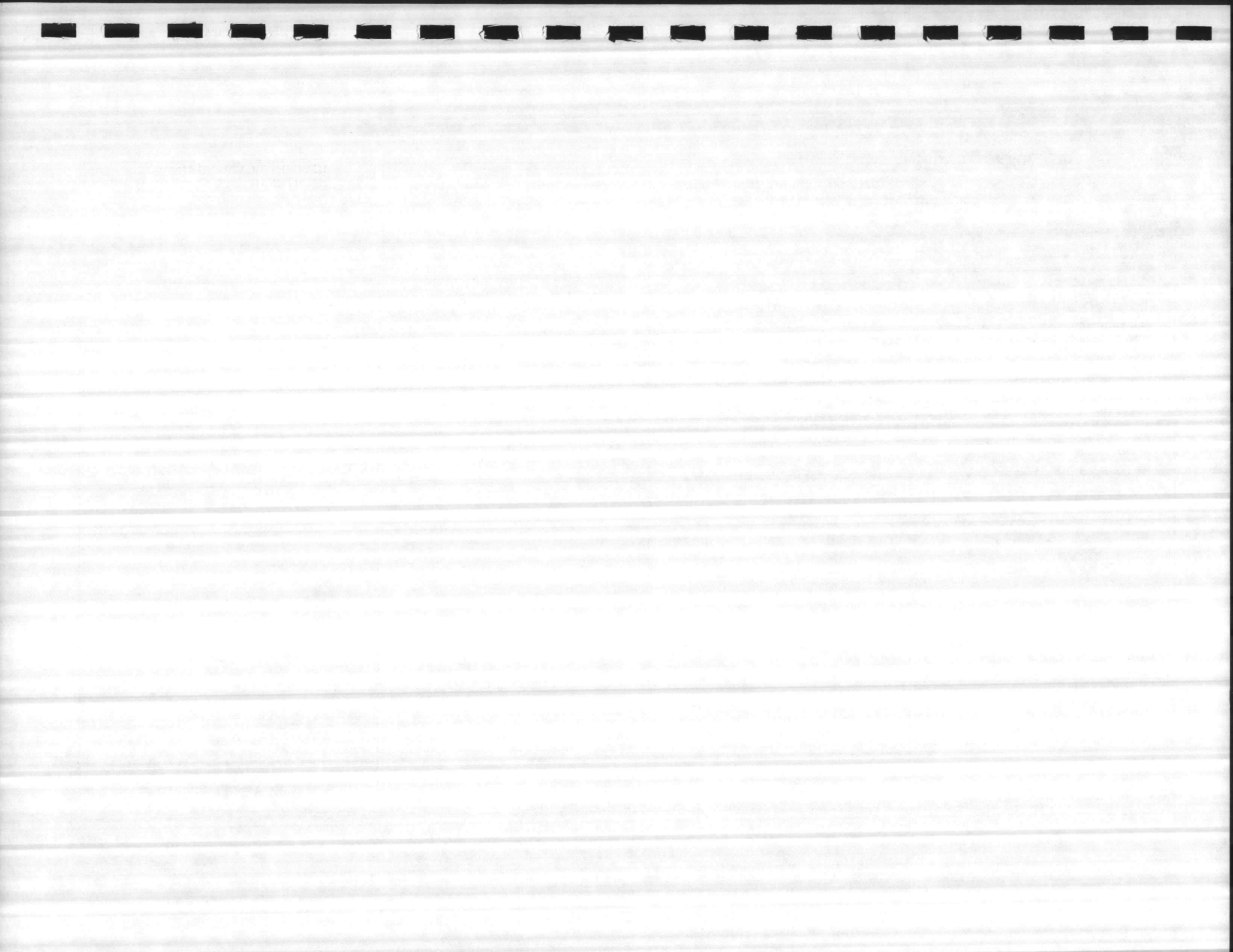
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	FA Maneuver Area GP-1, F-5		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-4 Fire Control Range, MCB, Camp Lejeune, NC  
 Fire Control Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.58 X 1.2		
Primary Direction of Fire	3550 MILS/200 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP918421		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	10		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X X		

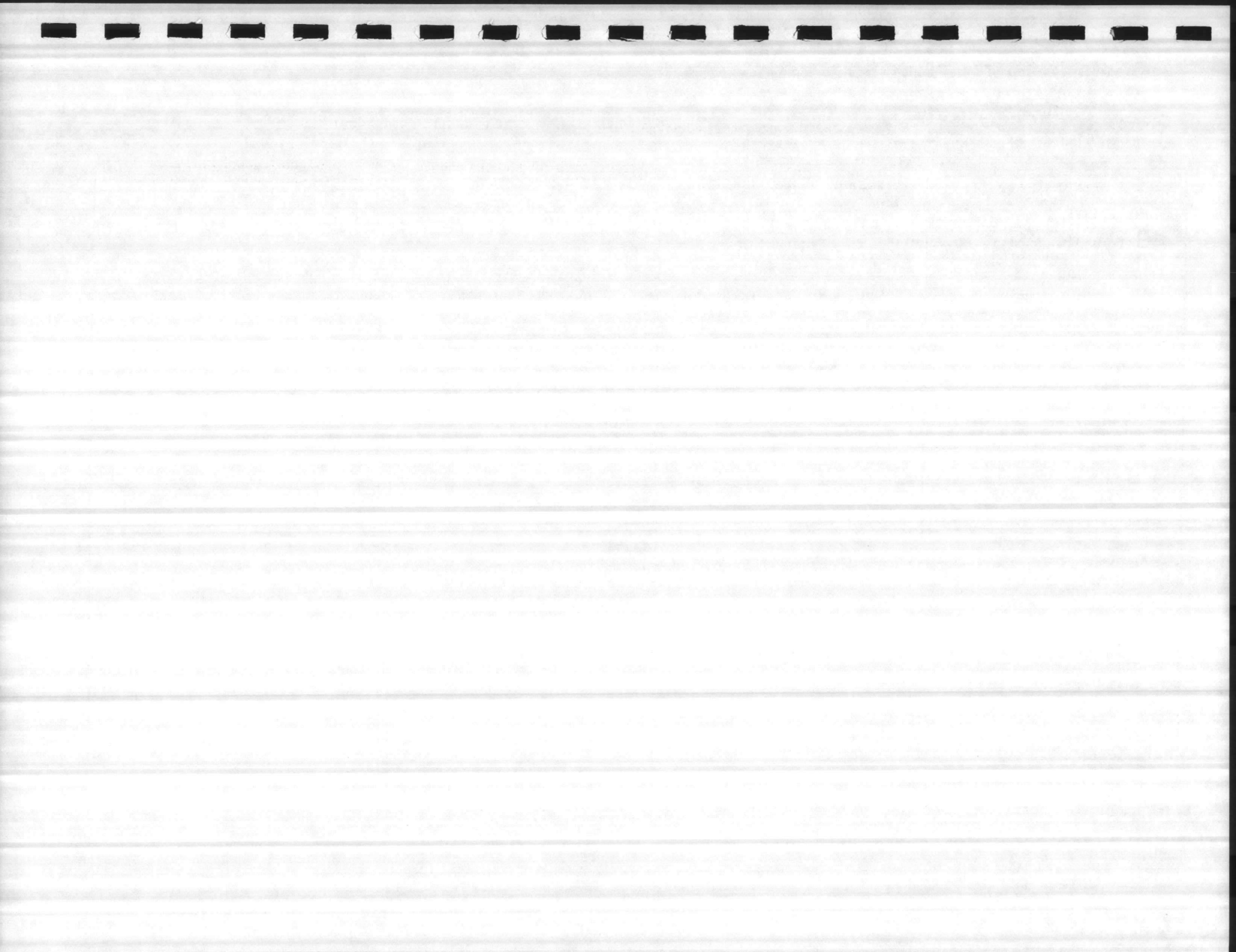
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

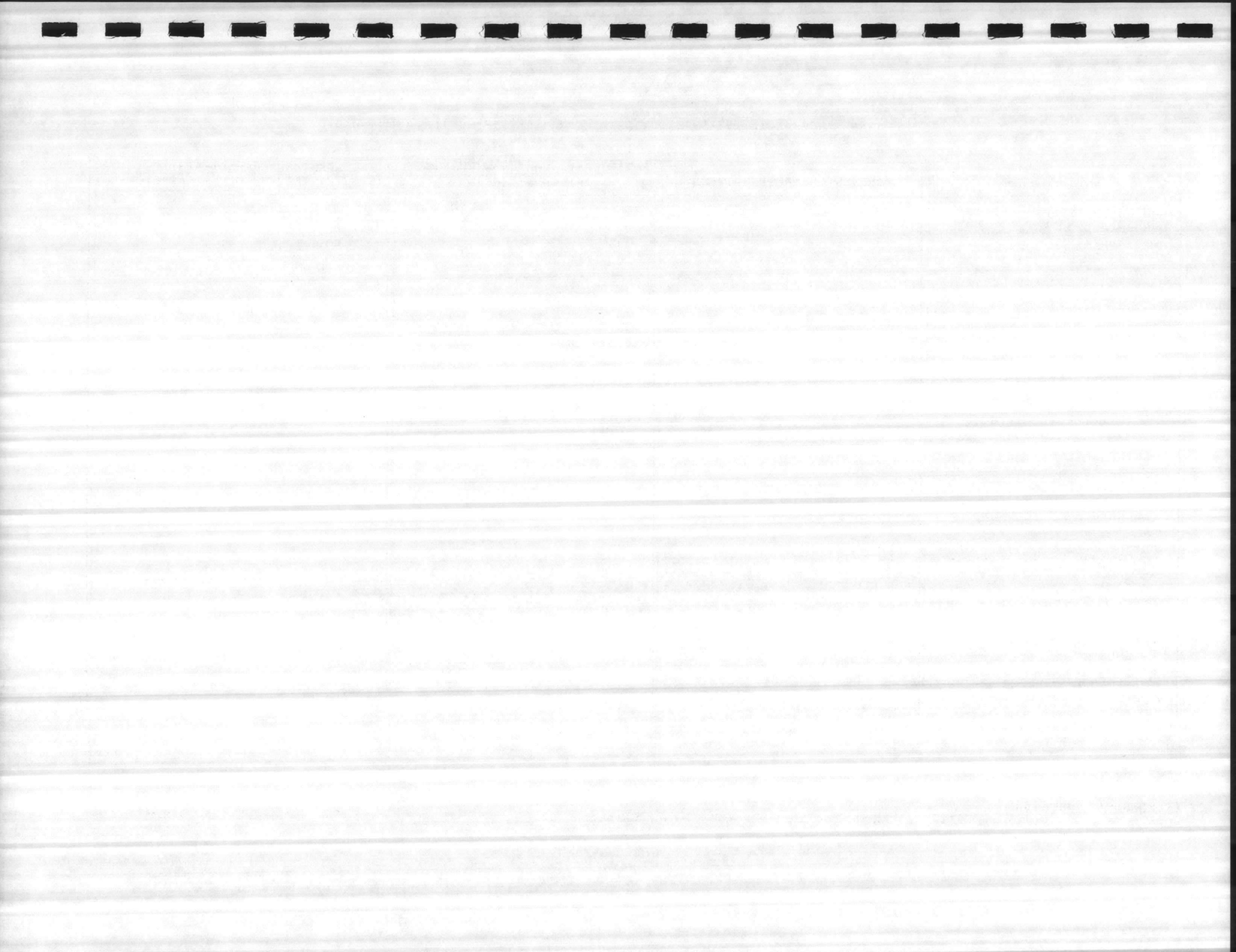
LFRTS-P-0001





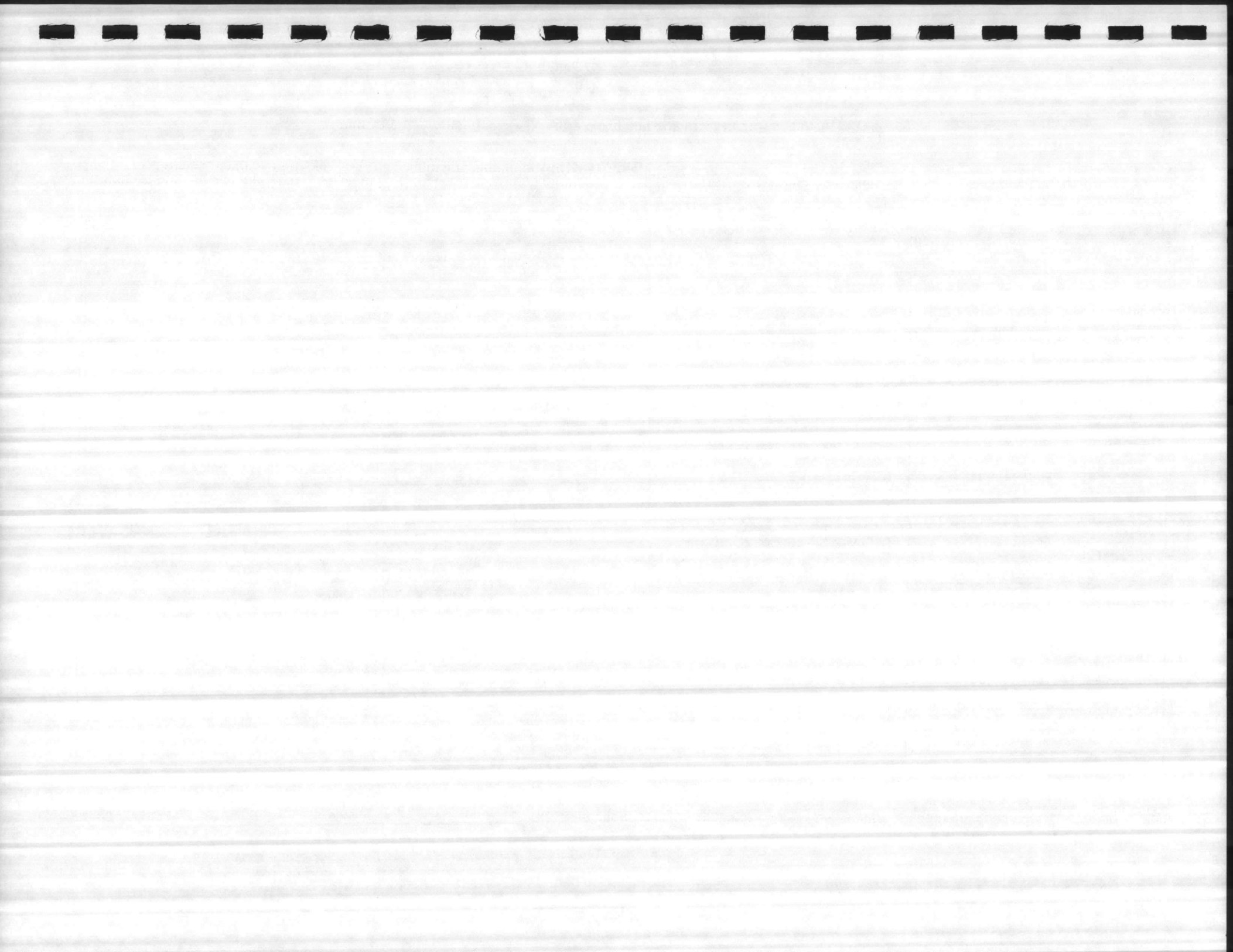
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... 10 targets Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X Stationary..... Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	Yes 2 artillery 1 machine gun		



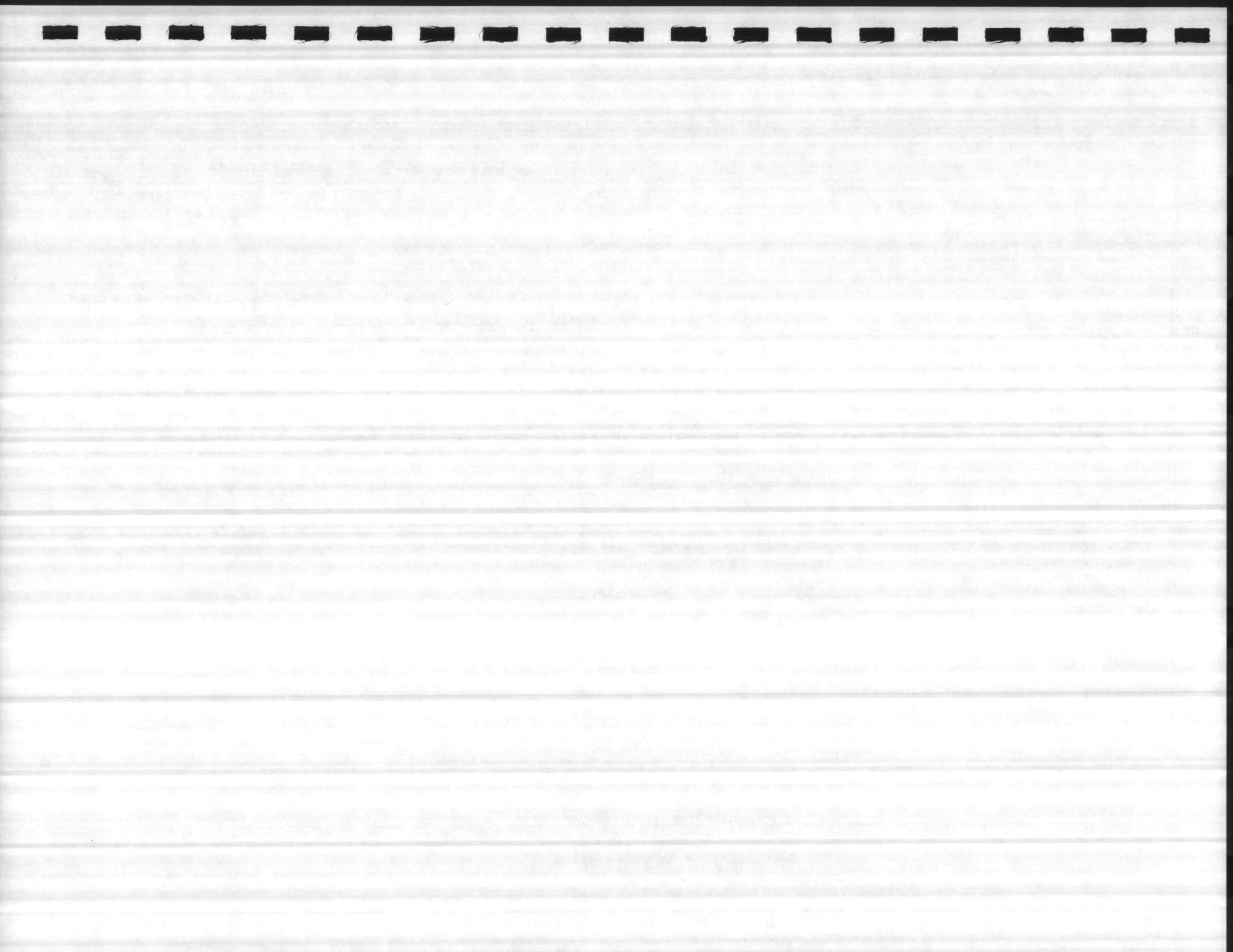
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, shotgun, M16, SAW		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	100	NOT APPLICABLE	NOT APPLICABLE



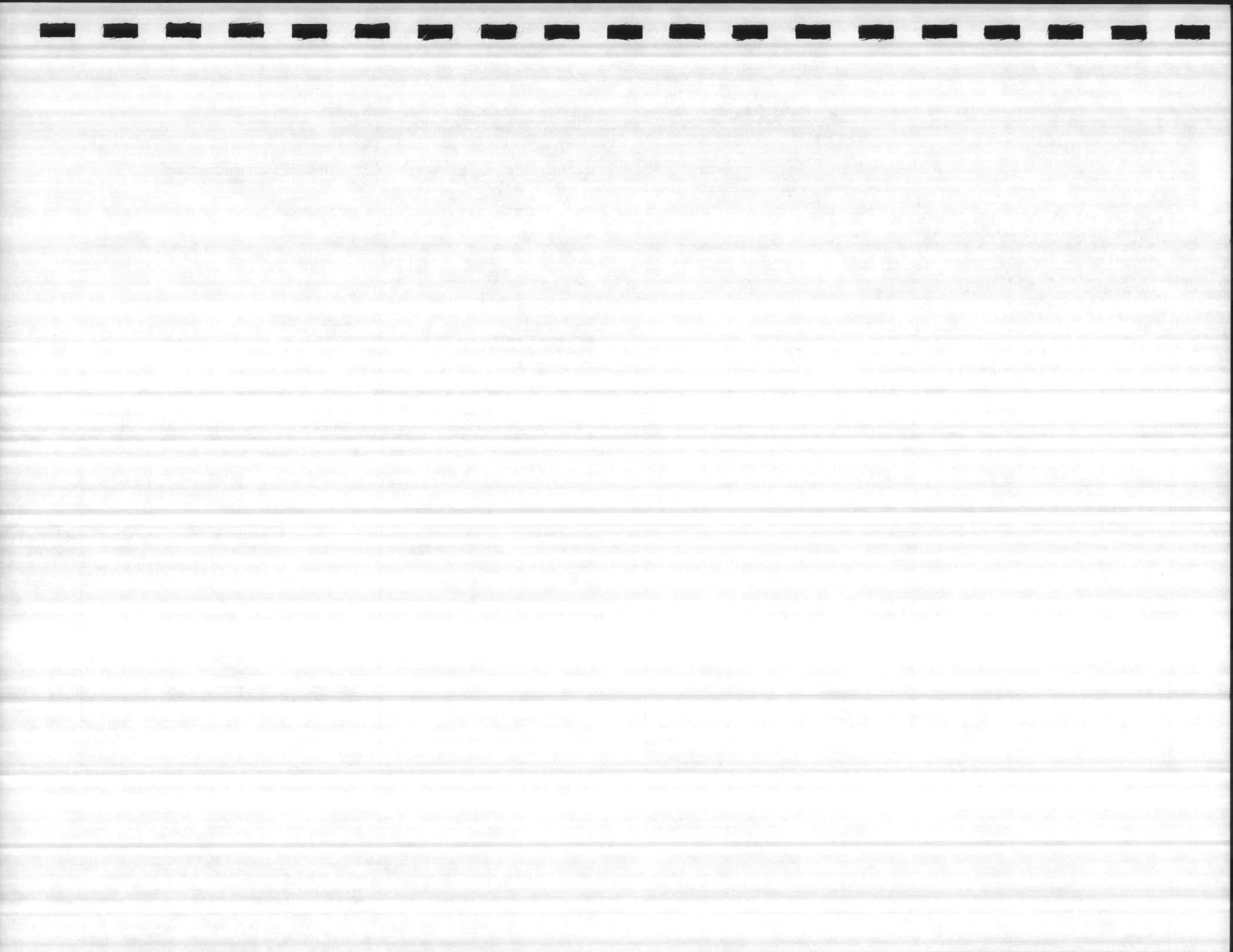
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	17 .....	.....	
Ammunition (km).....	15 .....	.....	
Rations (km).....	17 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	65 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	FB, FC Maneuver Areas GP-3		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No movement 900 m downrange		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-5 MP Pistol Range, MCB, Camp Lejeune, NC  
 MP Pistol Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.6 X 1.8		
Primary Direction of Fire	3673 MILS/207 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP909426		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	12		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

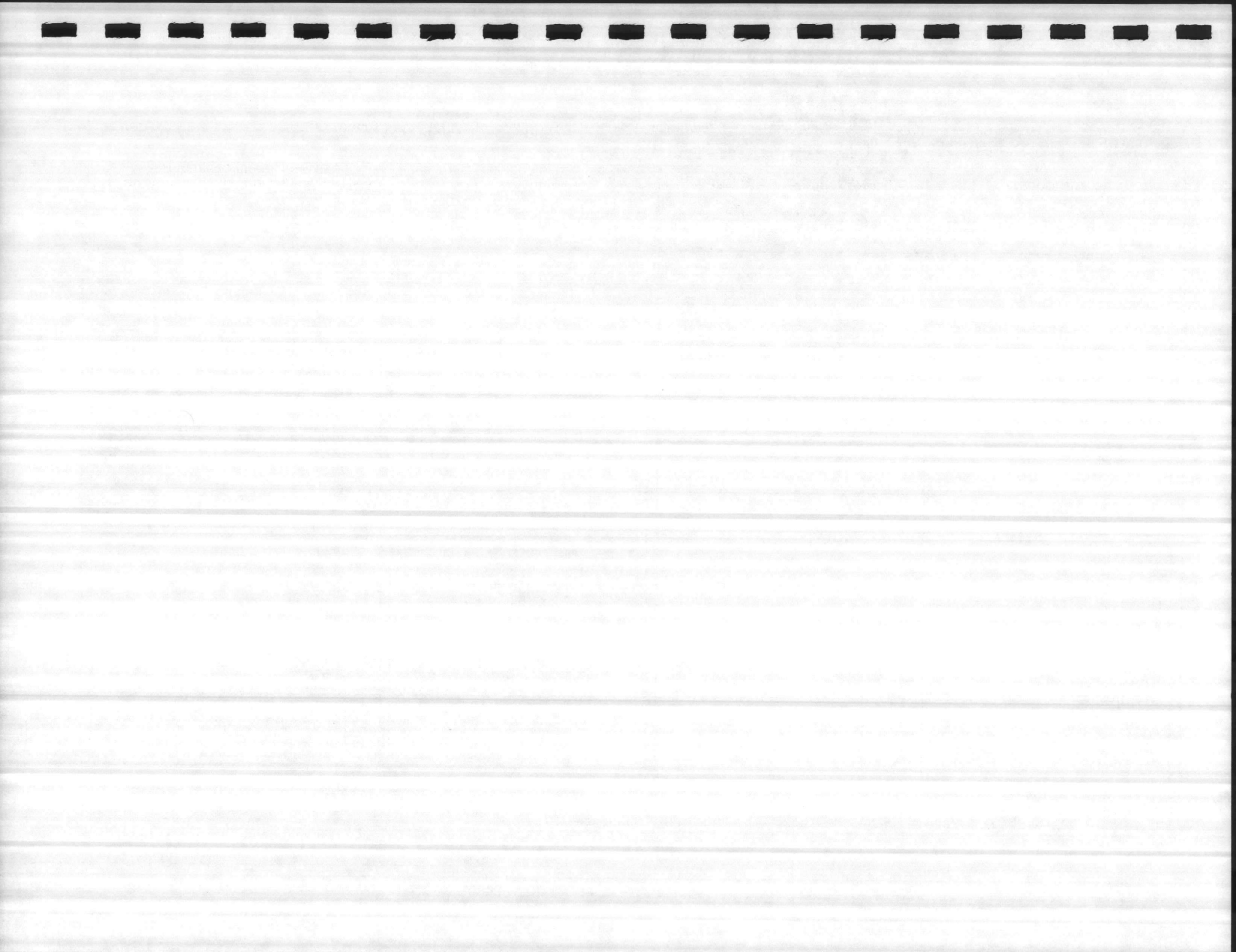
FILE NAME: LP010012

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DATE: 03/05/87

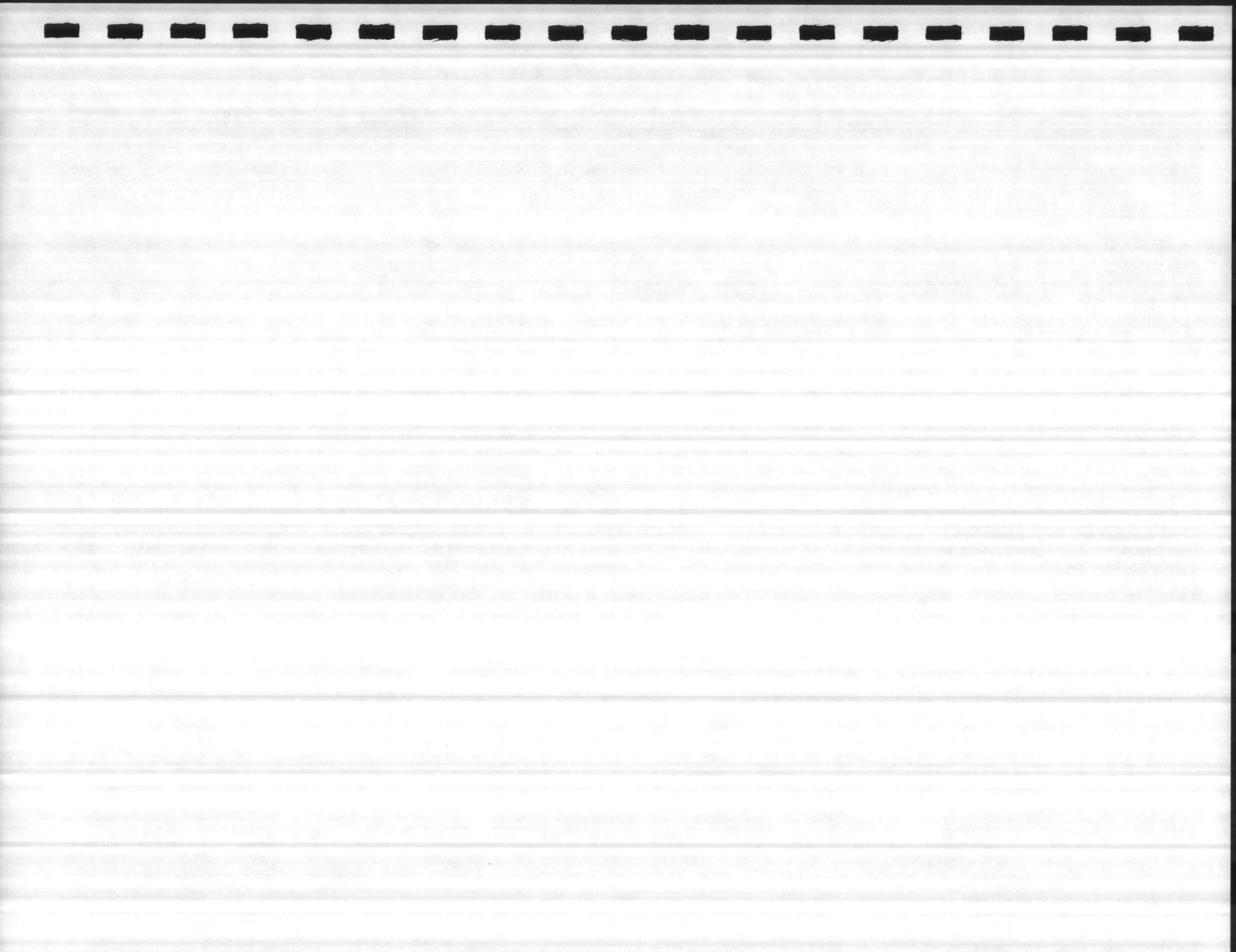
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



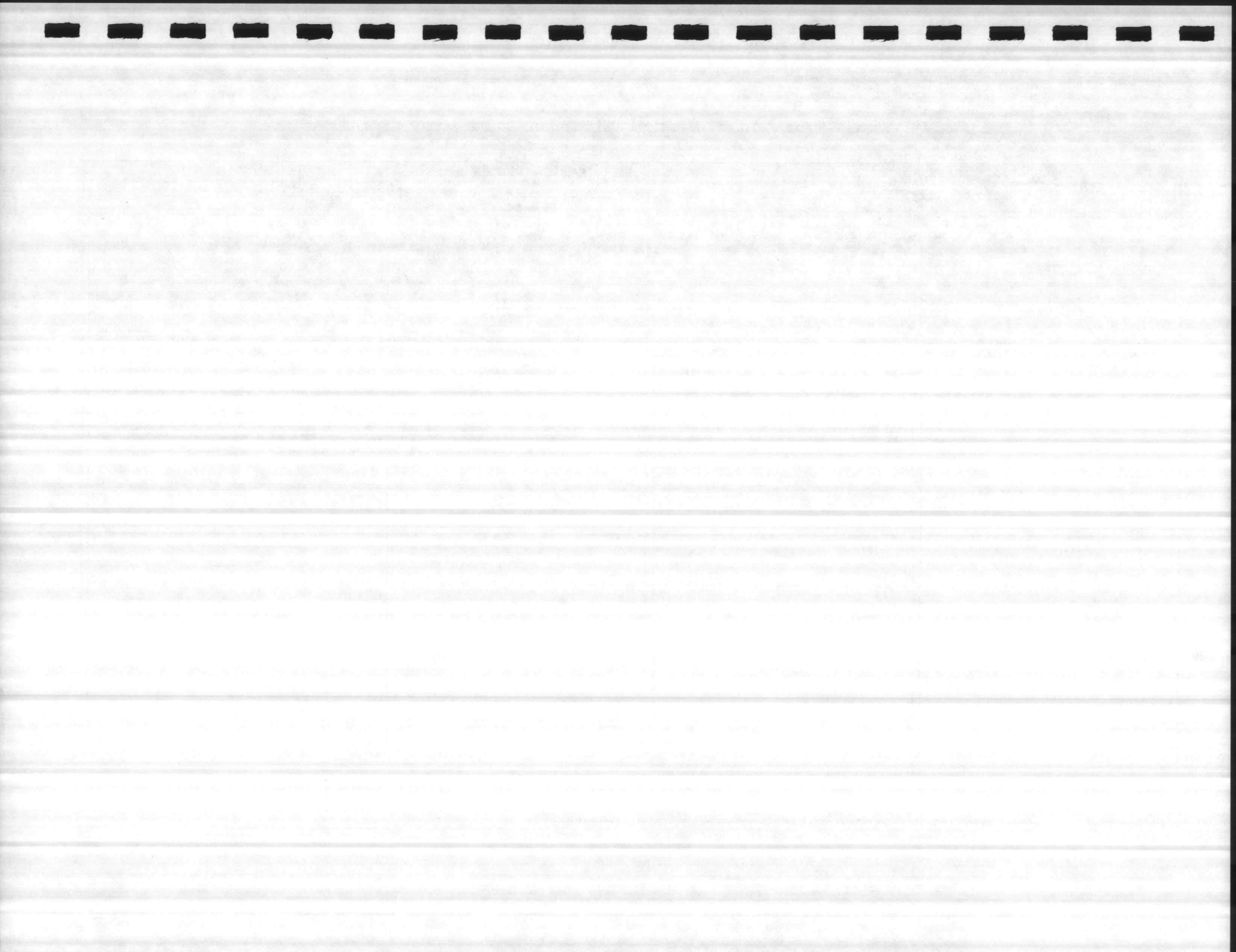
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... X ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

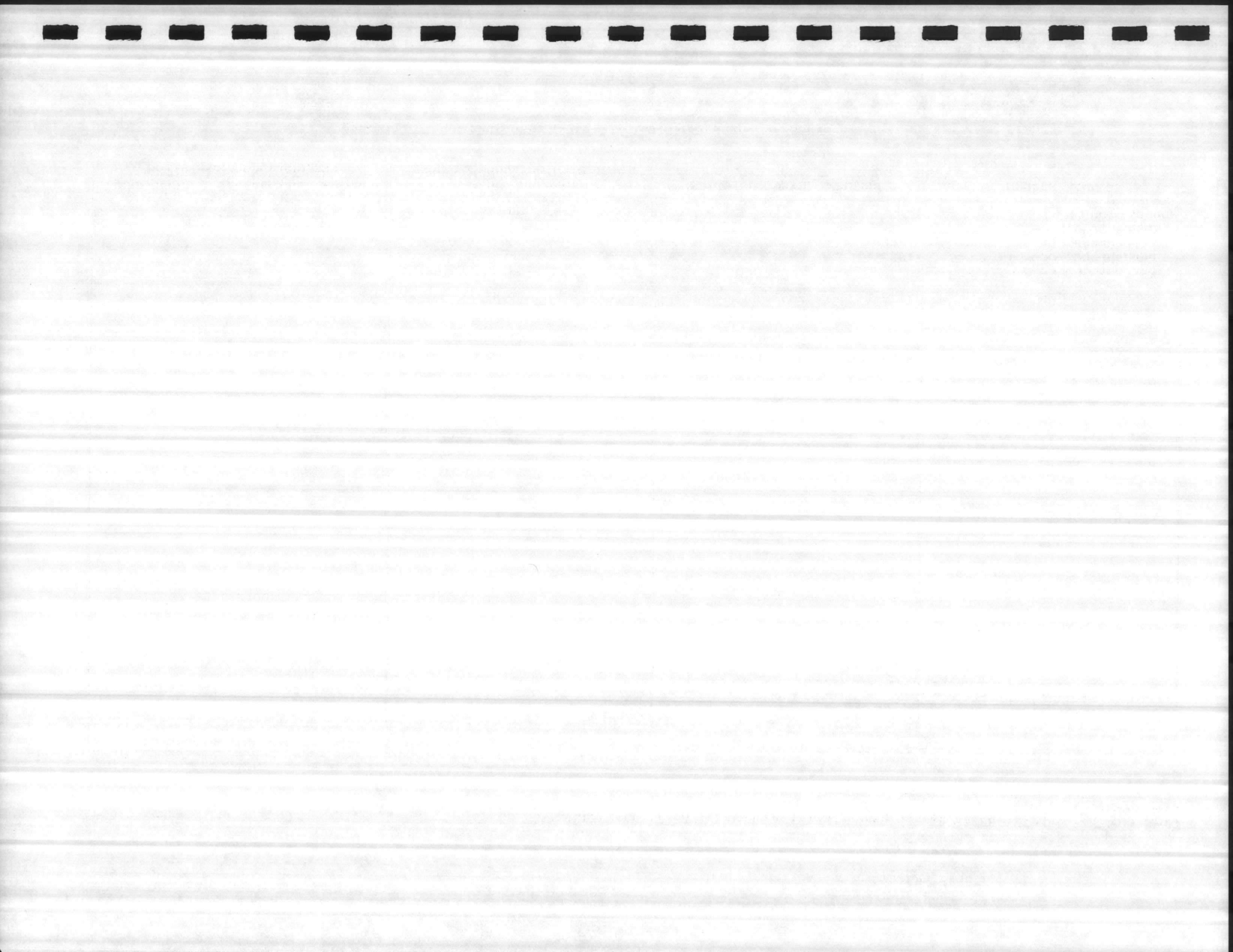
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun, M16, M40A1		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





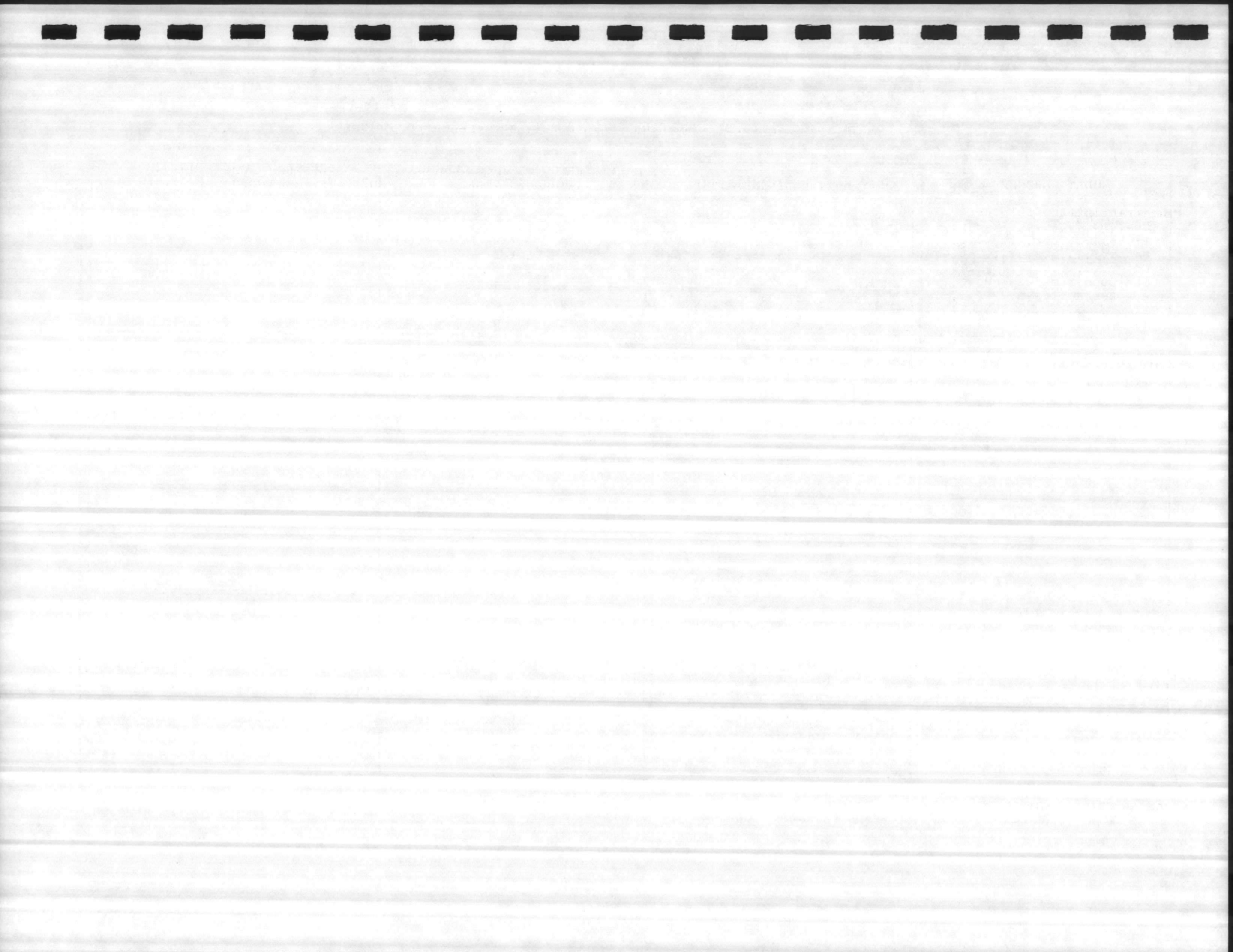
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	16 .....	.....	
Ammunition (km).....	14 .....	.....	
Rations (km).....	16 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	80 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use?	No		
Yes, No			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	FA Maneuver Area F-2, GP-1		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

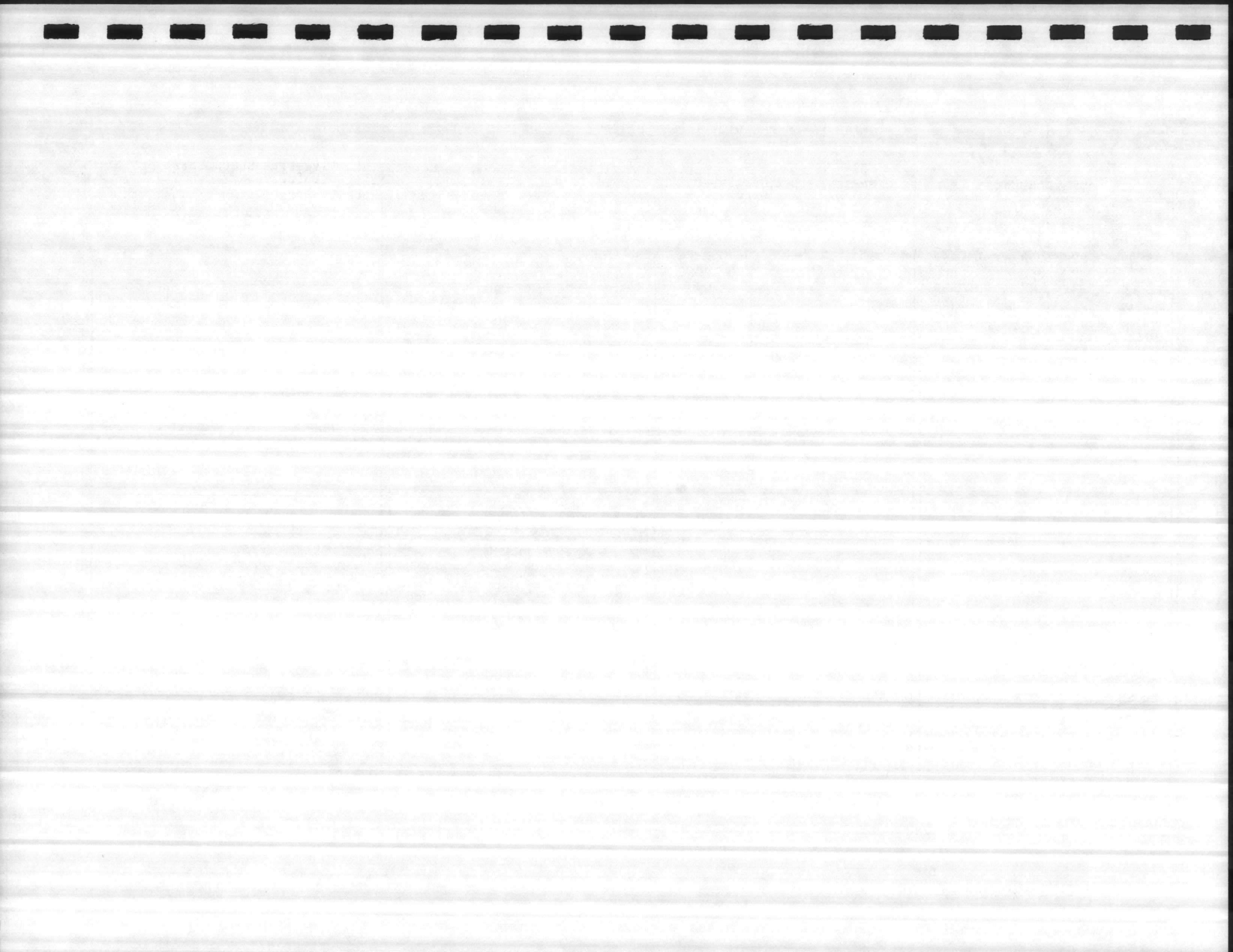
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010012

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other  
 Laser

RANGE NAME AND LOCATION: F-6 Hand Grenade Range, MCB, Camp Lejeune, NC  
 Hand Grenade Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

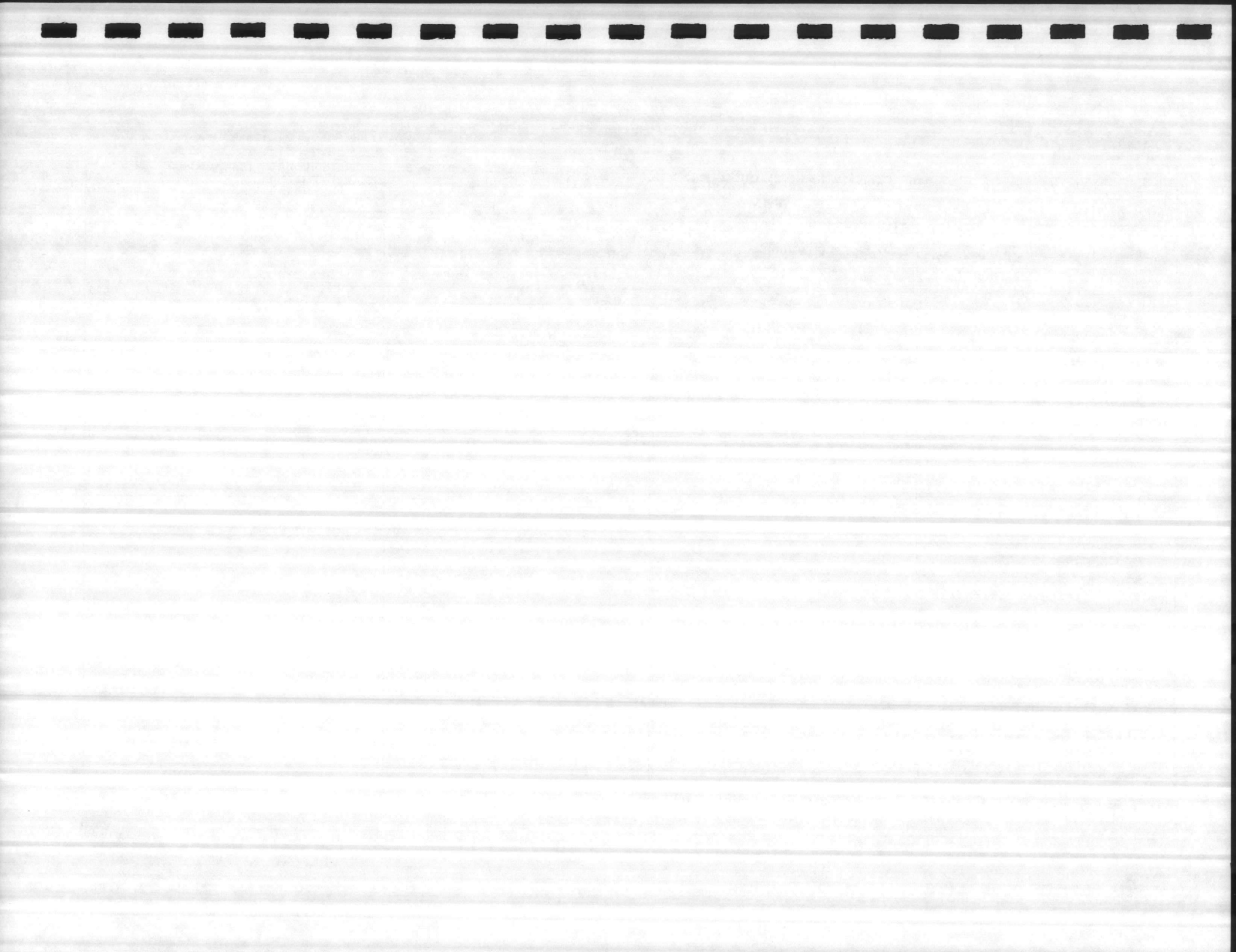
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	.9 X .9		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP876381		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	5		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010013

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

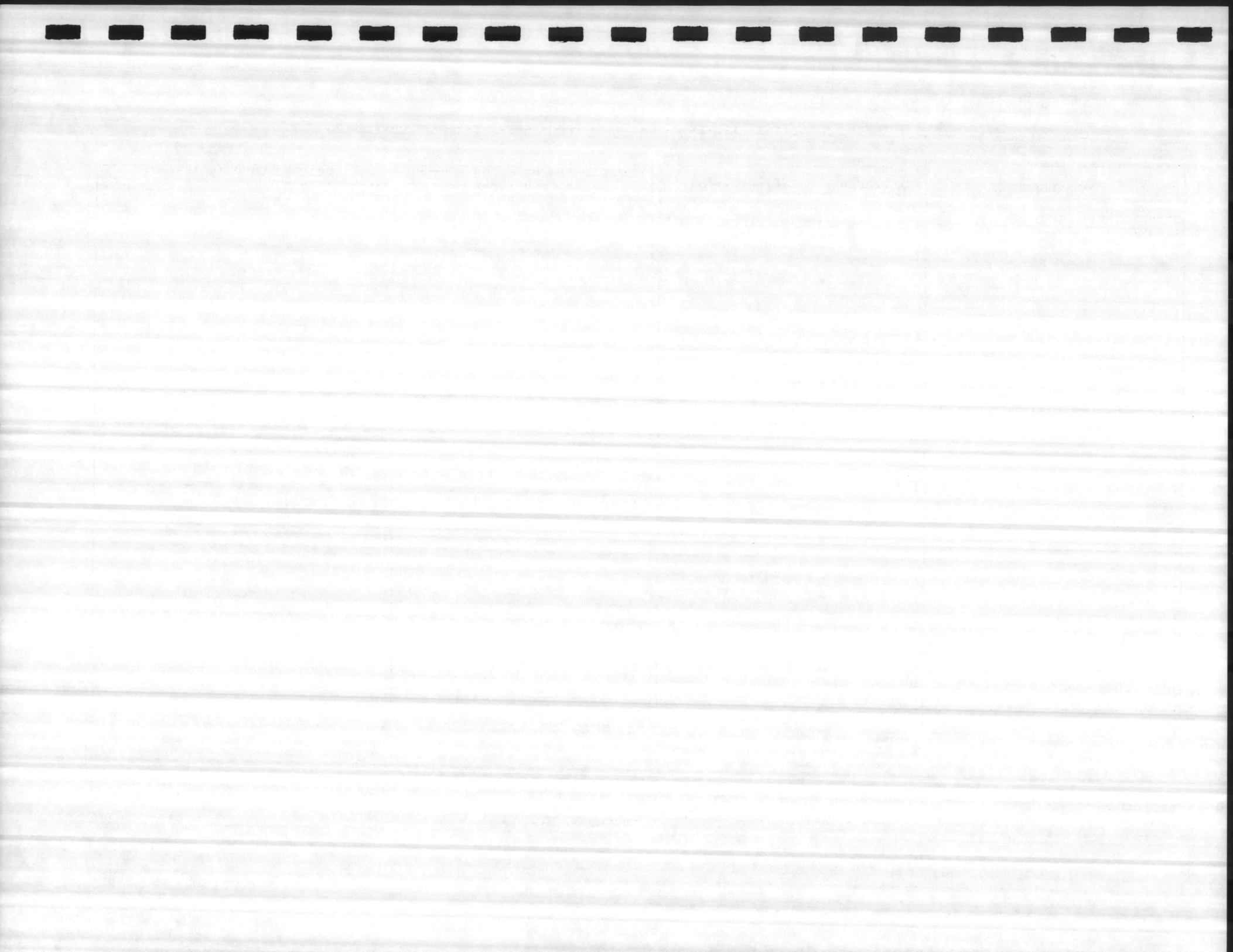
LFRTS-P-0001





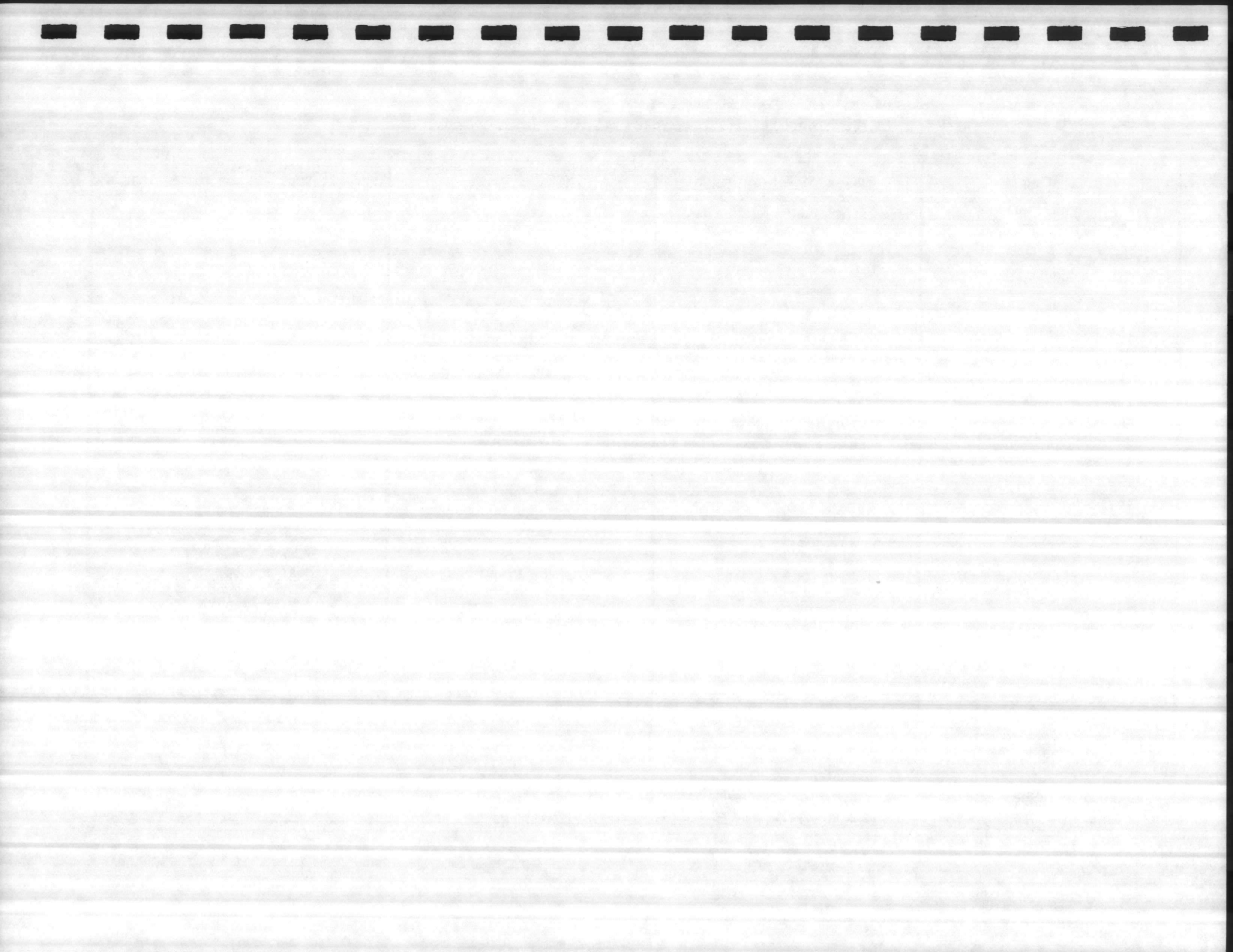
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....	X Throwing Pits		
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



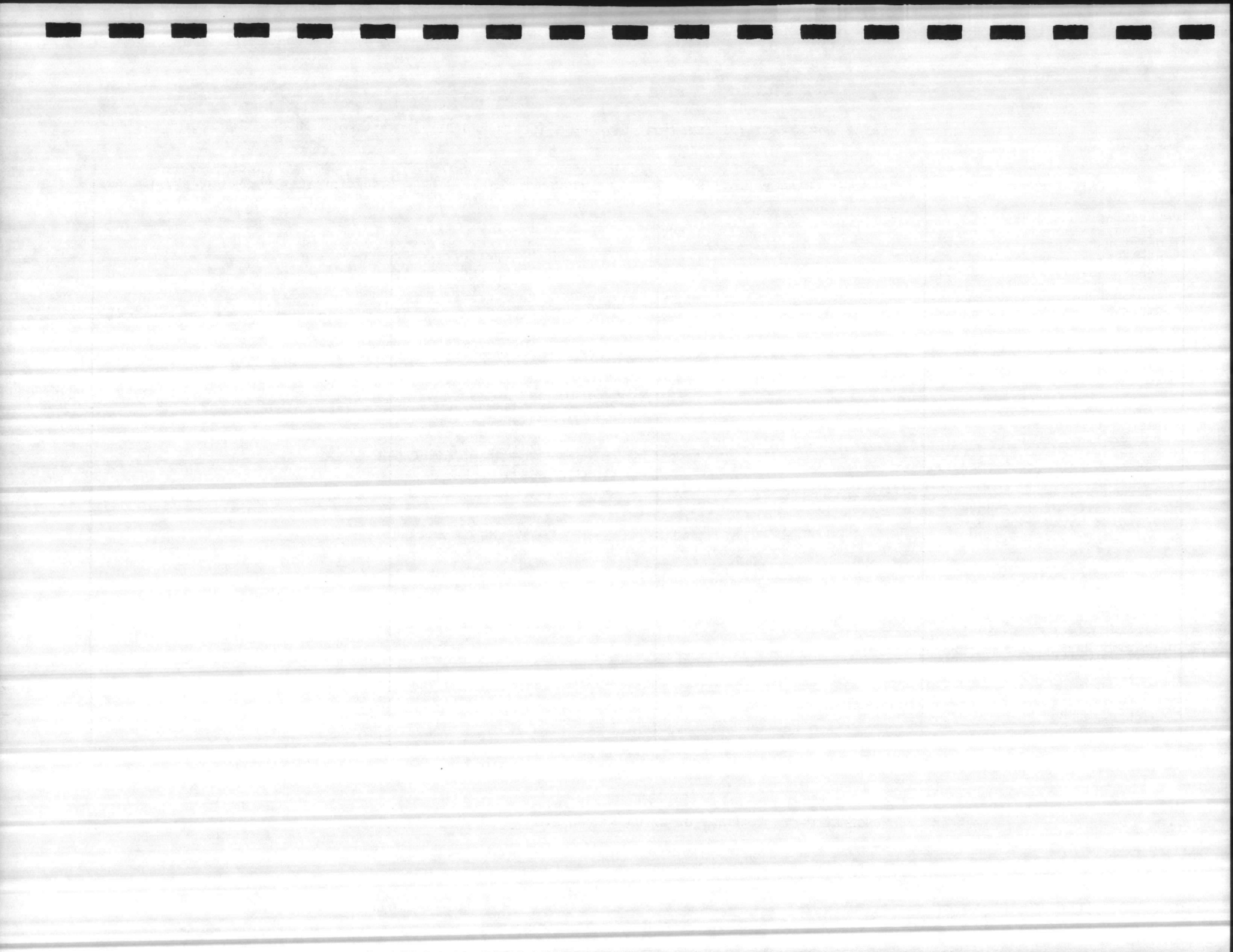
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	hand grenade		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 75 Percentage Clay..... Percentage Swamp/Marsh..... 25 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



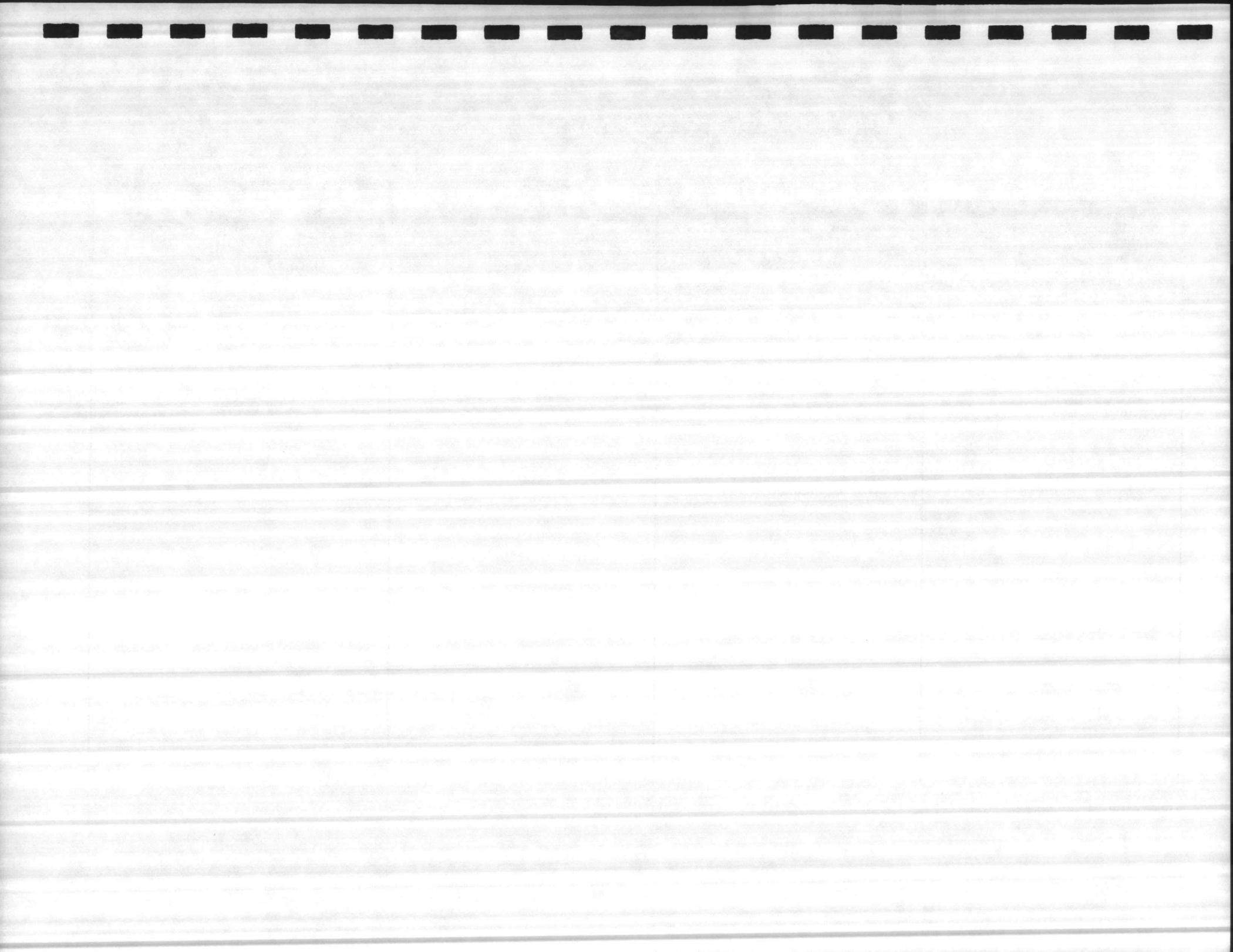
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	4 3 4		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	125		
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

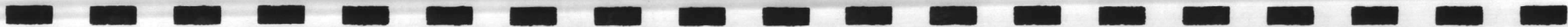
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 ..... 5 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes EOD only downrange		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Cease fire 1 hour prior to dusk		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-11 Rifle/Pistol Range, MCB, Camp Lejeune, NC  
 Rifle/Pistol Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

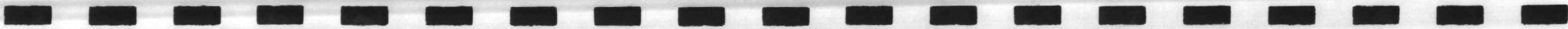
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.55 X 1		
Primary Direction of Fire	1749 MILS/98 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP869394		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	22 rifle 15 pistol		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	  X X  X		

FILE NAME: LP010014

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other..... X Turning	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

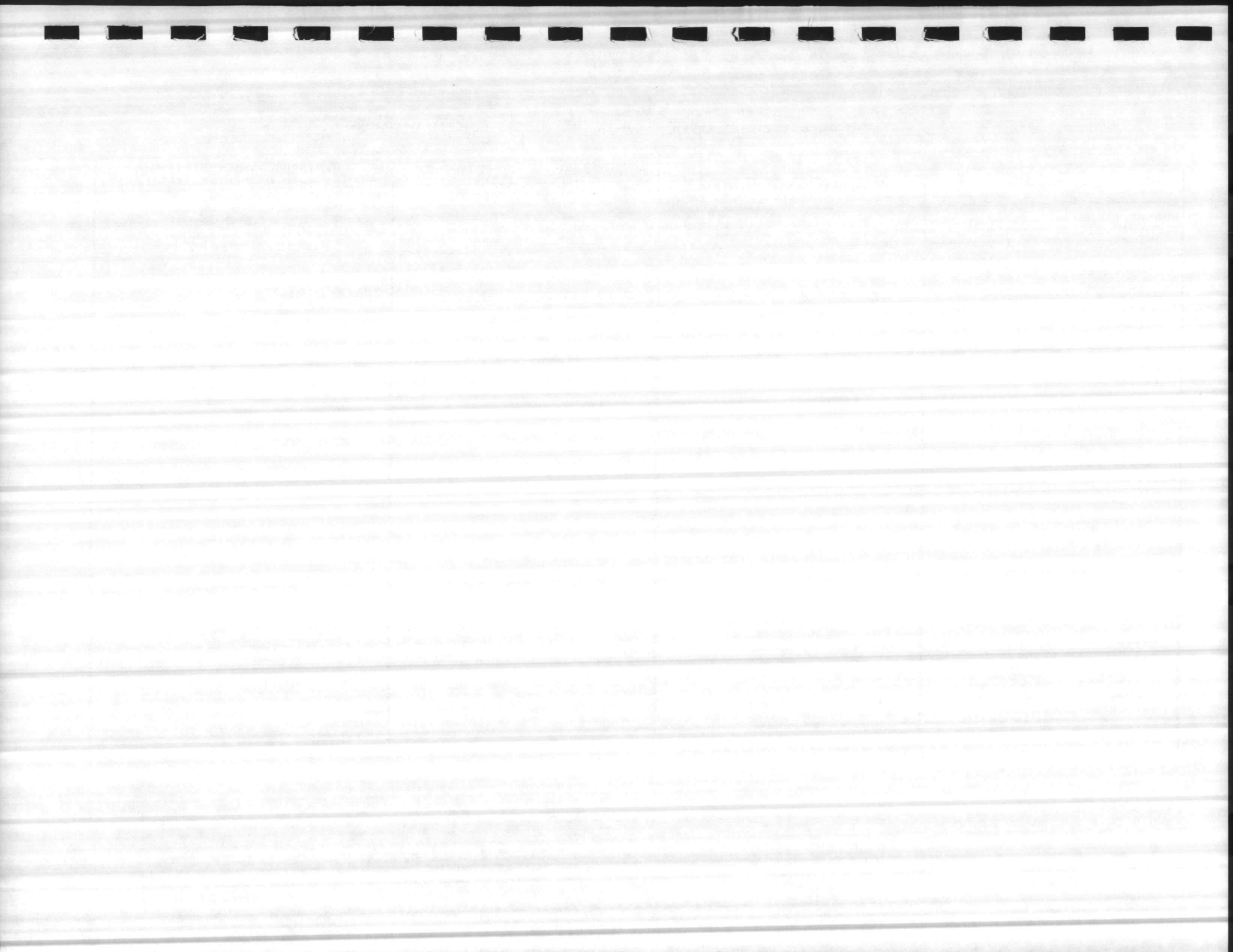
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun, M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





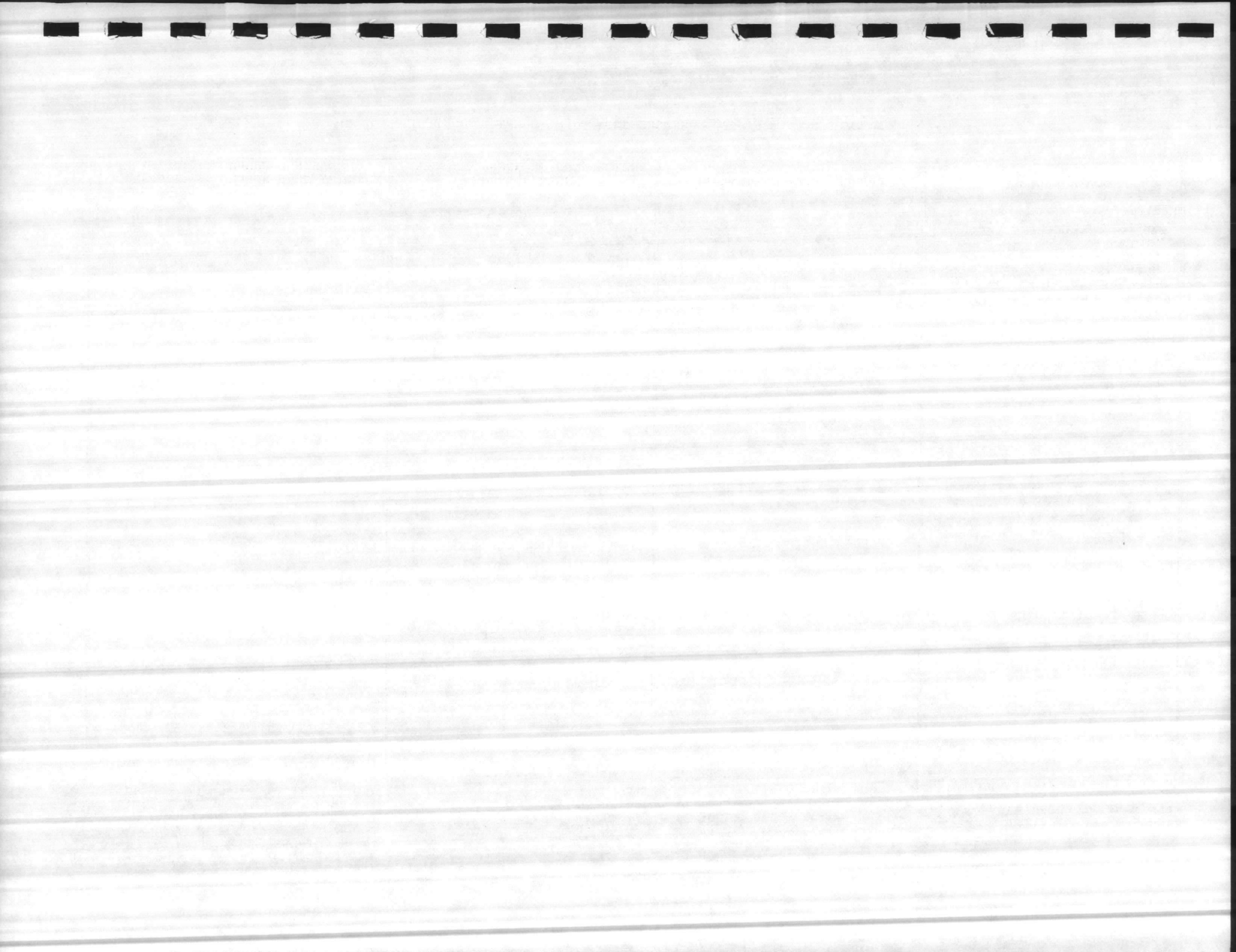
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100 ..... ..... .....	..... ..... .....	
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1 ..... ..... ..... .....	..... ..... .....	
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	3 2 3 ..... .....	..... ..... .....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	100 ..... ..... .....	..... ..... .....	
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



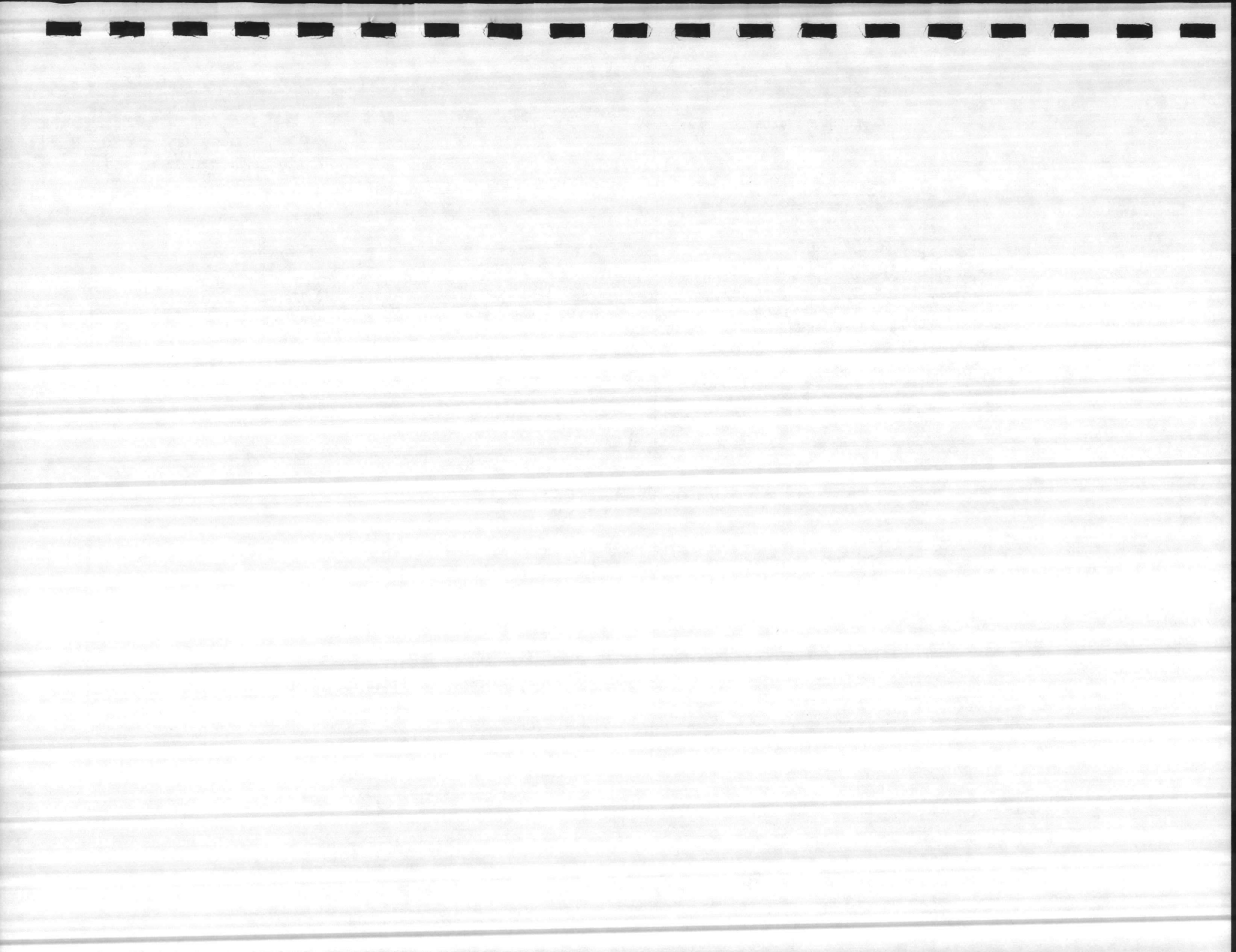
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	F-18		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Demolition

RANGE NAME AND LOCATION: F-12 Engineer Training Area, MCB, Camp Lejeune, NC  
 Engineer Training Area

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1000 m sq		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP8740		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Undefined		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

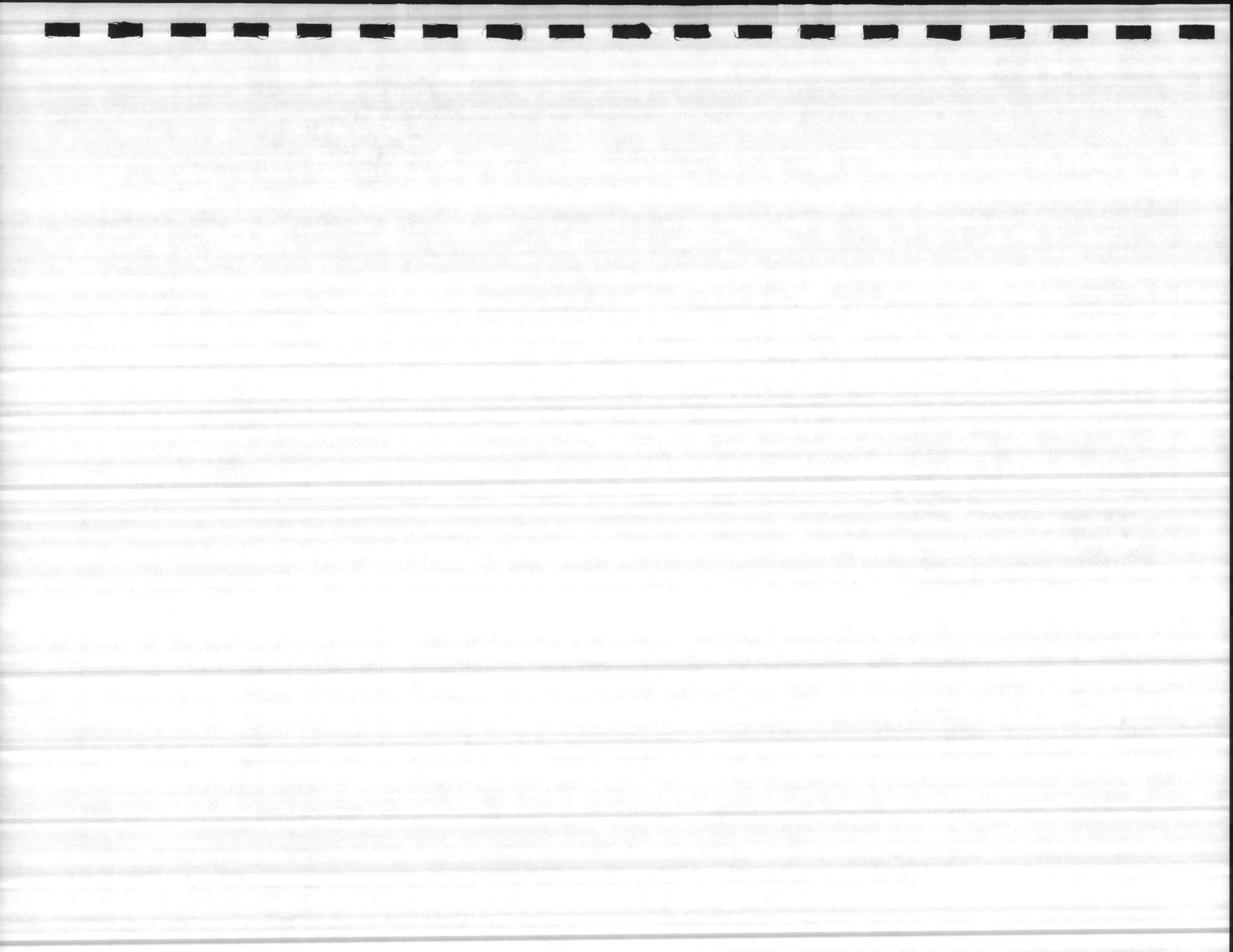
FILE NAME: LP010015

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

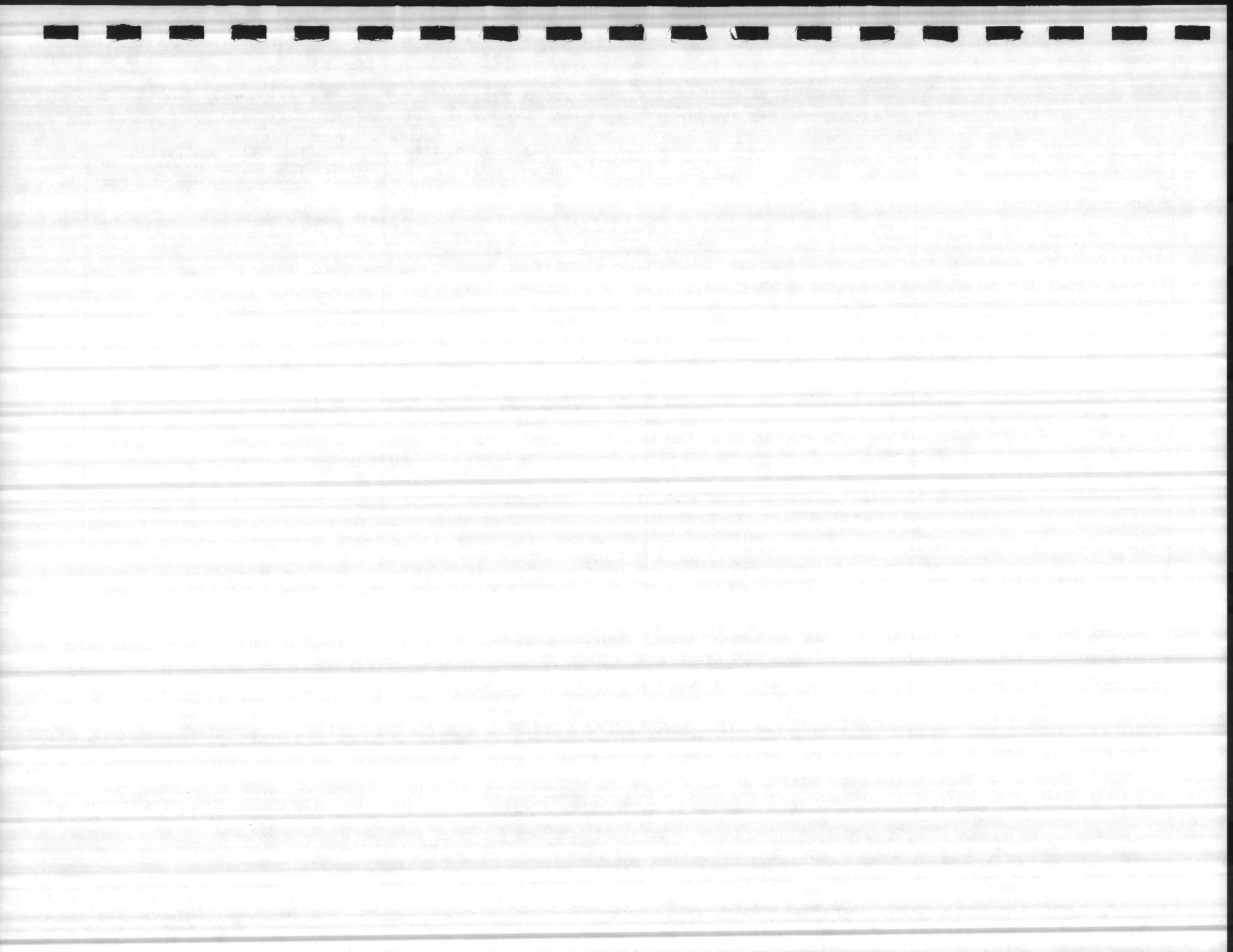
LFRTS-P-0001





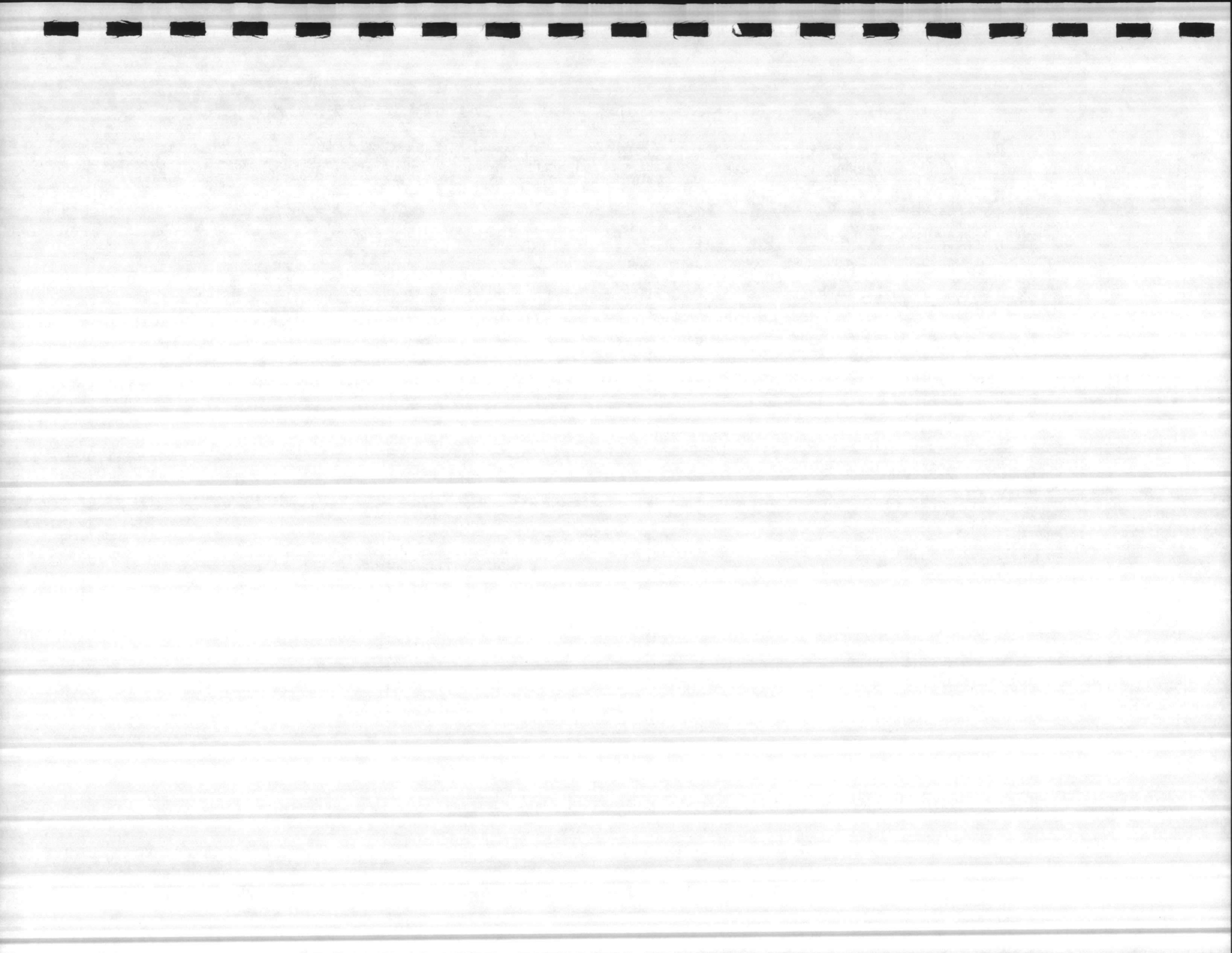
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA		
Are There Associated Simulation Devices? Yes, No, NA	NA		



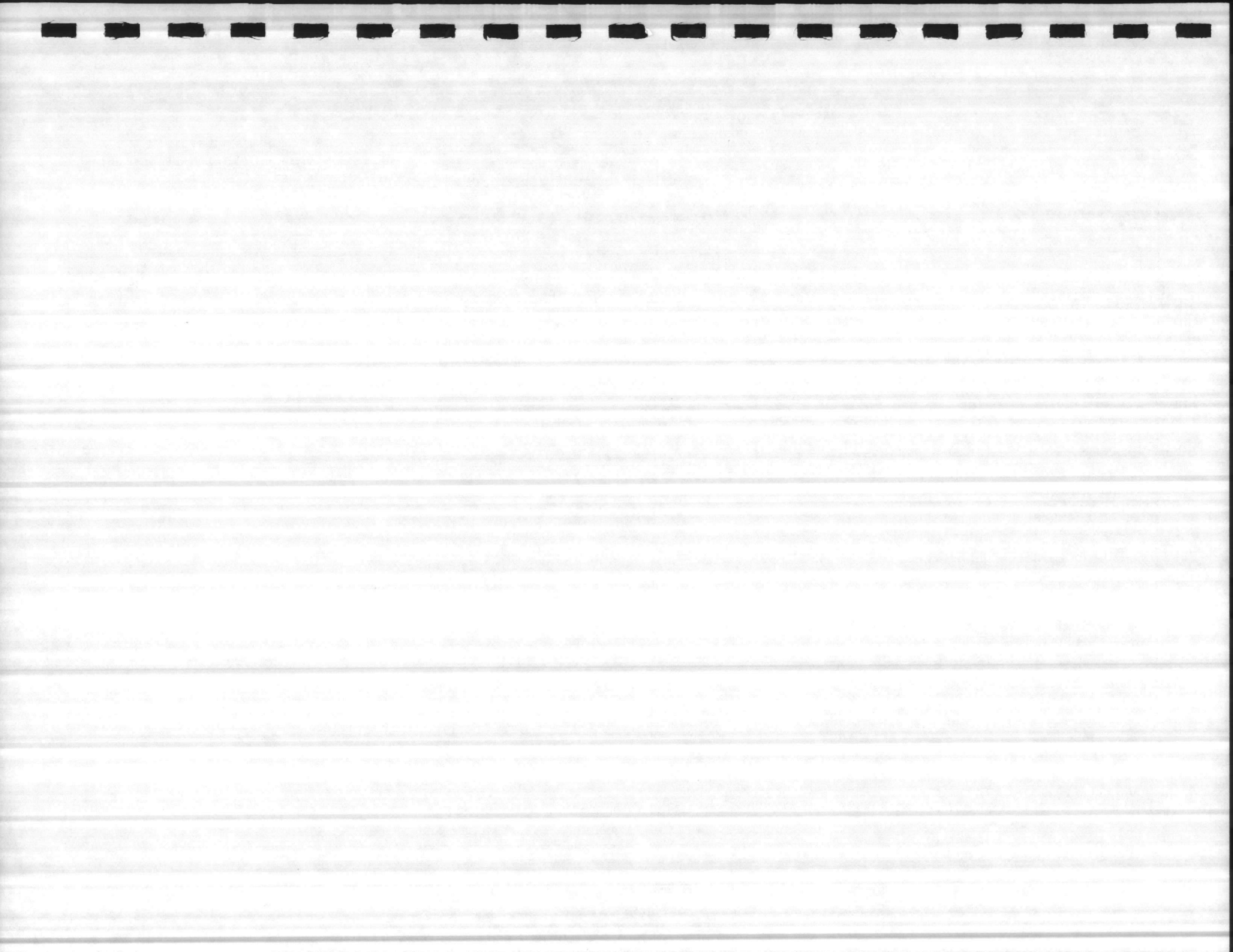
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	demolitions (15 lbs max)		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



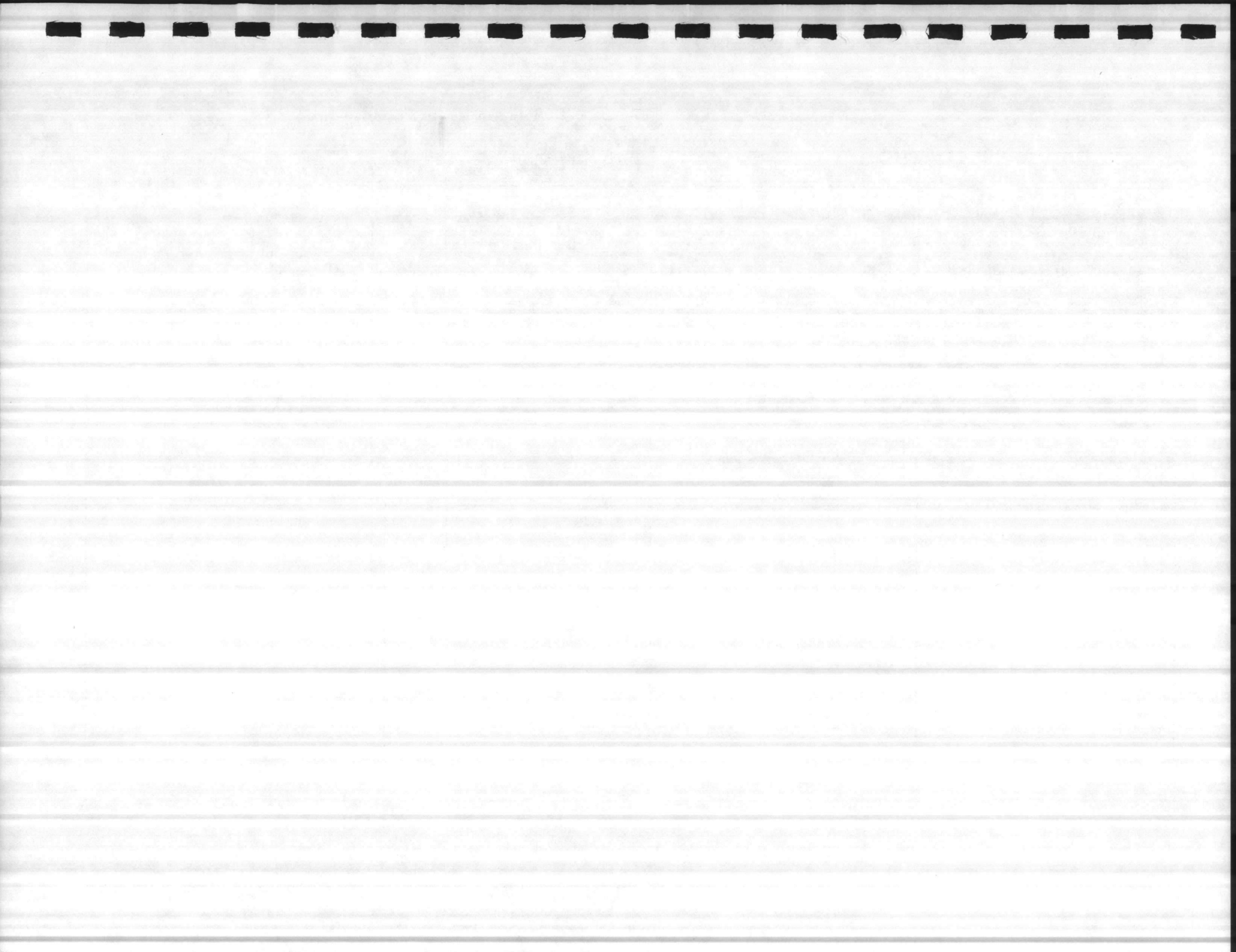
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	1300 m .....	.....	
Ammunition (km).....	8 .....	.....	
Rations (km).....	1300 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	Undefined		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns....	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-001) (CONTINUED)

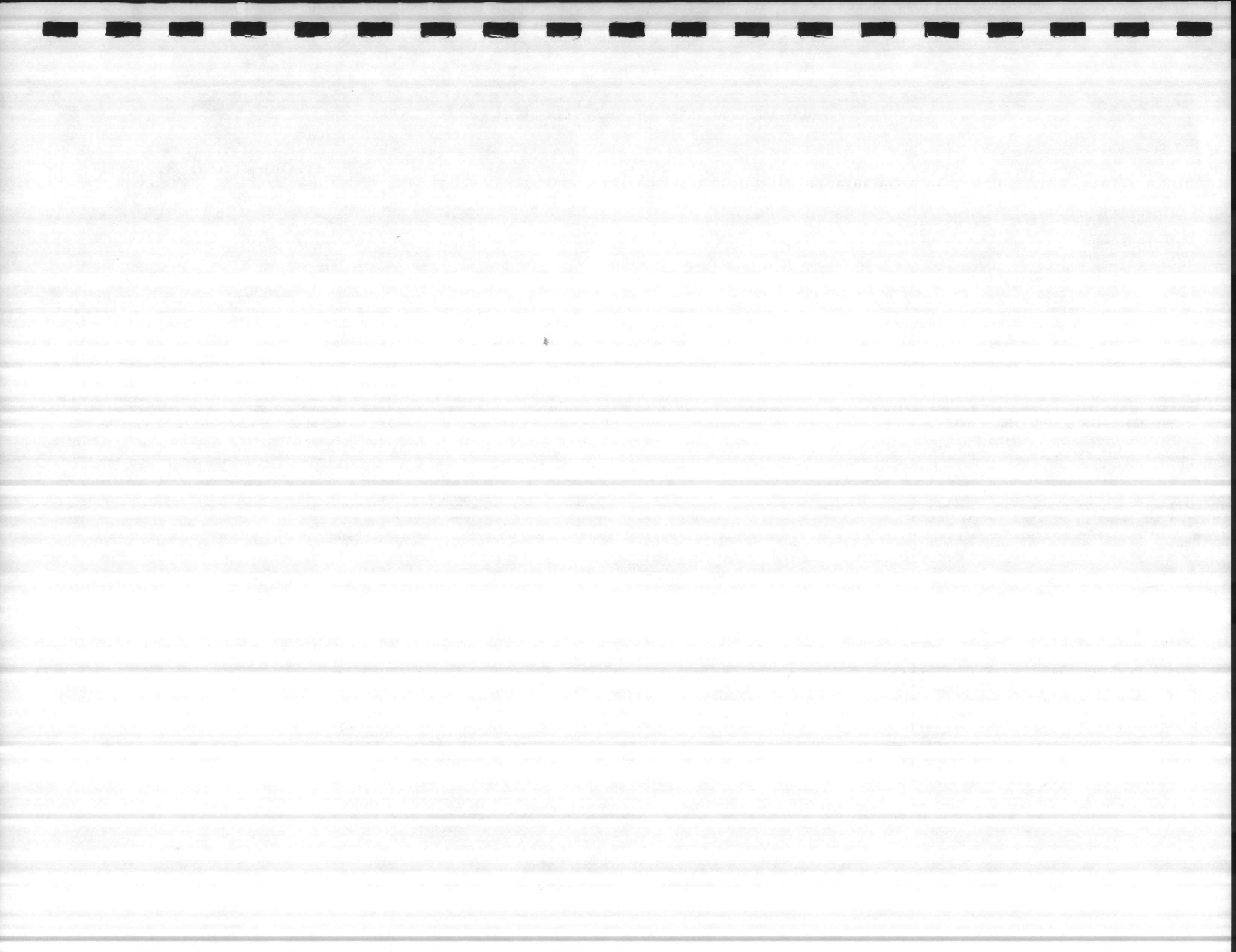
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 ..... 5 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-18 Night Firing/Artillery Subcaliber Range, MCB, Camp Lejeune, NC  
 Night Firing/Artillery Subcaliber Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.45 X 1.05		
Primary Direction of Fire	1364 MILS/78 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP871392		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	12		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X  X		

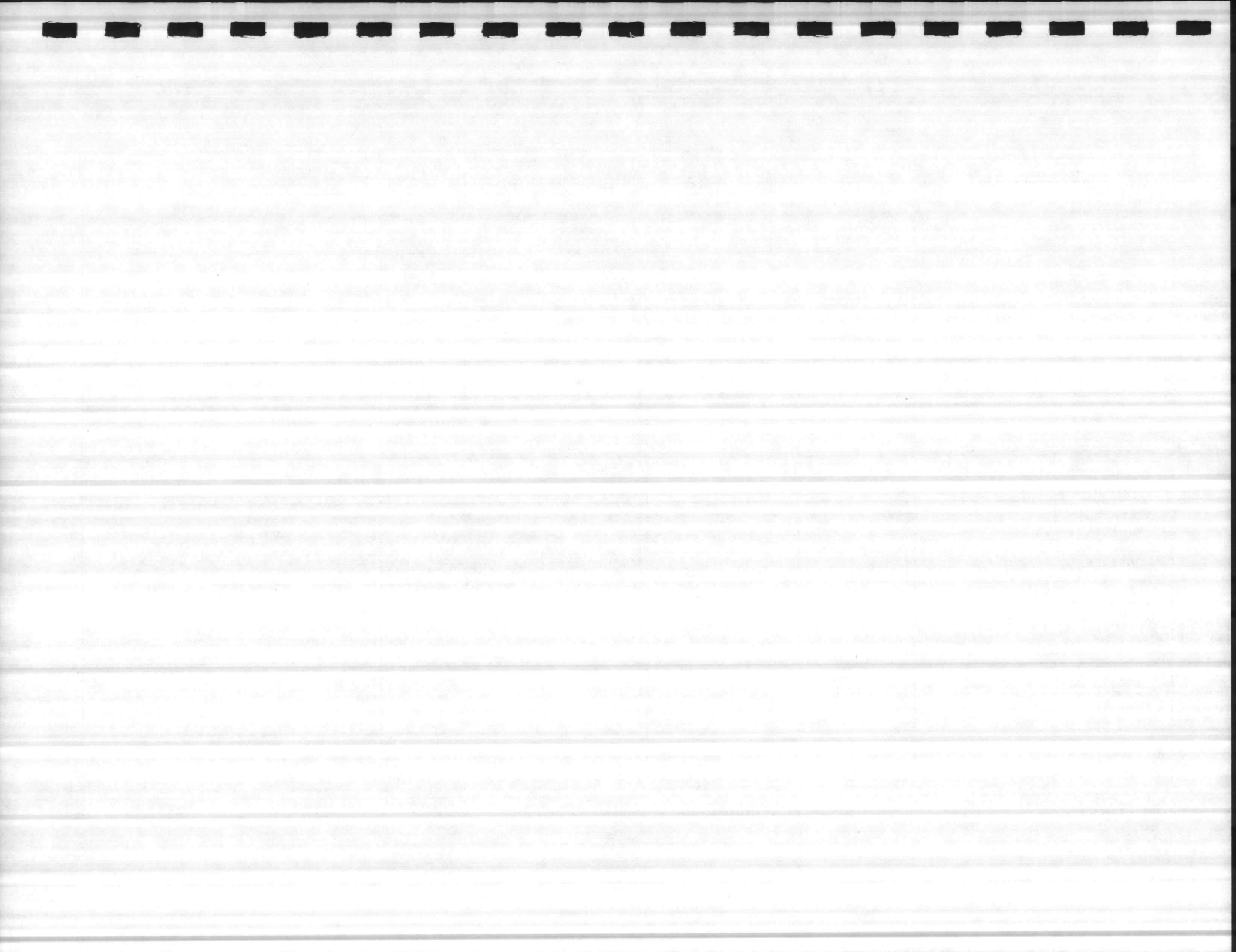
FILE NAME: LP010016

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DATE: 03/05/87

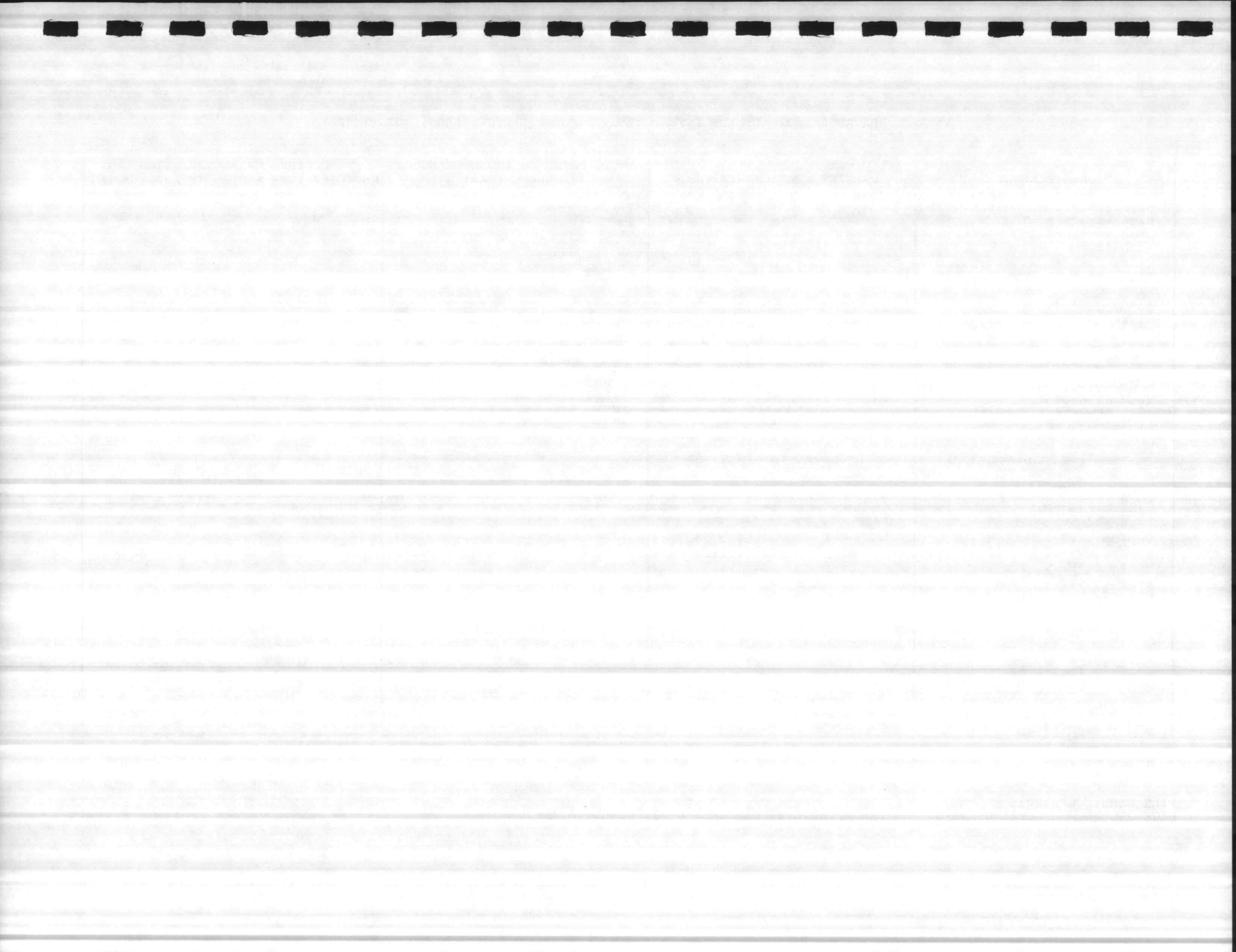
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



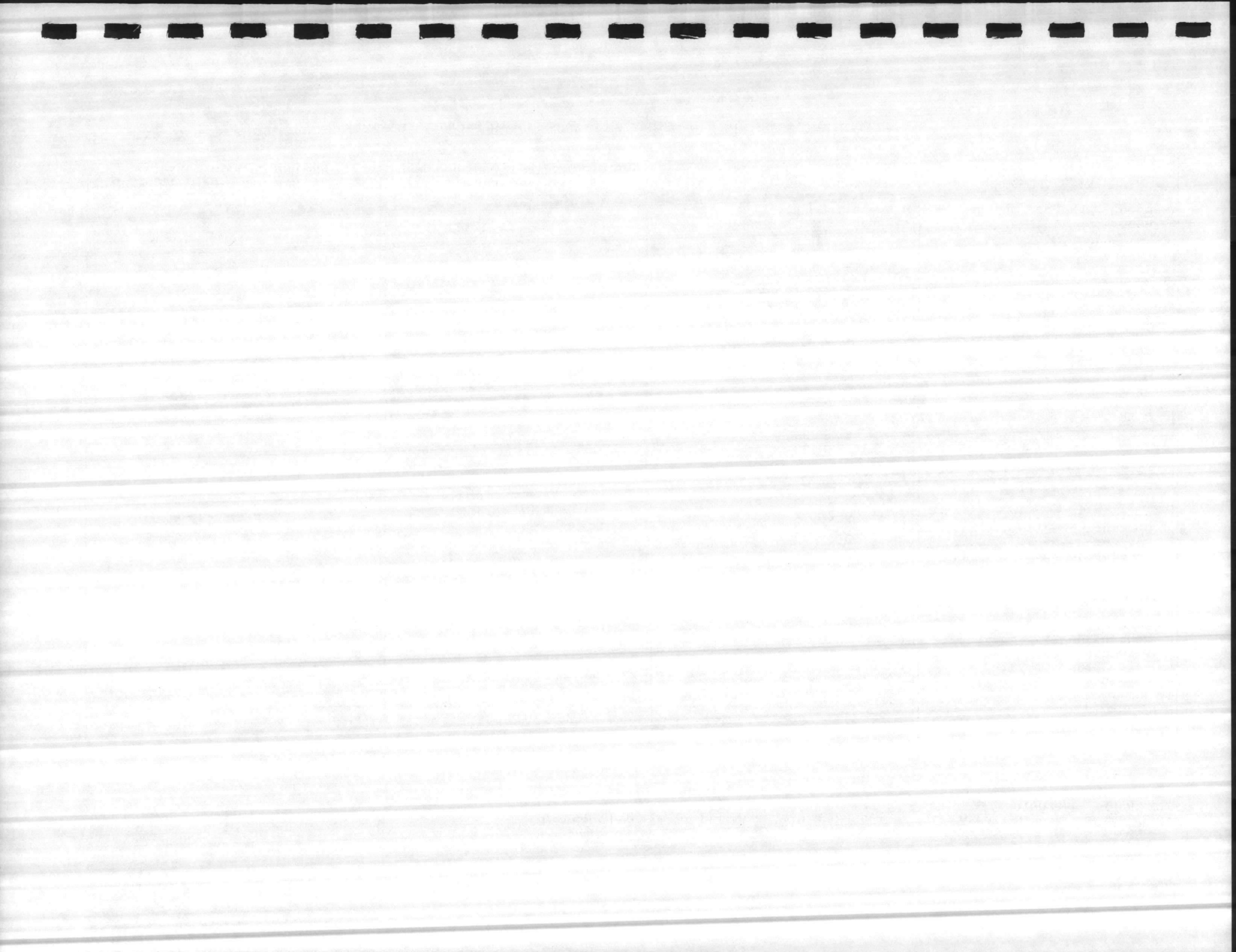
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... 12 targets Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X Stationary..... Moving..... Revolving..... Other.....			
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

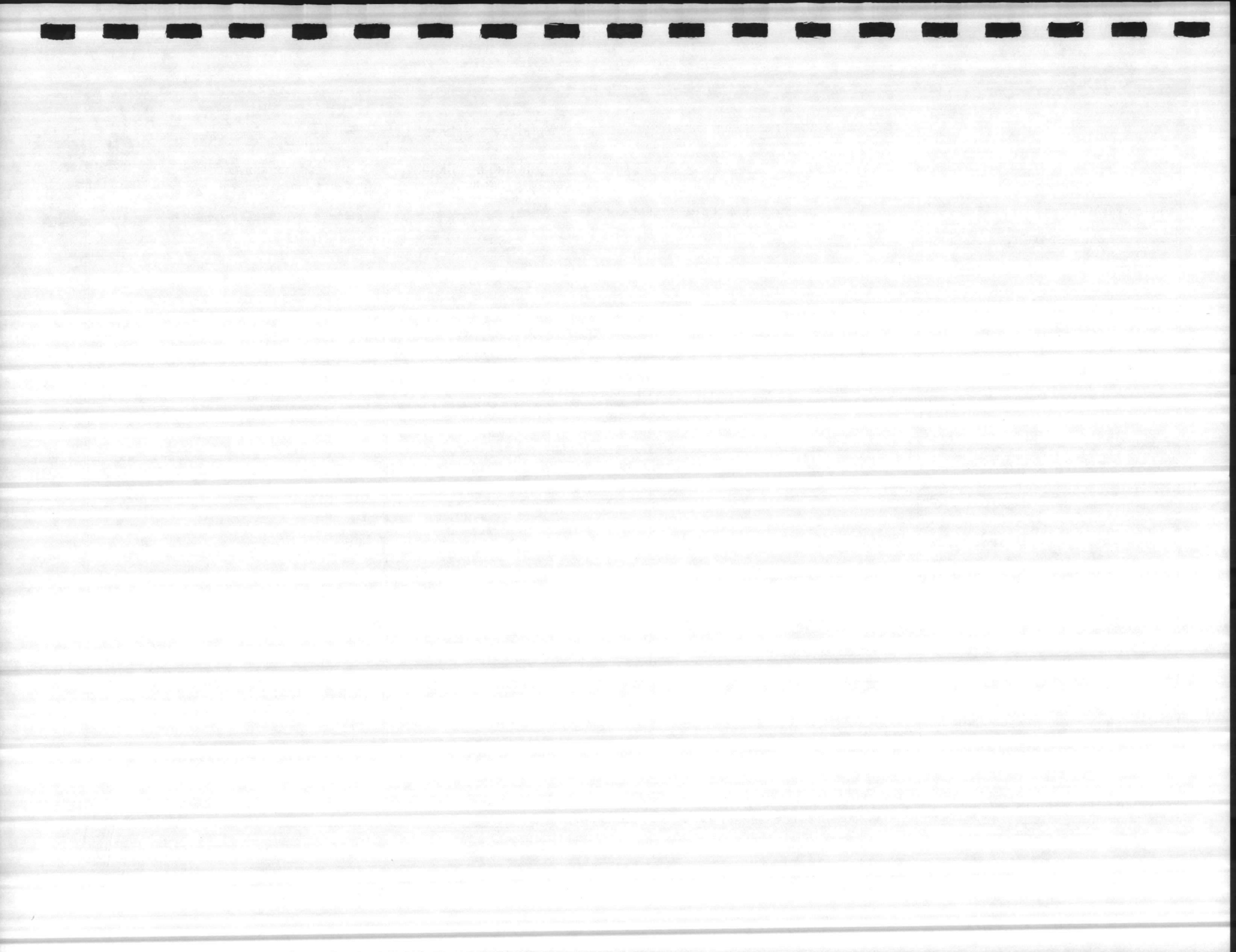
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16, 14.5-mm artillery sub-caliber, SAW		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





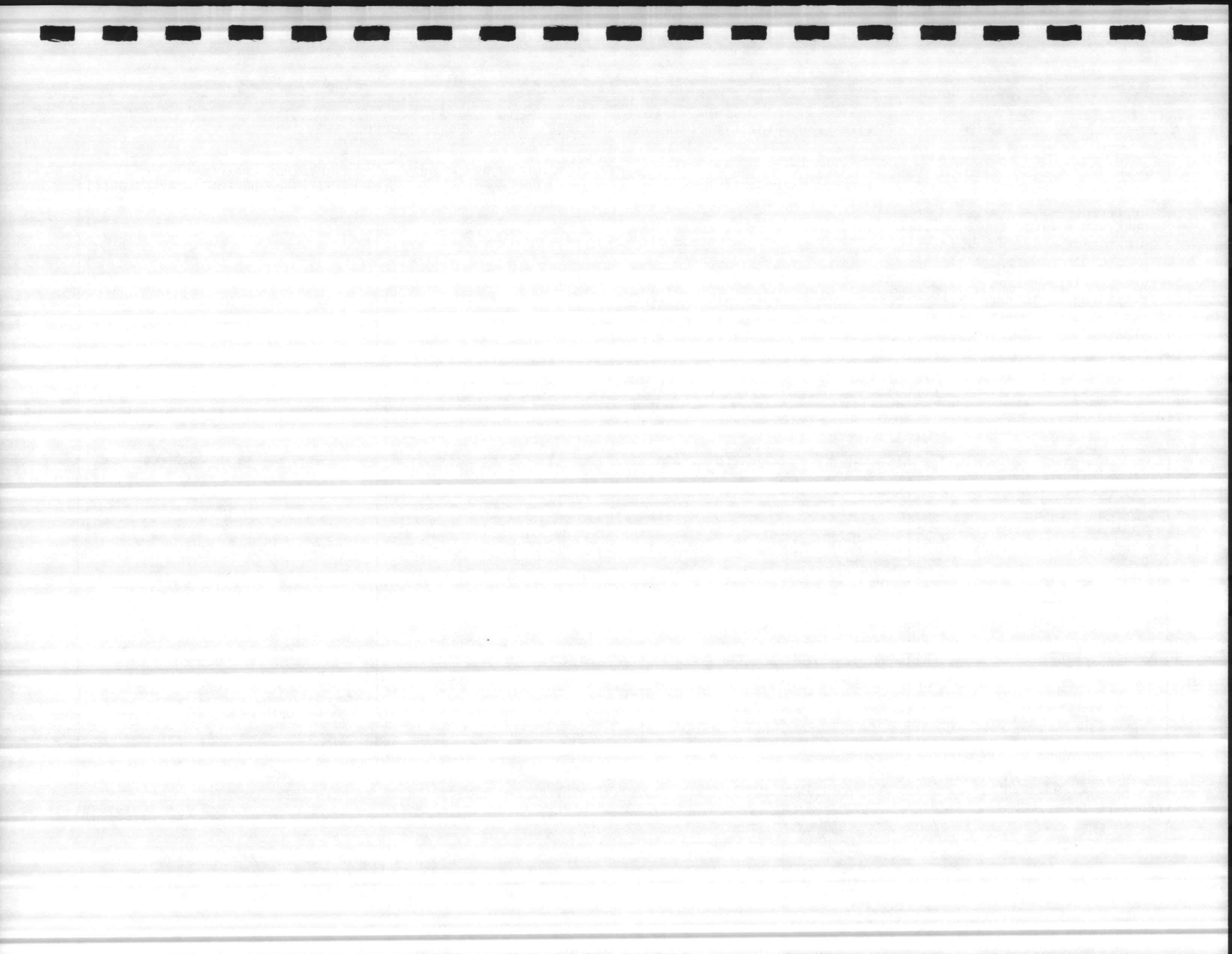
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	3 .....	.....	
Ammunition (km).....	2 .....	.....	
Rations (km).....	3 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	100 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 15 Maintenance..... 15 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	F-11		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Road blocked		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No downrange movement		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

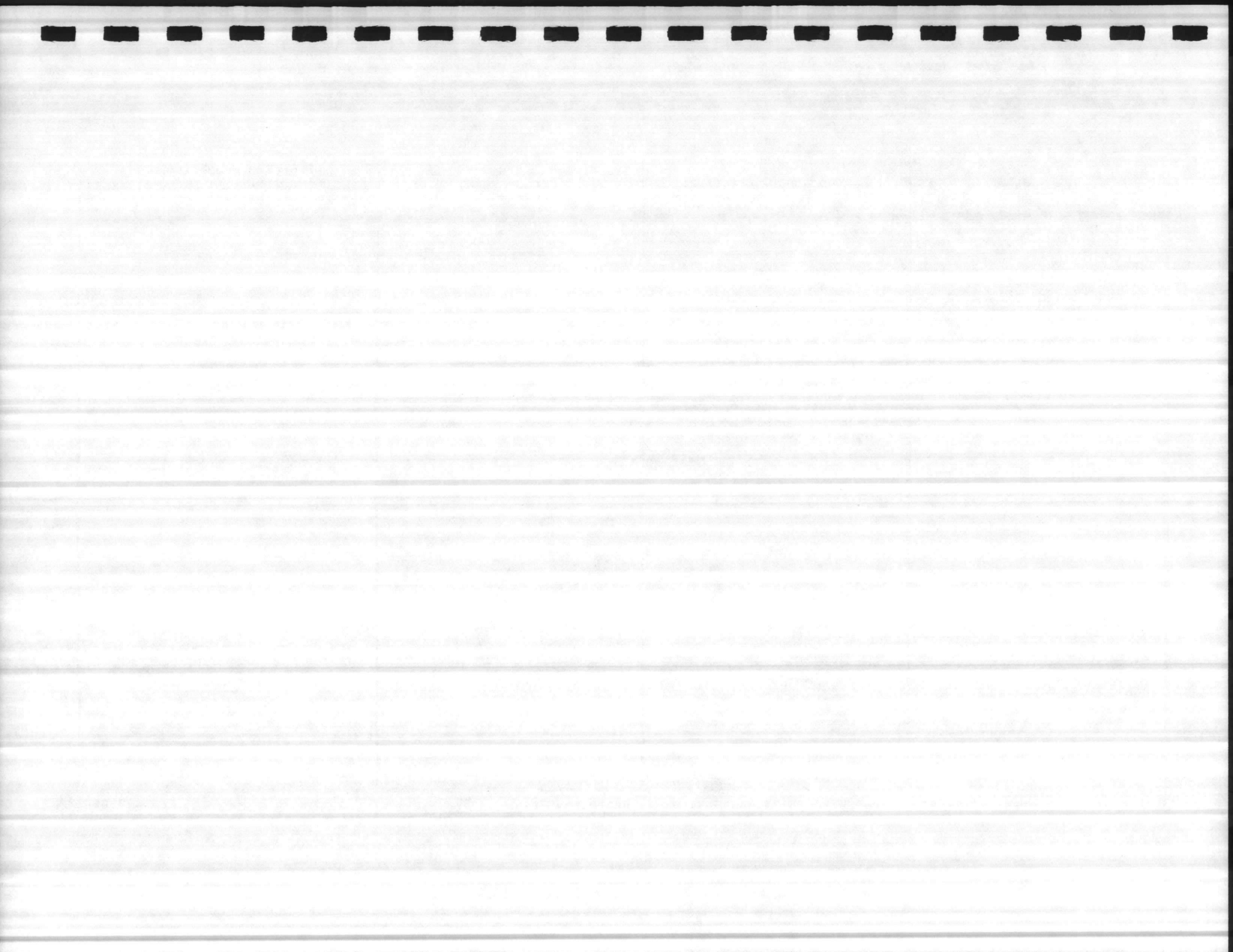
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: F-3 Field Firing Range, MCB, Camp Lejeune, NC  
 Field Firing Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

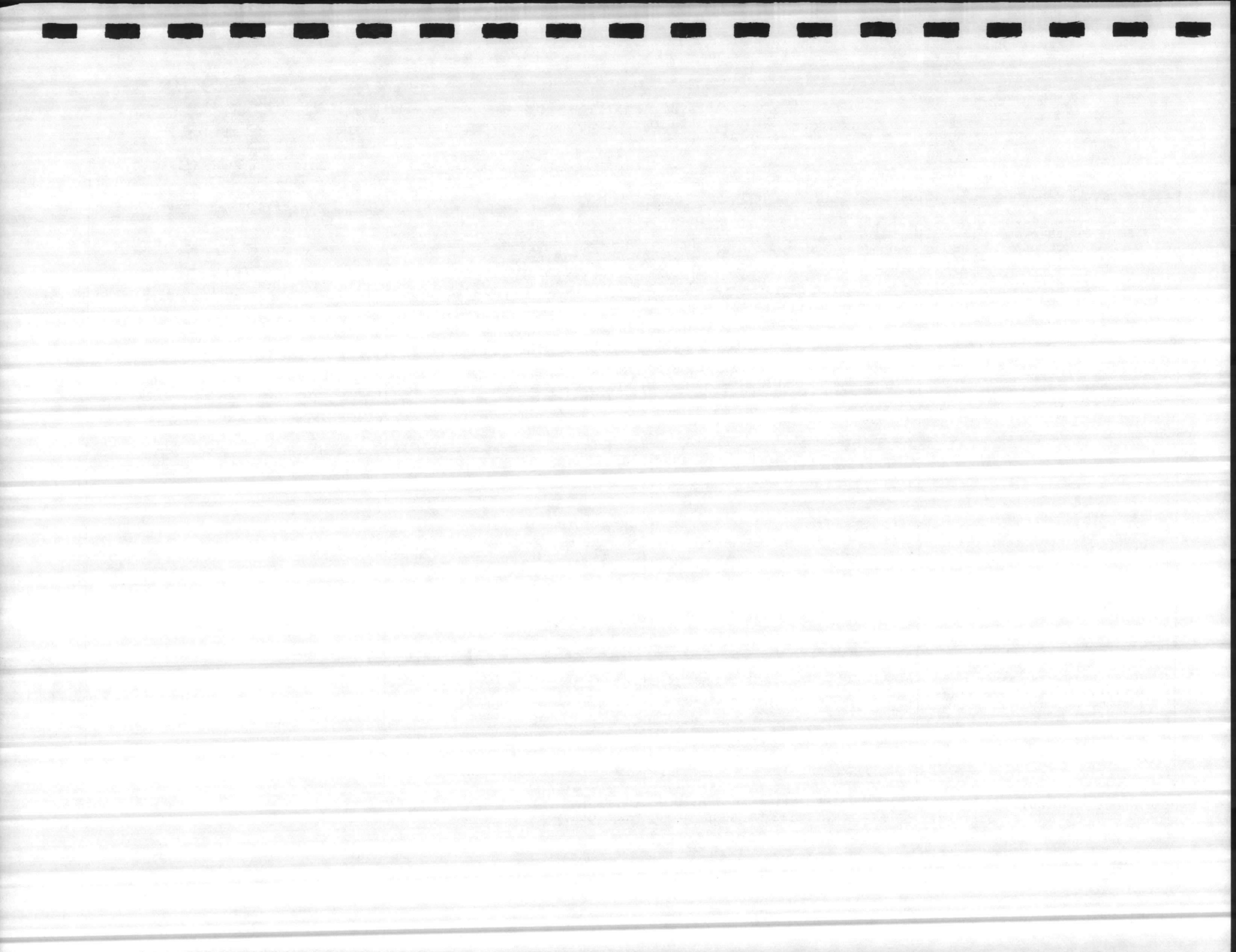
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.5 X 1.35		
Primary Direction of Fire	5229 MILS/294 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP939379		
Safety Buffer Rear (km).....	80 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Berm (squad) 13 men maximum		
Range Facilities Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....	X		
Viewing Area.....			

FILE NAME: LP010017

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001





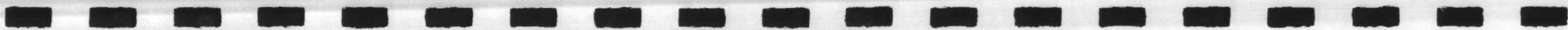
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



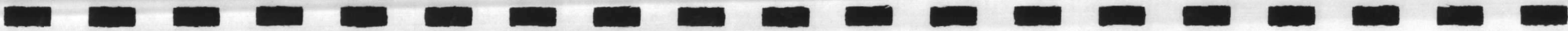
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, shotgun, M16, M60, SAW, M73 LAW, 1/4-lb demolitions		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	100		
Percentage Swamp.....			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	95		
Percentage Clay.....			
Percentage Swamp/Marsh.....	5		
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....			



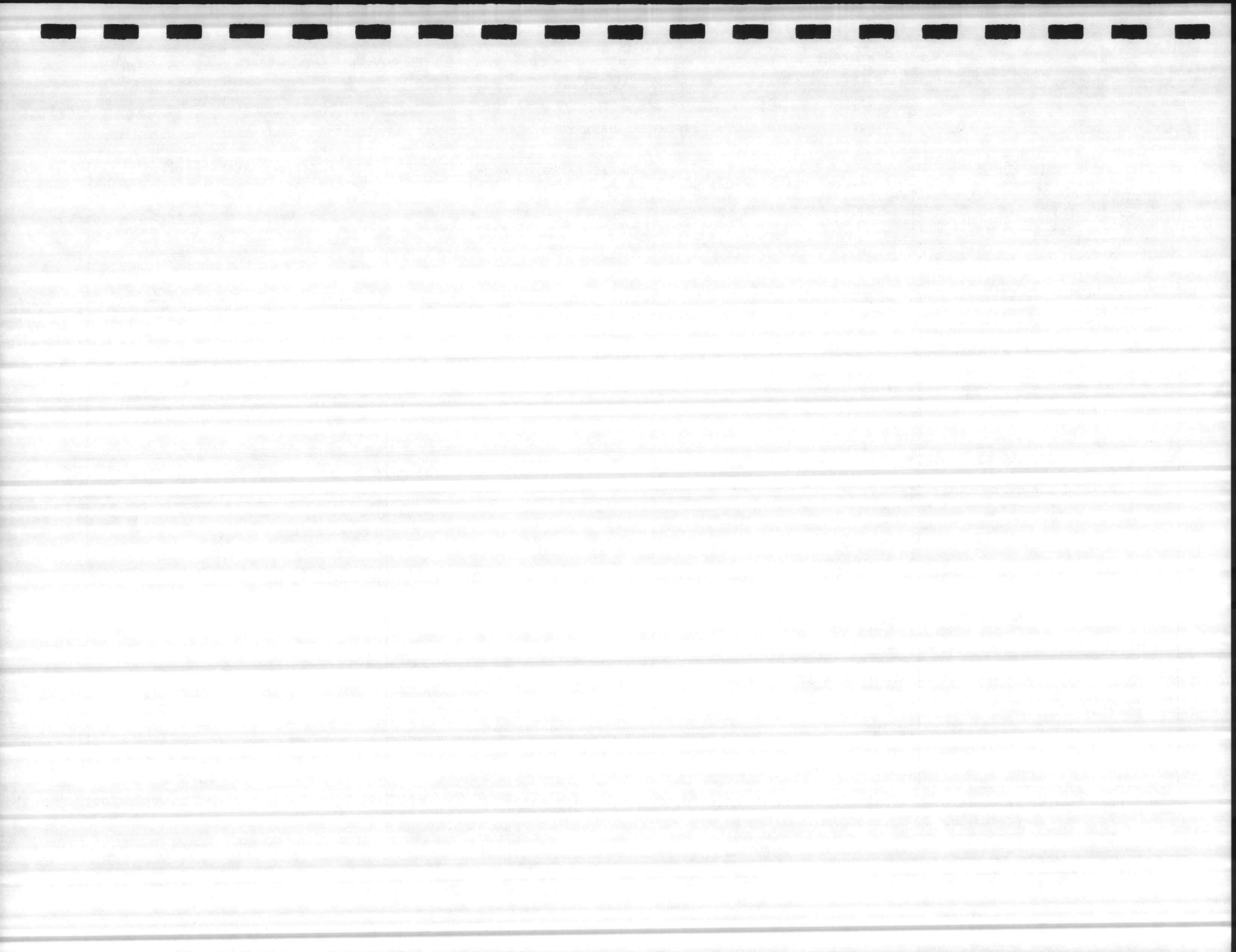
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	10 .....	.....	
Ammunition (km).....	8 .....	.....	
Rations (km).....	10 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	200 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	345		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	20 20 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	FC Maneuver Area GP-8		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No movement 100 m downrange		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

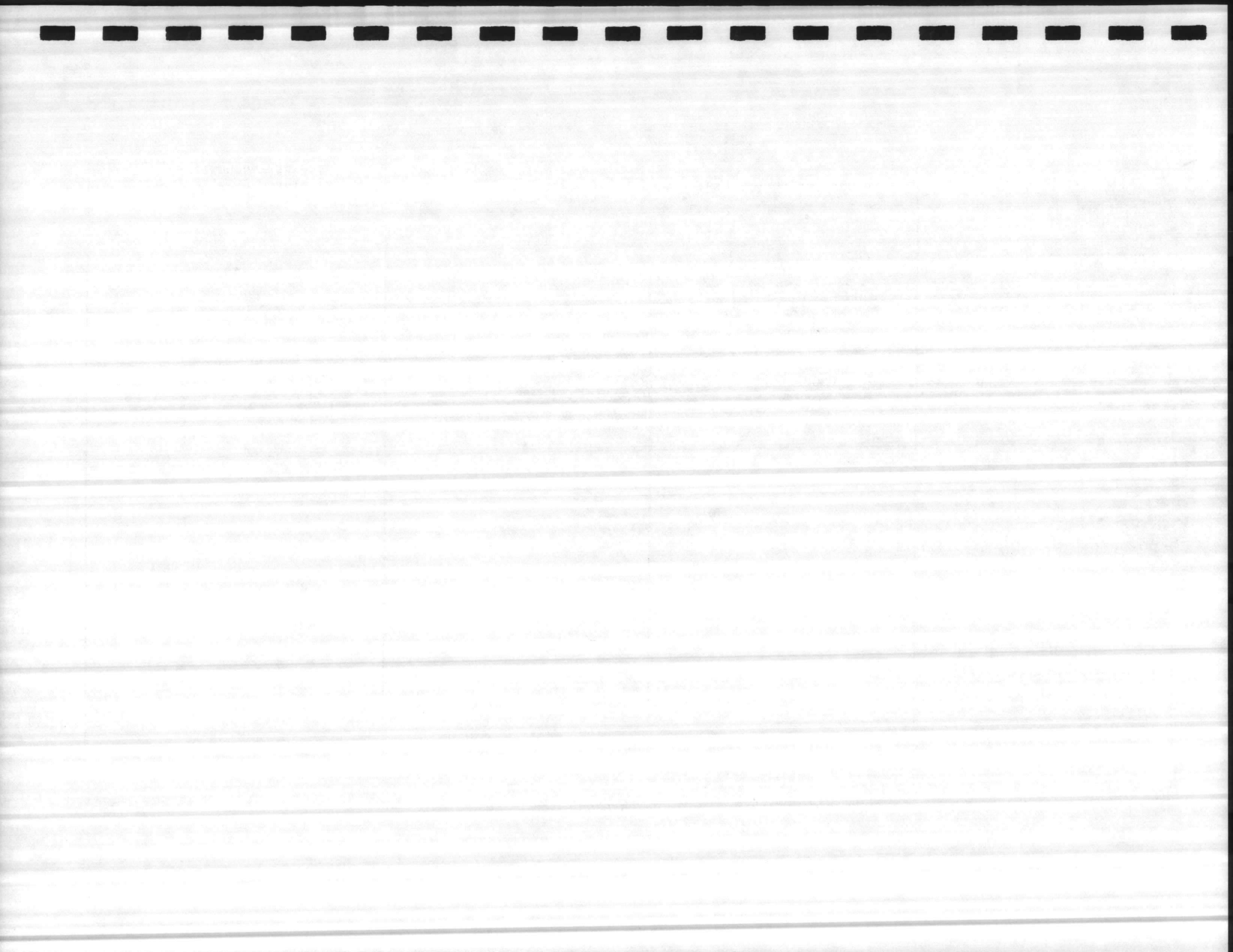
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010017

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

\*SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
X  Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-3 Infantry Weapons Range, MCB, Camp Lejeune, NC  
Infantry Weapons Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	6.38 X 4.55 TOW 3.5 X 1.9 small arms		
Primary Direction of Fire	1157 MILS/55-65 degrees TOW 1335 MILS/75 degrees small arms		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP898344		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	60 m SMAW, 80 m M72 LAAW, 80 m		
Number of Firing Points/ Stations			
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

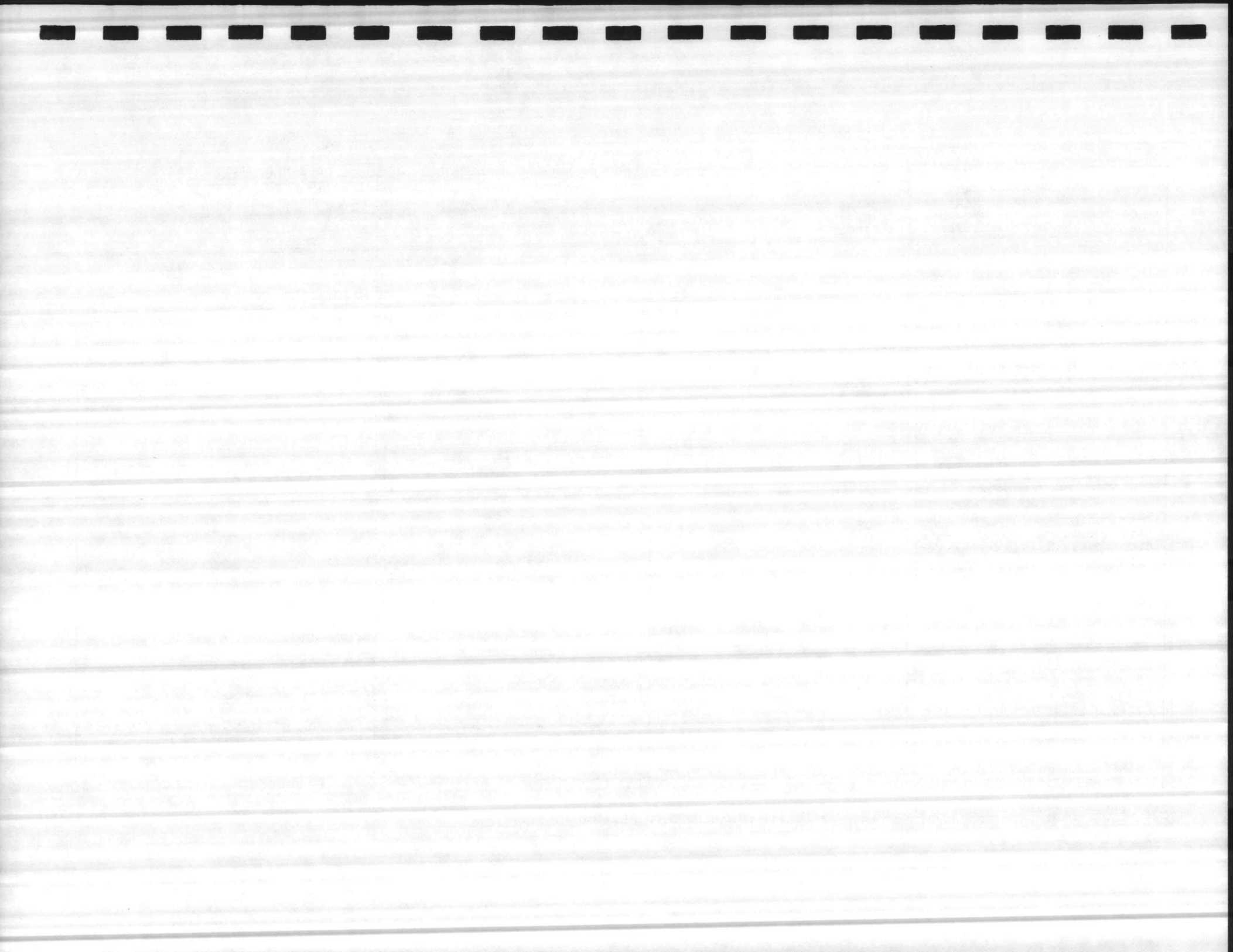
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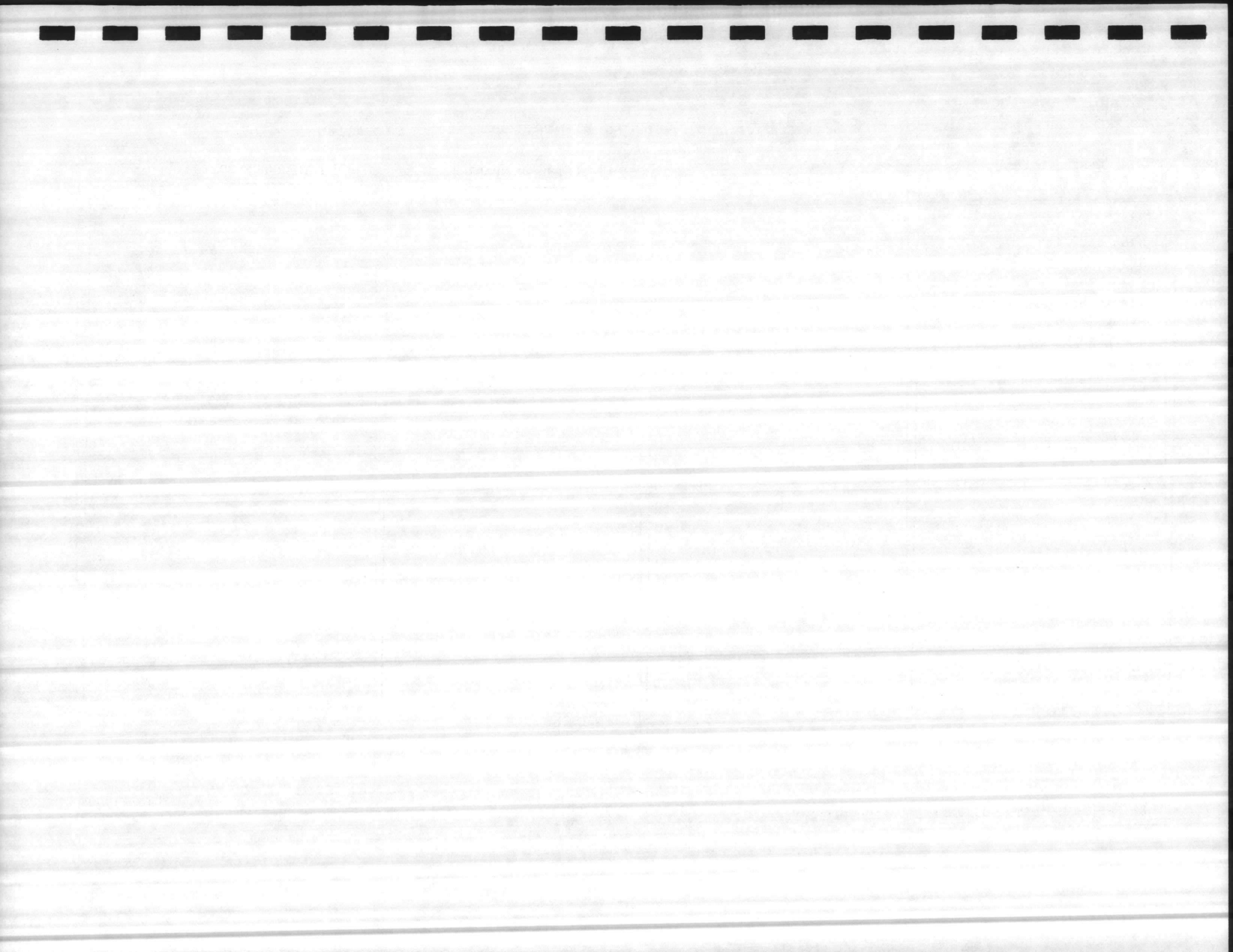
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

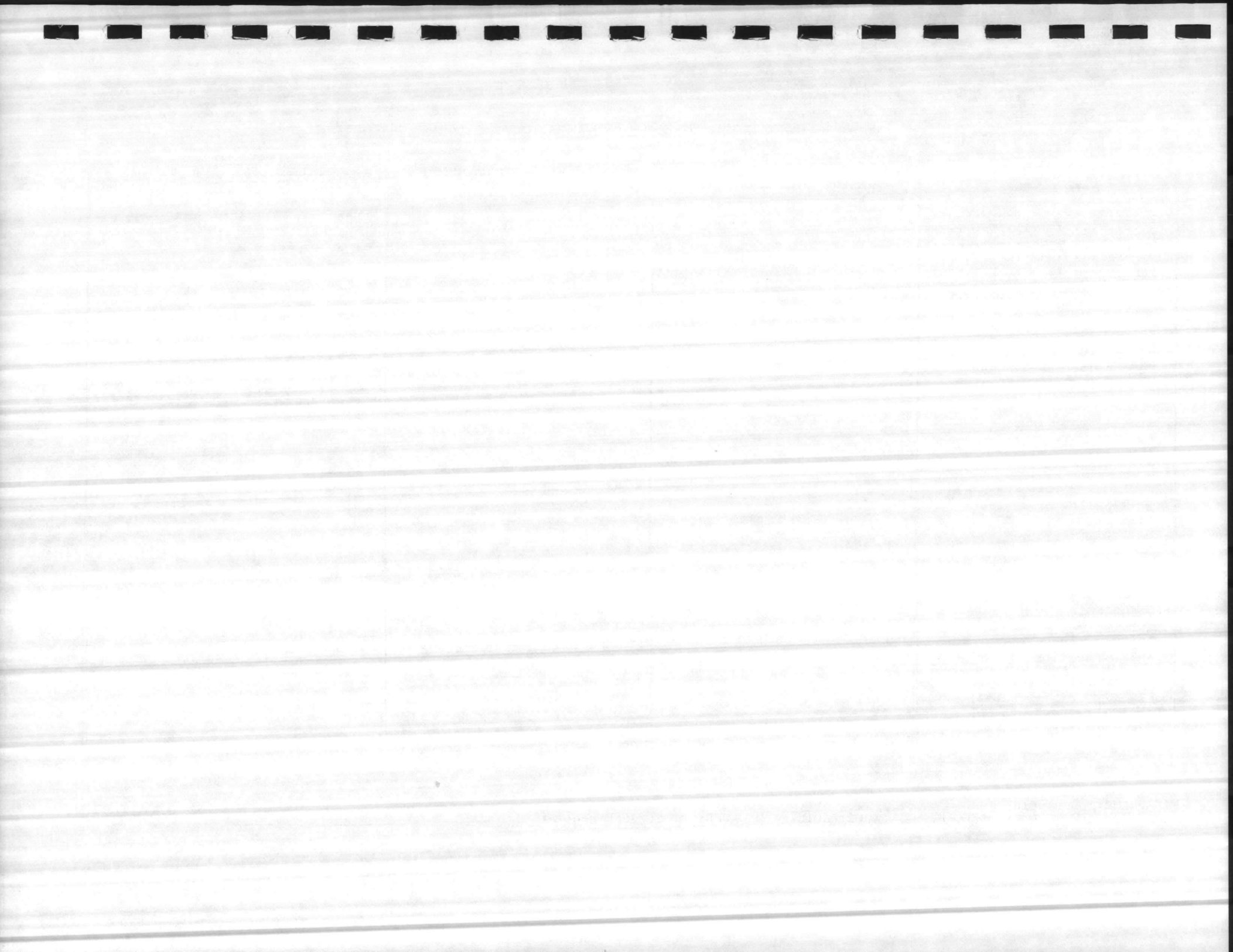
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, M60, SAW, M40A1, M19, M203, SMAW, M72 LAW, M73 LAW, 60-mm, 81-mm, Dragon, TOW, 1/4-lb demolitions		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





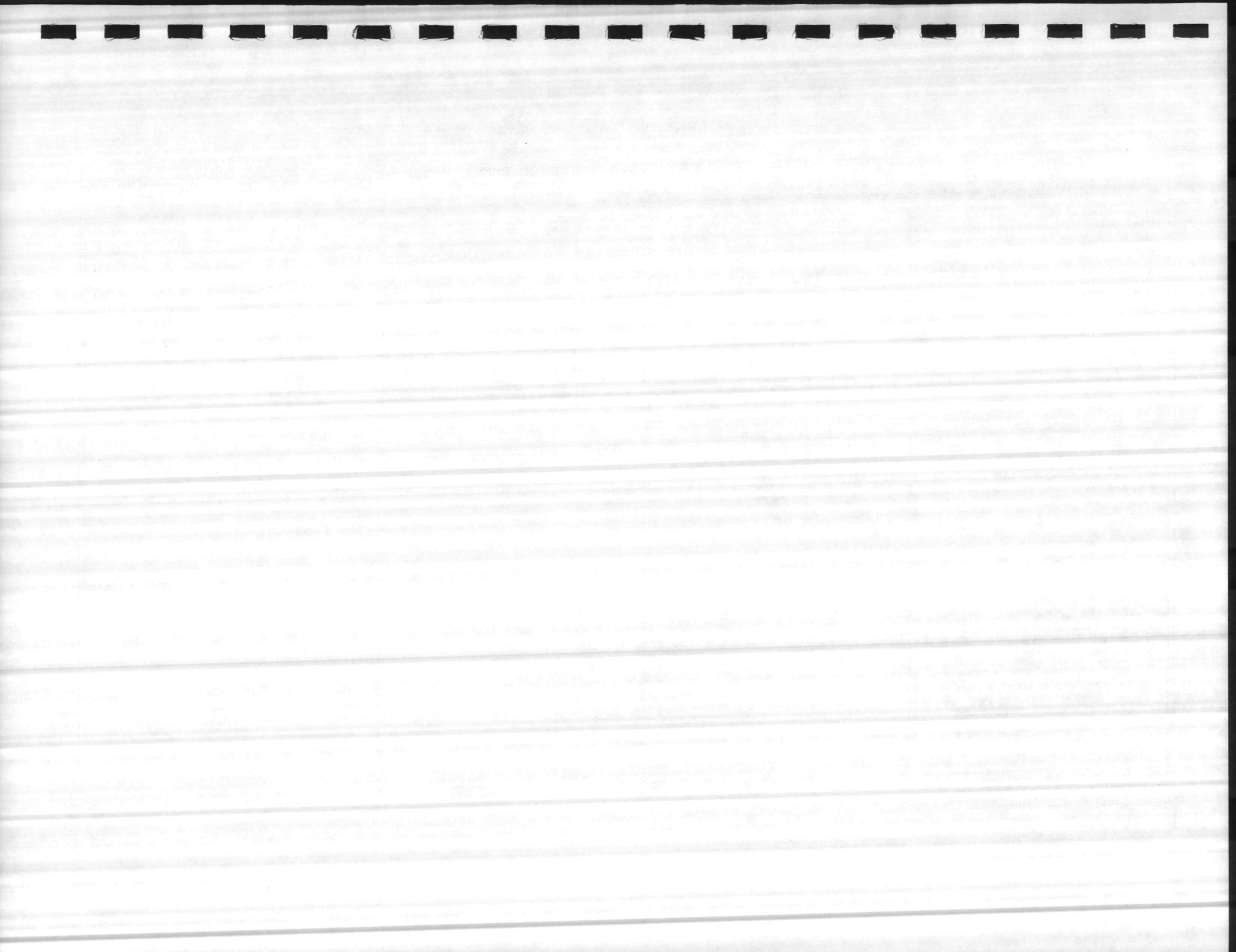
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	6 2000 m 6		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	800		
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 ..... 5 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	OP-5 from live-fire		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Laser precautions when using lasers		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

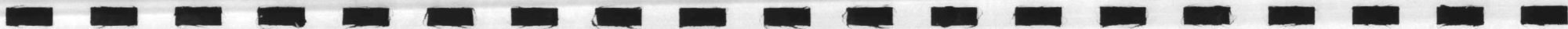
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010018

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Smoke

RANGE NAME AND LOCATION: G-3A M257 Smoke Grenade Launcher System Range, MCB, Camp Lejeune, NC  
 Smoke Grenade Launcher System Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.45 X .98		
Primary Direction of Fire	86 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP885351 to TP892357		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	NA		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

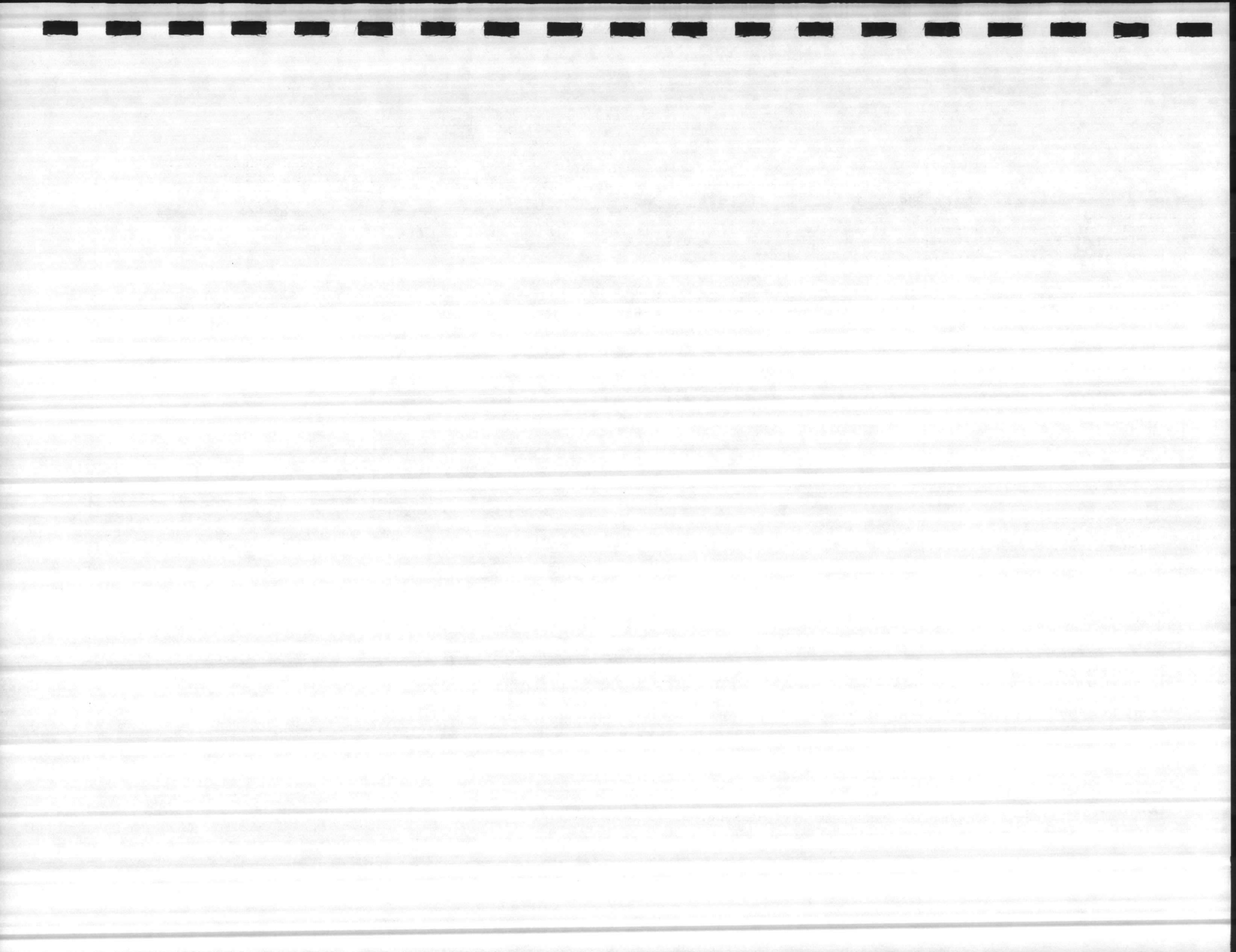
FILE NAME: LP010019

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

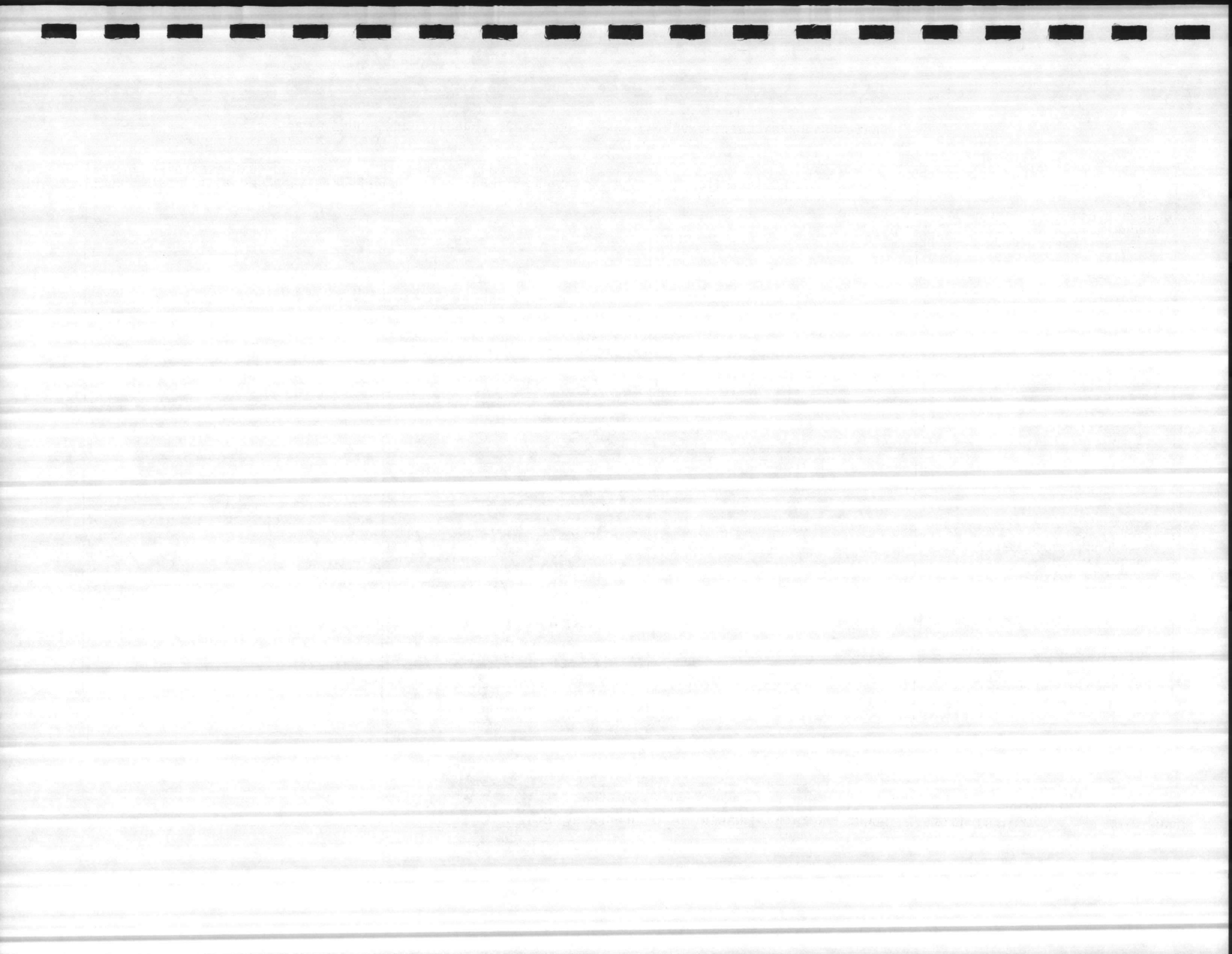
LFRTS-P-0001





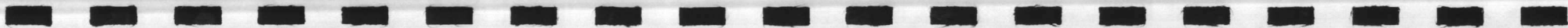
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



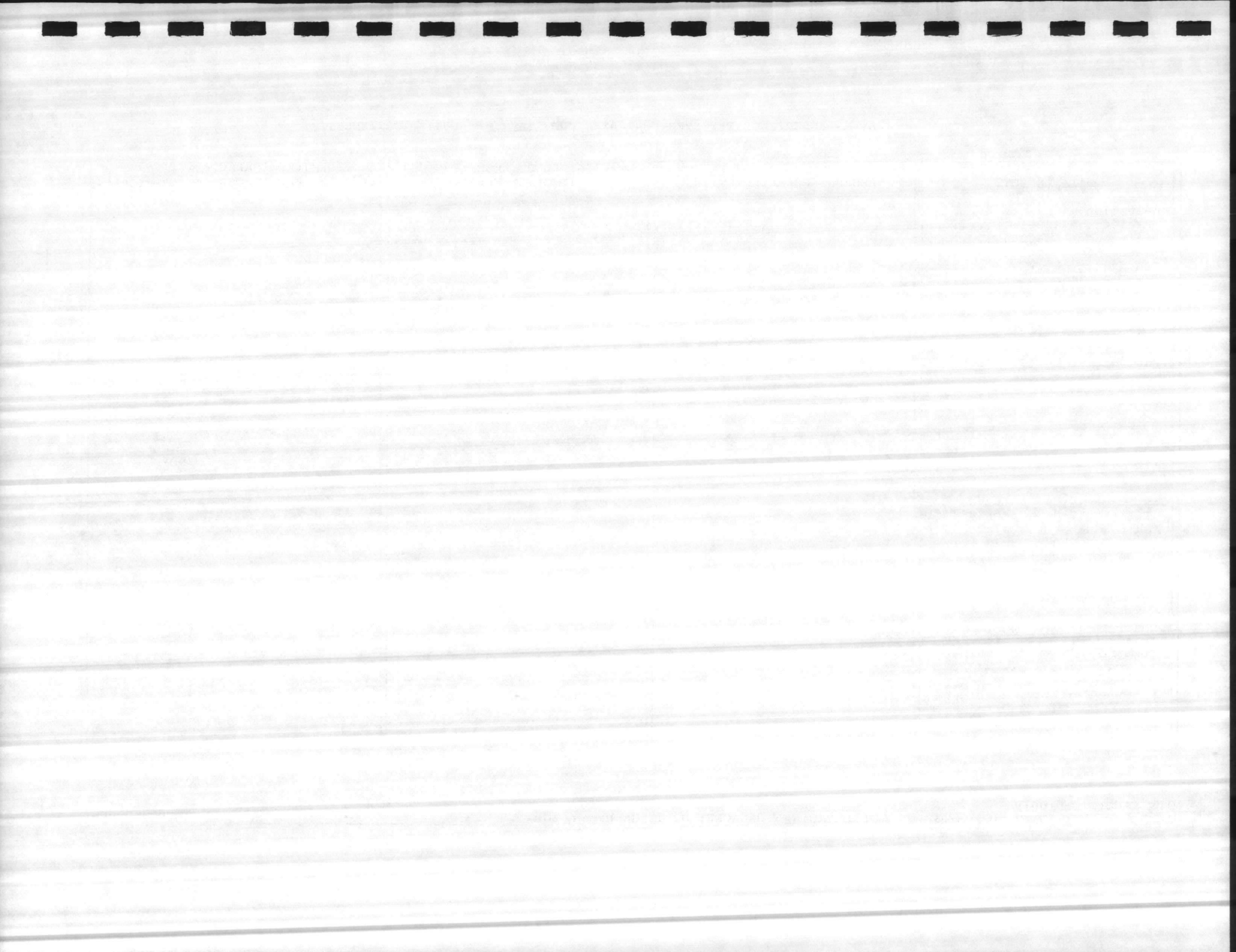
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M257 smoke grenade launcher system		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	100	NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	5 .....	.....	
Ammunition (km).....	1000 m .....	.....	
Rations (km).....	5 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	Undefined		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

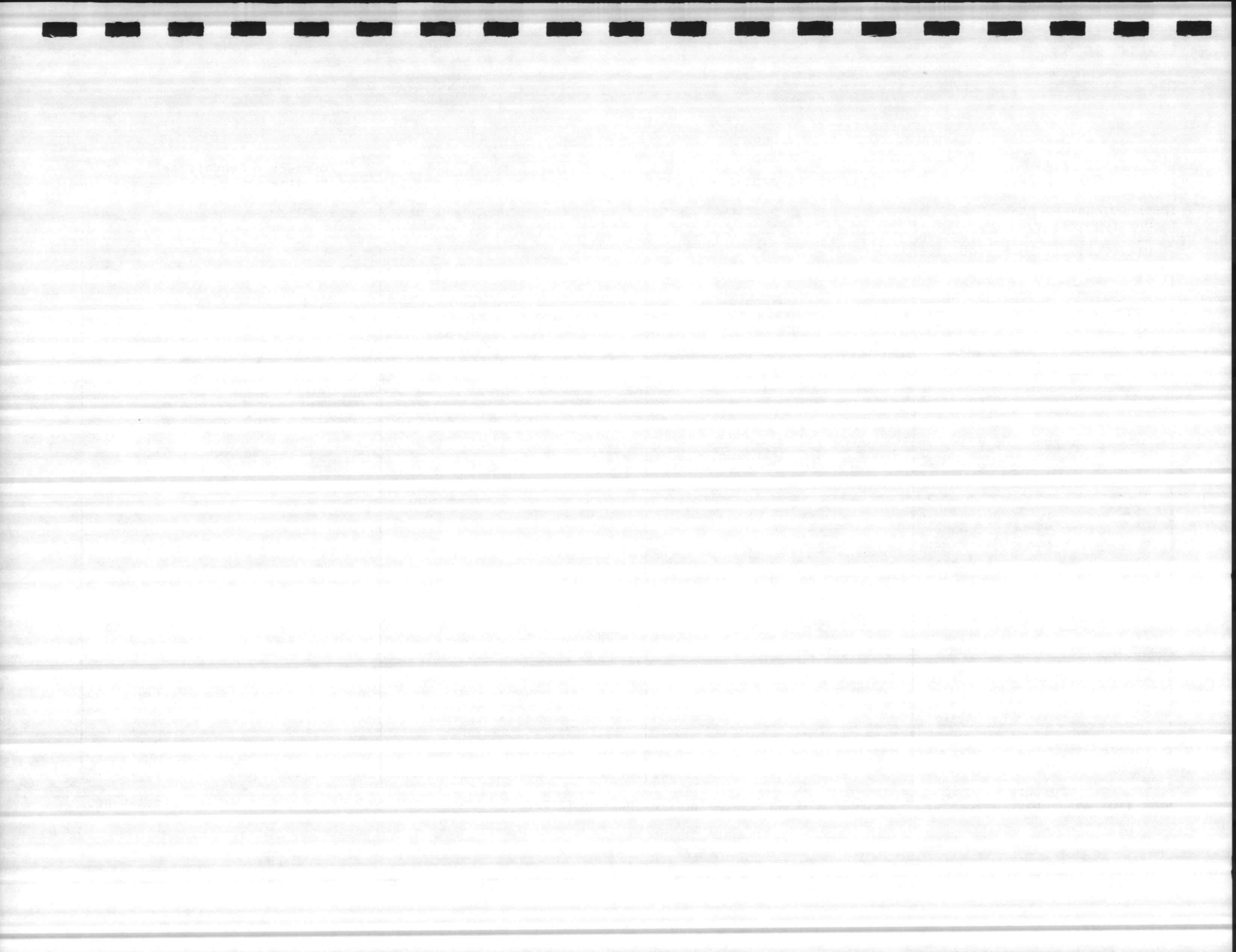
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Personnel in vehicles equipped with M257s must be inside the vehicle with all hatches secured when firing		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Road blocked at gate		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-4 Demolition Range, MCB, Camp Lejeune, NC  
 Demolition Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

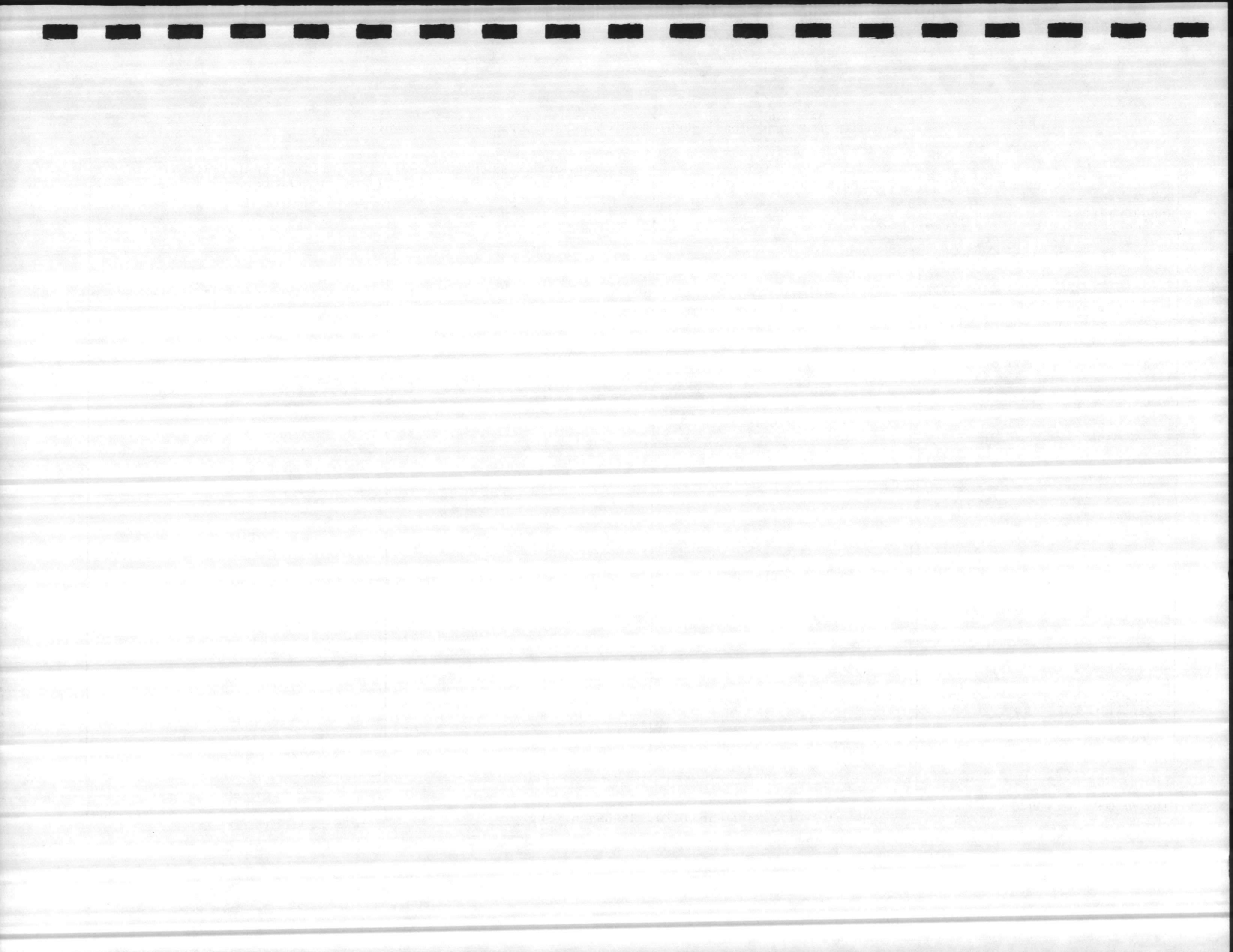
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.3 X 1.3		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP926327		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	NA		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010020

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

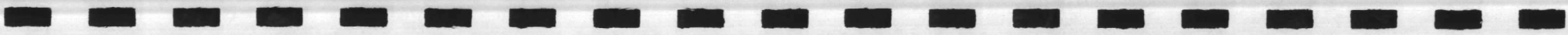
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	demolitions (50 lbs max), M68A1 linear rocket		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	75 25	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	75 25	NOT APPLICABLE	NOT APPLICABLE





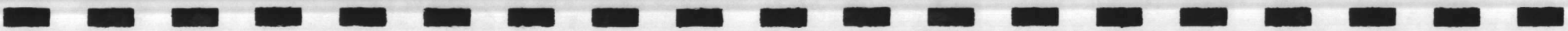
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	6 .....	.....	
Ammunition (km).....	5 .....	.....	
Rations (km).....	6 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	30 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



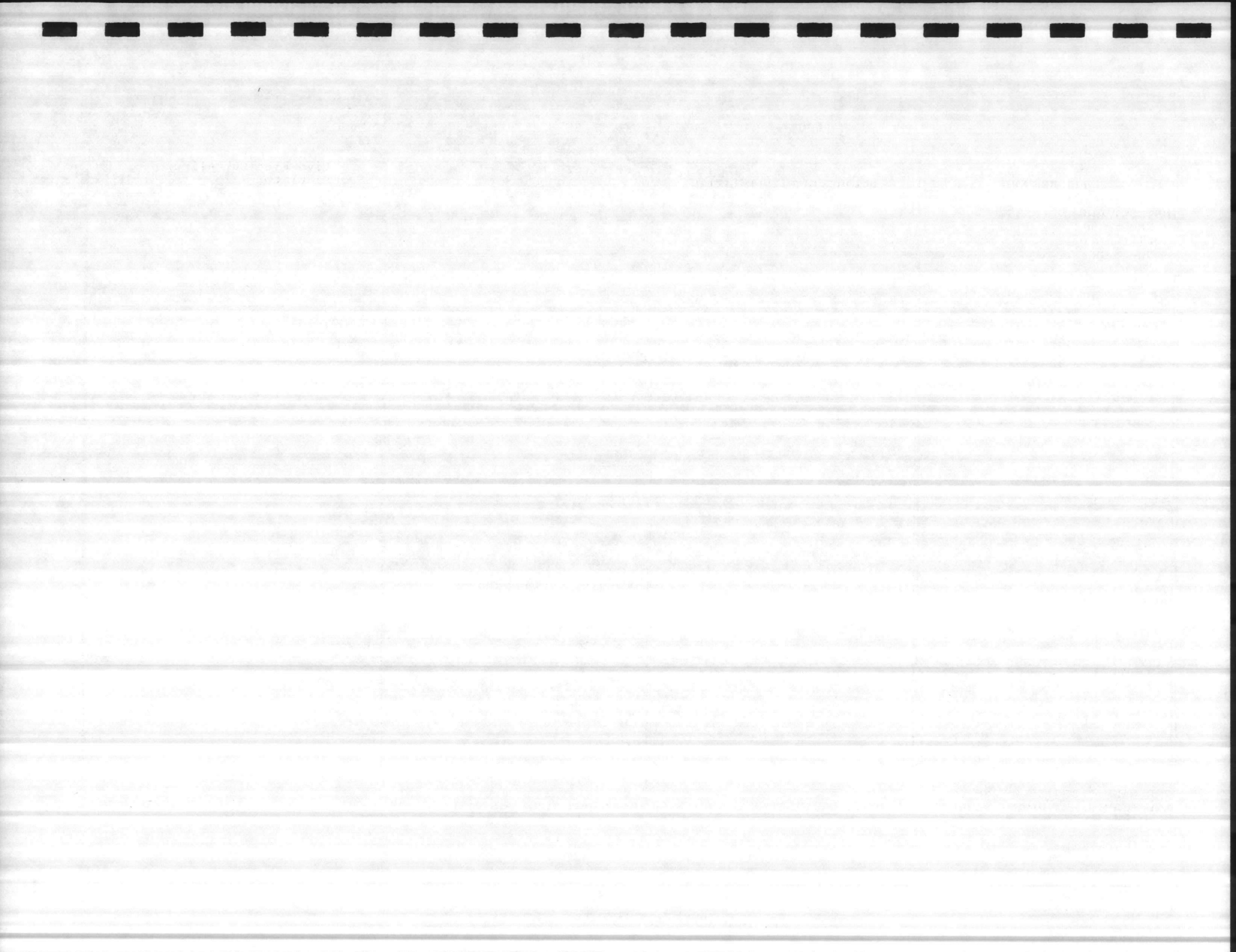
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Must comply with blast focus		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full CaliberX  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: GA-4 Demolition Range, MCB, Camp Lejeune, NC  
 Demolition Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

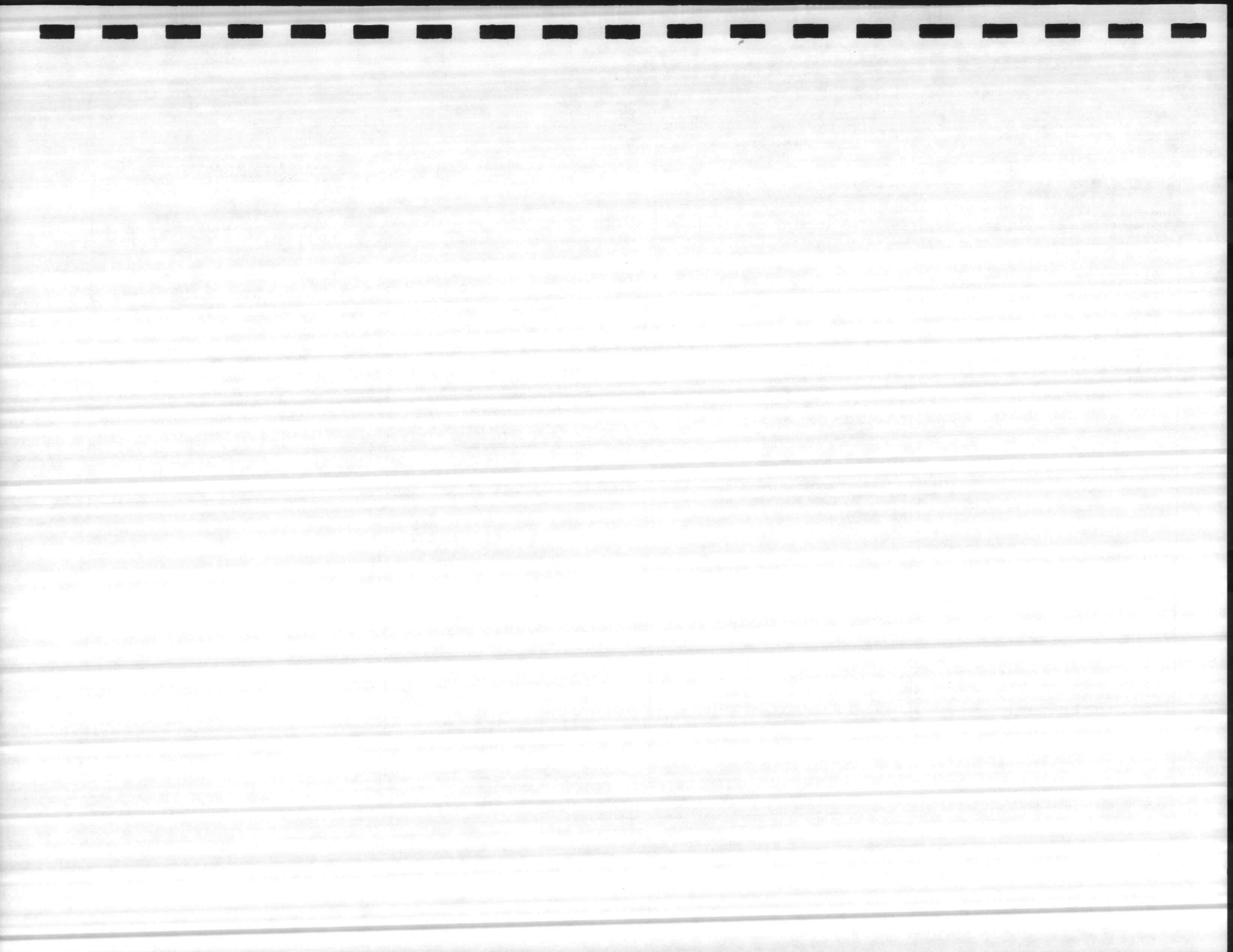
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.5 X 1.5		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP9032 to TP9132 to TP9031 to TP9131		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....			

FILE NAME: LP010021

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

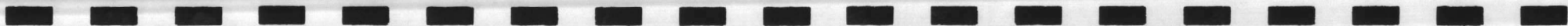
LFRTS-P-0001





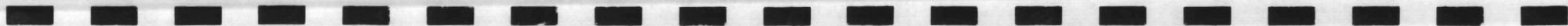
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA		
Are There Associated Simulation Devices? Yes, No, NA	NA		



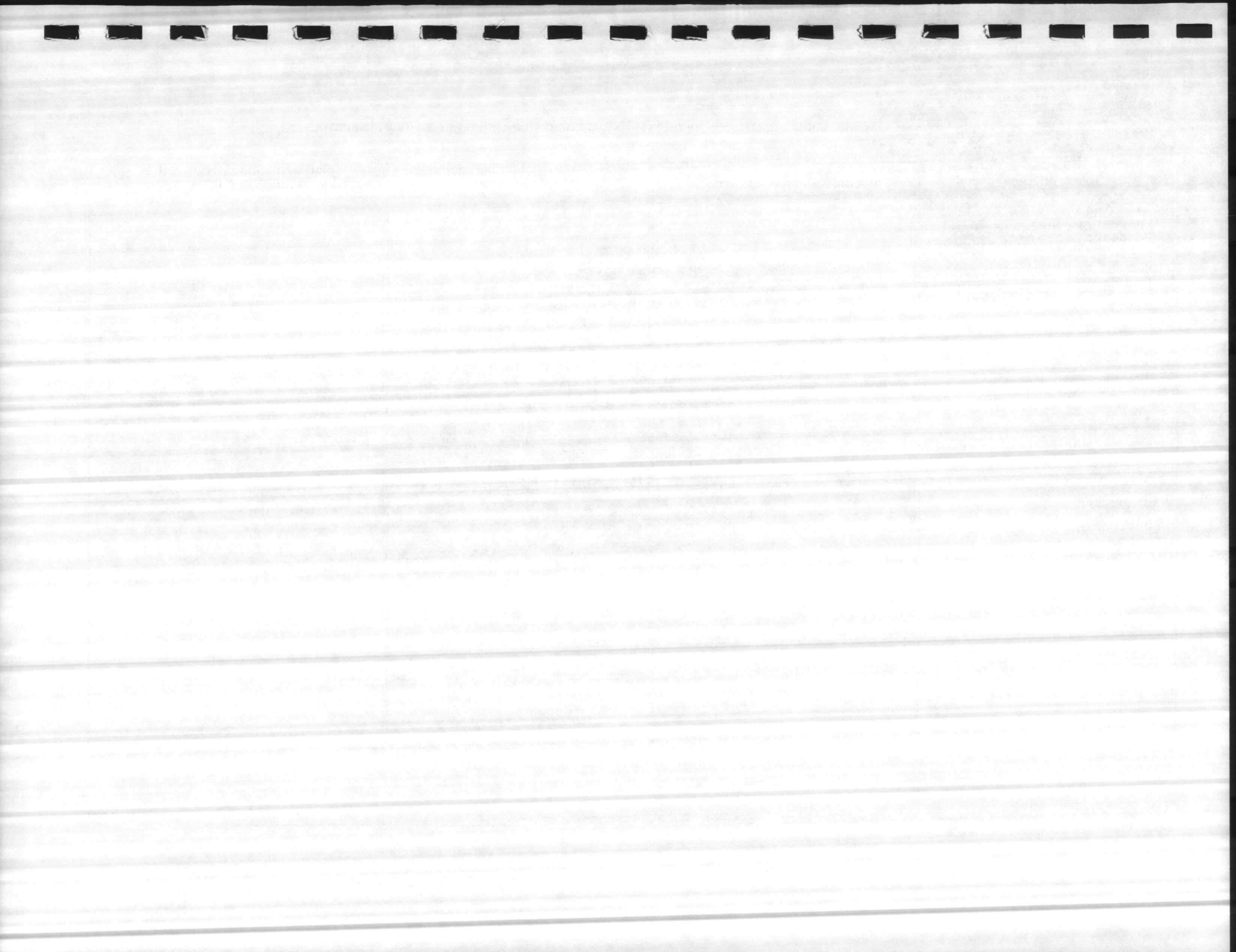
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	demolitions (50 lbs max)		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	100	NOT APPLICABLE	NOT APPLICABLE



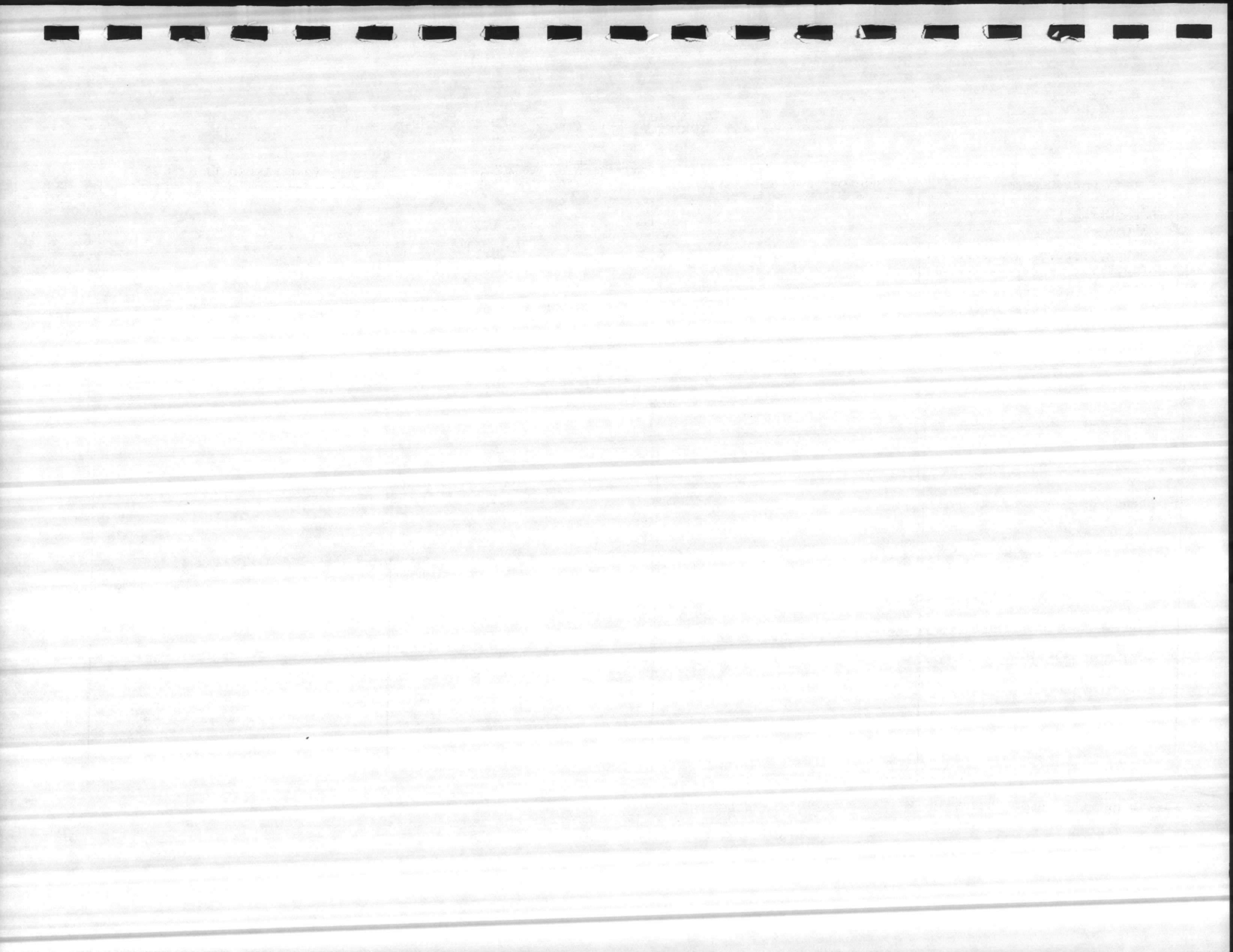
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	.....
Percentage Sparse.....	.....	.....	.....
Percentage Moderate.....	100 .....	.....	.....
Percentage Heavy.....	.....	.....	.....
Access			
No. of Land Access Routes...	2 .....	.....	.....
No. of Land Water Routes....	.....	.....	.....
No. of Air Ingress Routes...	.....	.....	.....
No. of Air Egress Routes....	.....	.....	.....
No. of Beach Access Areas...	.....	.....	.....
Distance from Supply Points			
POL (km).....	6 .....	.....	.....
Ammunition (km).....	5 .....	.....	.....
Rations (km).....	6 .....	.....	.....
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,	Undefined		
No. of Individuals.....	.....	.....	.....
No. of Batteries.....	.....	.....	.....
No. of Crew-Served Wpns...	.....	.....	.....
No. of Aircraft/Helos.....	.....	.....	.....
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

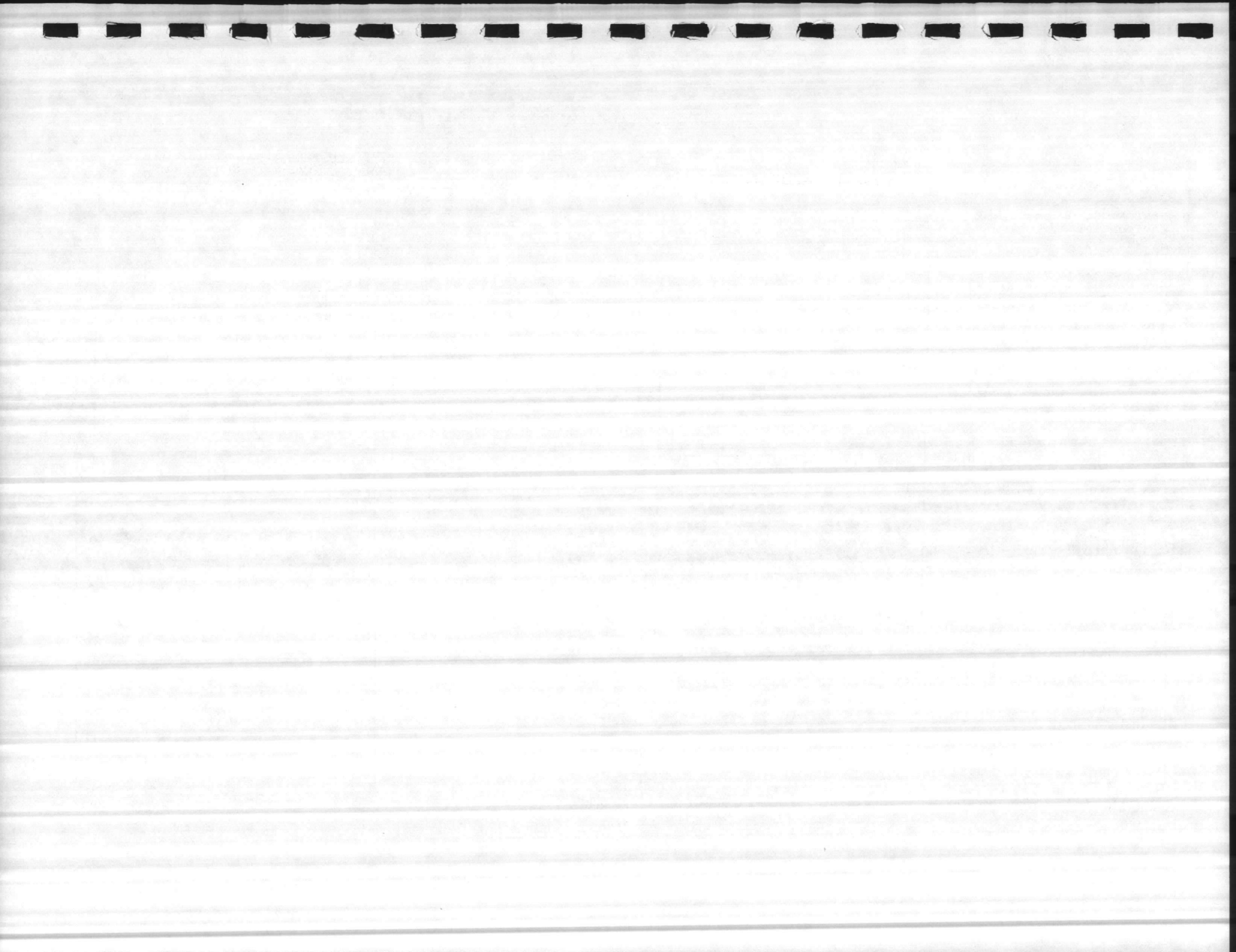
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	GF Maneuver Area GP-17, GP-22		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Must comply with blast focus		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-4A EOD Range, MCB, Camp Lejeune, NC  
 EOD Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

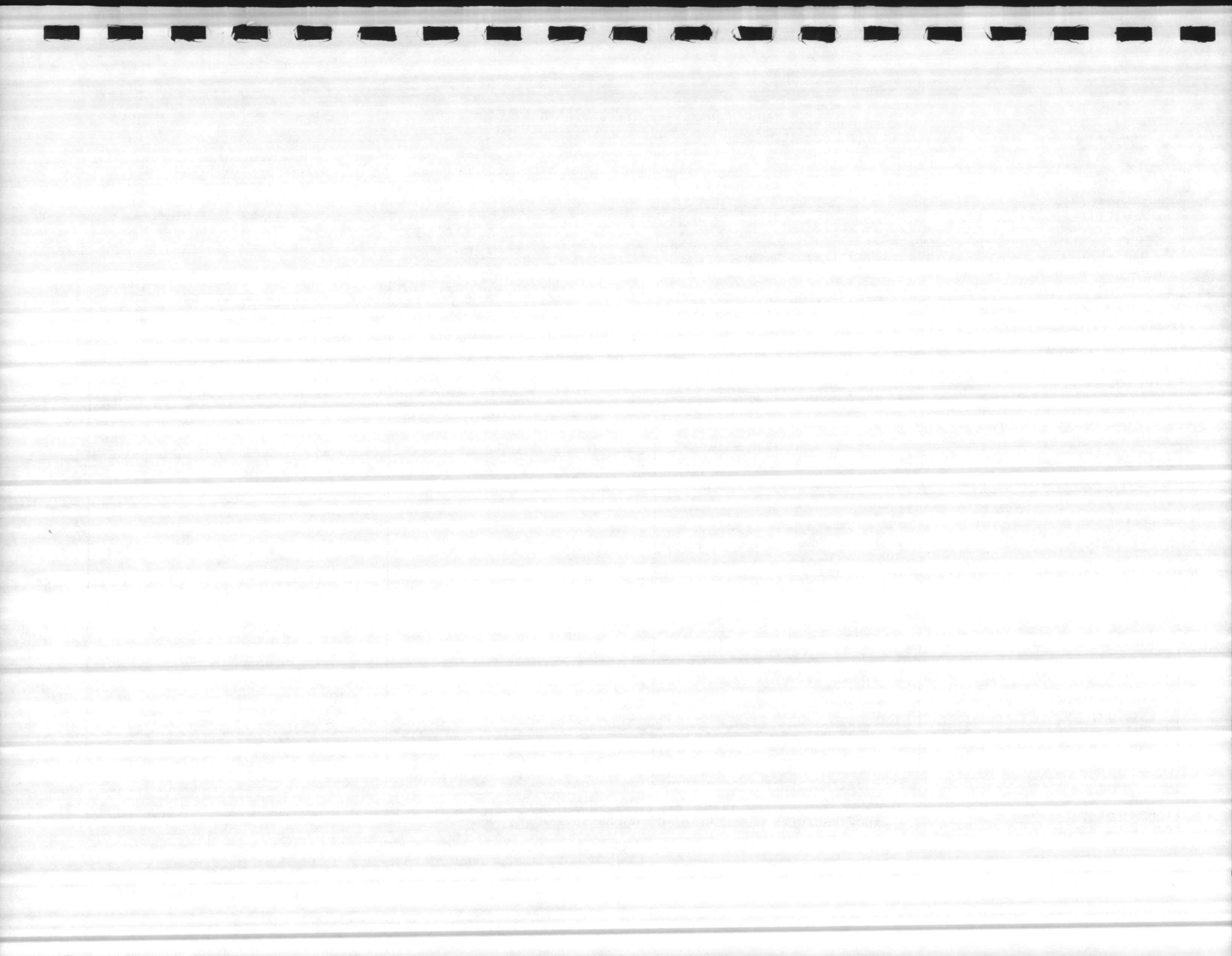
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.4 X 1.3		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP9233 to TP9333 to TP9232 to TP9332 (TP933335)		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

FILE NAME: LP010022

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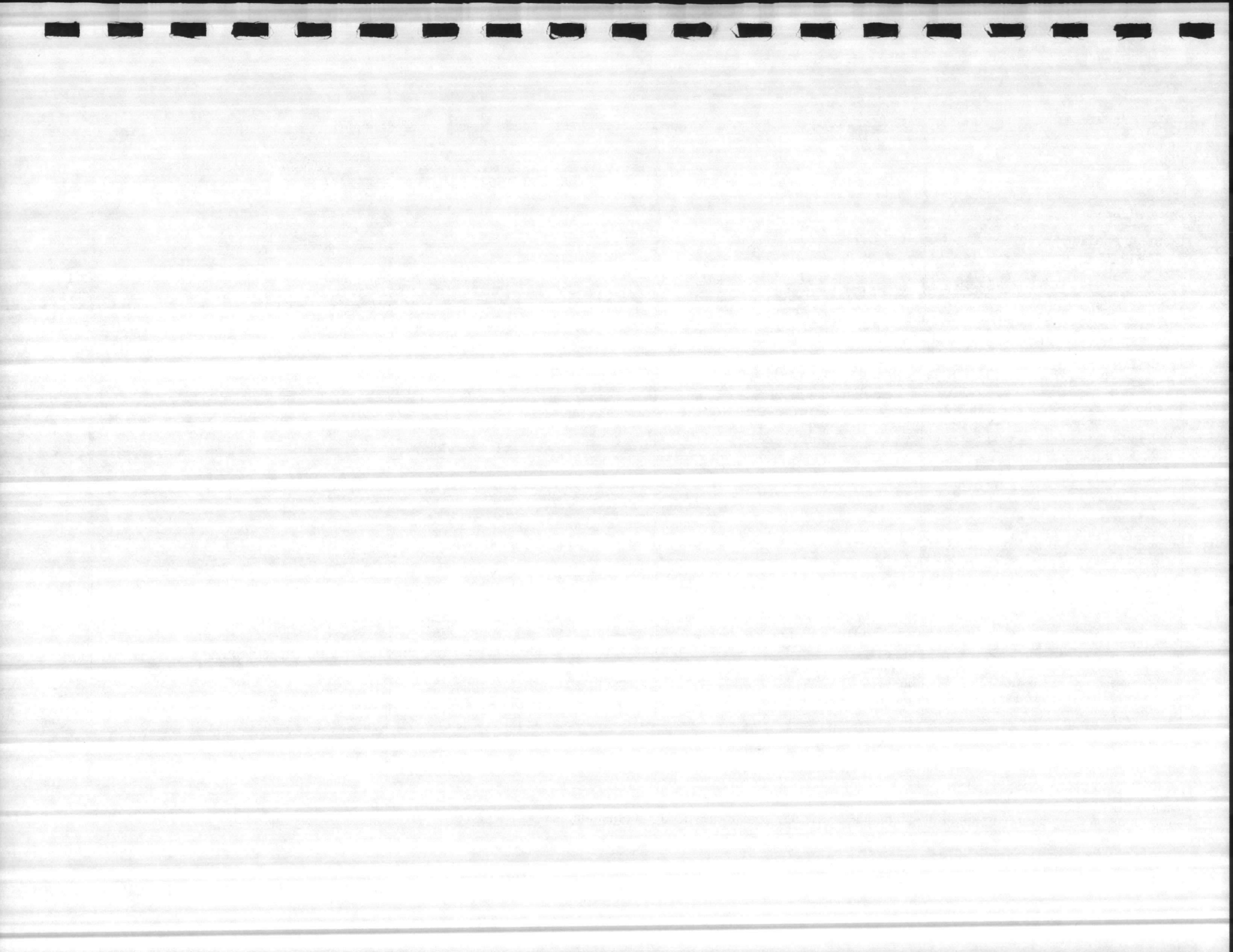
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



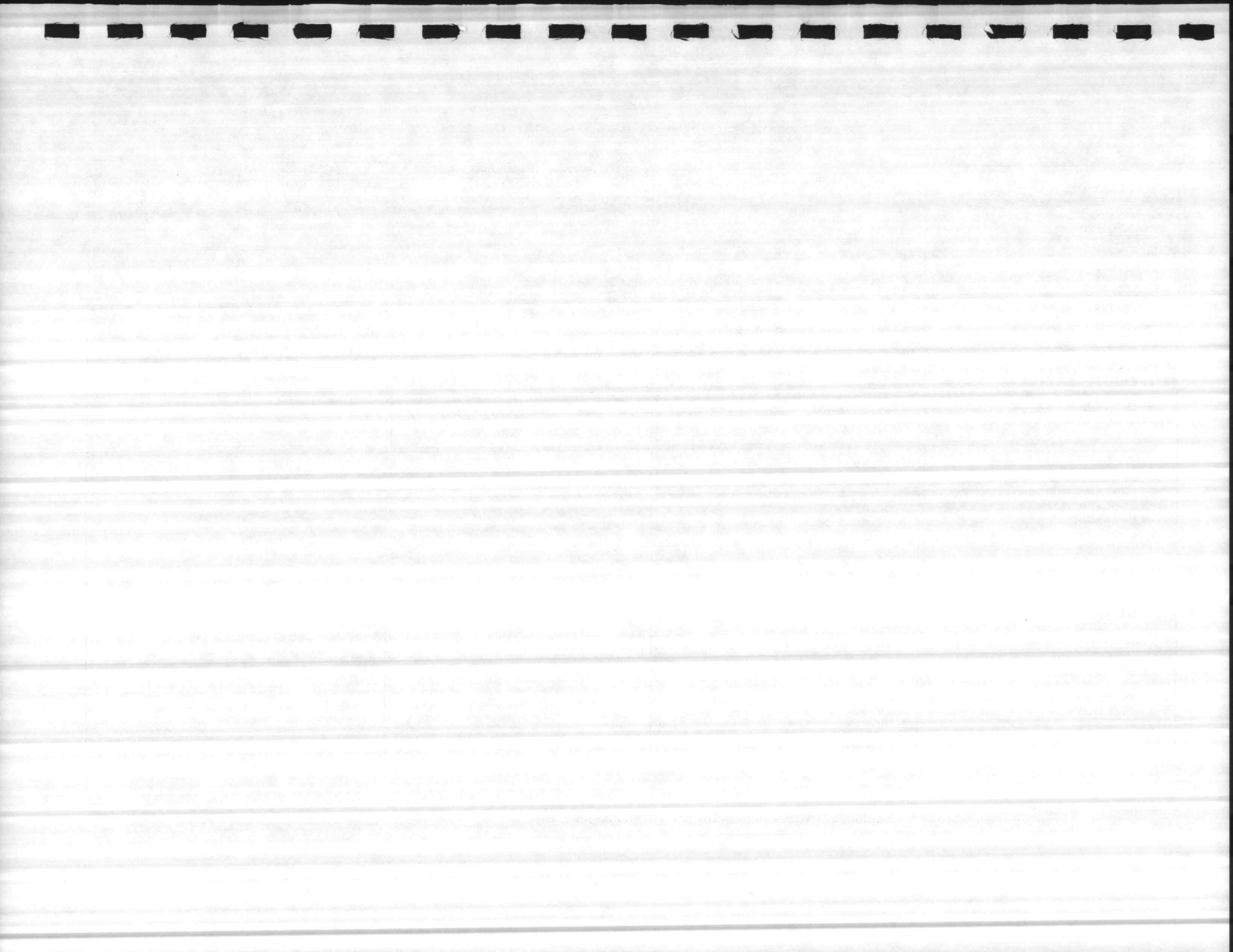
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	demolitions (500 lbs max)		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	2 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	6 .....	.....	
Ammunition (km).....	5 .....	.....	
Rations (km).....	6 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	Undefined		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	GF Maneuver Area GP-17, GP-18, GP-22		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes EOD use only Must comply with blast focus		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		

LATER RANGE/FACILITY INVENTORY DATA FORM (FRTS-P-0001)

SUBMITTED BY: D. J. HANSEN, Sr., DRCO, AV 484-2103

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Manover Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-2 Mechanized Tank and LAV Gunnery Range, MCB, Camp Lejeune, NC

Mechanized Tank and LAV Gunnery Range

INSTRUCTIONS:  
 -- One form for each range/facility/simulator  
 -- Fill in data elements as appropriate  
 -- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Space and Dimensions	2.55 A 1.3		
Dimensions (ft)			
Associated Air Space	TO 17,500 ft; 300 sq mi		
Coordinates	7994331		
Altitude (ft)			
Side (ft)			
East (km)	50 m to 150 m		
Utility Building			
Air Station			
Target Stand			
Communications System			
Control Tower			
Range Facility			

LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-5 Mechanized Tank and LAV Gunnery Range, MCB, Camp Lejeune, NC  
 Mechanized Tank and LAV Gunnery Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.35 X 1.9		
Primary Direction of Fire	2449 MILS/138 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP942321		
Safety Buffer Rear (km).....	50 m to 150 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Berm up to 15 tank firing points		
Range Facilities Control Tower.....	X		
Communications System.....	X		
Target Shed.....	X		
Utility Building.....			
Aid Station.....			
Parking Area.....	X		
Viewing Area.....			

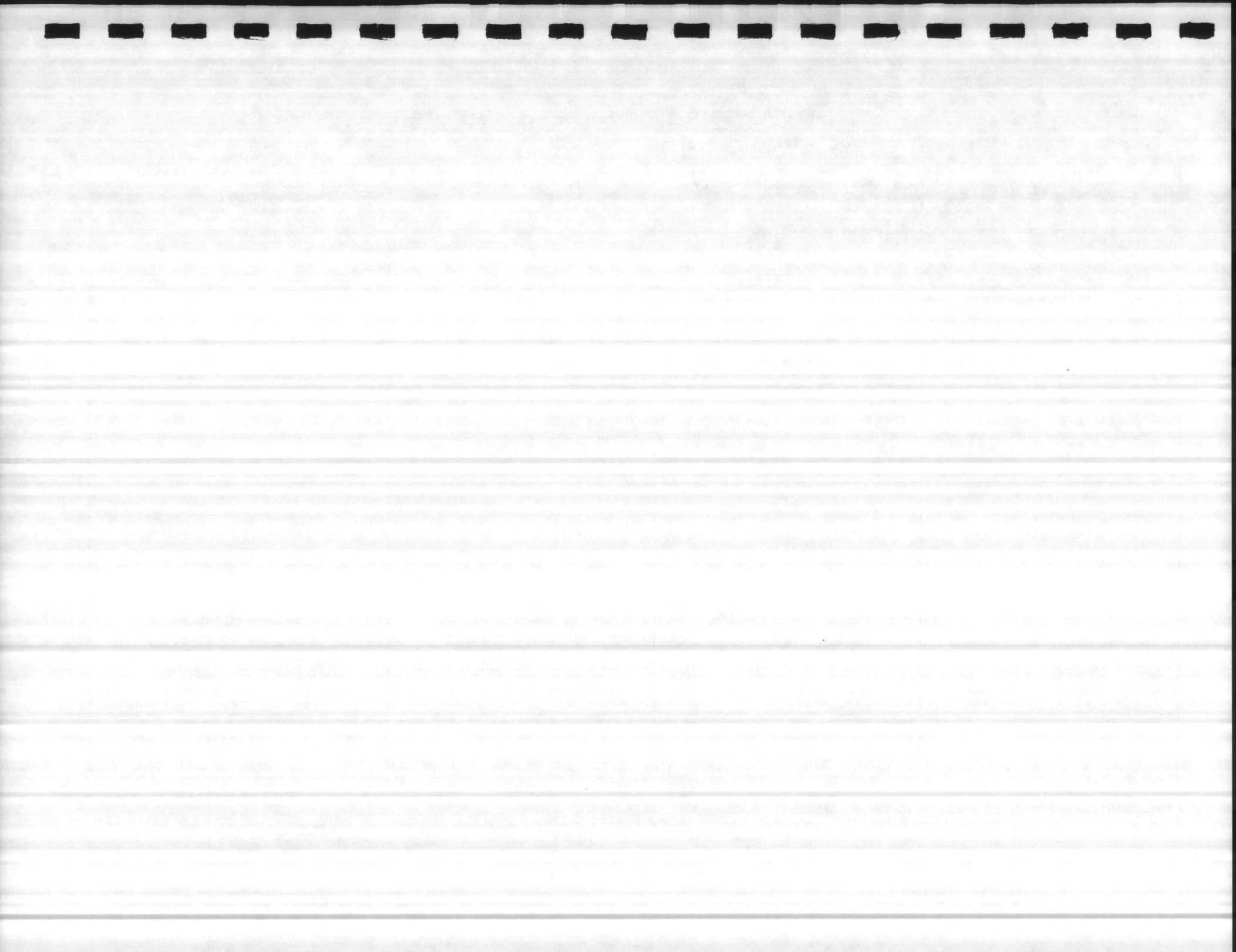
FILE NAME: LP010023

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

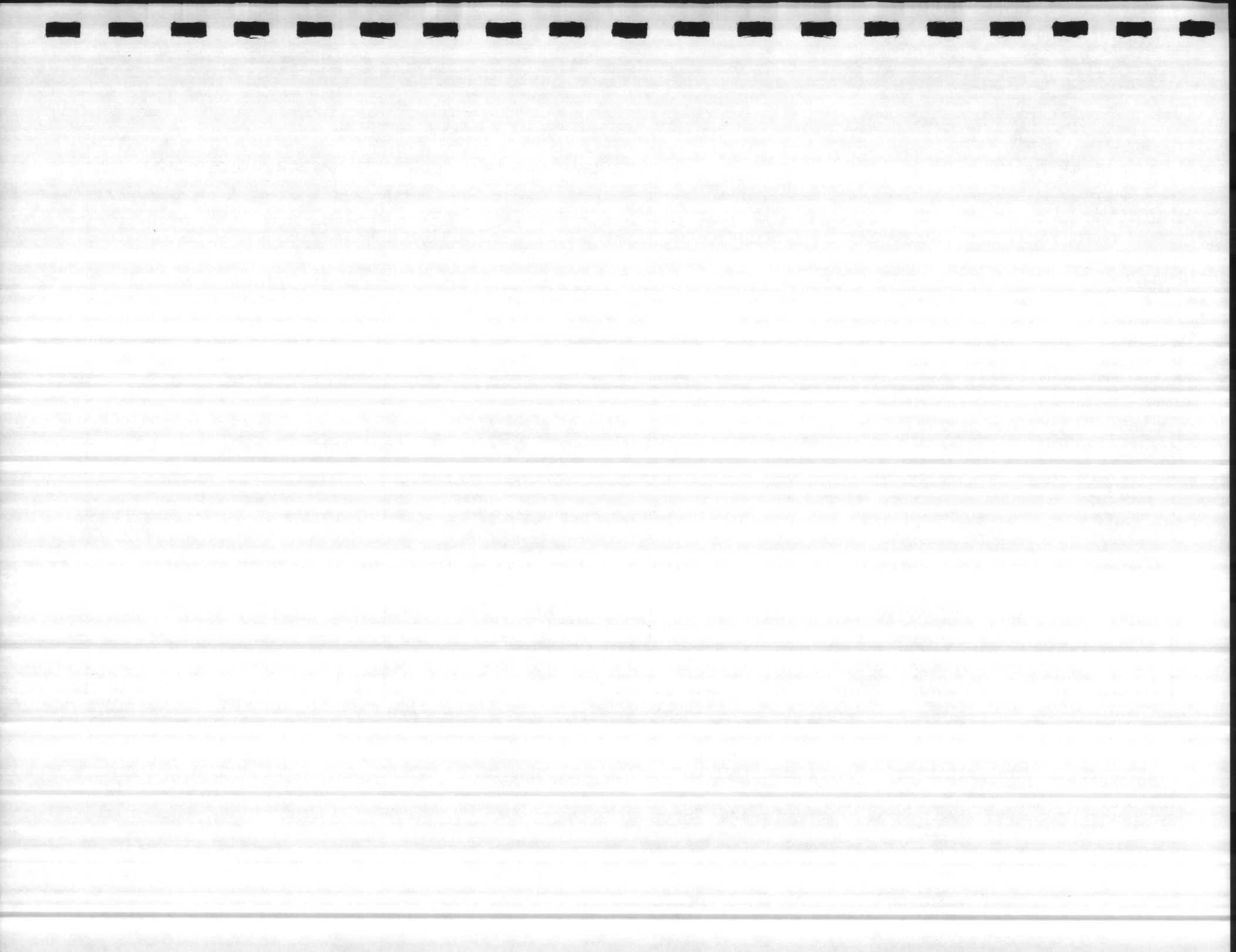
LFRTS-P-0001





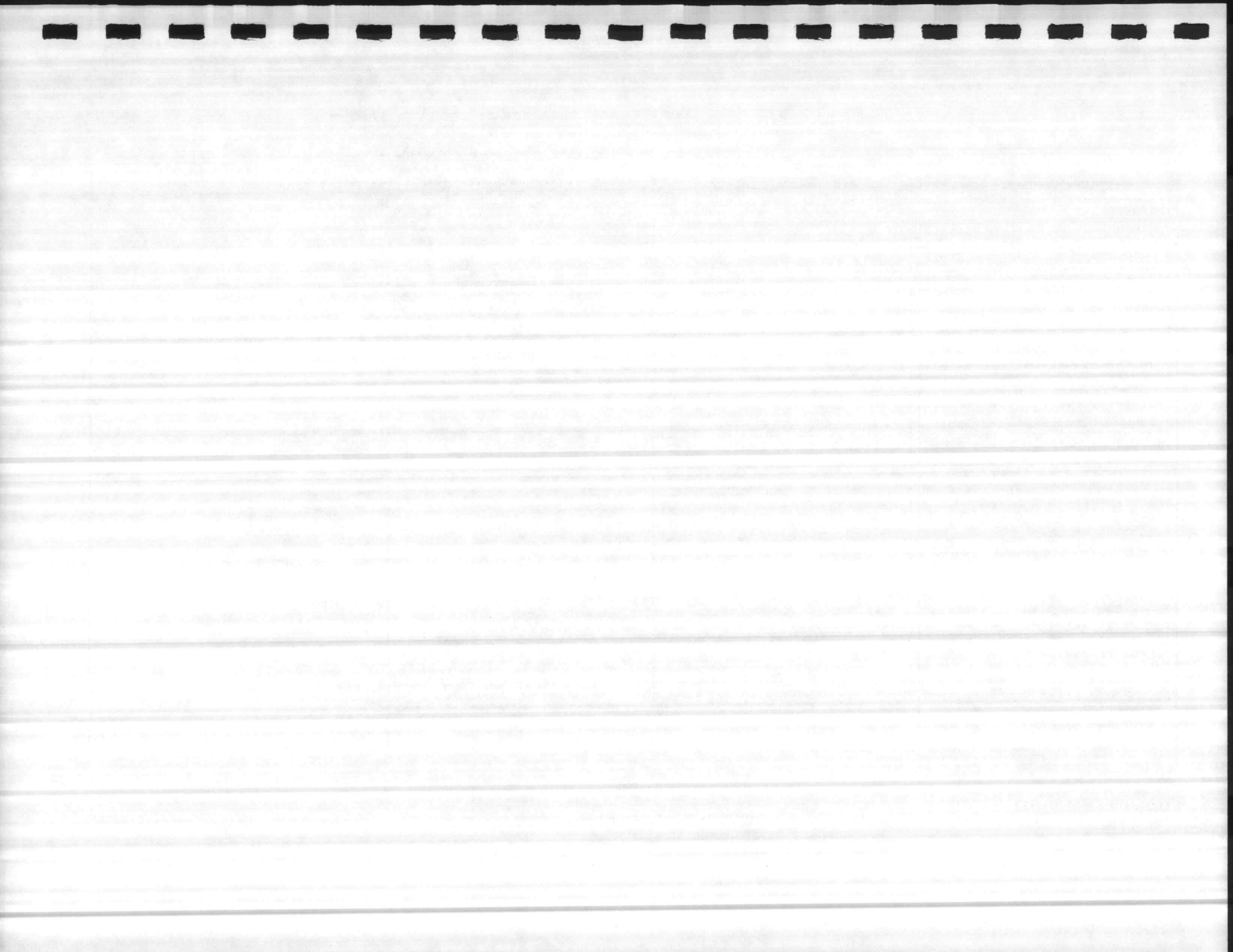
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... X Stationary..... X Moving..... X Revolving..... Other.....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



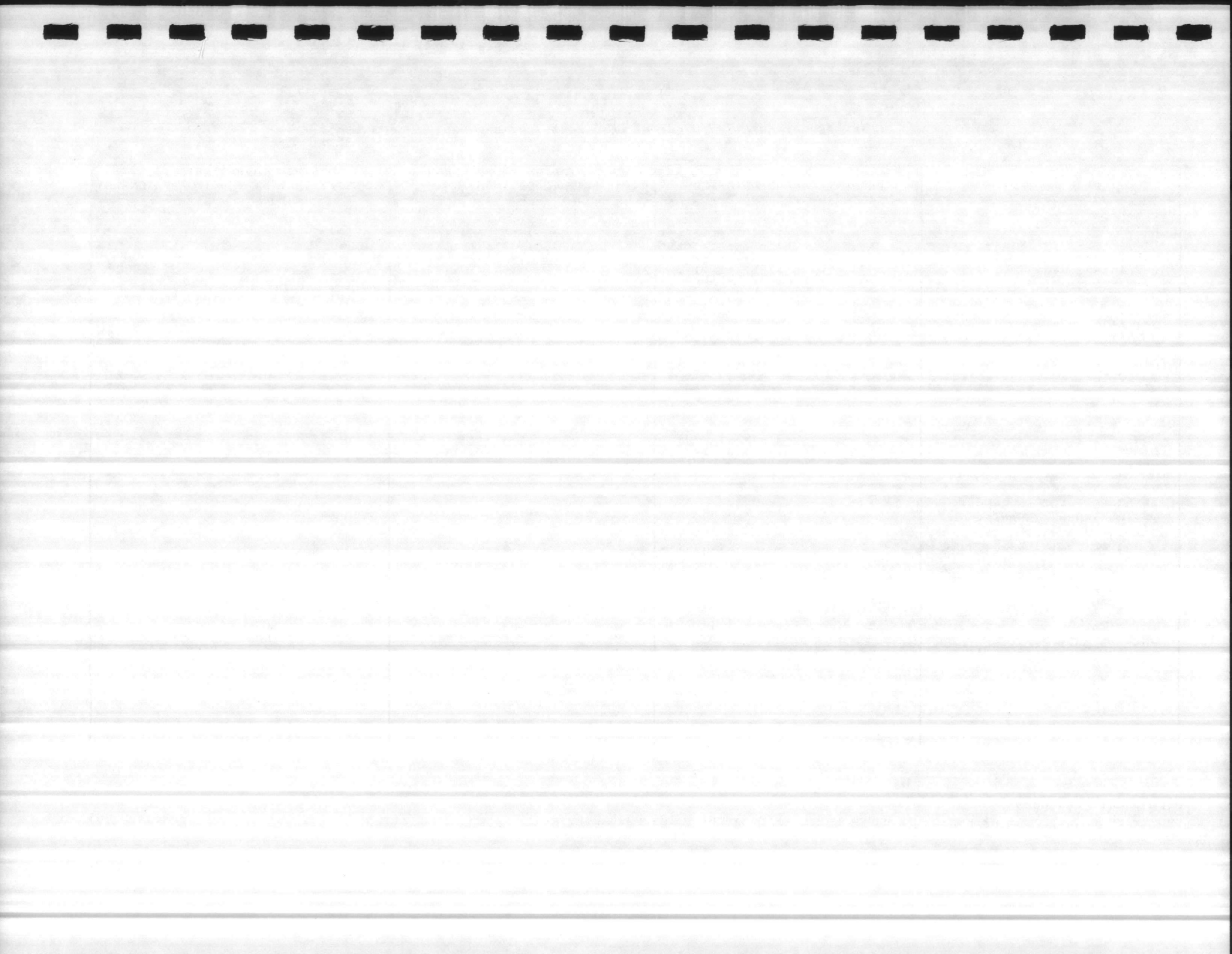
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.50-cal, M16, M60, Dragon, TOW, 105-mm main tank gun, 25-mm cannon, 155-mm/8-in direct fire artillery		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 75 Percentage Clay..... Percentage Swamp/Marsh..... 25 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



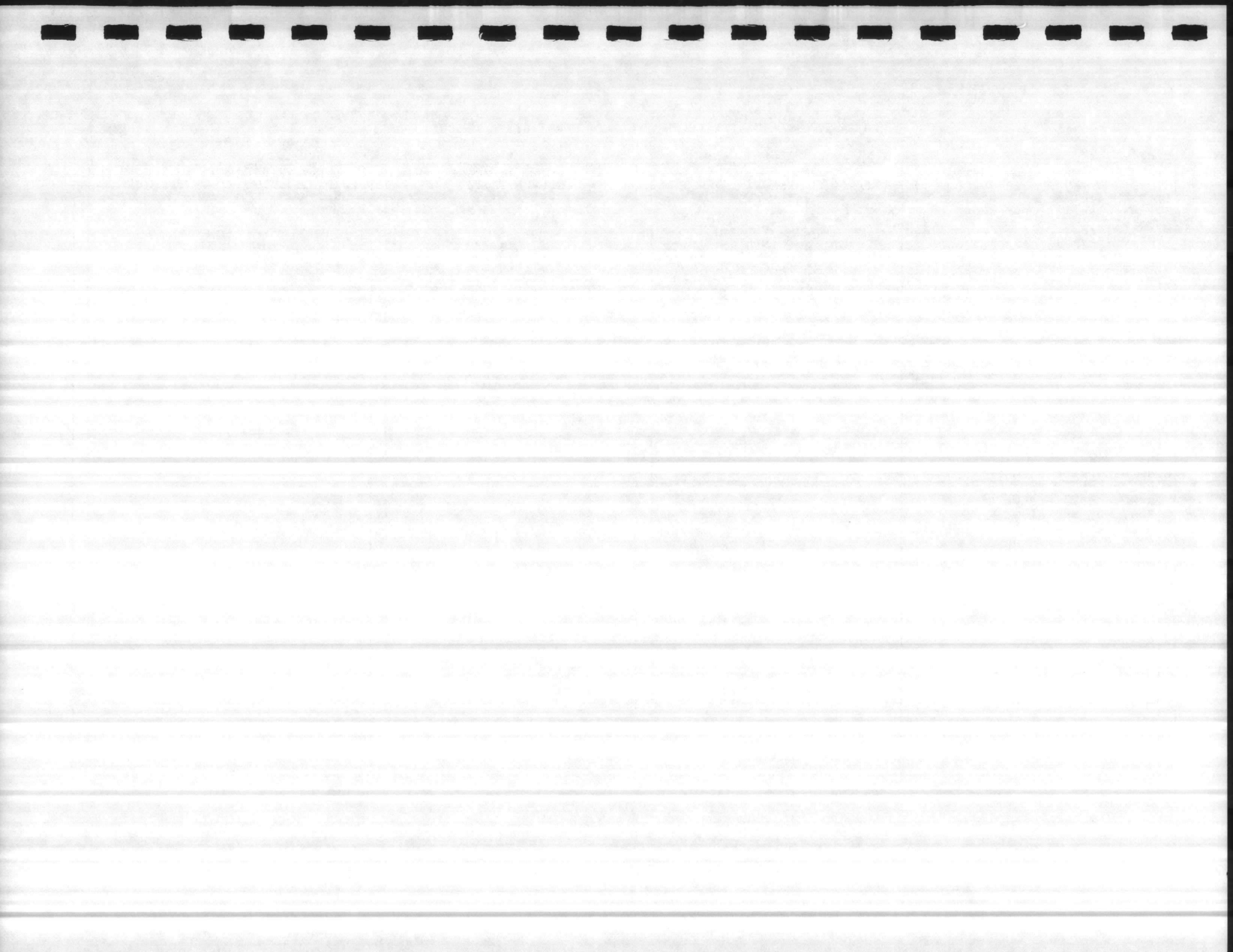
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	10 7 10		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	1 Tank Co per day  1		
Number of Days per Year the Range/Facility is Available	340		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	25 ..... 25 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	G-6, BT-3, Browns Tower		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes AIWW closed		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Aerial sweep prior to firing No downrange movement Towers manned		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Restricted air space R-5306D		

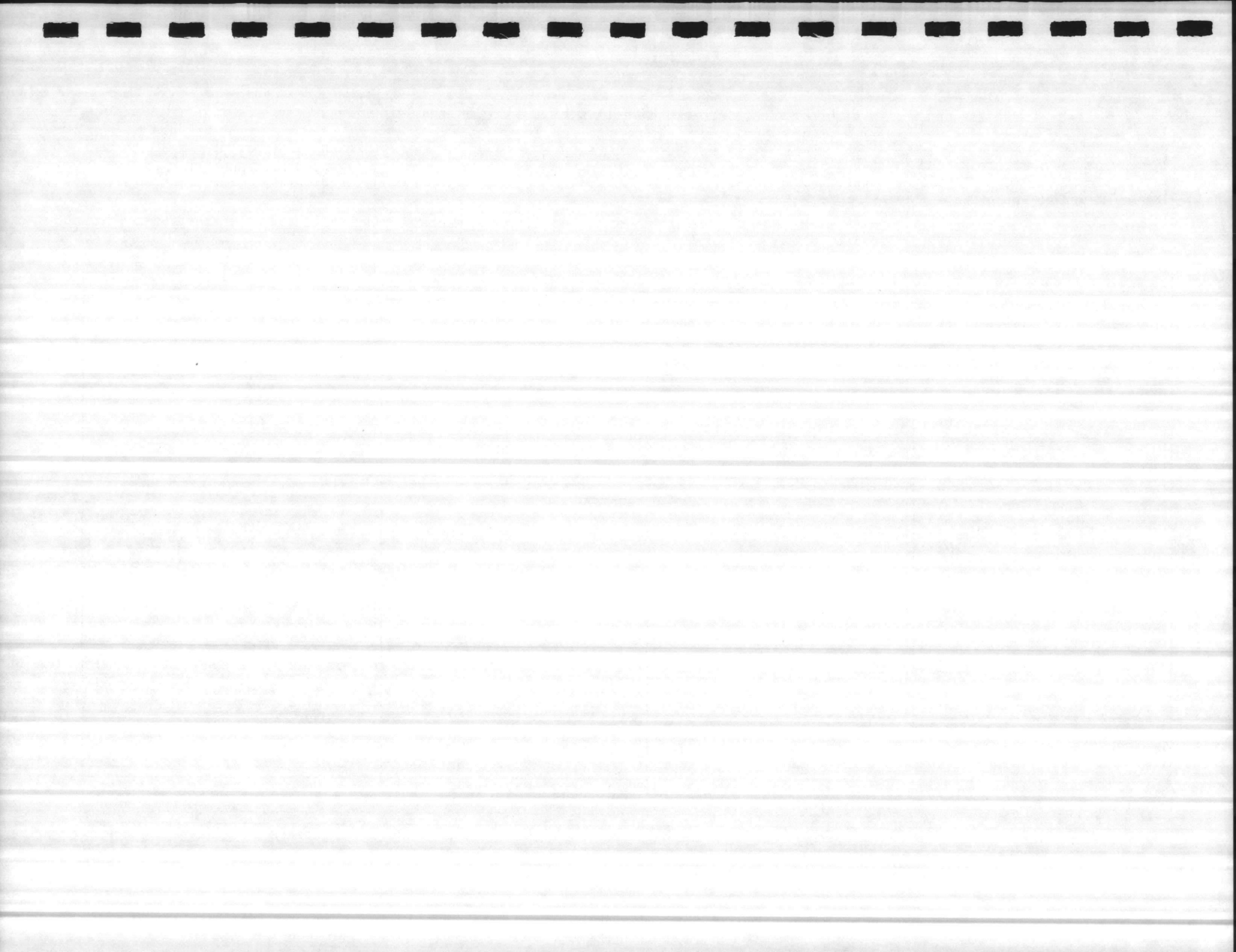
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-6 Tank Gunnery Range, MCB, Camp Lejeune, NC  
 Tank Gunnery Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	4 X 1.58		
Primary Direction of Fire	2850 MILS/160 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP942336		
Safety Buffer Rear (km).....	150 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	NA Running gun		
Range Facilities Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....	X		
Viewing Area.....			

FILE NAME: LP010024

PAGE 1 OF 6 DATE: 03/05/87

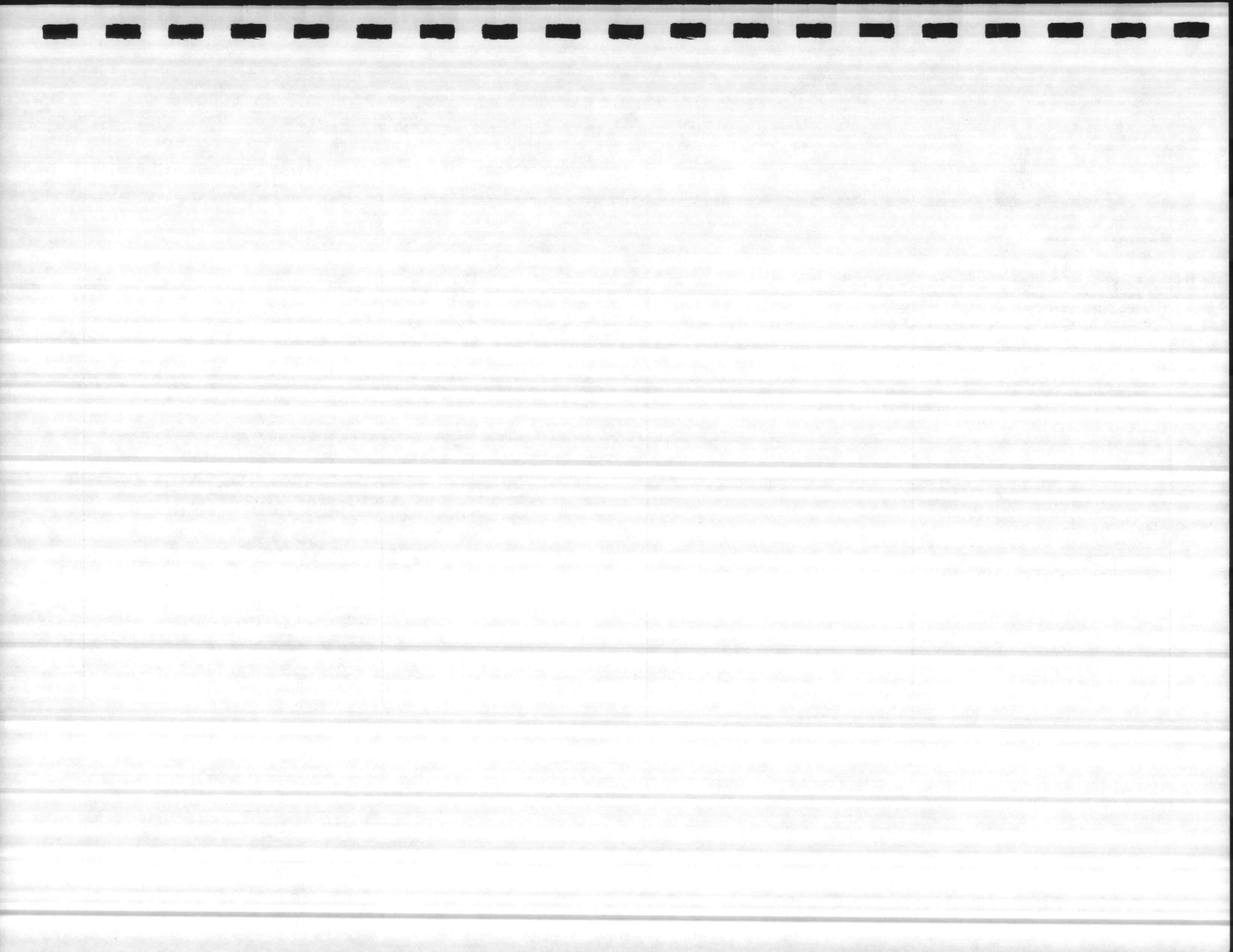
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



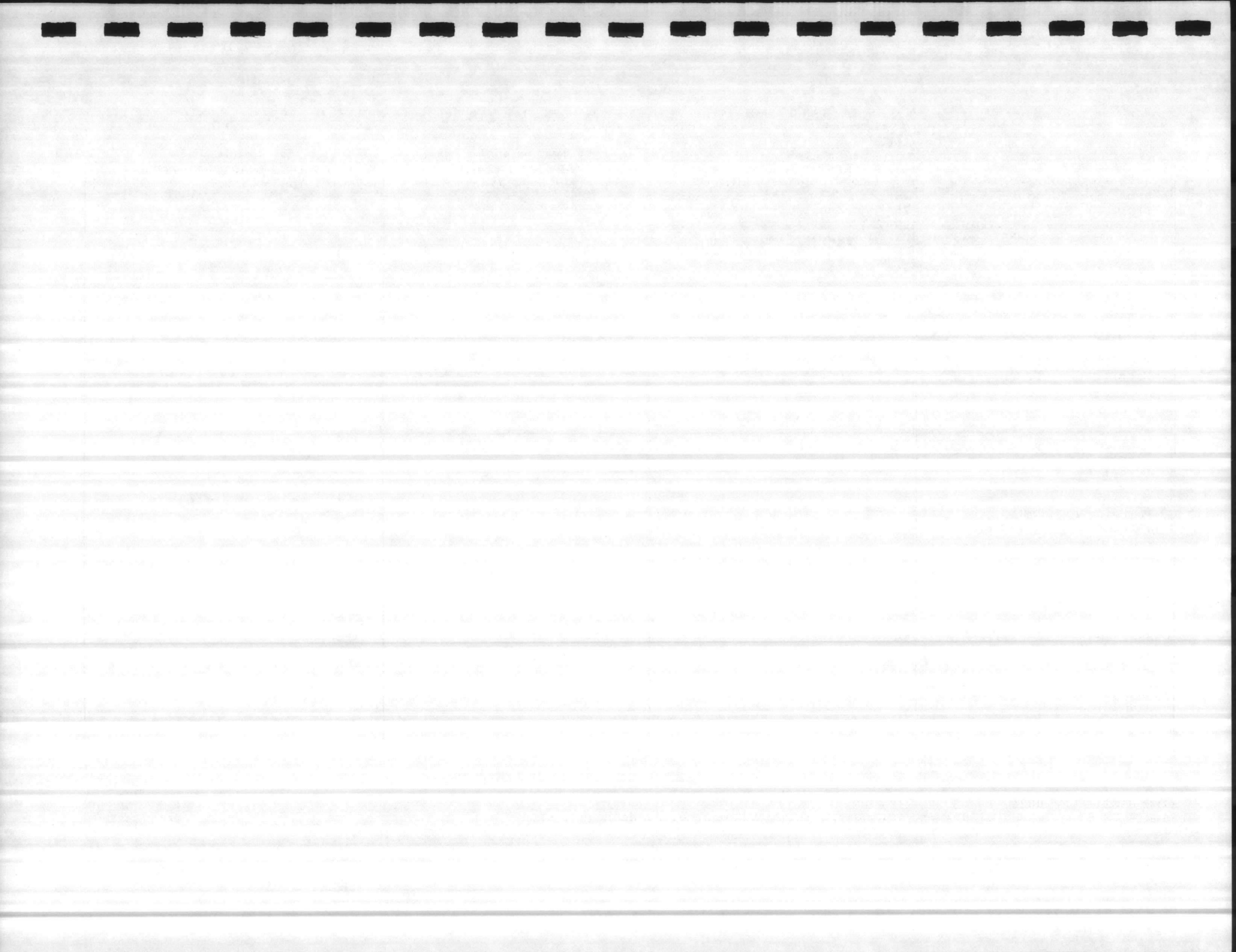
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... X Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X Stationary..... X Moving..... X Revolving..... Other.....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

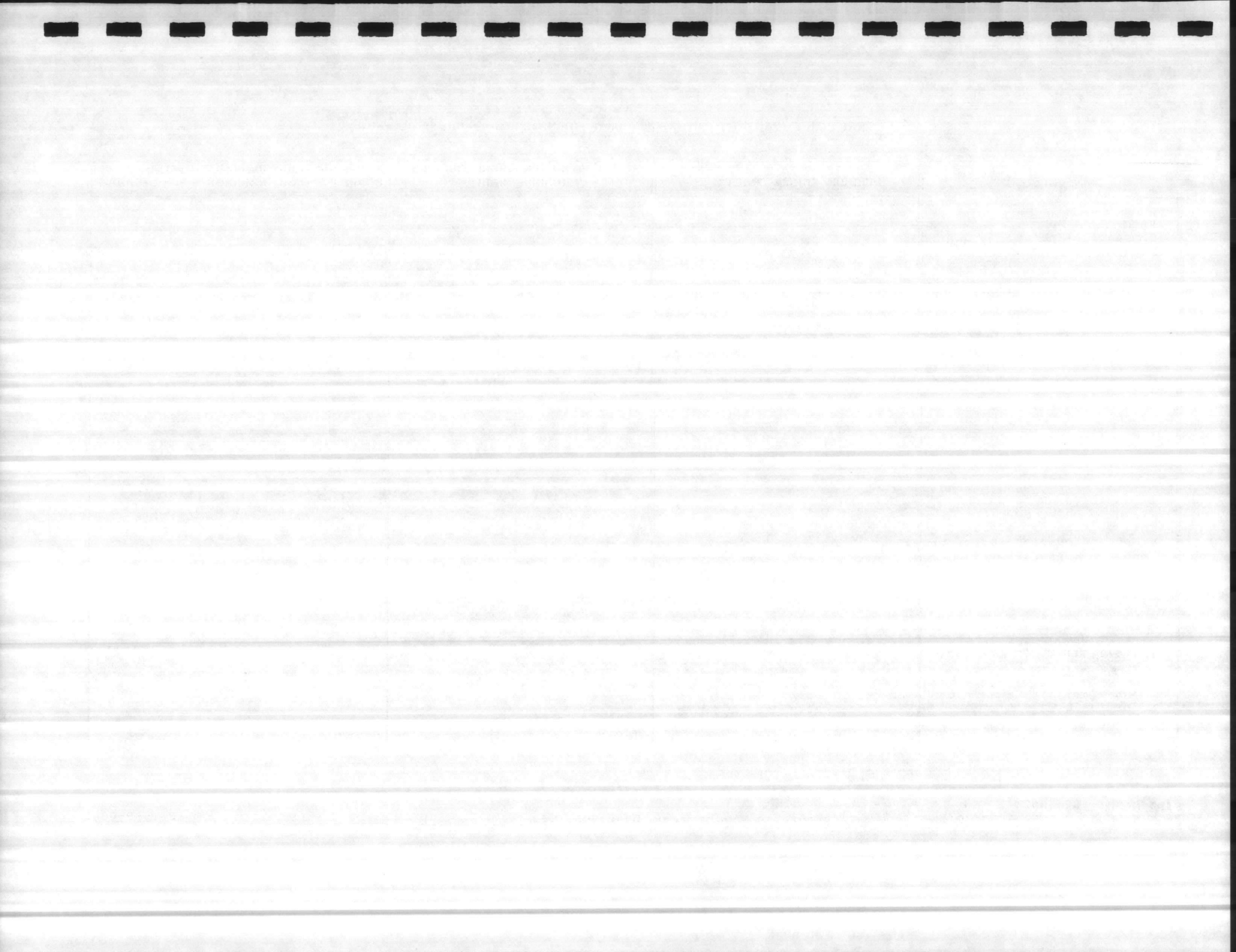
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.50-cal, M60, 7.62-mm coaxial, 25-mm cannon, 105-mm main tank gun, TOW, 60-mm illumination, 81-mm illumination, M40A1		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 75 Percentage Clay..... Percentage Swamp/Marsh..... 25 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





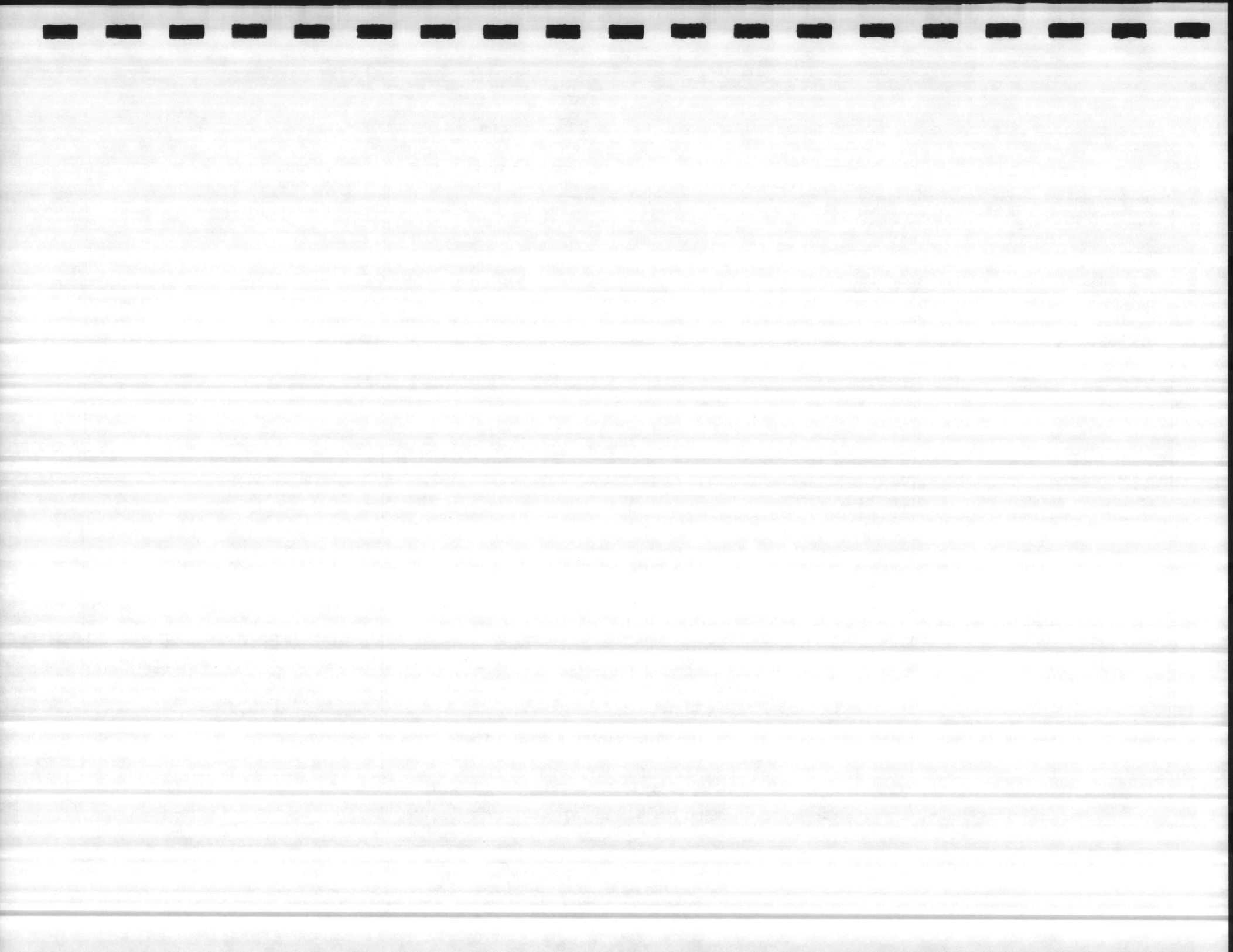
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	10 .....	.....	
Ammunition (km).....	7 .....	.....	
Rations (km).....	10 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	Undefined		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	340		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



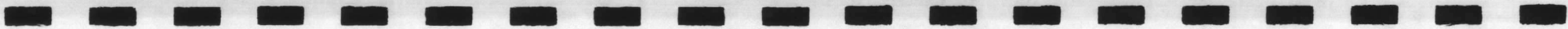
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	25 ..... 25 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	G-5, BT-3, Browns Tower, Highway 172		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes EOD sweep prior to use AIWW closed		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	Yes Aerial sweep prior to firing Towers manned		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Restricted air space R-5306D		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: BT-3 Bombing and Target Range, N-1 Impact Area, MCB, Camp Lejeune, NC  
 Bombing and Target Range/Impact Area

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	See Description (page 6 of 6)		
Primary Direction of Fire	360 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	See Coordinates (page 6 of 6)		
Safety Buffer			
Rear (km).....	NA		
Sides (km).....	NA		
Altitude (ft).....	To 17,999 ft; 399 sq km		
Number of Firing Points/ Stations	No specified firing positions. Firing lines associated with E-1, G-5, G-5A, G-6, G-7		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

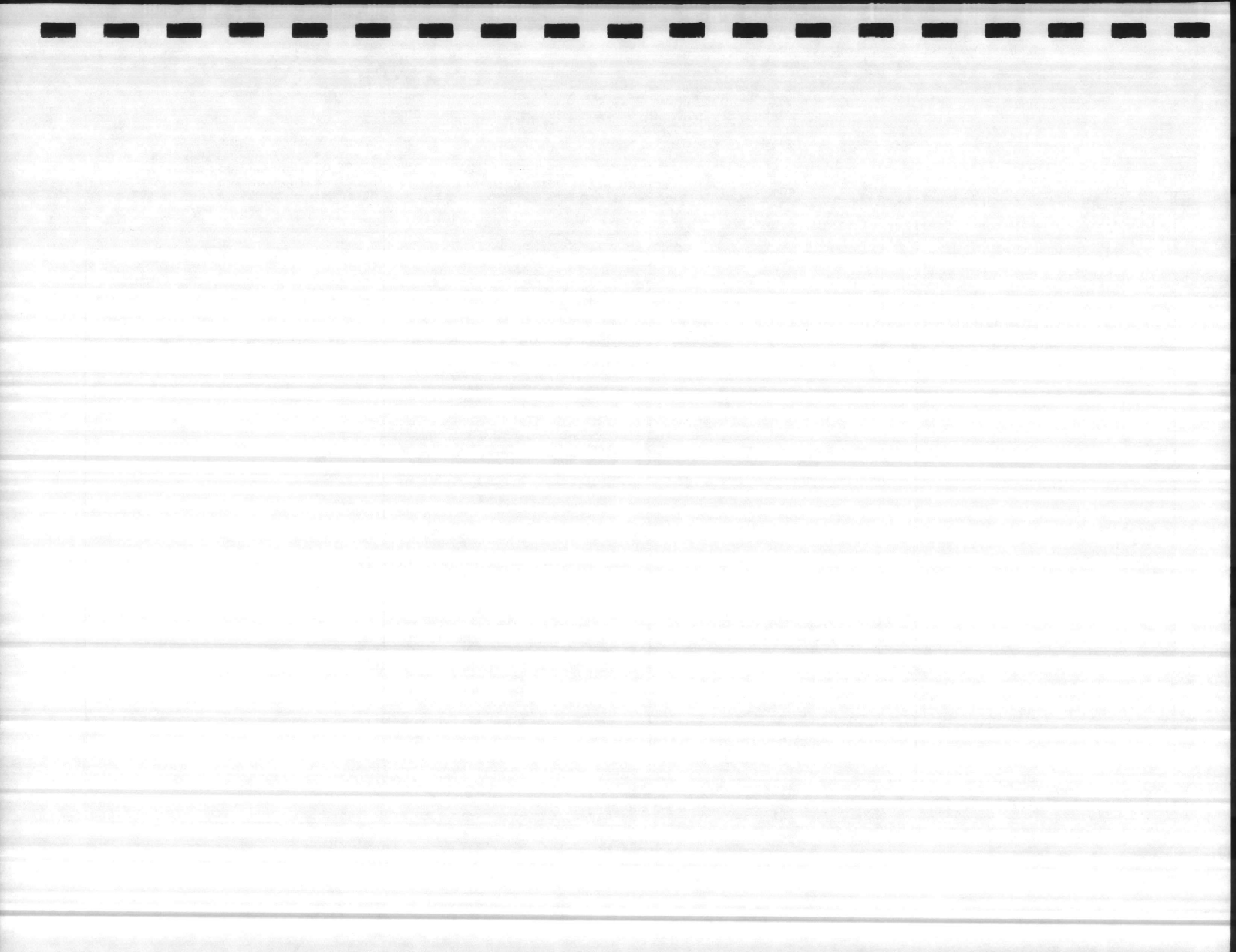
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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

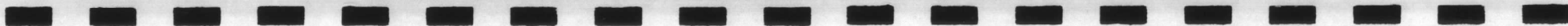
LFRTS-P-0001





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm main tank gun, 105-mm, 115-mm reduced charge, 8-in reduced charge, 60-mm, 81-mm, direct fire, indirect fire, CAS (250 lbs TNT equivalent), 25-mm cannon		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 5 Percentage Swamp..... 5 Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water..... 90		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 5 Percentage Clay..... Percentage Swamp/Marsh..... 5 Percentage Loamy..... Percentage Other..... 90		NOT APPLICABLE	NOT APPLICABLE



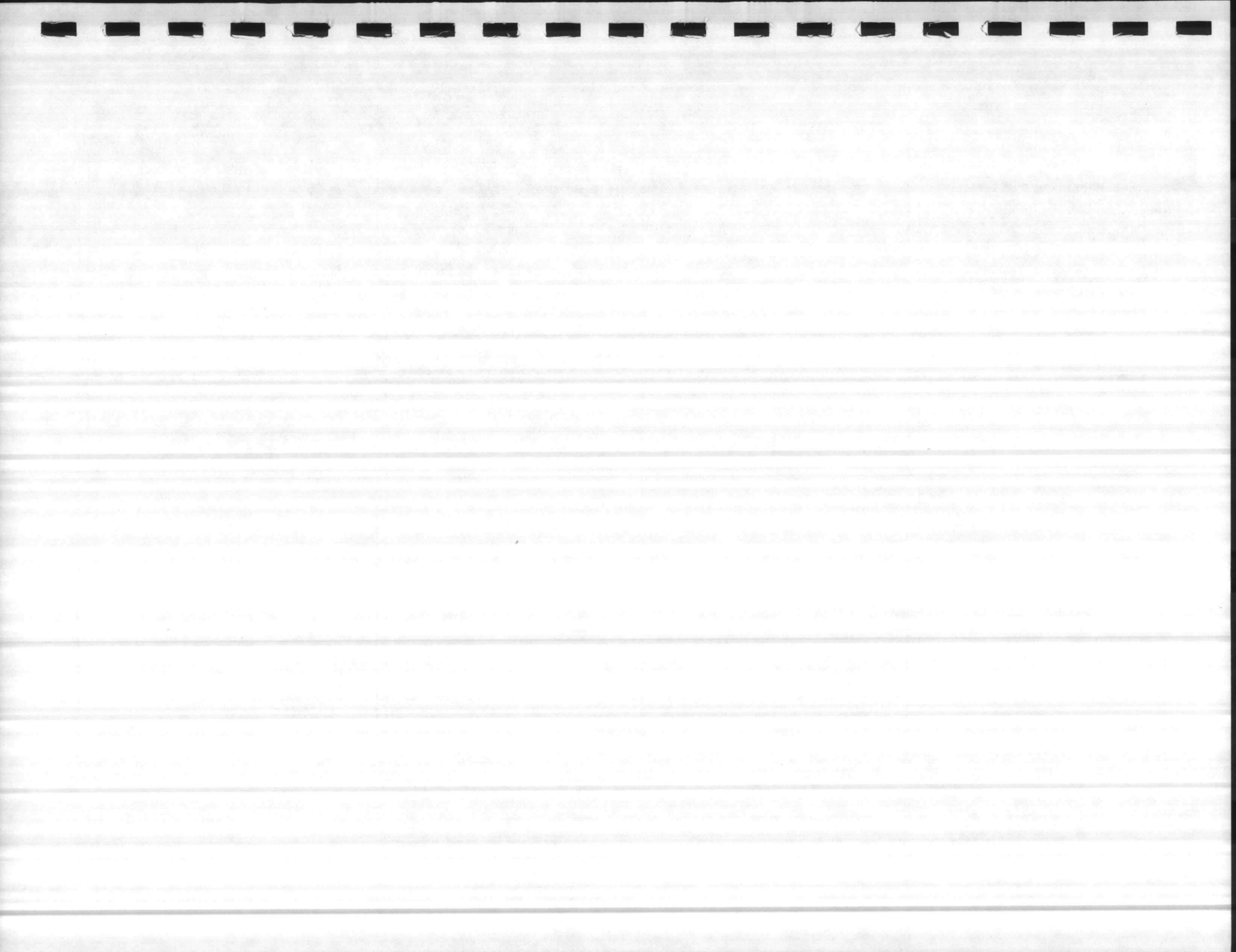
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	90	.....	
Percentage Sparse.....	10	.....	
Percentage Moderate.....		.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	16	.....	
No. of Land Water Routes...	1	.....	
No. of Air Ingress Routes...	1	.....	
No. of Air Egress Routes...	1	.....	
No. of Beach Access Areas...	1	.....	
Distance from Supply Points			
POL (km).....	11	.....	
Ammunition (km).....	8	.....	
Rations (km).....	11	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	NA	.....	
No. of Batteries.....	11 artillery*	.....	
No. of Crew-Served Wpns...	70 tanks	.....	
No. of Aircraft/Helos.....	45 fast-moving**	.....	
as Appropriate	*or 2 HAWK or 2 FAAD (STINGER) **or 22 helicopters		
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

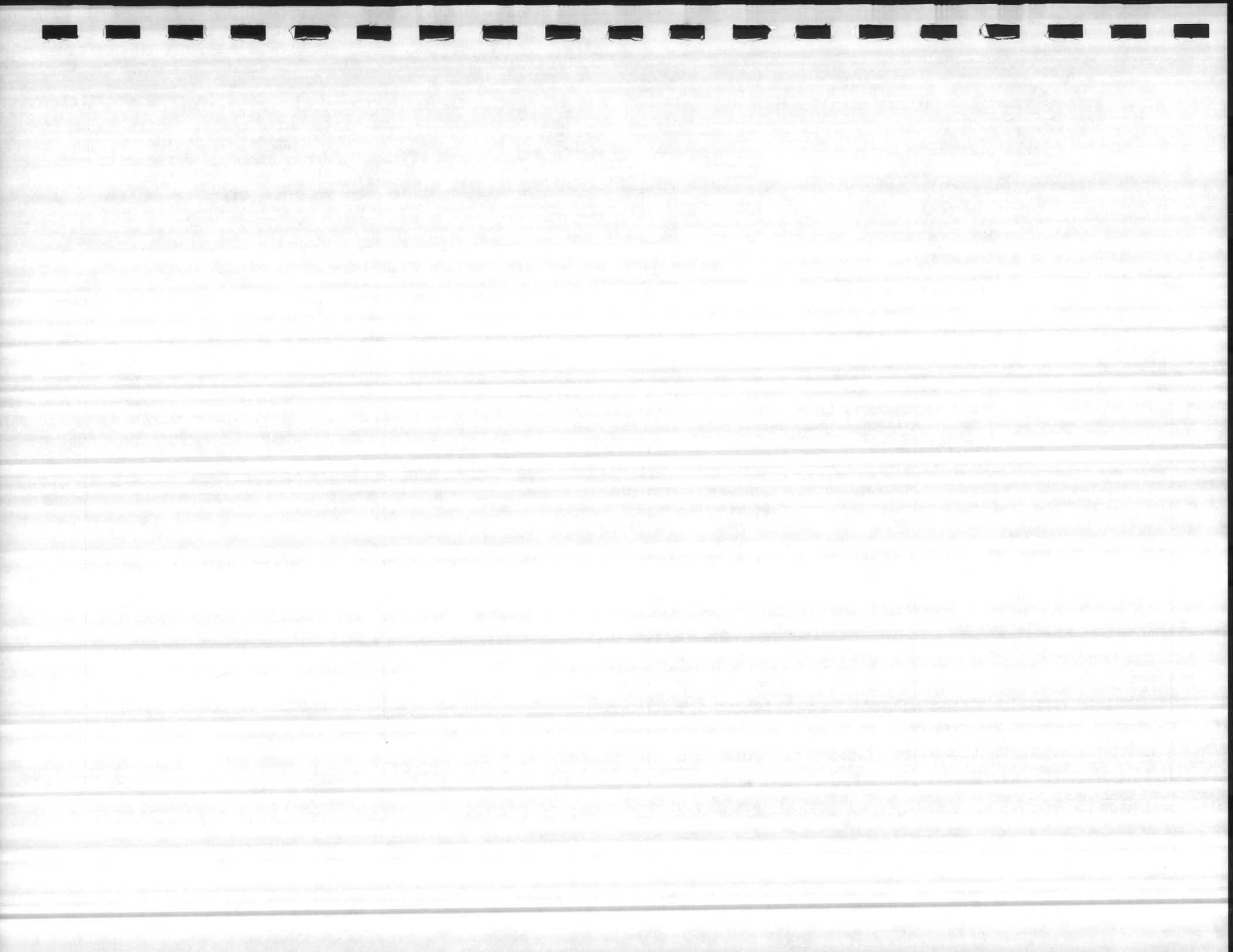
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Close AIWW		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Towers manned TOW missiles not normally fired because of guide wire hazard across inland water area		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Restricted air space R-5306D		
	Description (from page 1 of 6) Range is from Onslow north tower to northeast along the beach to Bear Inlet and seaward approximately 25,000 yds.  Coordinates (from page 1 of 6) BT-3 (N-1) Surface Danger Zone: 93342722 to 93352876 to 94253150 to 97143405 to 97773377 to 98103370 to 98503310 to 98503300 to 99003269 to 99653235 to 00953167 to 96352929 to 96062900 to 94592811 to 93342722 BT-3 (N-1) Impact Area: 94282892 to 94873067 to 97163285 to 97653255 to 98683189 to 99133167 to 96113012 to 95782995 to 95542971 to 94282892		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-7 Tank and LAV Gunnery Range, MCB, Camp Lejeune, NC  
 Tank and LAV Gunnery Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

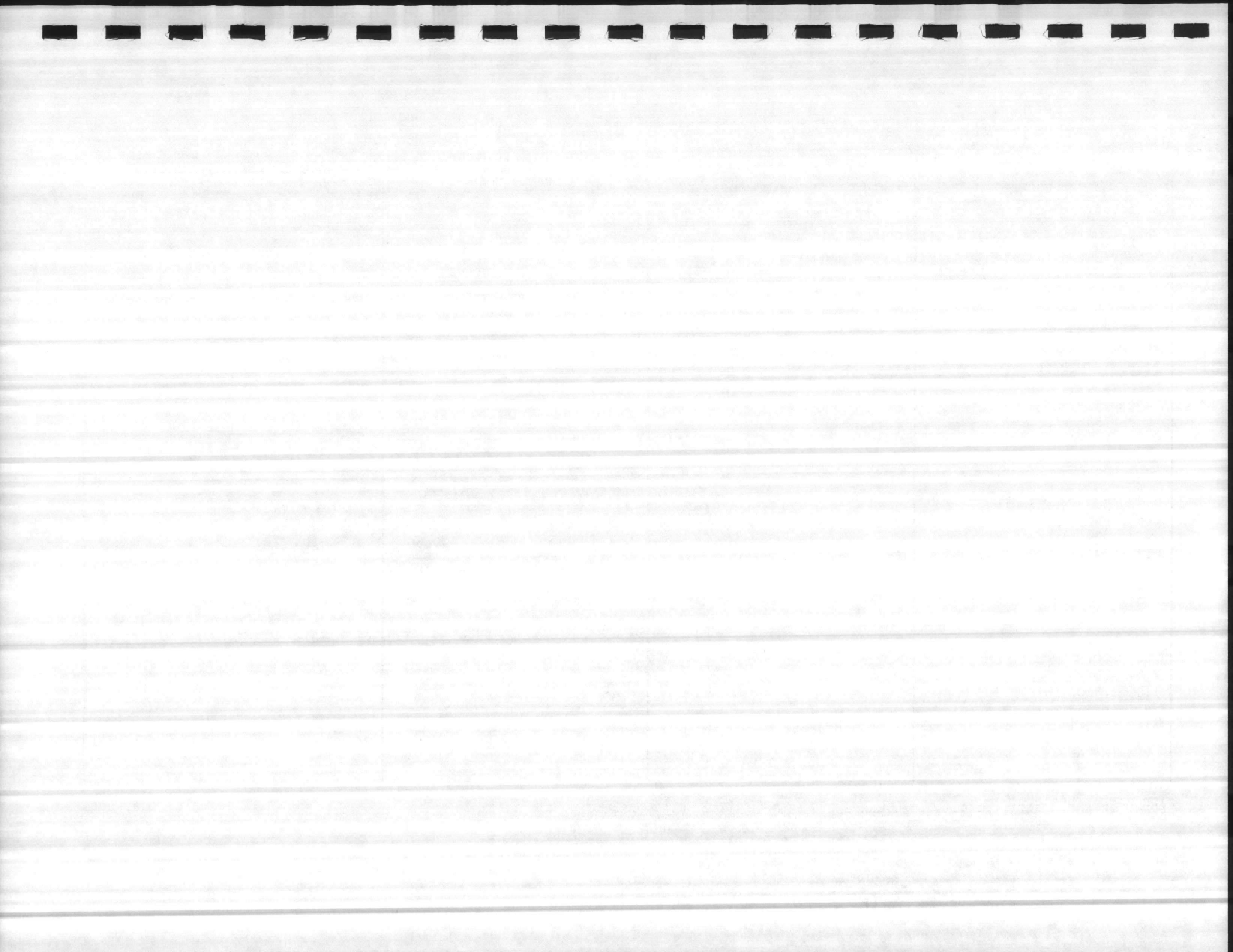
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.4 X 1.25		
Primary Direction of Fire	2598 MILS/146 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP959342		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	Up to 15 tanks can fire simultaneously		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X   X		

FILE NAME: LP010026

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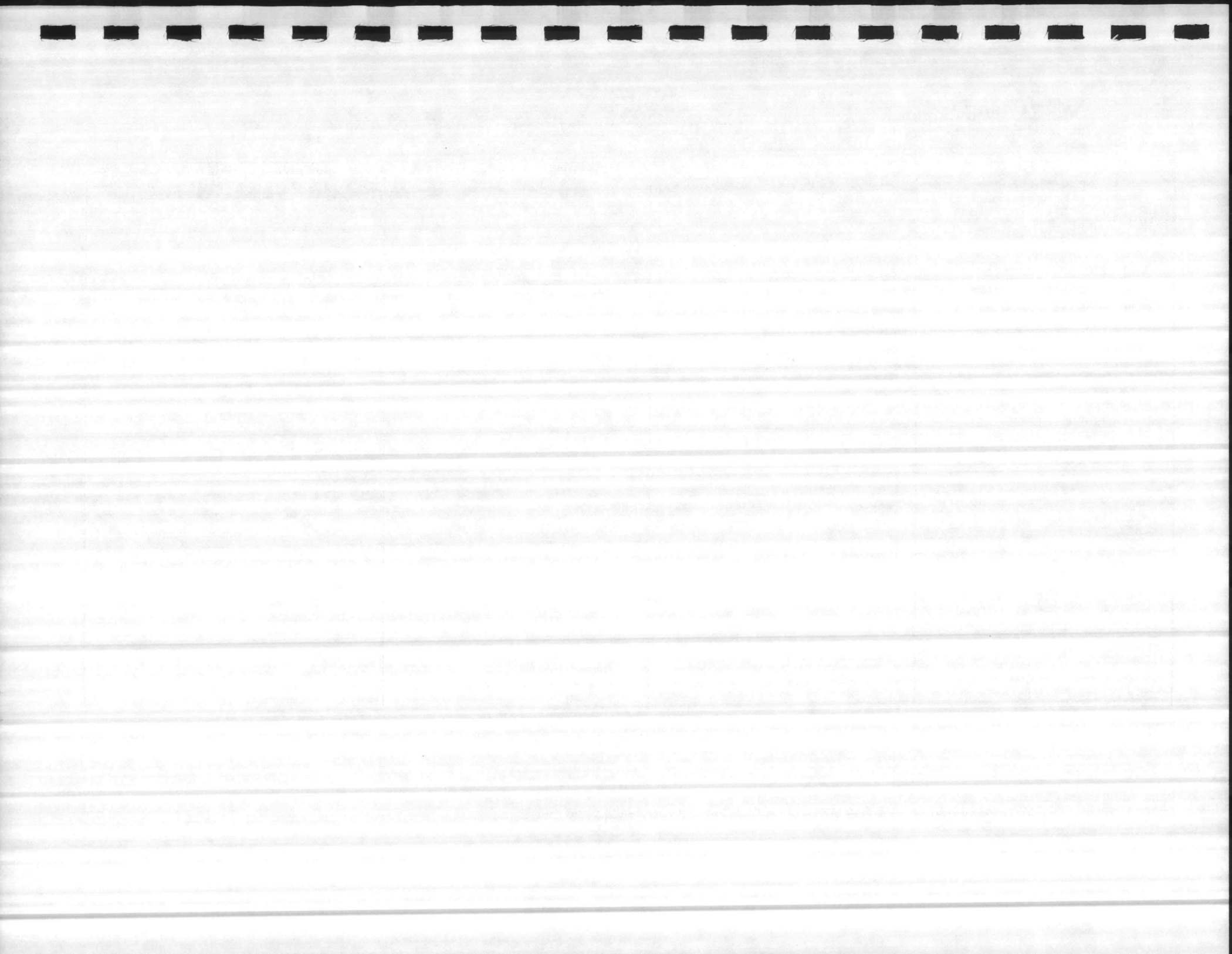
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... NA Scoring..... Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M60, .50-cal, 25-mm cannon, 7.62-mm coaxial, 105-mm main tank gun, 105-mm direct fire, 155-mm/8-in direct fire, 60-mm illumination, 81-mm illumination, MK19, M40A1		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	100		
Percentage Swamp.....			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	75		
Percentage Clay.....			
Percentage Swamp/Marsh.....	25		
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....			

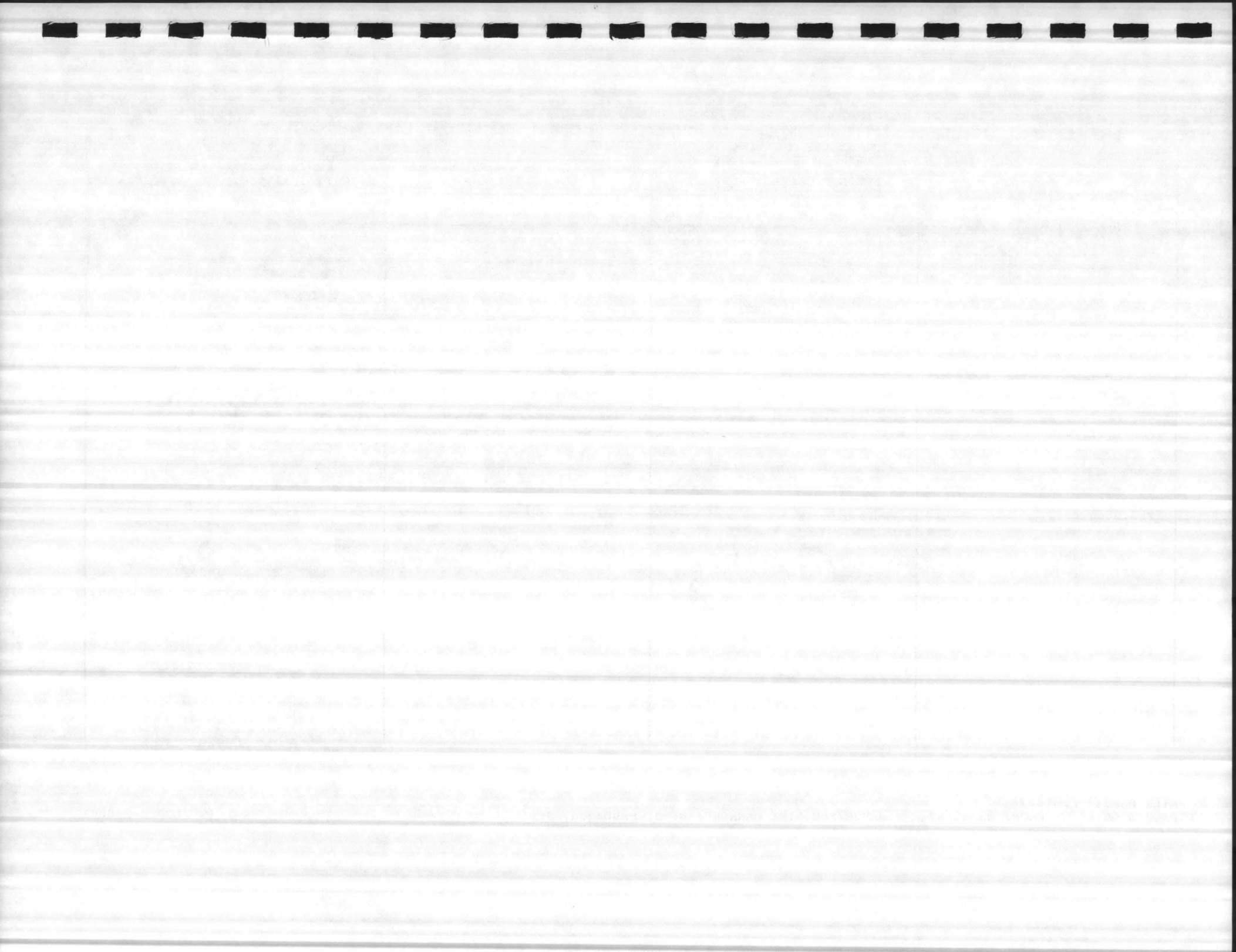
LATER RANGE/FACILITY INVENTORY DATA FORM (LRFB-2-0001) (CONTINUED)

DATA ELEMENT	PRESERVE CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIGNED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Percentage Heavy.....	.....	.....	.....
Percentage Moderate.....	.....	.....	.....
Percentage Sparse.....	.....	.....	.....
Percentage None.....	.....	.....	.....
Vegetation	.....	.....	.....
No. of Beach Access Areas.....	.....	.....	.....
No. of Air Access Routes.....	.....	.....	.....
No. of All Access Routes.....	.....	.....	.....
No. of Land Access Routes.....	.....	.....	.....
Access	.....	.....	.....
Distance from Supply Point	.....	.....	.....
POP (km).....	.....	.....	.....
POP (mi).....	.....	.....	.....
Area (km <sup>2</sup> ).....	.....	.....	.....
Area (mi <sup>2</sup> ).....	.....	.....	.....
Unit Capacity of an 8-Hour Training Day, Specified	.....	.....	.....
Unit of Measure, e.g., No. of Individuals.....	.....	.....	.....
No. of Batteries.....	.....	.....	.....
No. of Crew-Berth Spaces.....	.....	.....	.....
No. of Personnel.....	.....	.....	.....
as Applicable	.....	.....	.....
Number of days per Year the Range/Facility is Available	.....	.....	.....
Is Range/Facility Capable of Nighttime Use?	.....	.....	.....



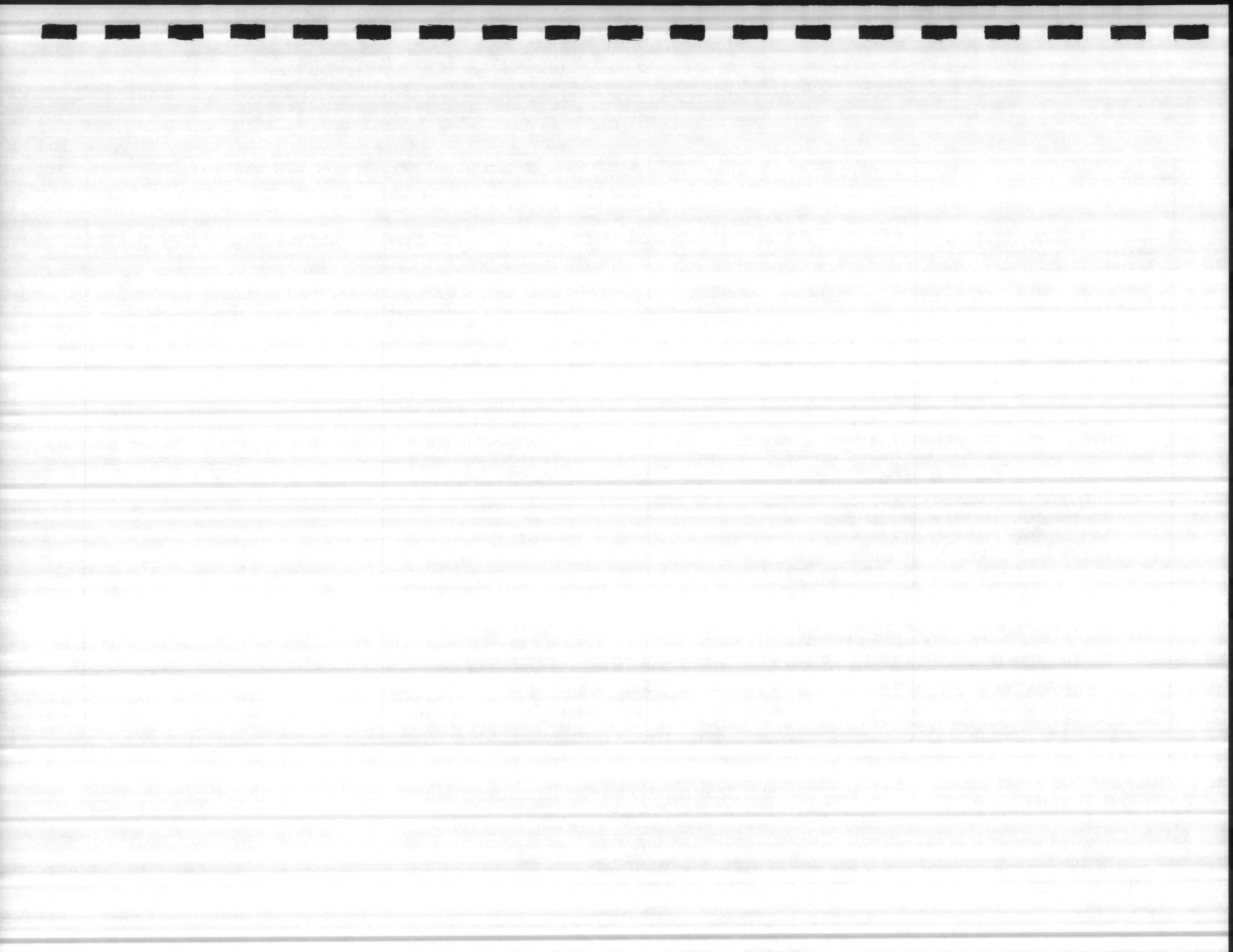
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	10 .....	.....	
Ammunition (km).....	7 .....	.....	
Rations (km).....	10 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	Undefined		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	345		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



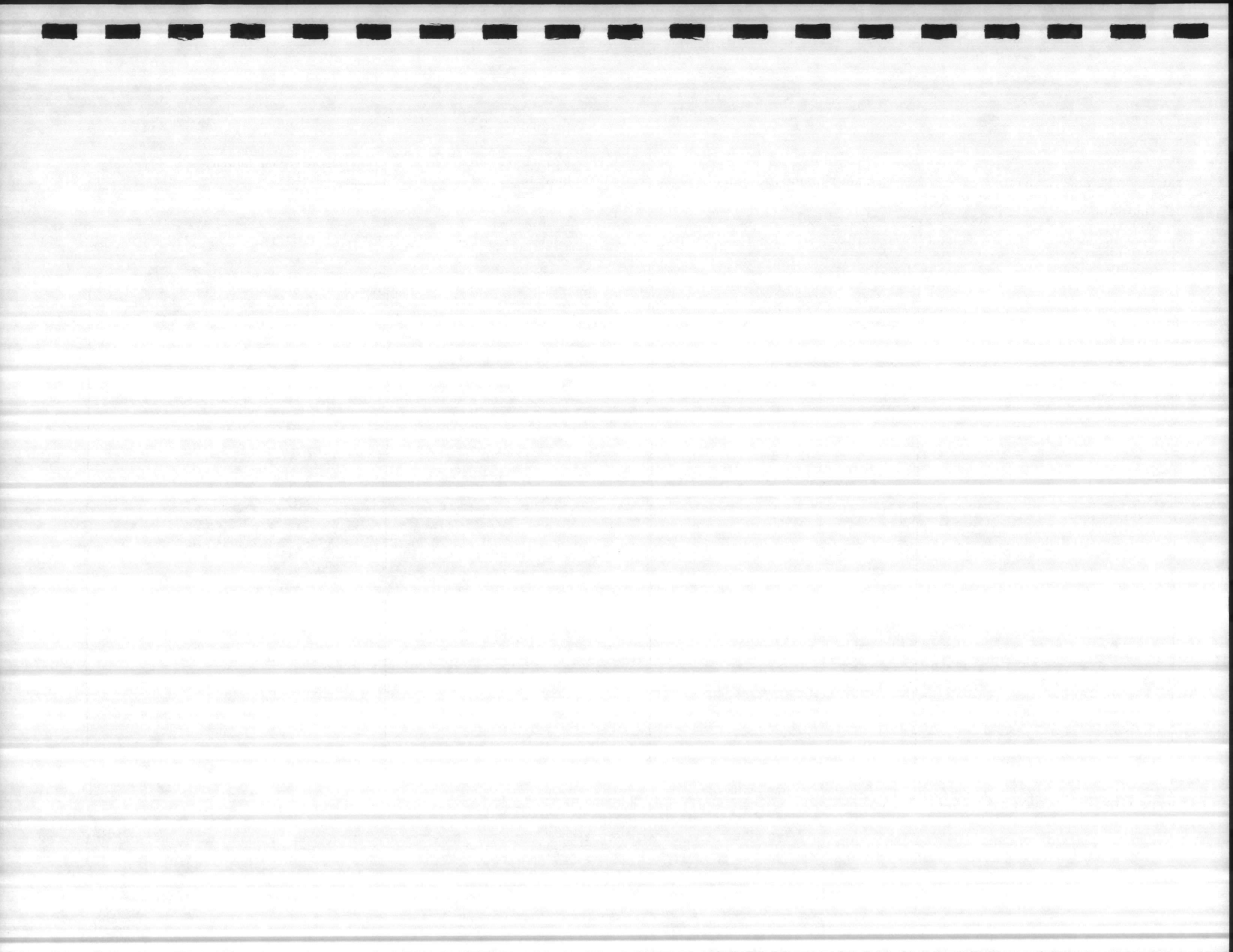
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
<b>Non-availability per Year</b> Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	20 ..... 20 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	BT-3, Browns Tower		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes AIWW closed		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	Yes Aerial sweep prior to firing Towers manned		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Restricted air space R-5306D		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-8 M203 Grenade Launcher Range, MCB, Camp Lejeune, NC  
 M203 Grenade Launcher Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

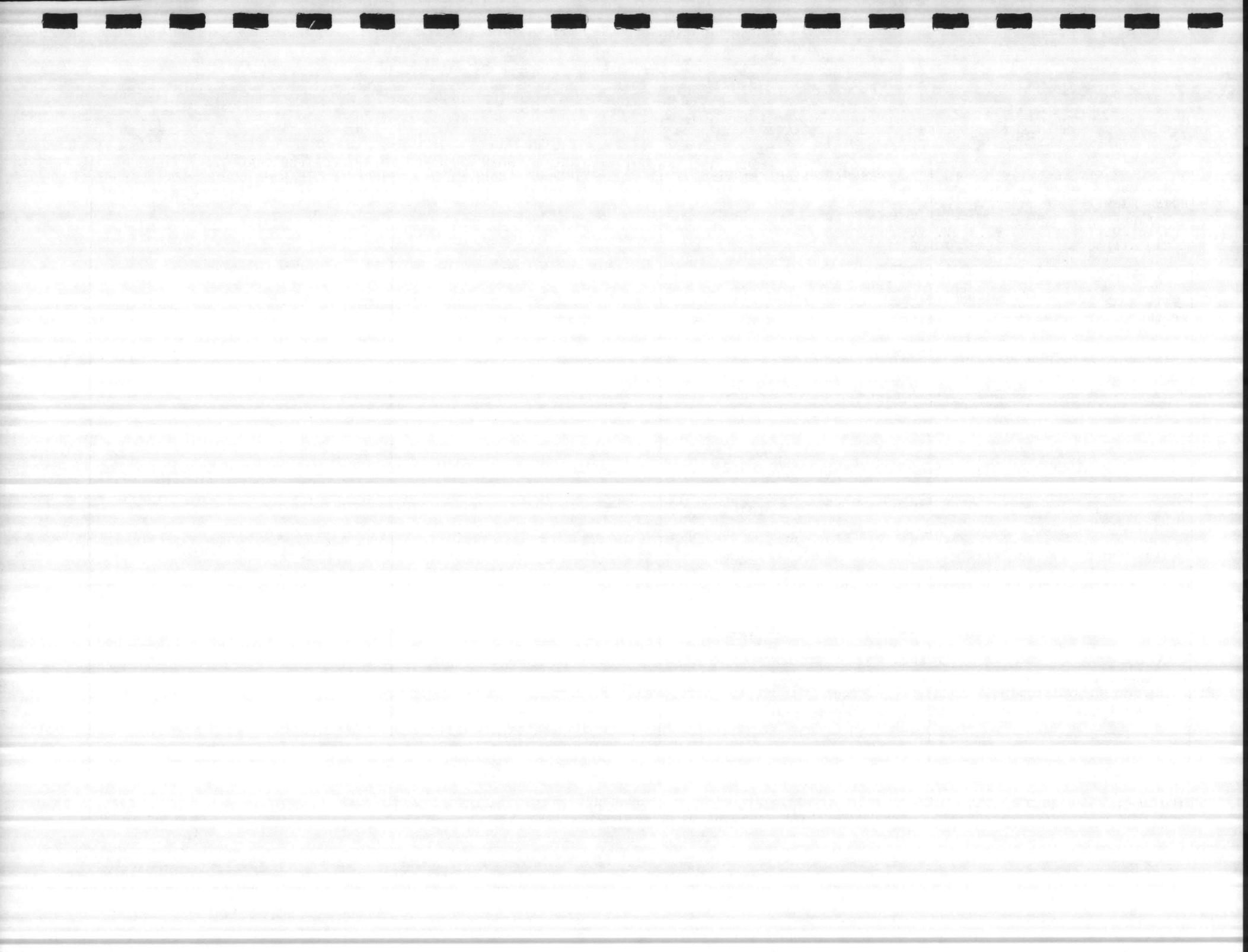
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.65 X 1.1		
Primary Direction of Fire	2914 MILS/164 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP901373		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	20		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010027

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M203		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	2 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	6 .....	.....	
Ammunition (km).....	5 .....	.....	
Rations (km).....	6 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	300 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		

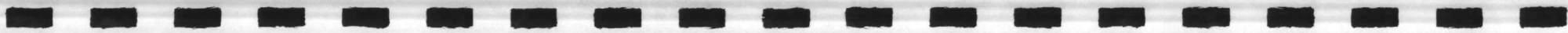
FILE NAME: LP010027

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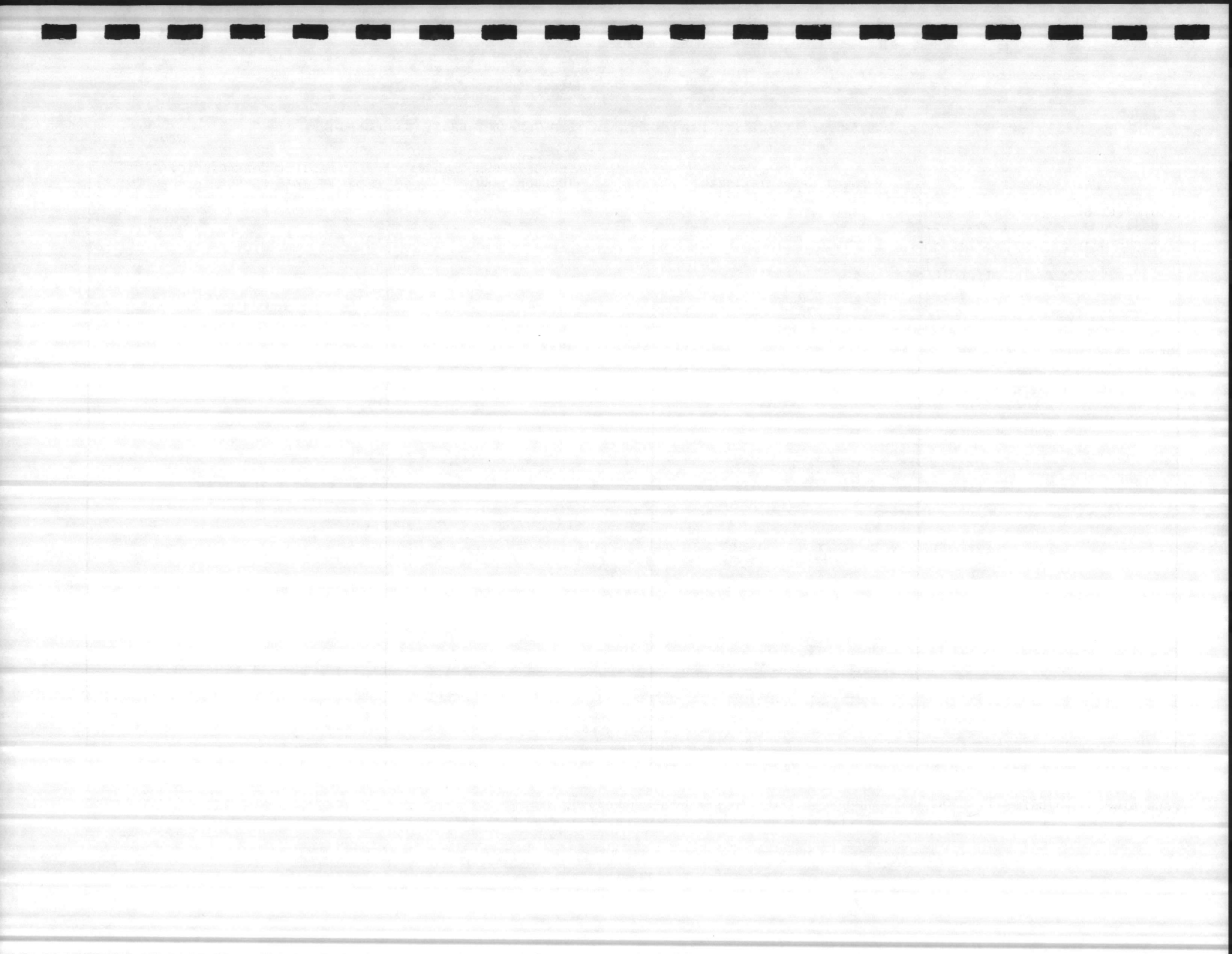
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No downrange movement		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

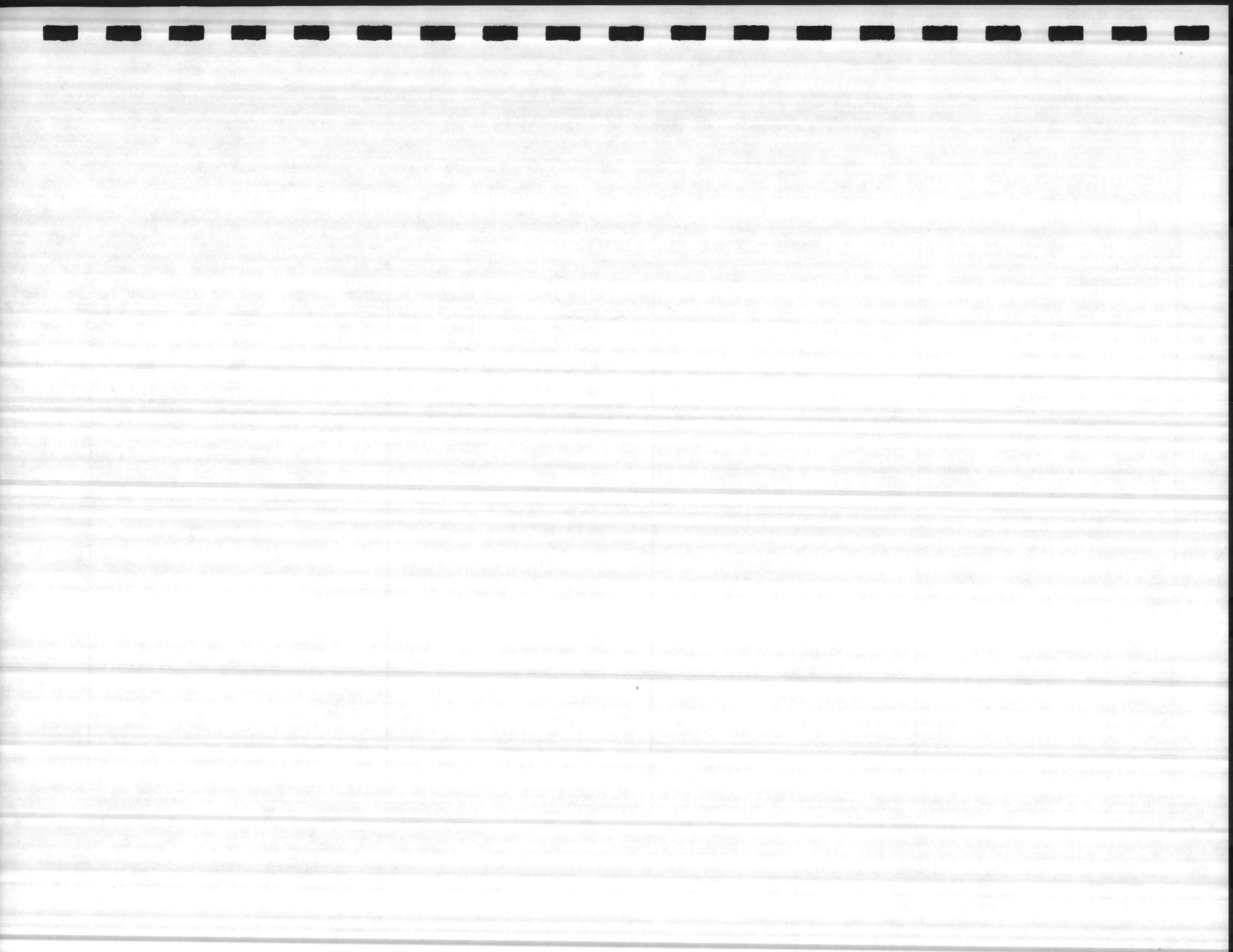
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010027

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-9 LAW and SMAW Range, MCB, Camp Lejeune, NC  
 LAW and SMAW Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.8 X 1.38		
Primary Direction of Fire	2853 MILS/161 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP903374		
Safety Buffer Rear (km).....	60 m to 80 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	20		
Range Facilities Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010028

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



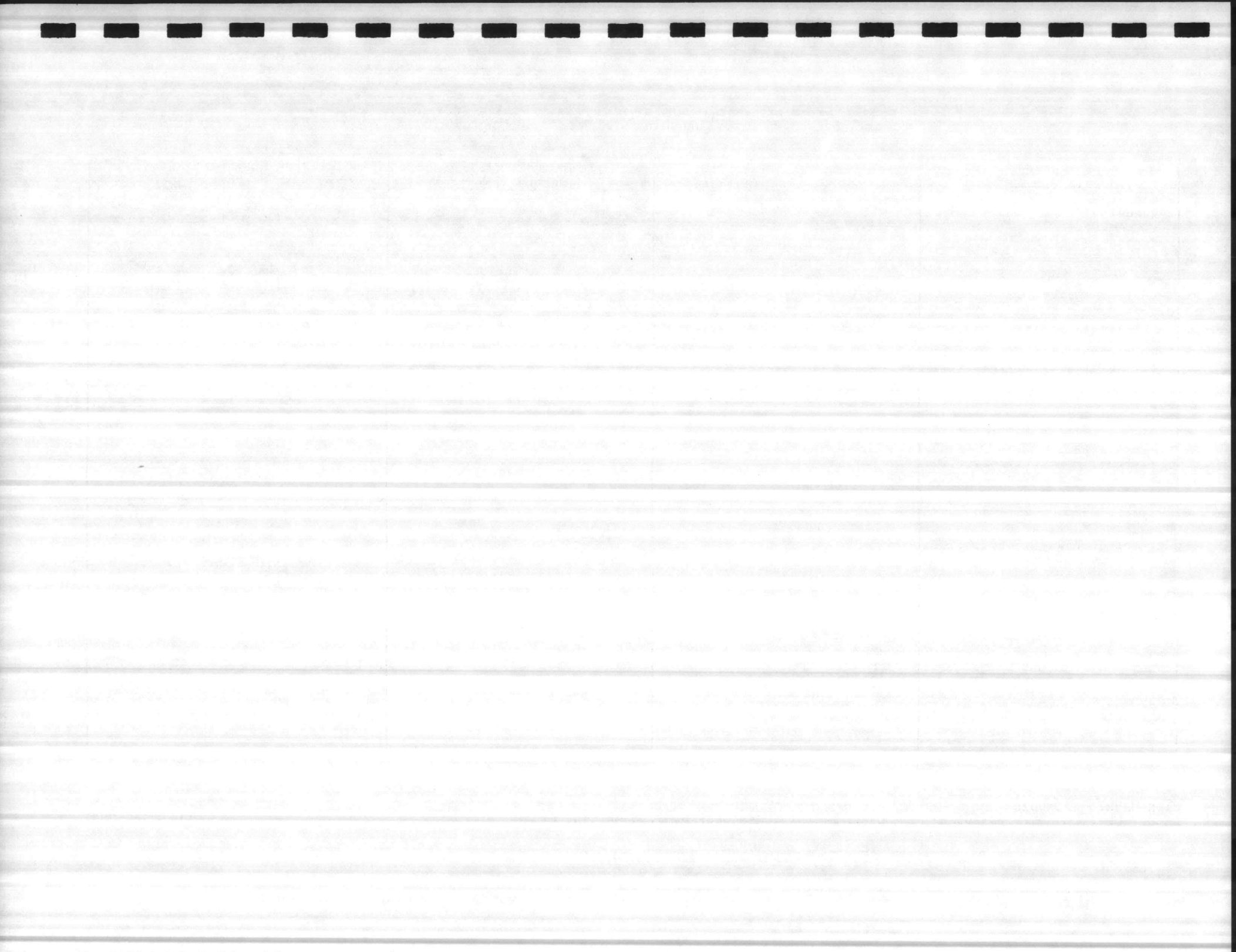
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

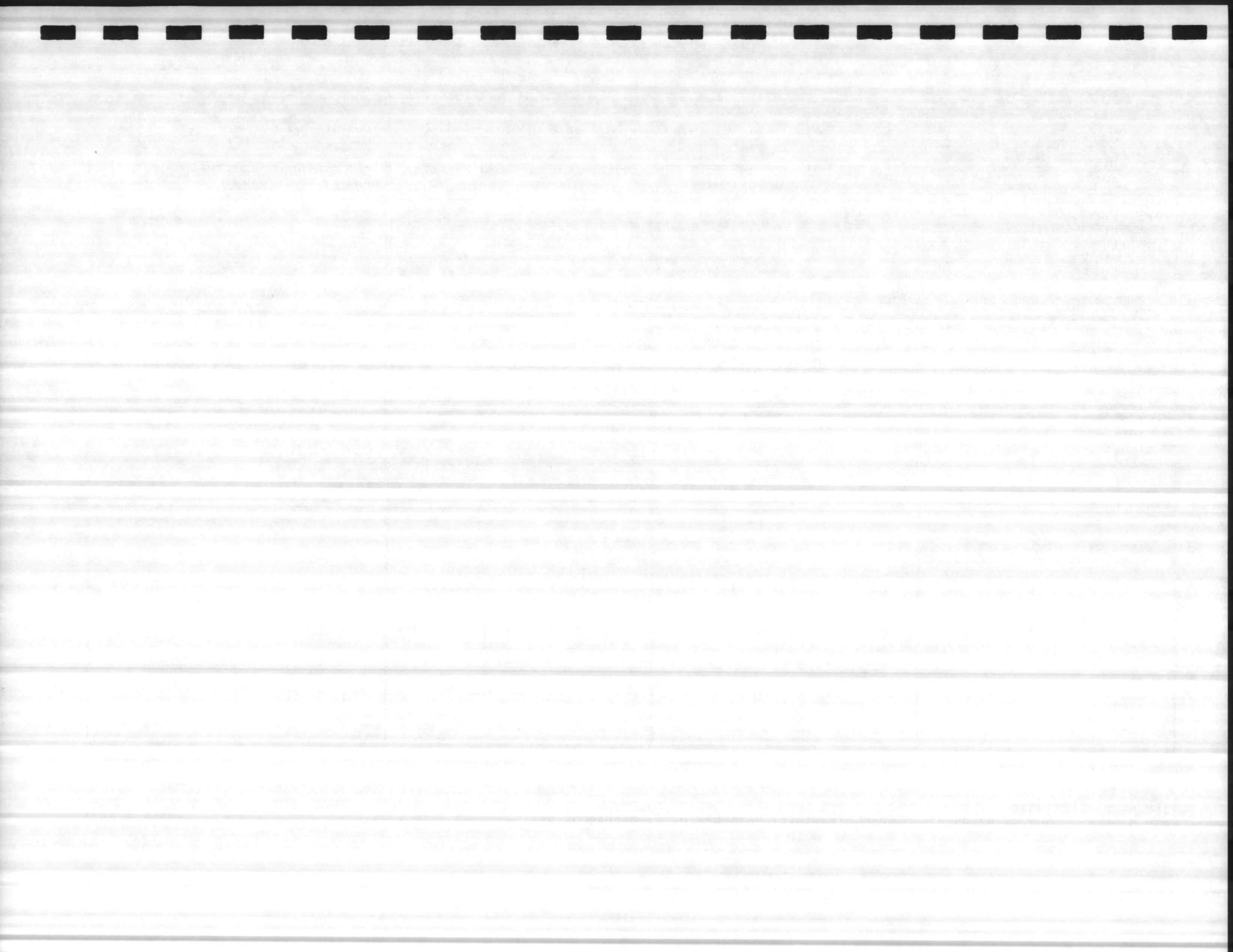
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	SMAW, M72 LAW, M73 LAW		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





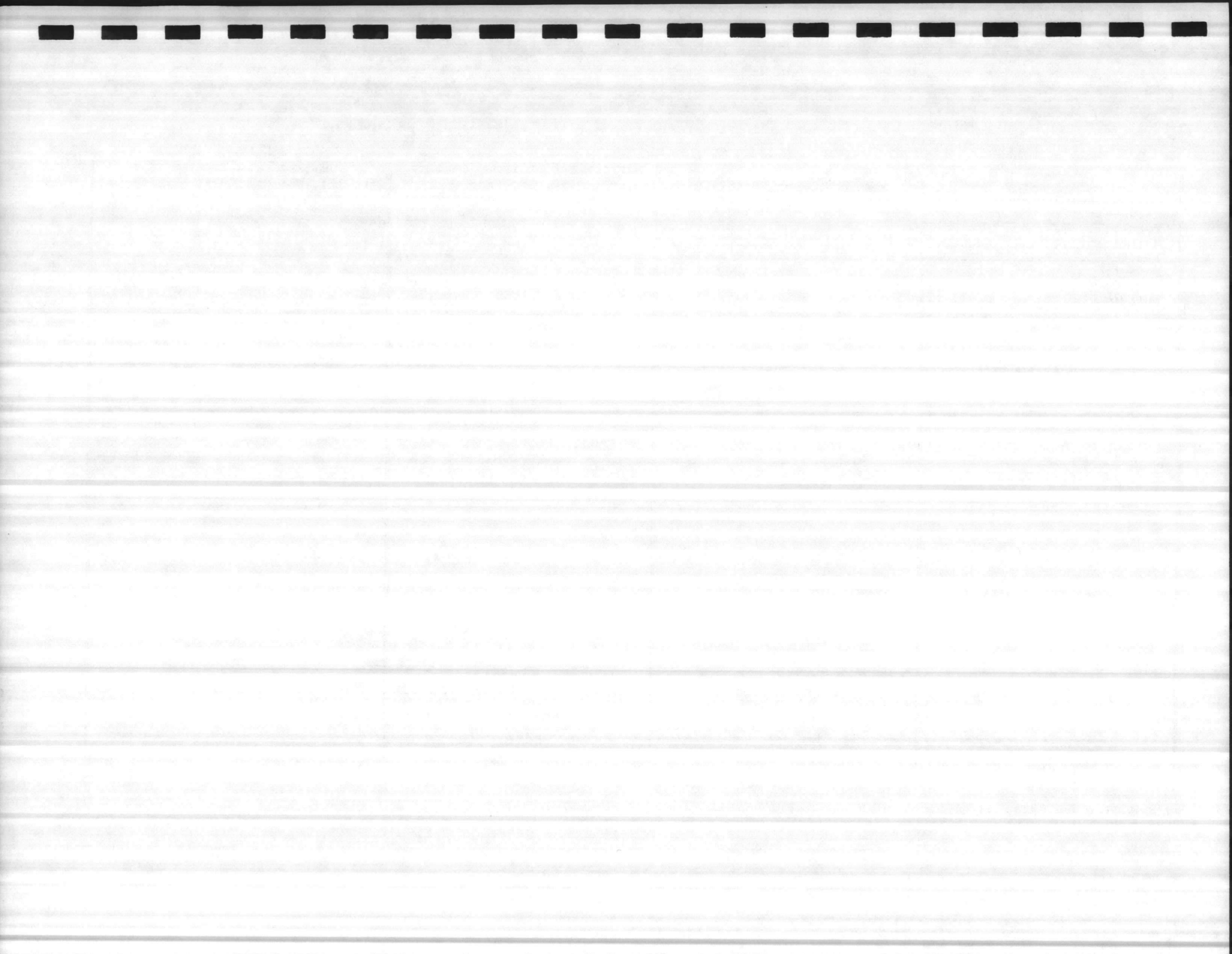
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	6 5 6		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	300		
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



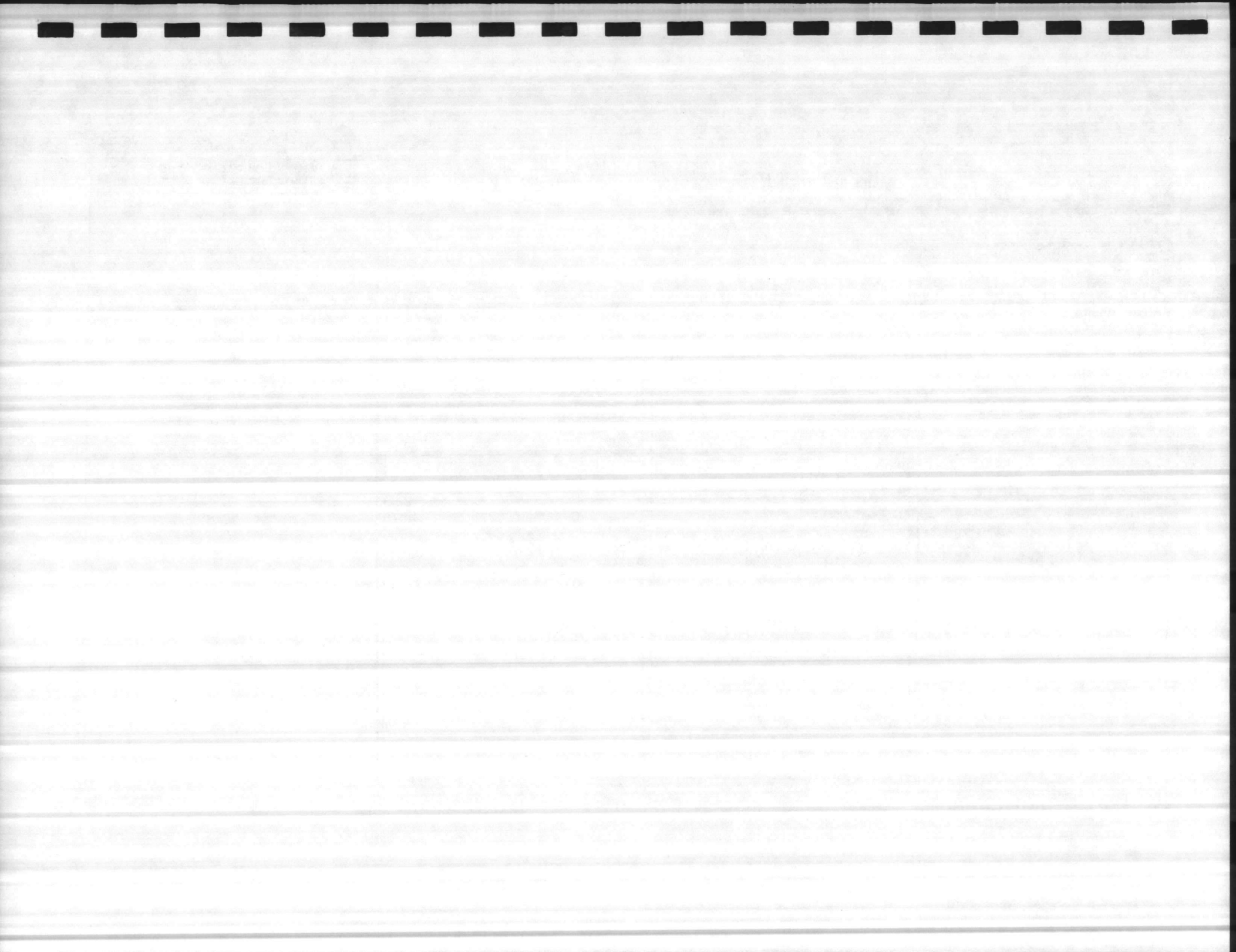
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-10 Bombing and Target Range, MCB, Camp Lejeune, NC  
 Bombing and Target Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Associated Air Space Coordinates	4 X 1.9 impact 2 X 21 secondary impact NA To 17,999 ft; 399 sq km TP8936 to TP9535 to TP9433 to TP9032	Range expansion on hold pending submission of preliminary environmental assessment (PEA)	
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	50 m to 150 m		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....			

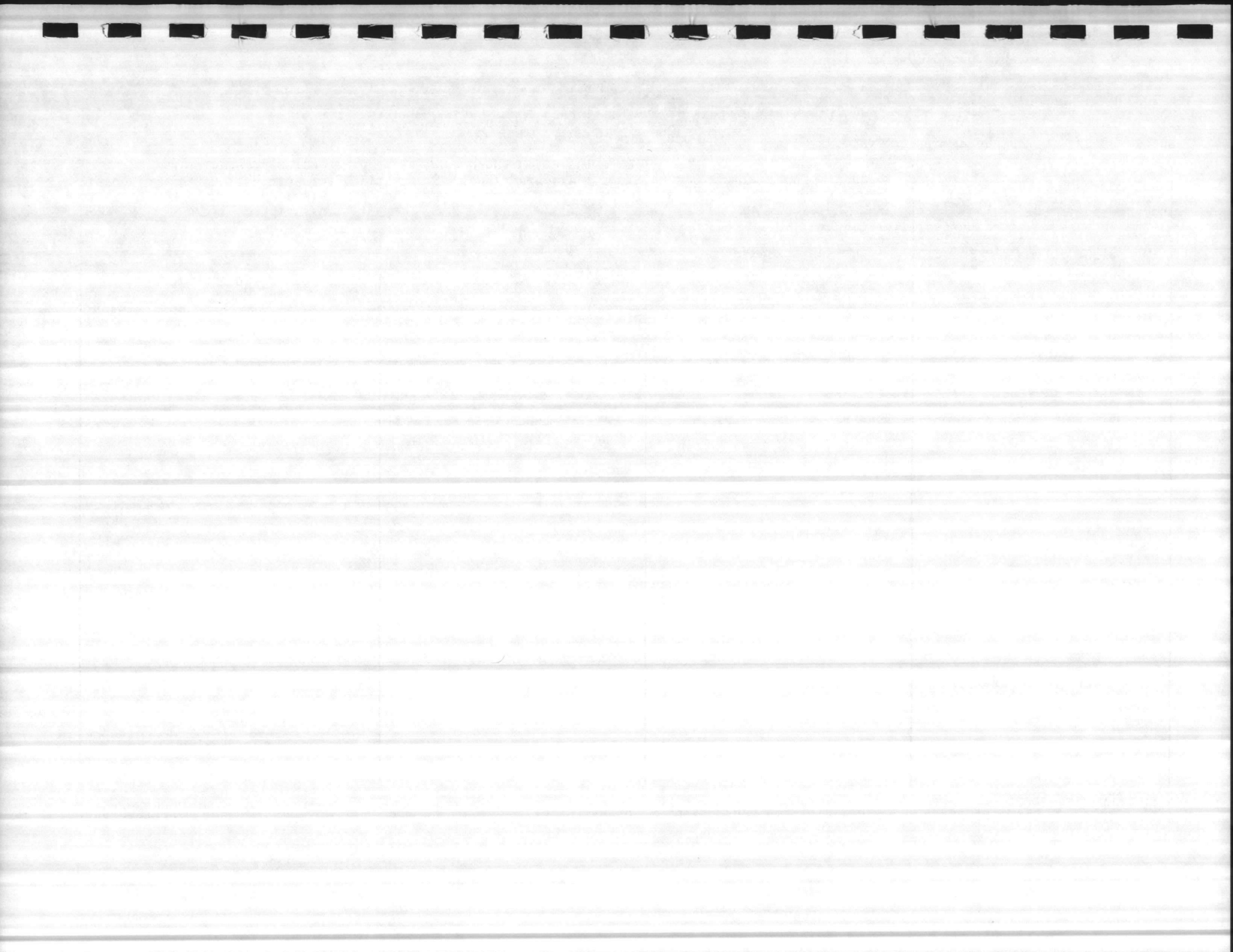
FILE NAME: LP010029

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

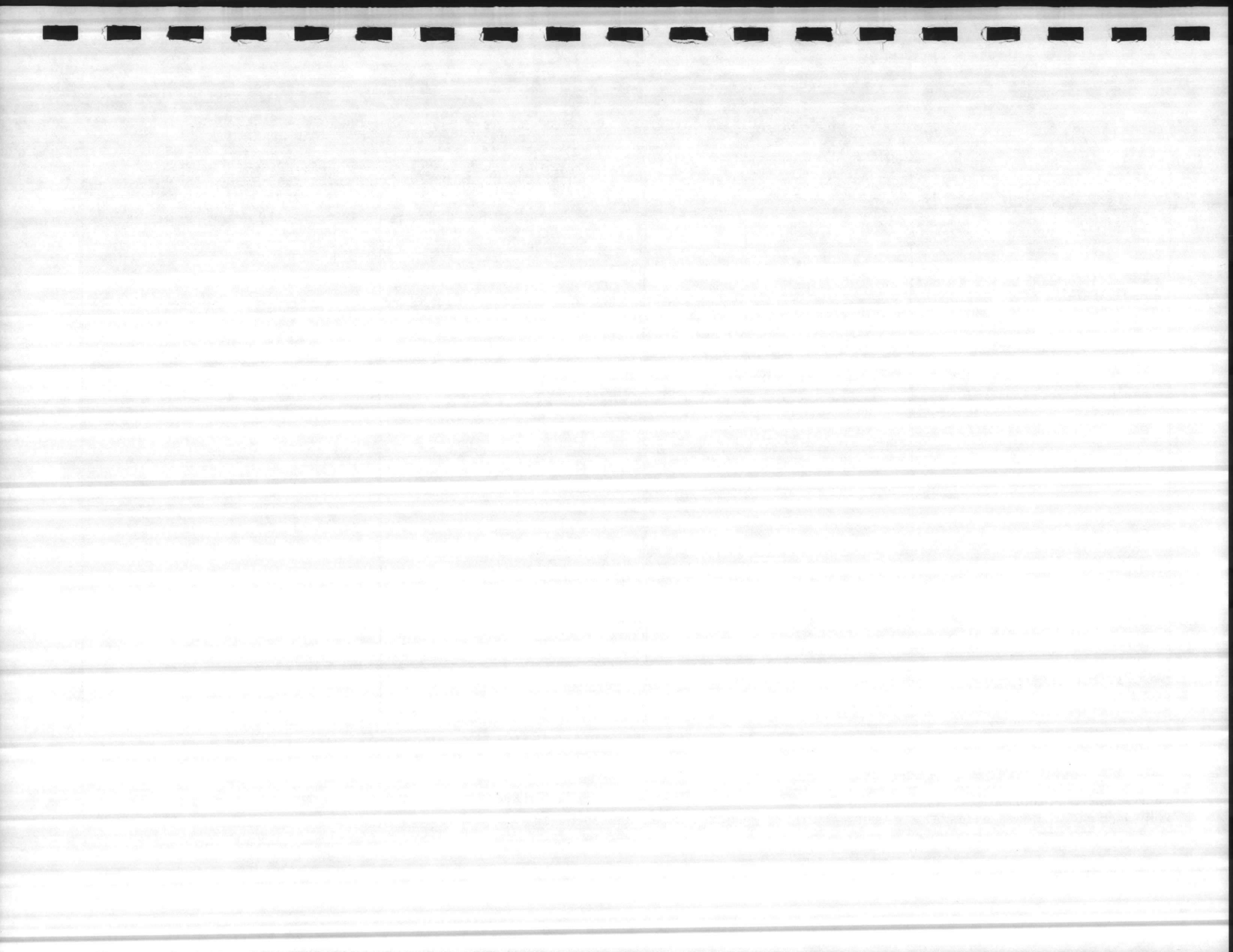
LFRTS-P-0001





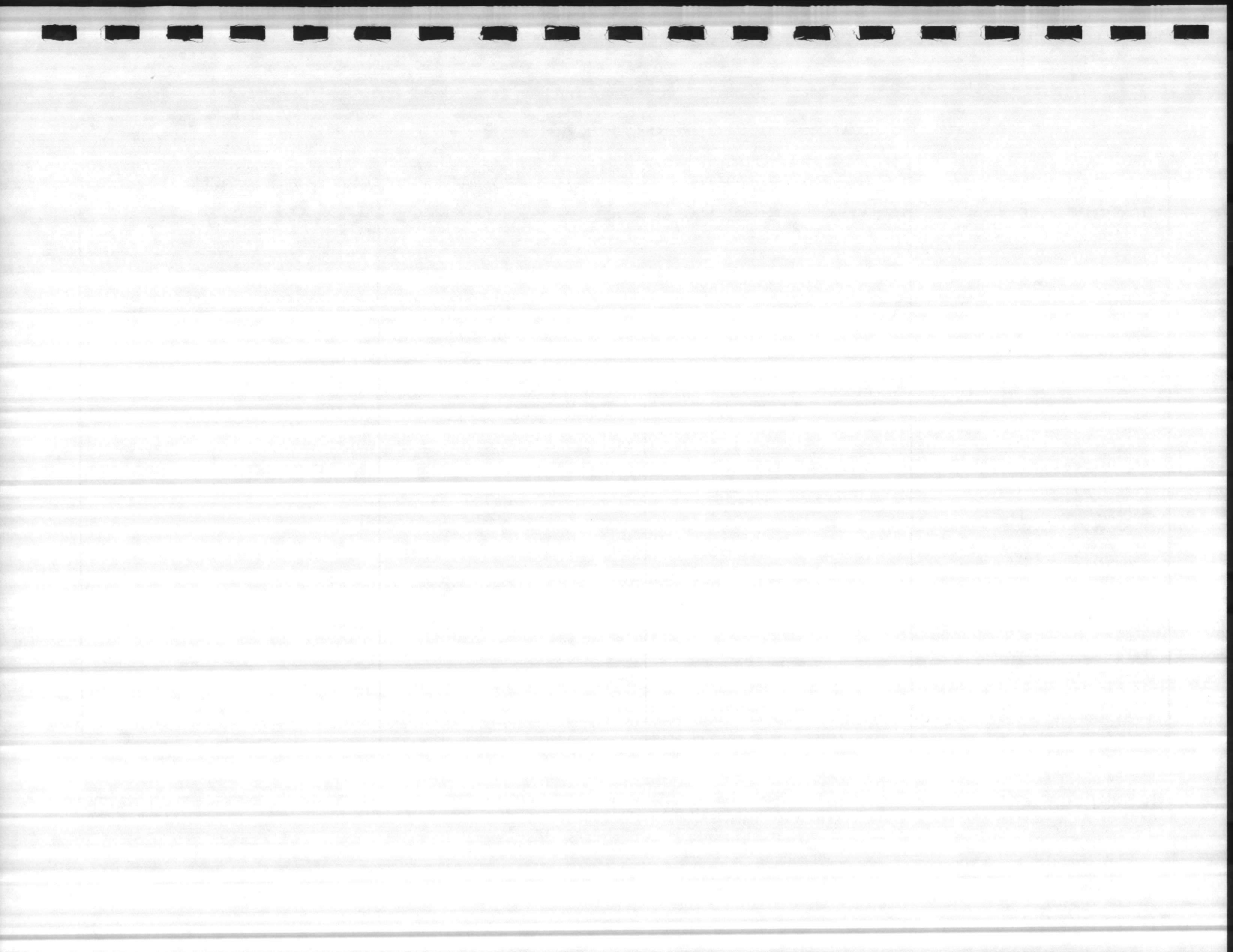
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	X Dive Angle: FWA - 20 degrees or greater RWA - 20 degrees or greater		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



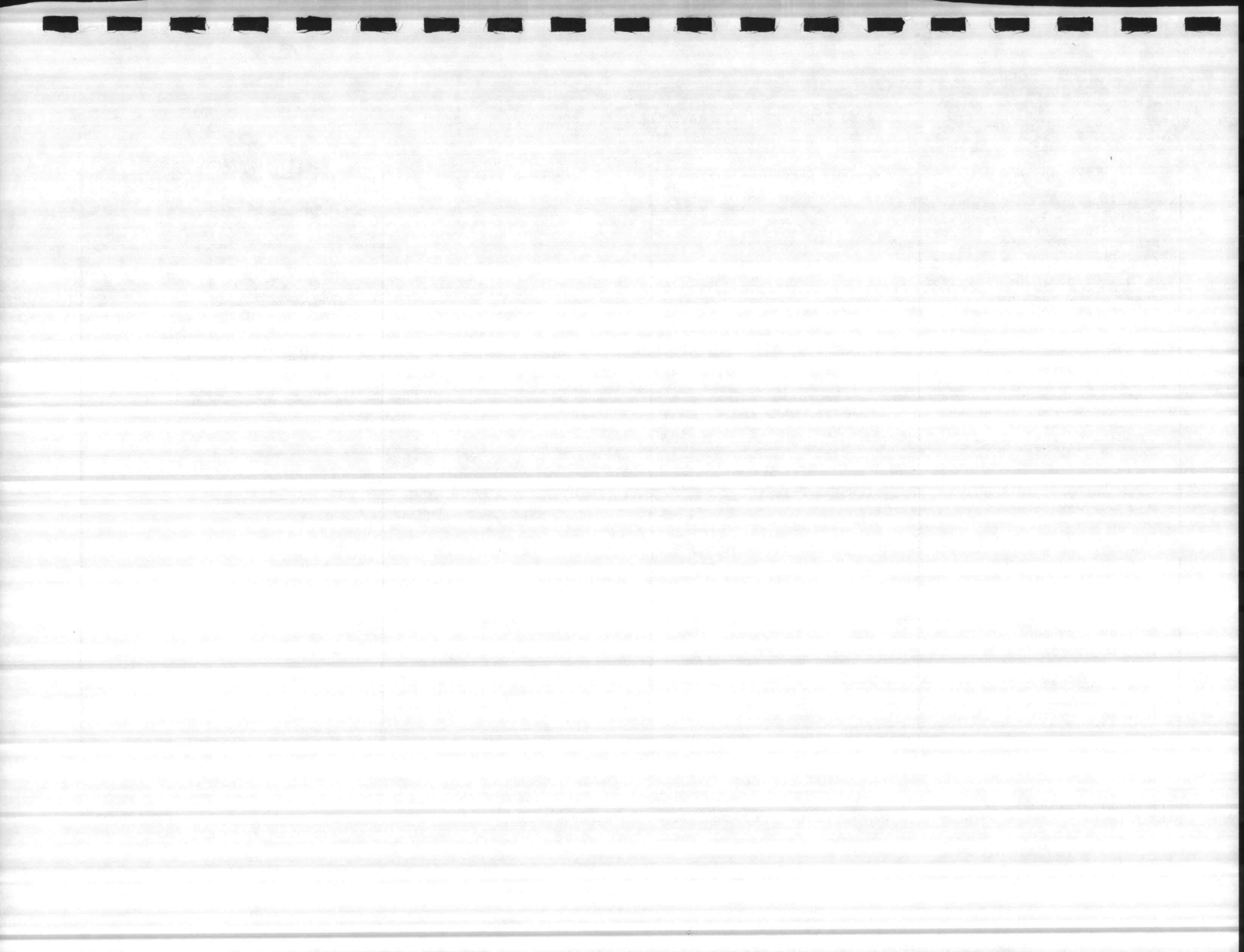
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	TOW, Dragon, indirect fire, CAS (250 lbs TNT equivalent)		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 75 Percentage Clay..... Percentage Swamp/Marsh..... 25 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



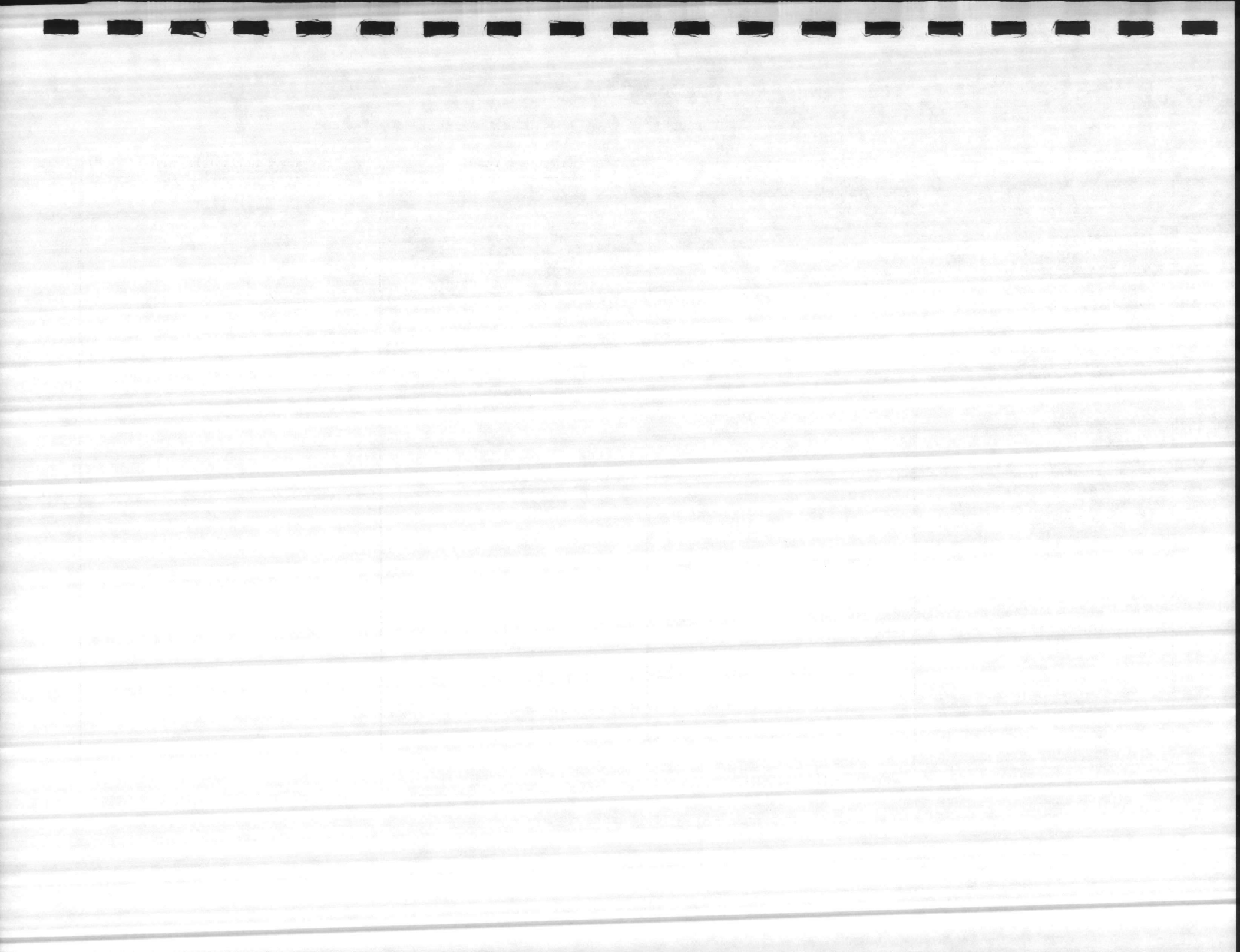
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	21 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	1 .....	.....	
No. of Air Egress Routes....	1 .....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	7 .....	.....	
Ammunition (km).....	2000 m .....	.....	
Rations (km).....	7 .....	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,	Unlimited; mortars		
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	Undefined 0 ..... 0 ..... ..... ..... ..... ..... .....	0 ..... 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Restricted air space R-5306D		

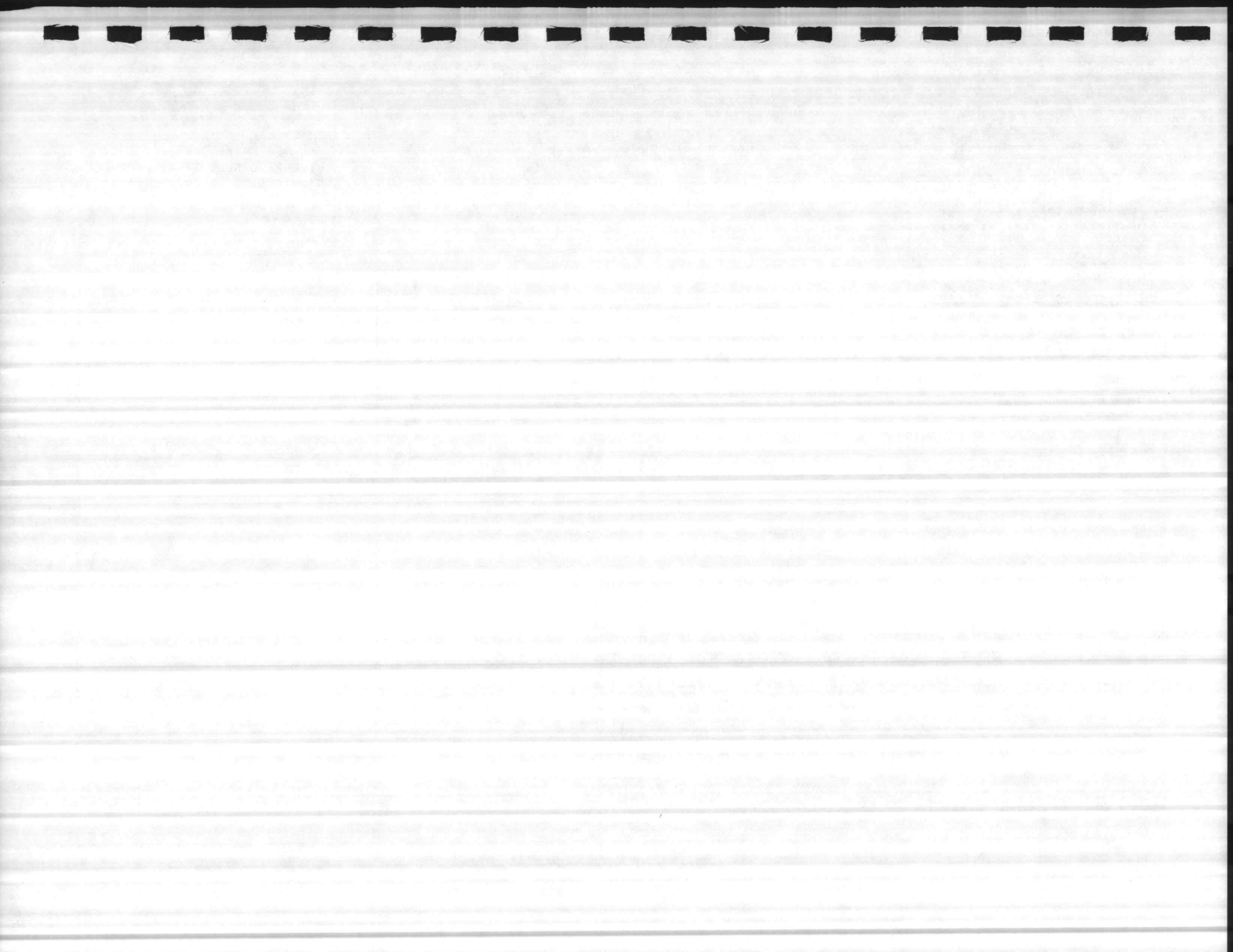
FILE NAME: LP010029

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: G-10A EOD Disposal Site, MCB, Camp Lejeune, NC

EOD Disposal Sight

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

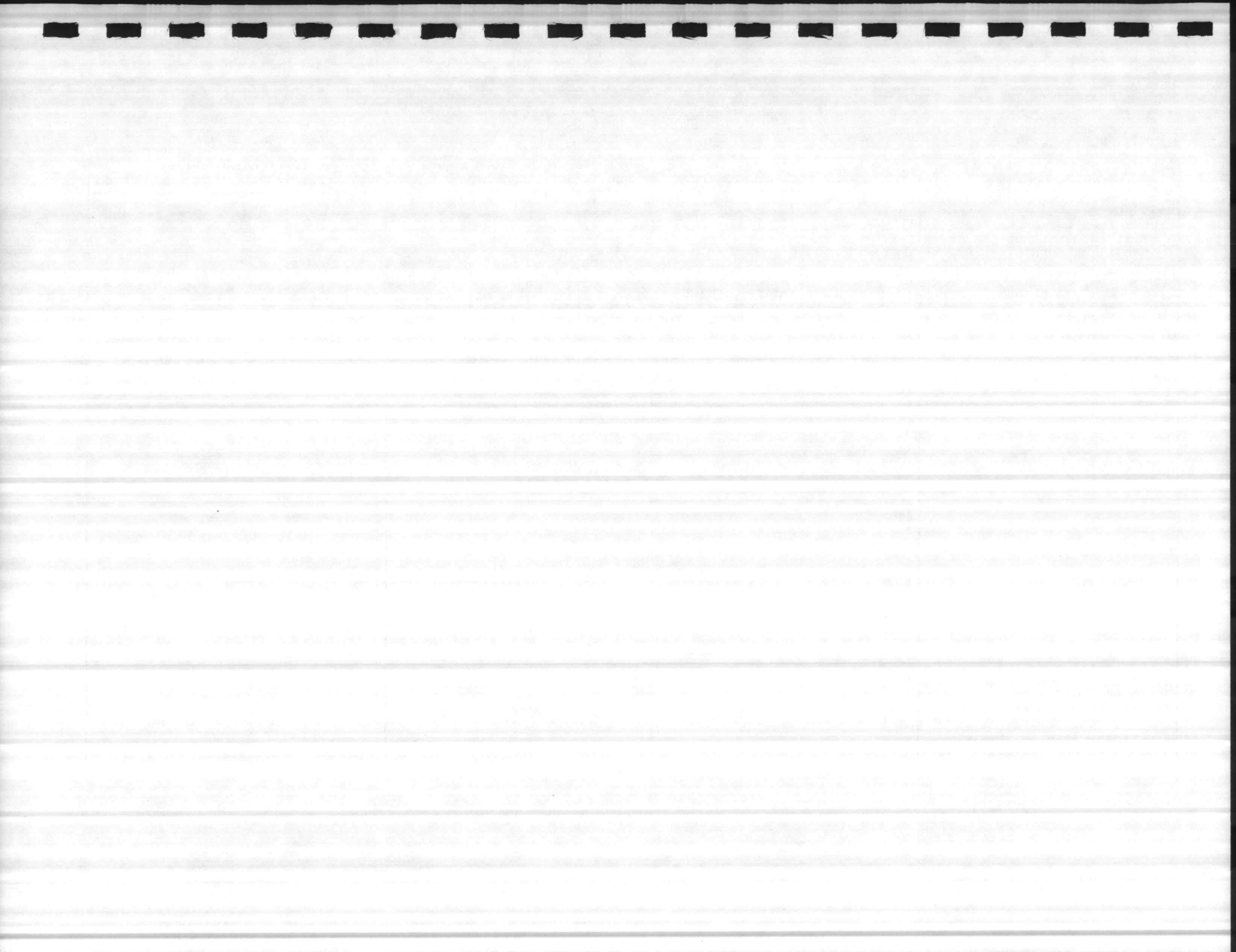
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1 X .98		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP9135		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

FILE NAME: LP010030

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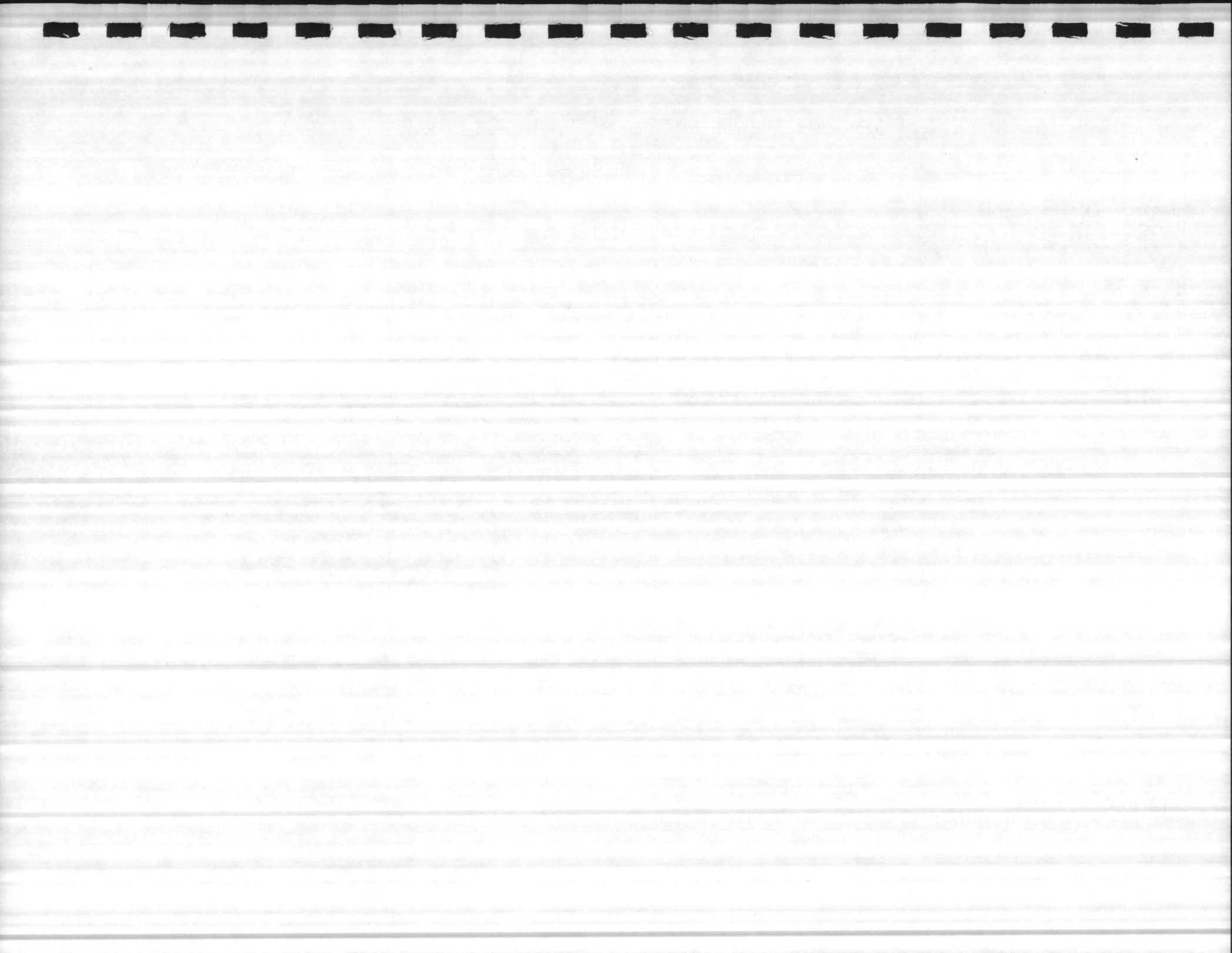
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



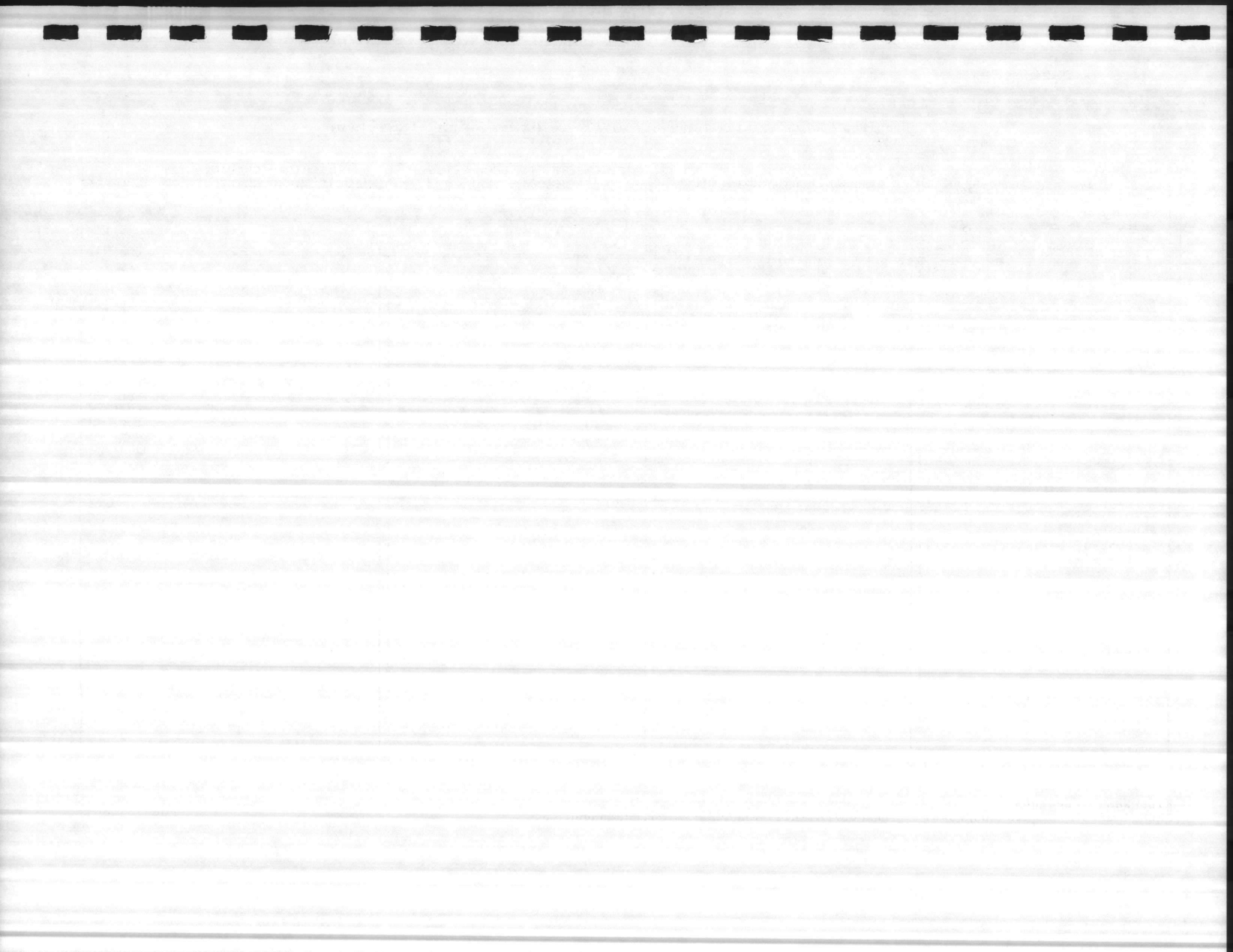
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA		
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

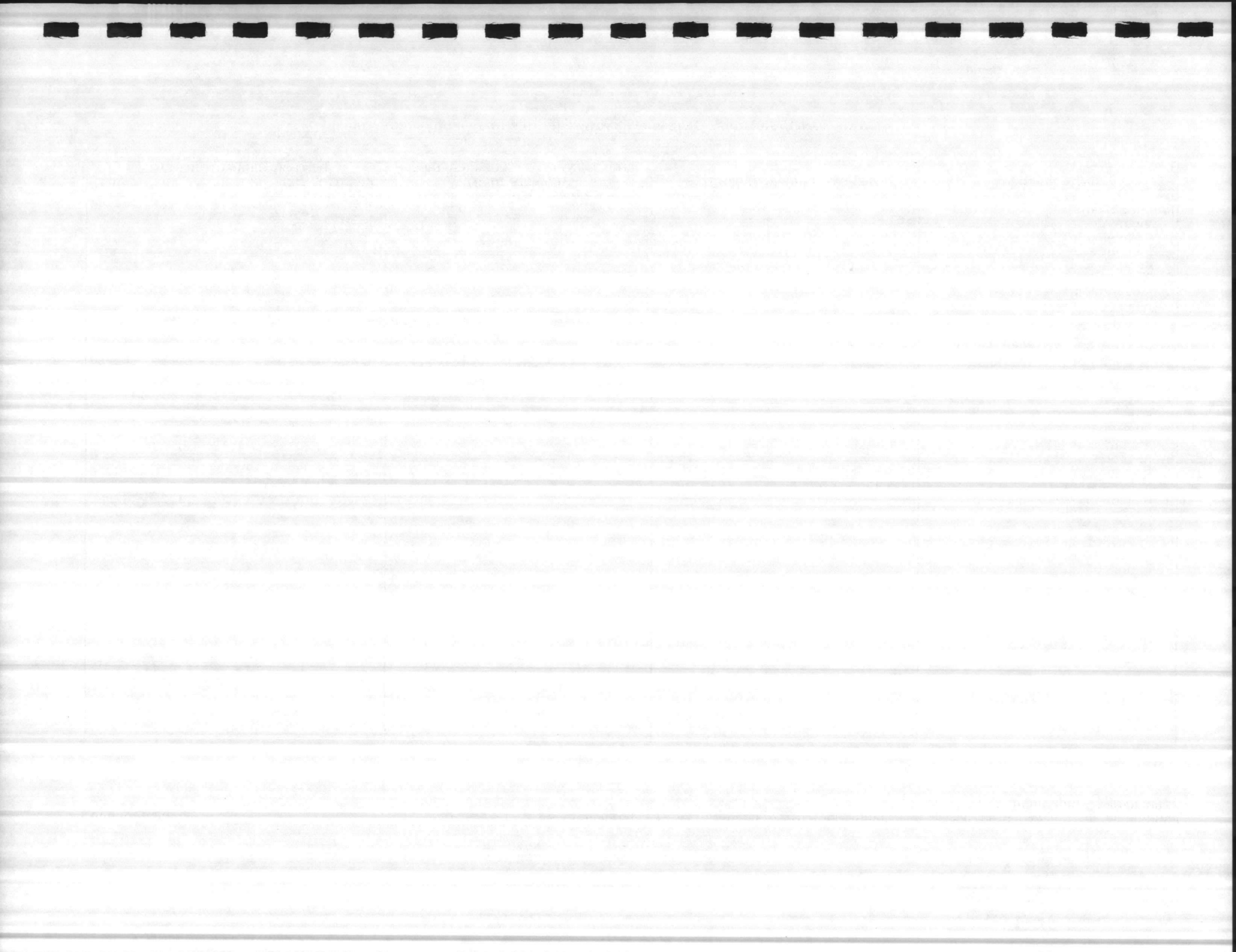
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	EOD operations		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....	100	NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....	100	NOT APPLICABLE	NOT APPLICABLE





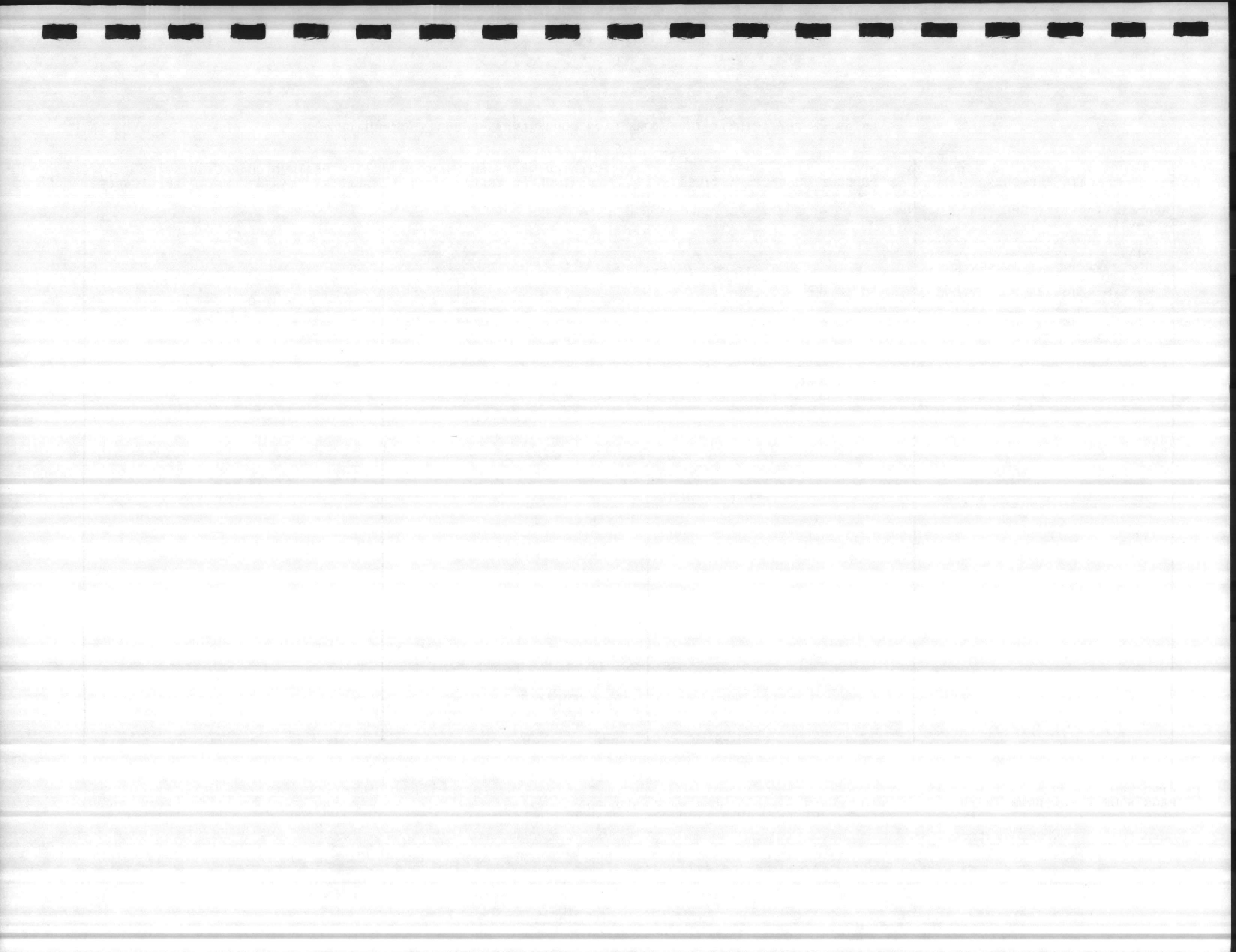
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	7 2000 m 7		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	NA		
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



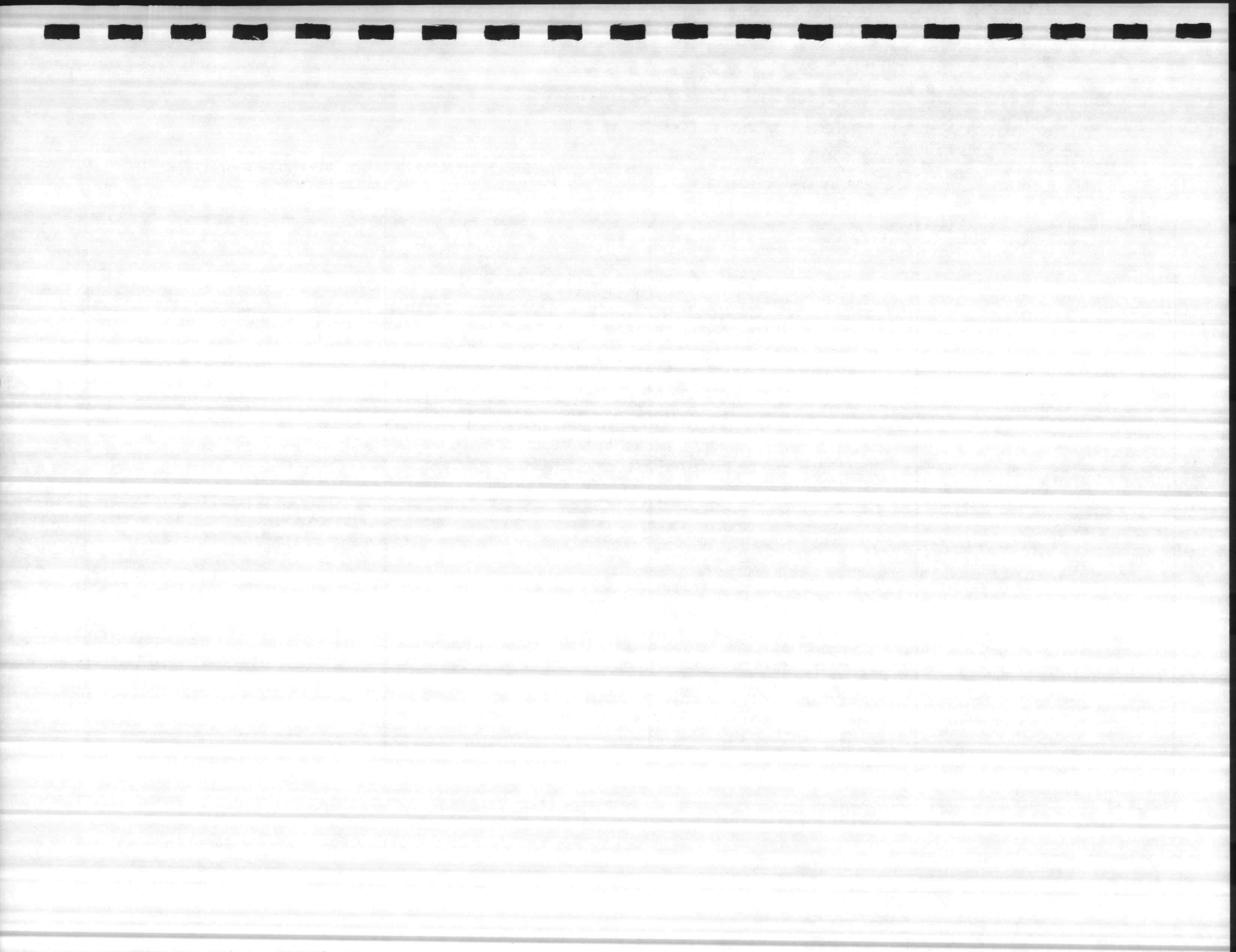
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... 0 ..... ..... ..... ..... ..... .....	0 ..... 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Warning siren sounded for 10 seconds 1 minute before detonation		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Warning siren sounded for 10 seconds 1 minute before detonation		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: I-1 Pistol and Shotgun Range, MCB, Camp Lejeune, NC  
 Pistol and Shotgun Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

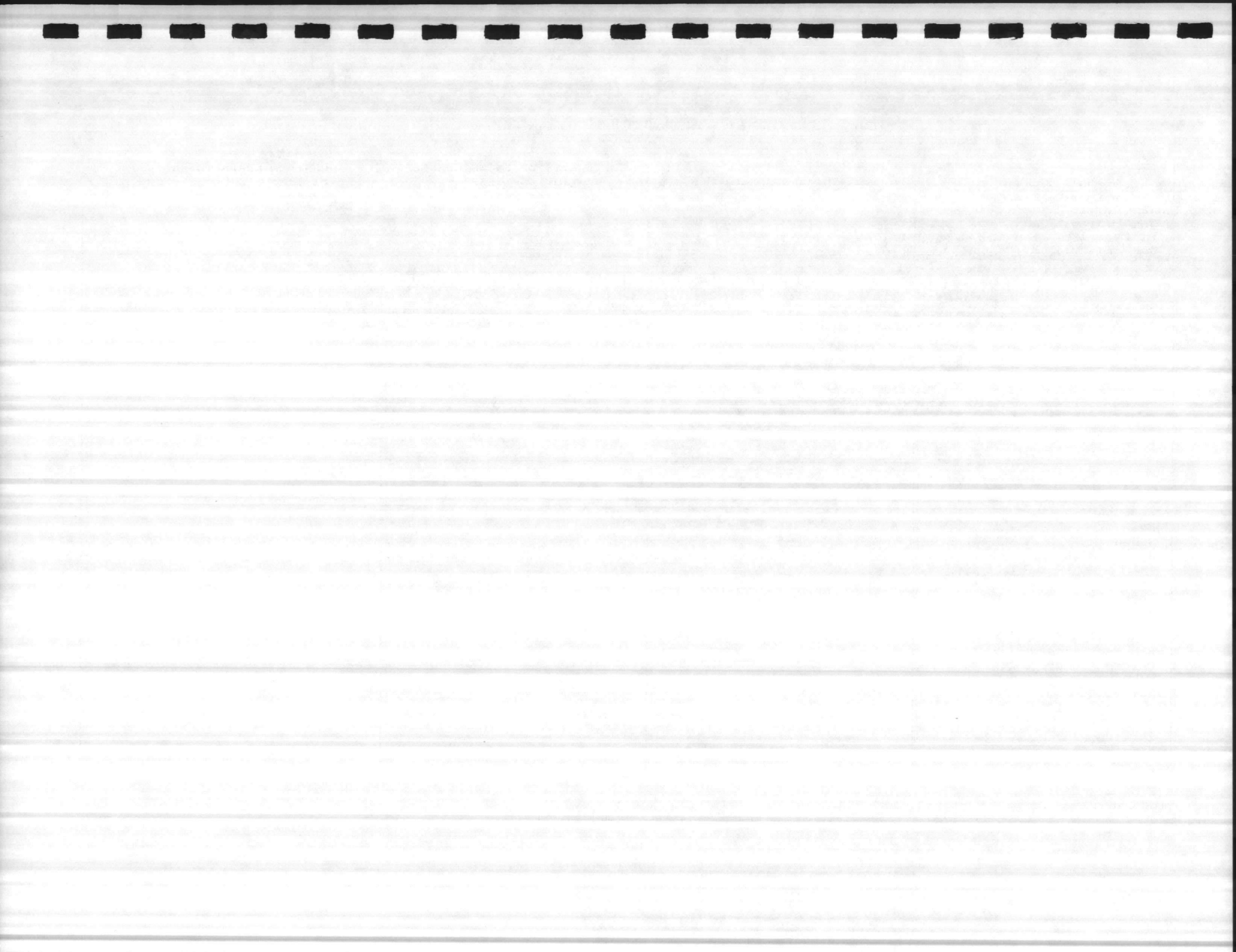
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.7 X 1.25		
Primary Direction of Fire	1983 MILS/112 degrees		
Associated Air Space	To 17,999 ft: 399 sq km		
Coordinates	TP842276		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	16		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X X  X		

FILE NAME: LP010031

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

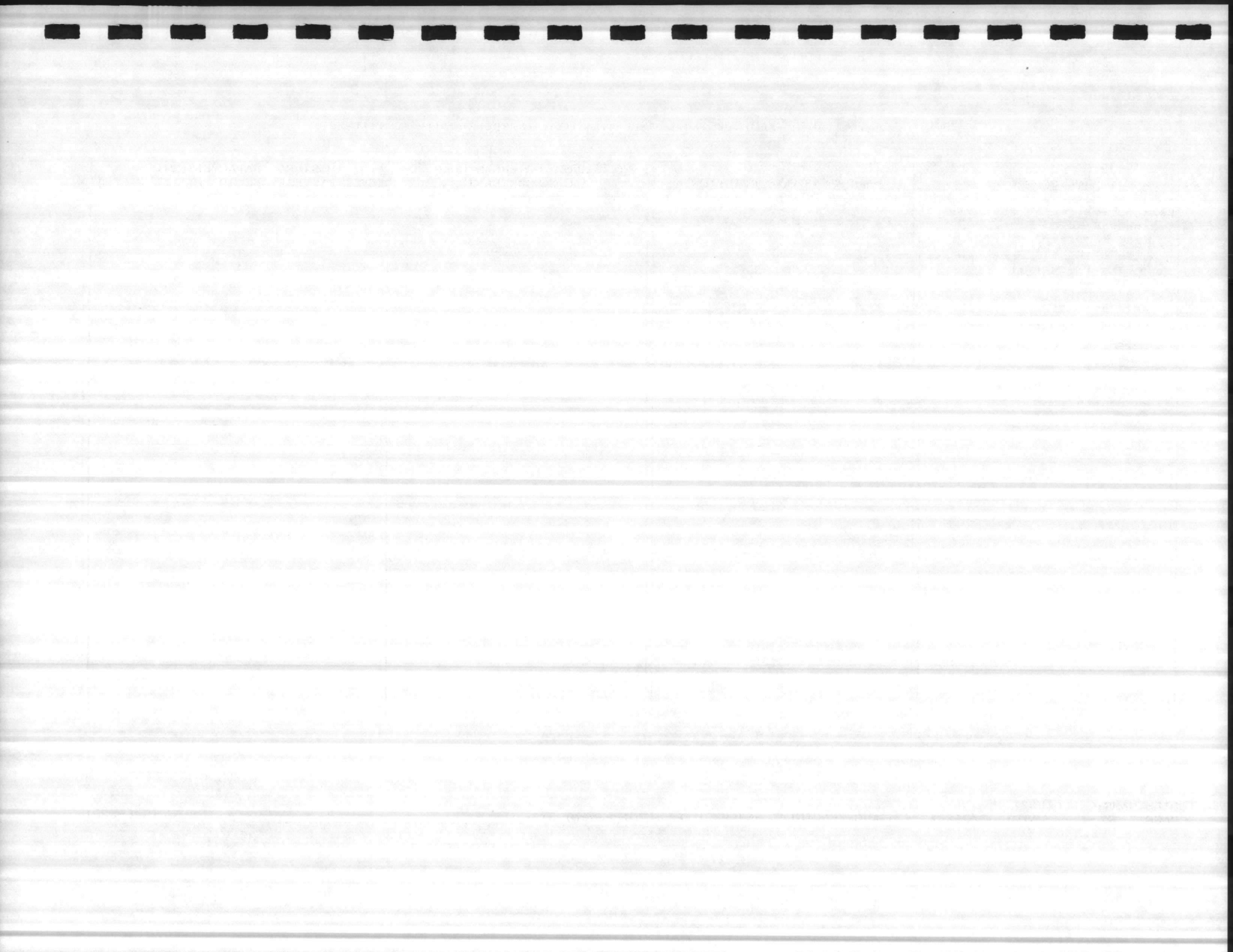
LFRTS-P-0001





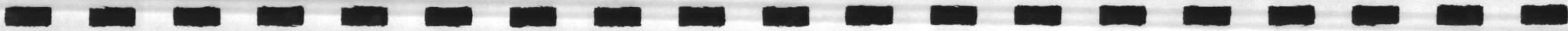
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... X Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



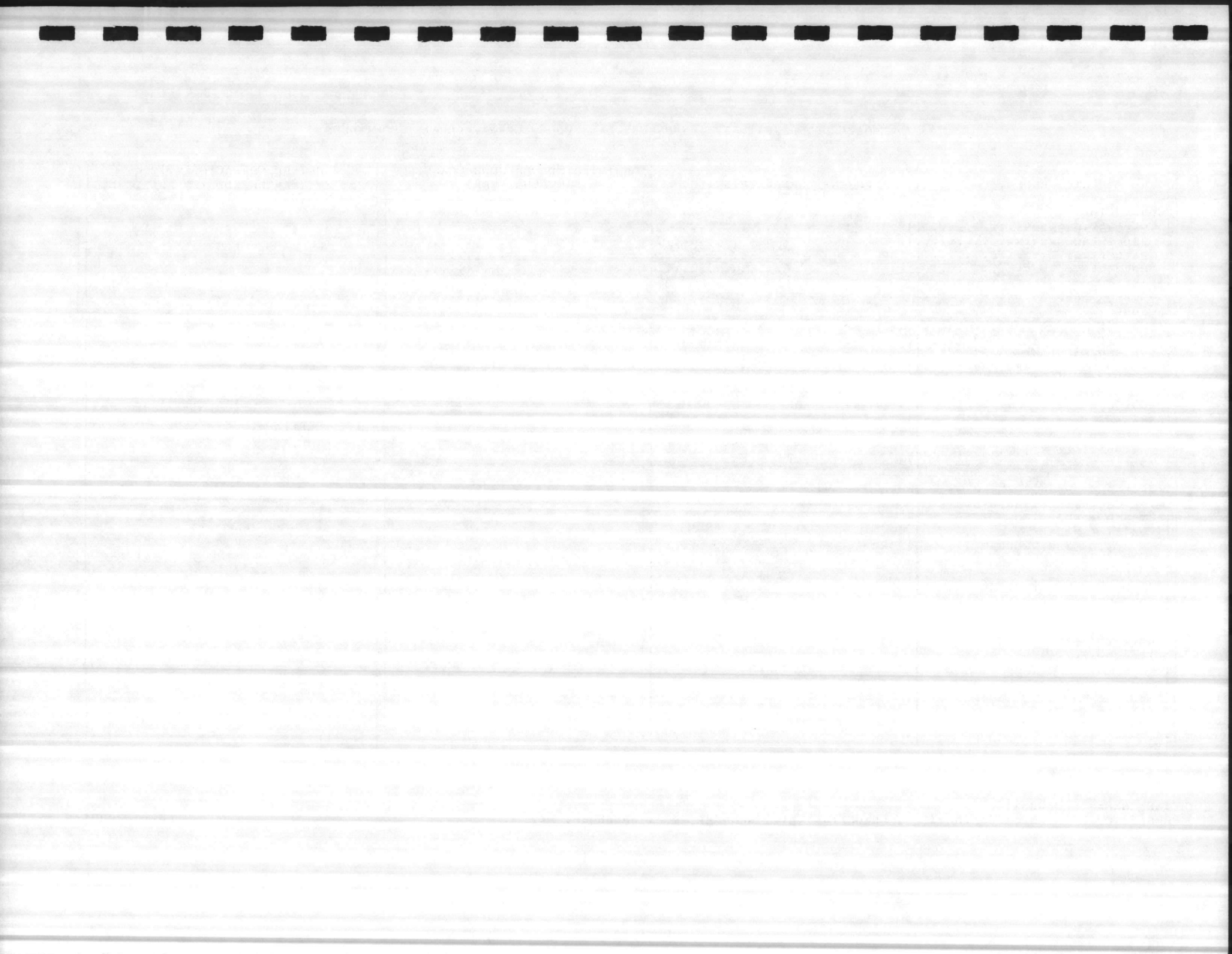
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, .38-cal, .45-cal, 9-mm, shotgun, M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 90 Percentage Clay..... Percentage Swamp/Marsh..... 10 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



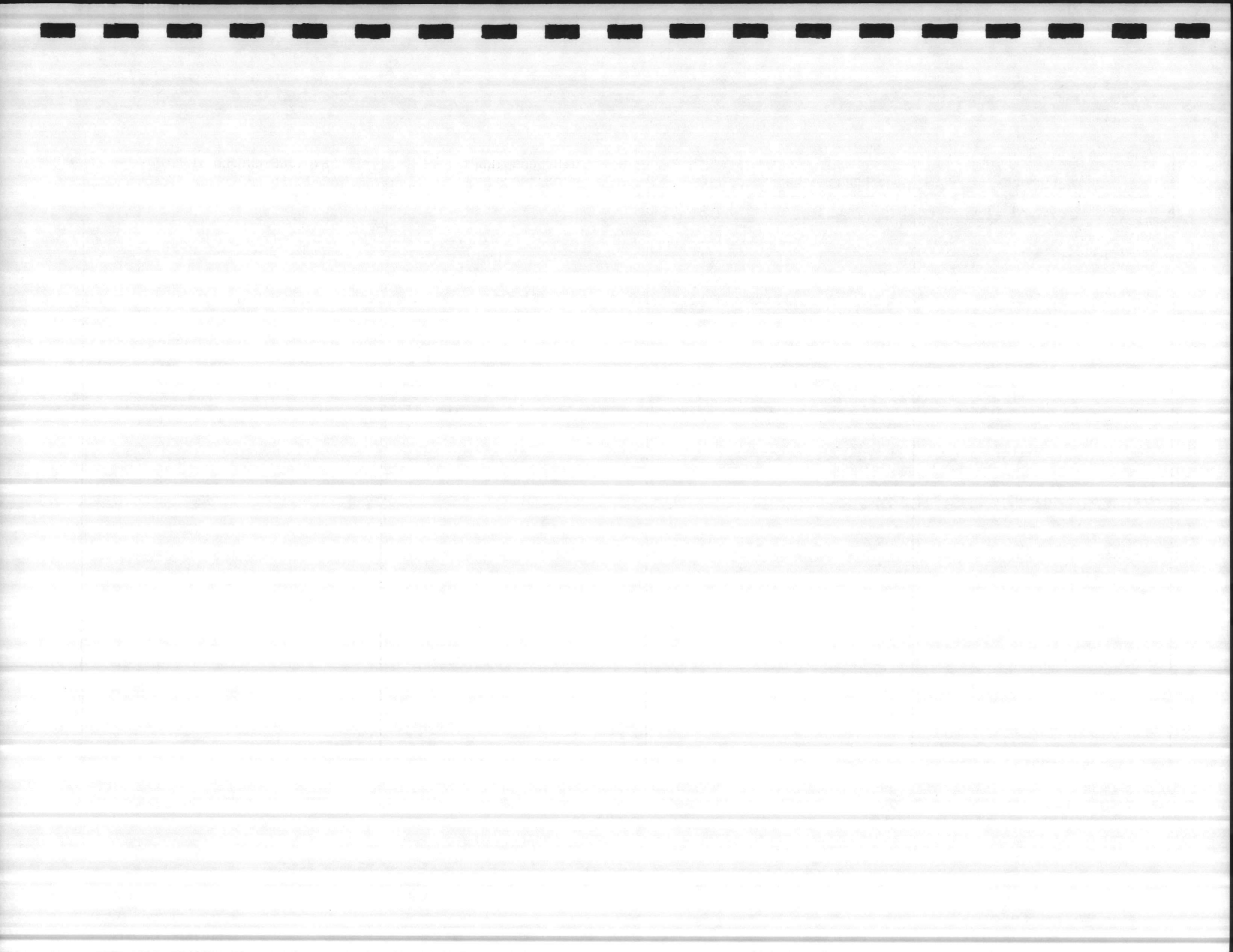
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	15 .....	.....	
Ammunition (km).....	13 .....	.....	
Rations (km).....	15 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	130 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Water traffic		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Range guard to watch water		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Bordering woodpecker habitat		

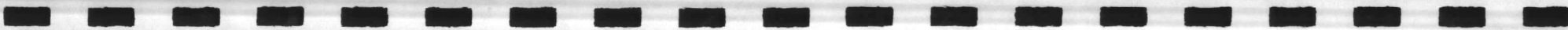
FILE NAME: LP010031

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other  
 Laser

RANGE NAME AND LOCATION: I-2 Demolition and Mine Instruction Range, MCB, Camp Lejeune, NC  
 Demolition and Mine Instruction Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

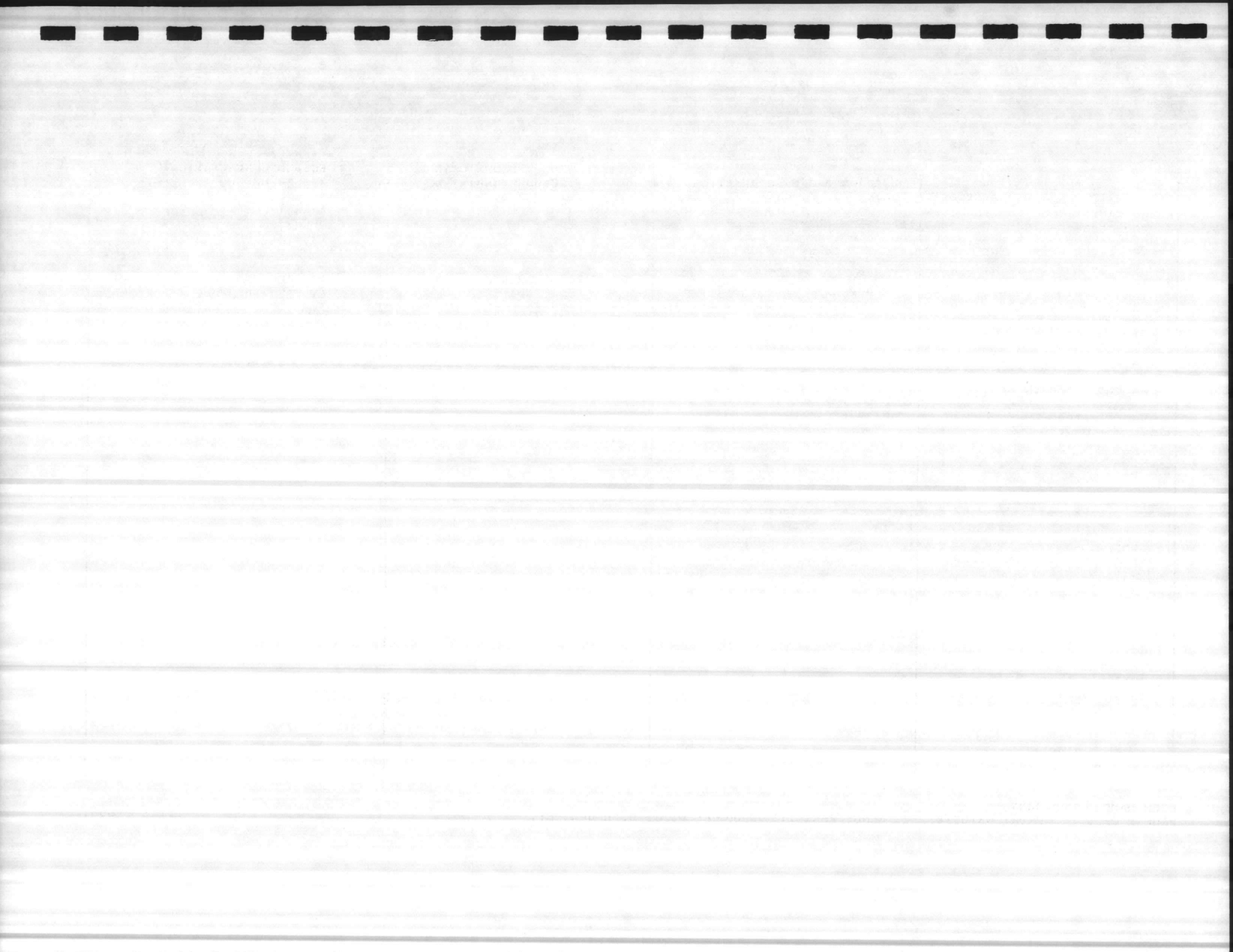
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	.5 X .5		
Primary Direction of Fire	Undefined		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP842279		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

FILE NAME: LP010032

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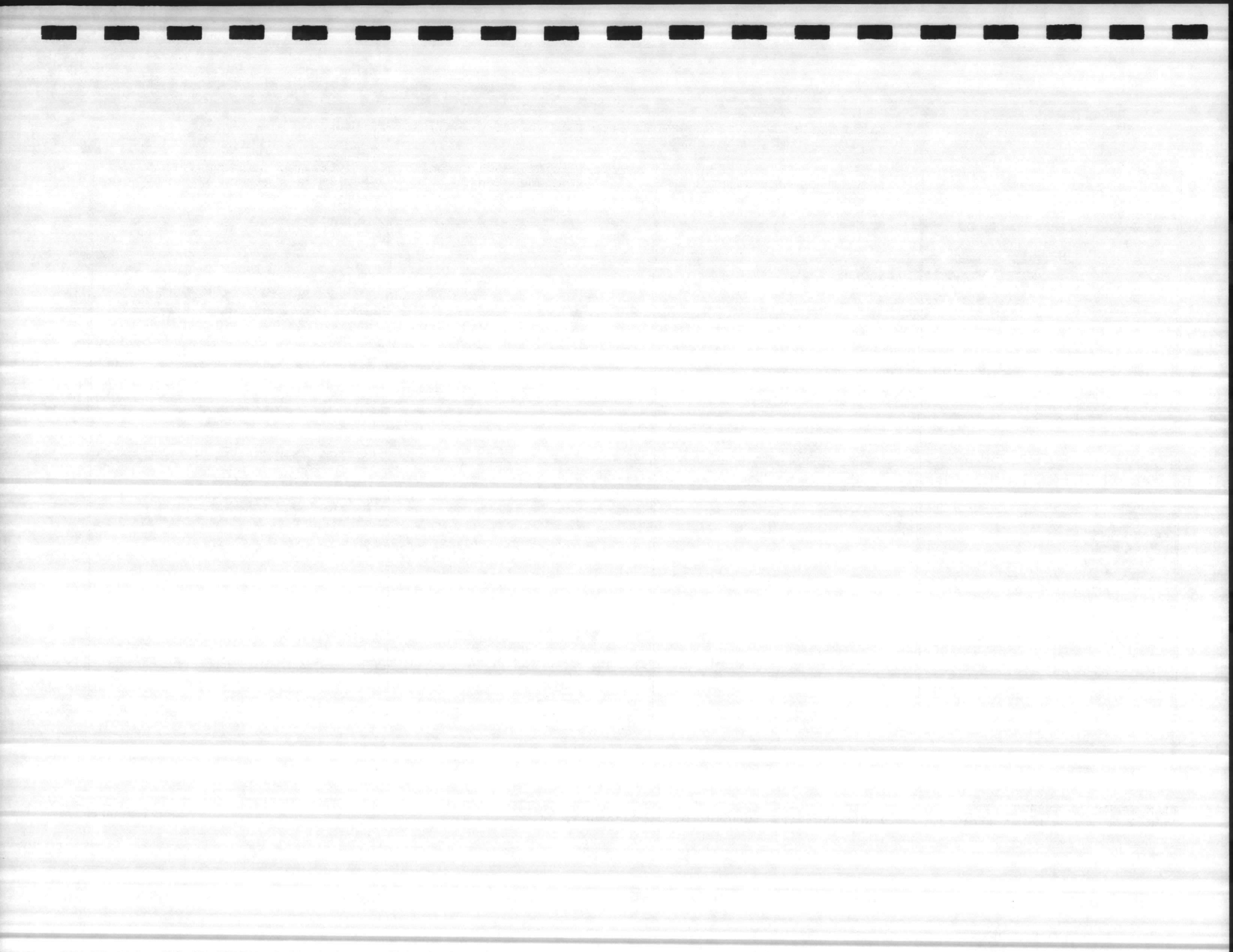
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



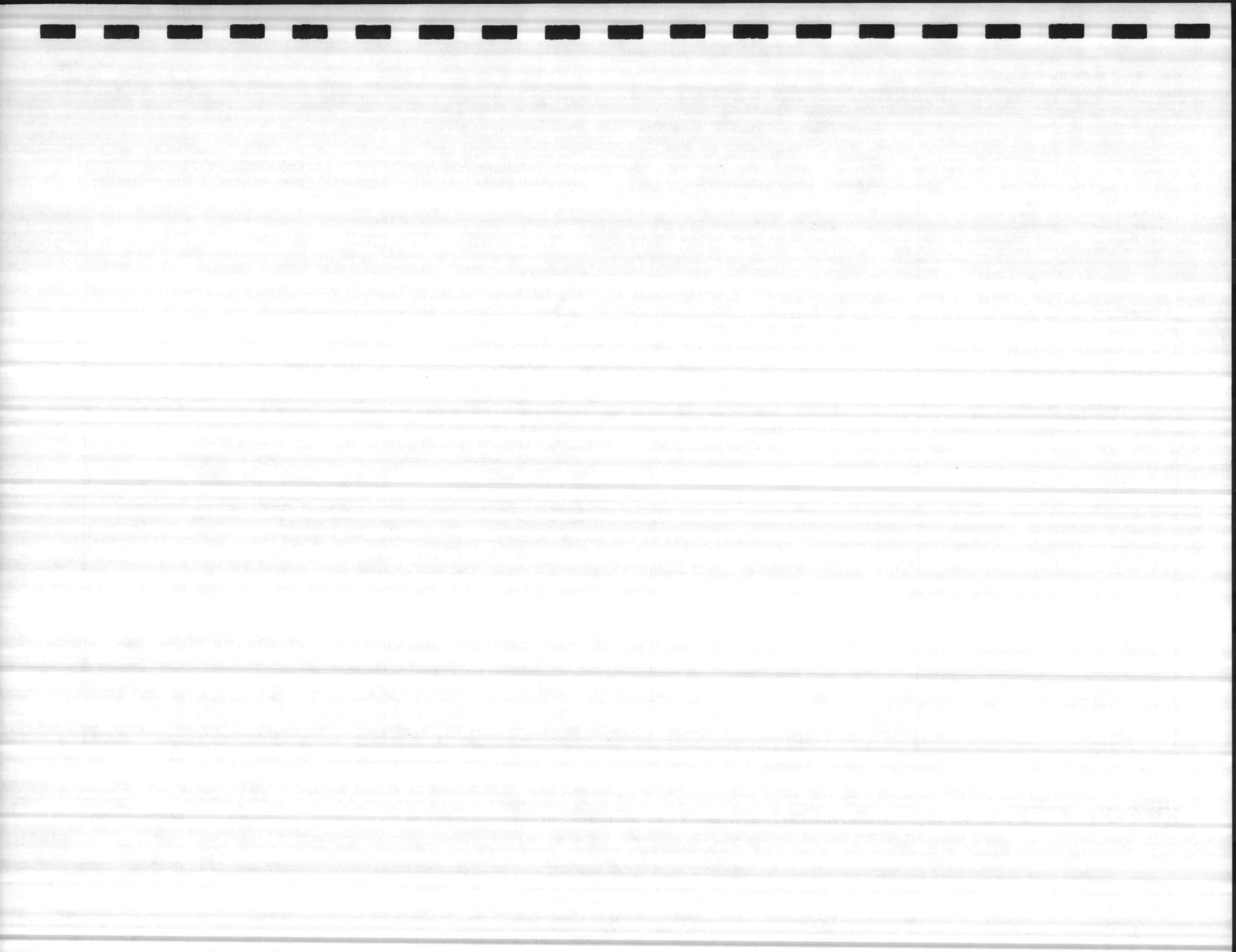
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	demolitions (50 lbs max), M68A1 linear rocket, land mines		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 65 Percentage Swamp..... Percentage Desert..... 10 Percentage Beach..... Percentage Level..... Percentage Water..... 25		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 65 Percentage Clay..... Percentage Swamp/Marsh..... 35 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





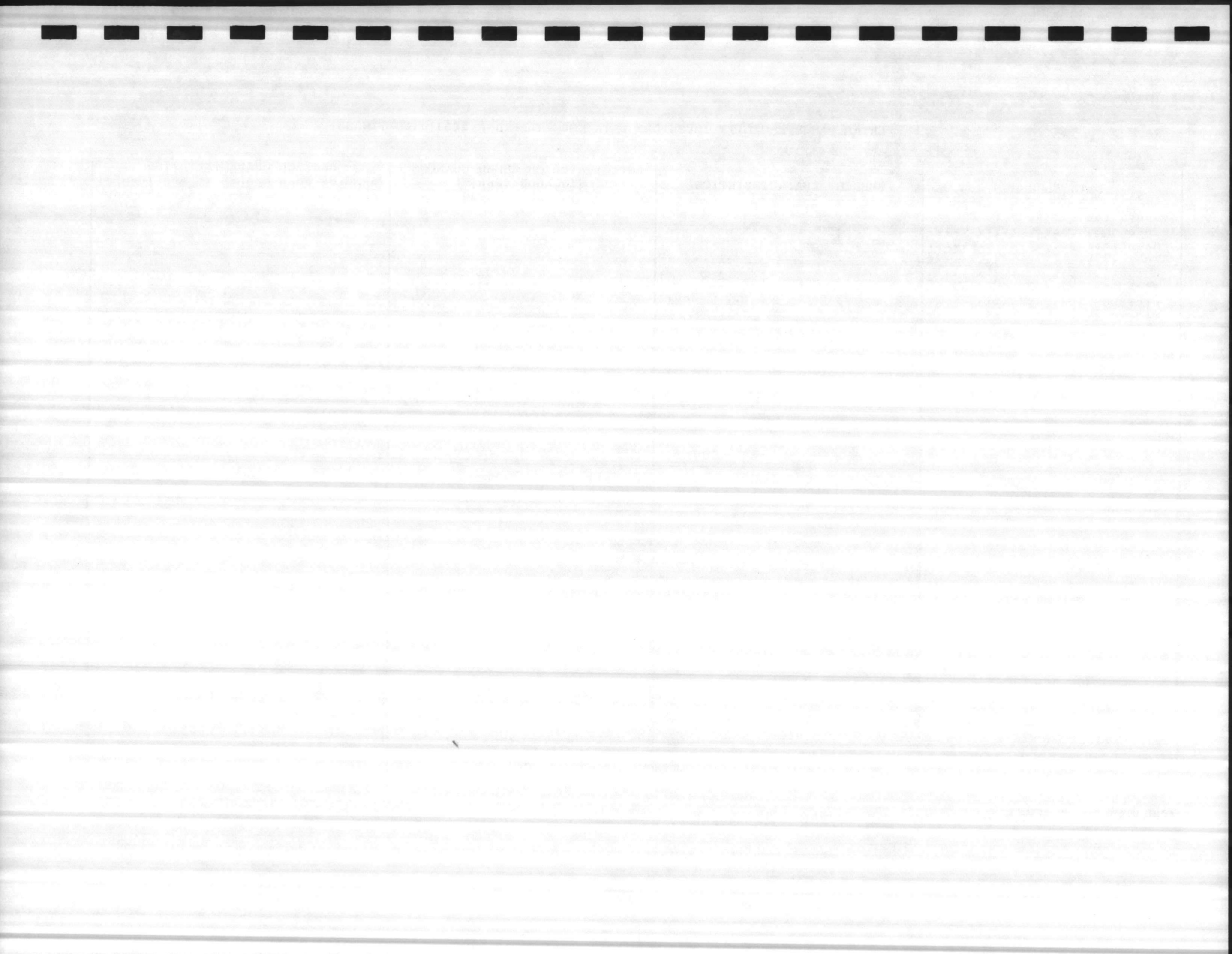
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	1500 m .....	.....	
Ammunition (km).....	14 .....	.....	
Rations (km).....	1500 m .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	119 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Water traffic Comply with blast focus		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Visibility of water		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

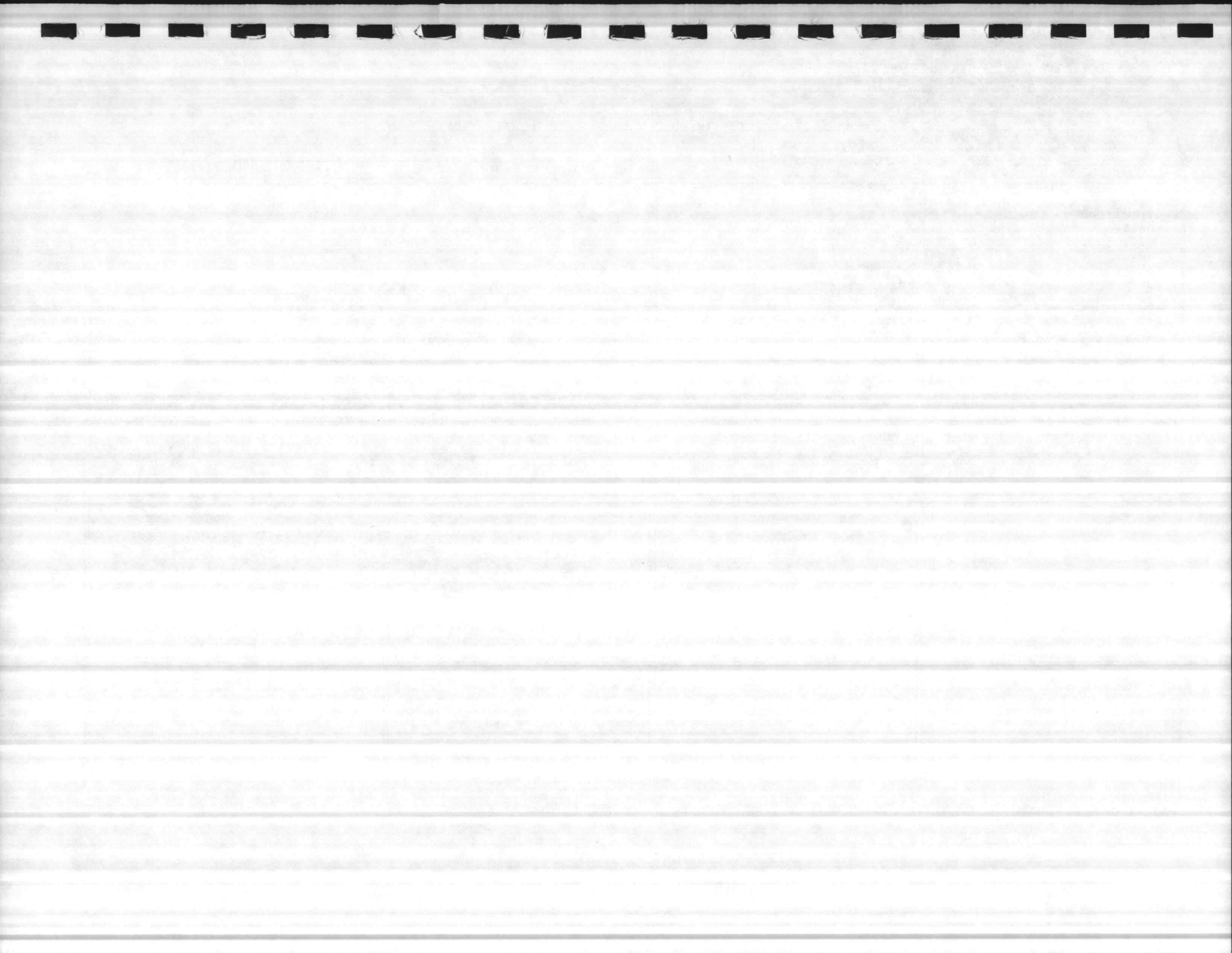
FILE NAME: LP010032

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: Scaled Target Subcaliber Range, MCB, Camp Lejeune, NC  
 Scaled Target Subcaliber Training Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

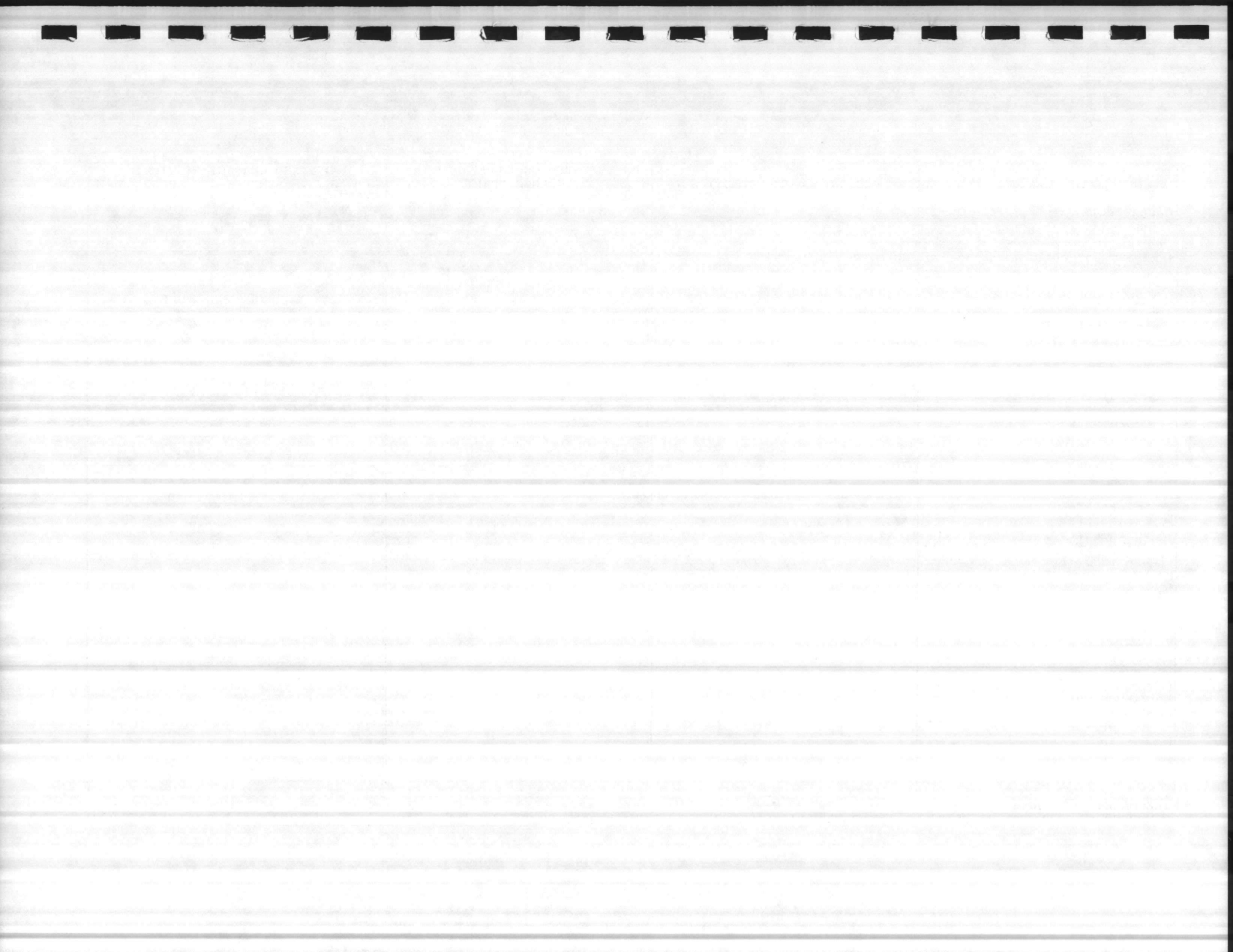
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	150 m X 150 m X 400 m		
Primary Direction of Fire	5505 MILS/310 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP826305		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	15 tanks		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010033

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

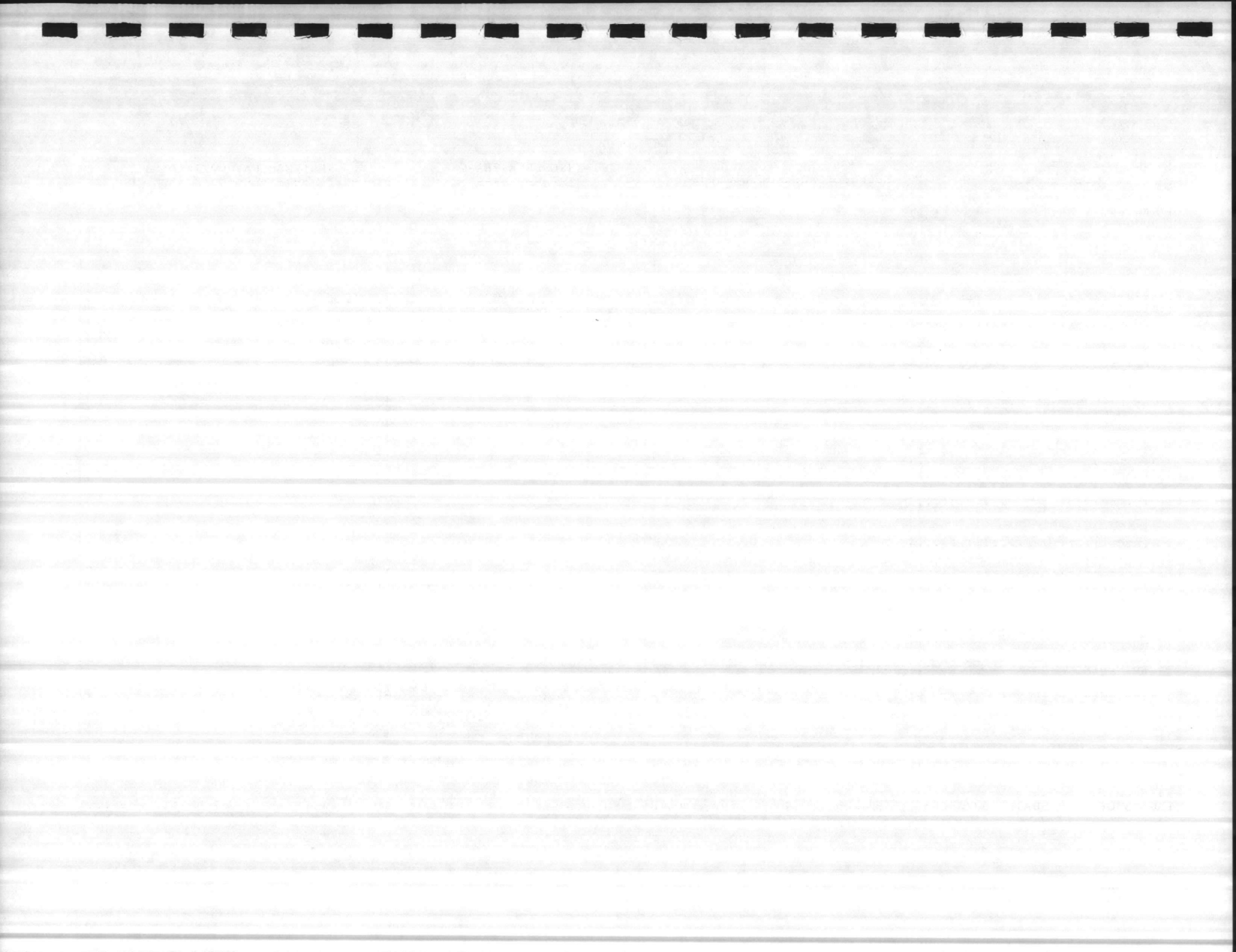
LFRTS-P-0001





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X X ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.22-cal, M203, M16A1		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 95 Percentage Clay..... Percentage Swamp/Marsh..... 5 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE

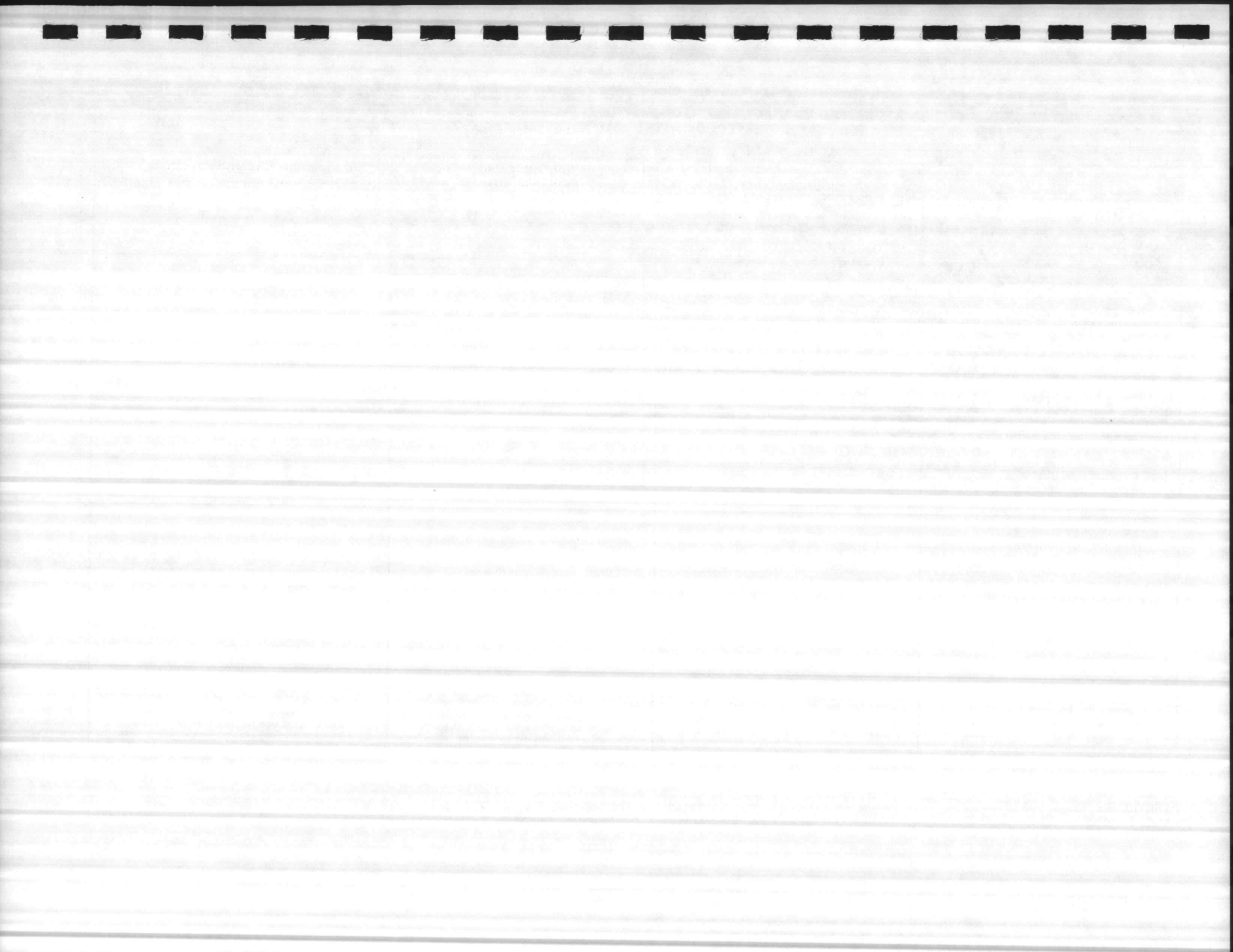
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DATE: 03/05/87

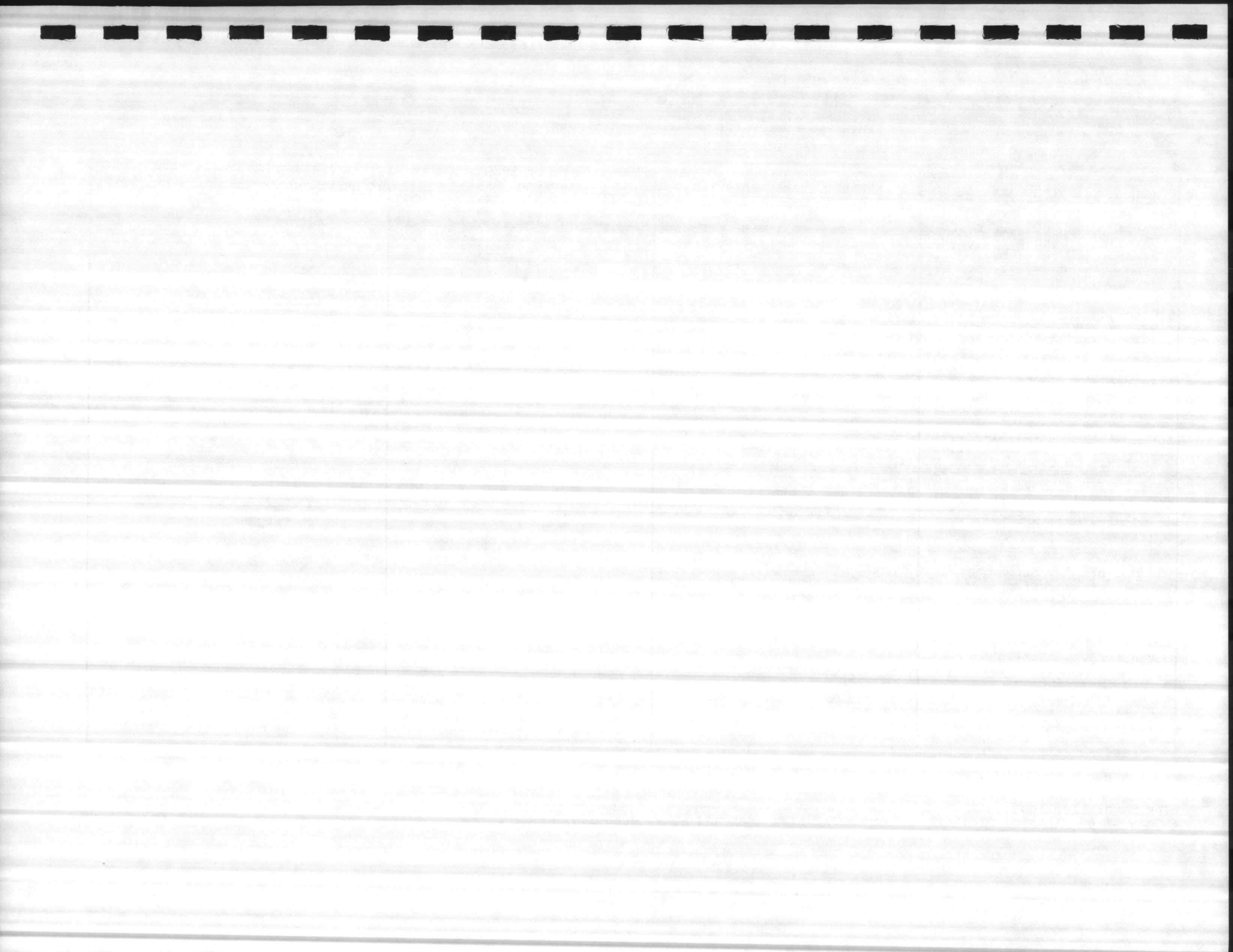
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



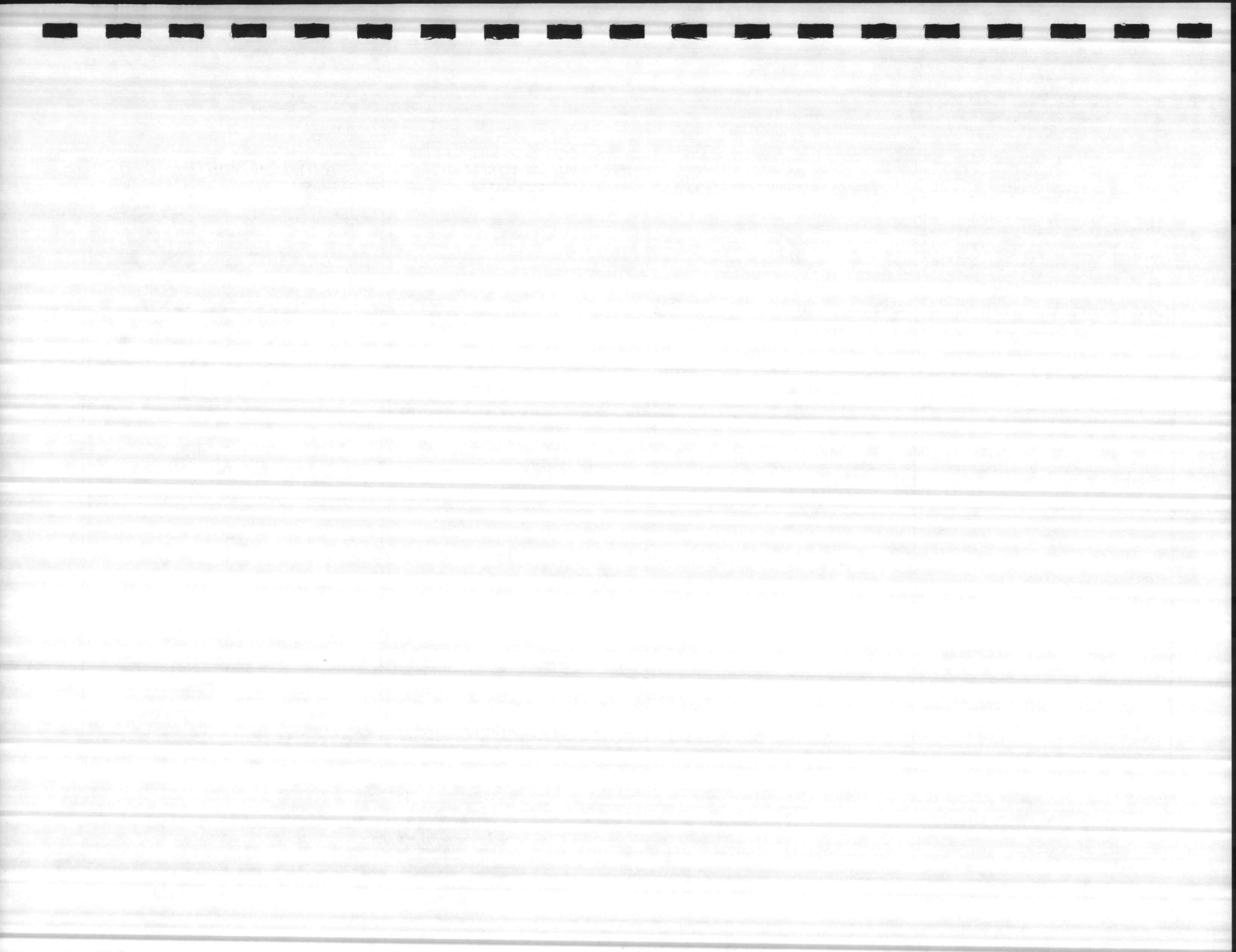
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	14 12 14		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	85		
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

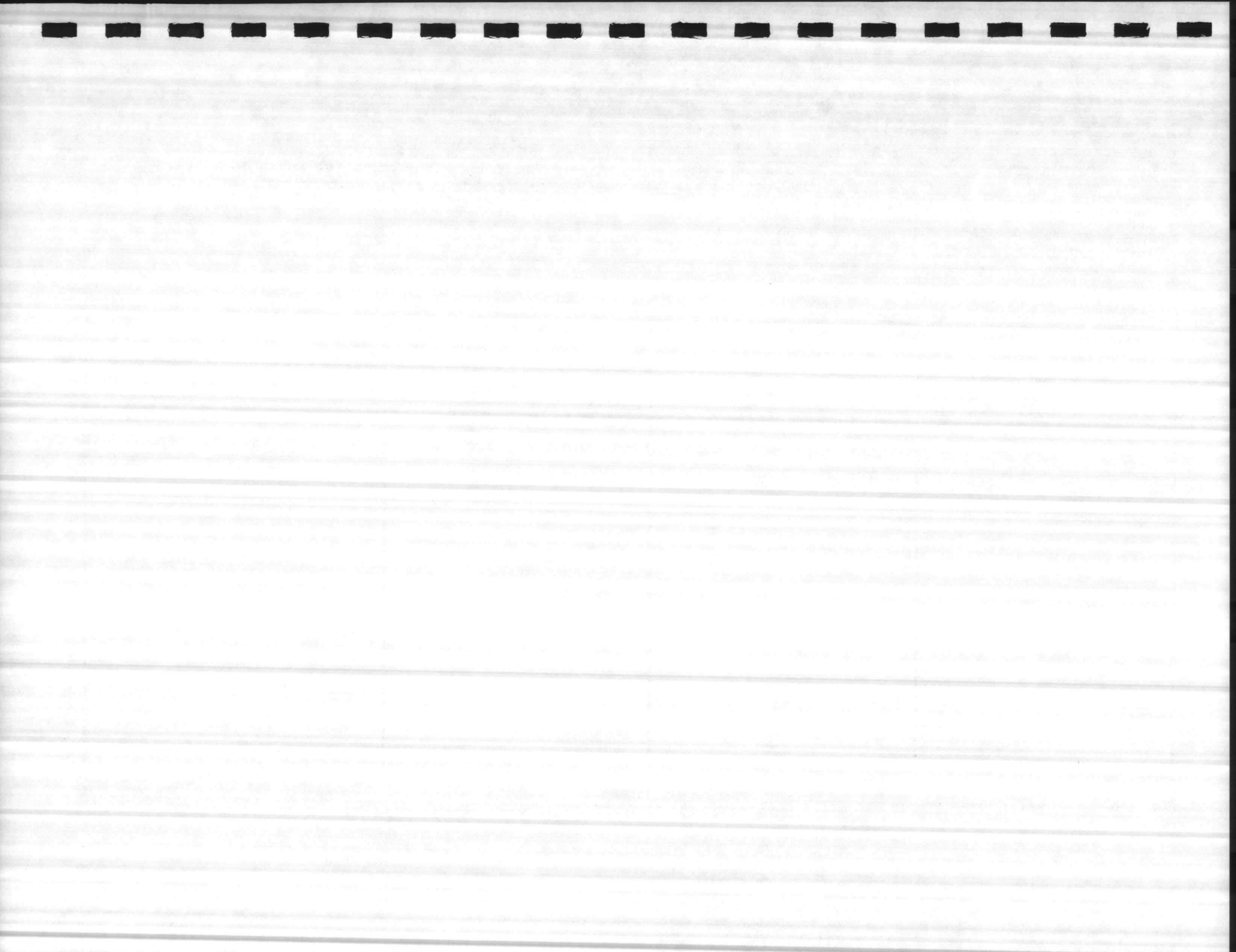
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 5 Maintenance..... 5 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Water traffic		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Water traffic watch		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Water Traffic		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-2 Bombing and Target Range, MCB, Camp Lejeune, NC  
 Bombing and Target Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

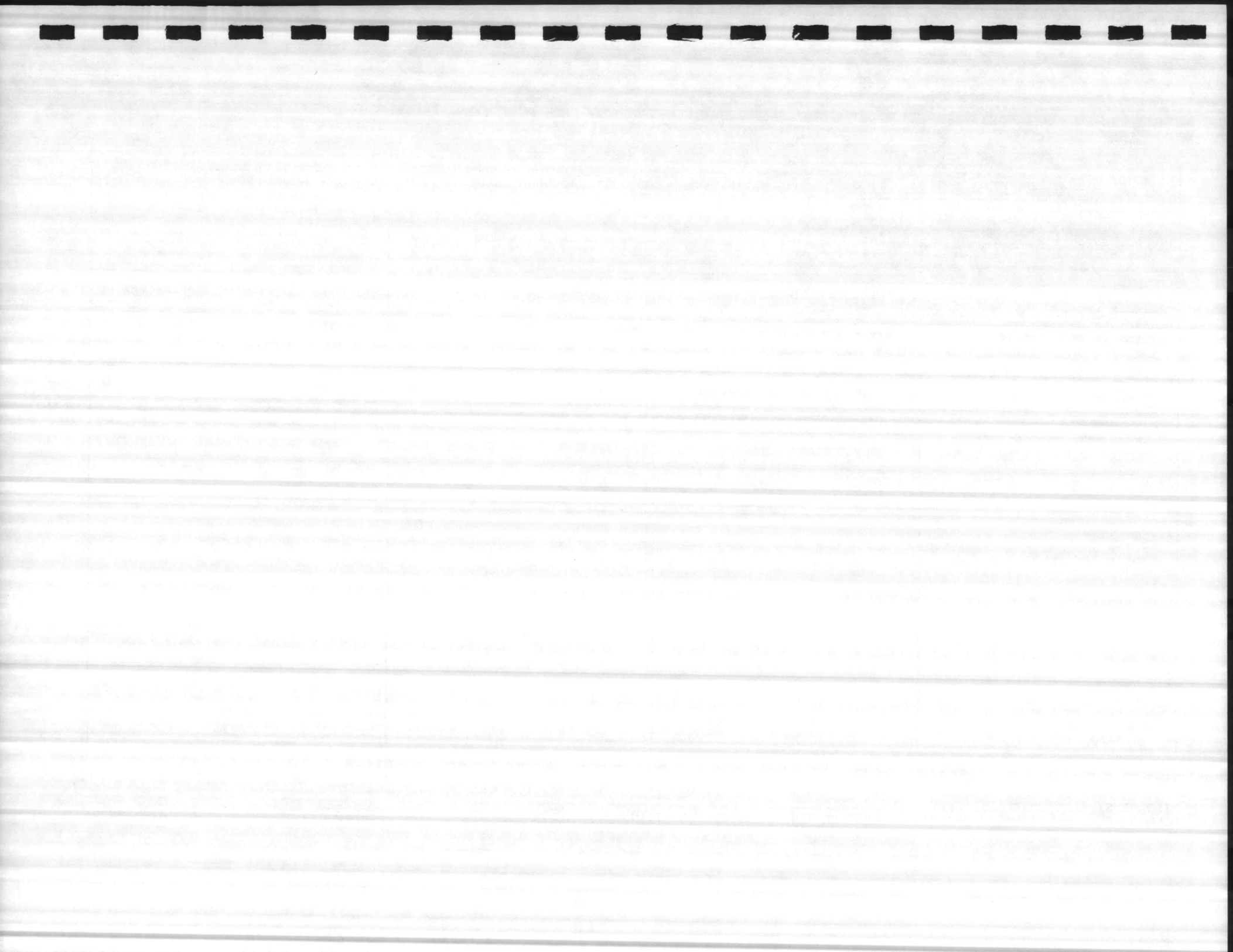
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Associated Air Space Coordinates	3.5 X 2.4 impact 3.55 x 1 secondary impact Undefined To 17,999 ft; 399 sq km TP7833 to TP7935 to TP8135 to TP8133		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	50 m		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....			

FILE NAME: LP010034

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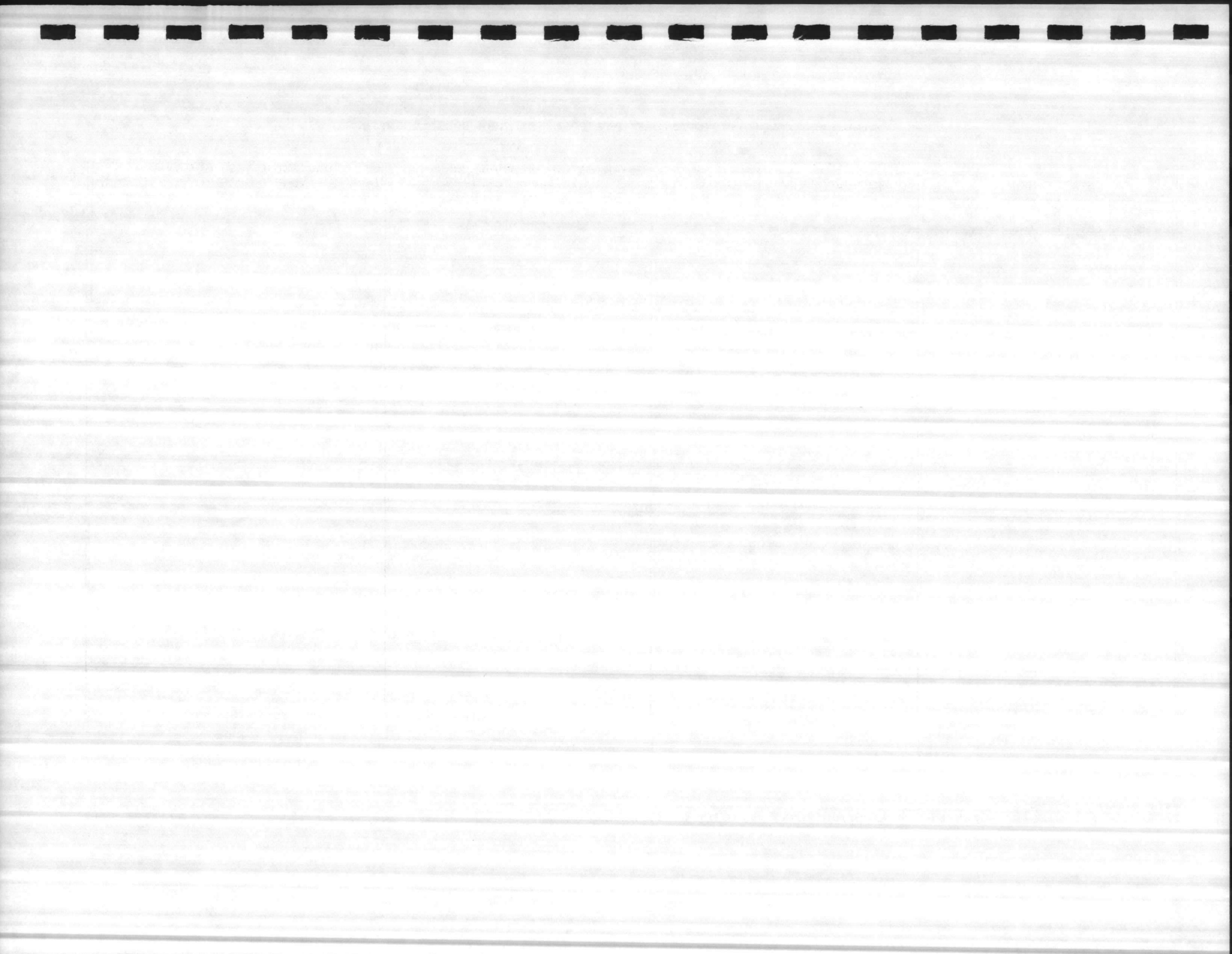
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



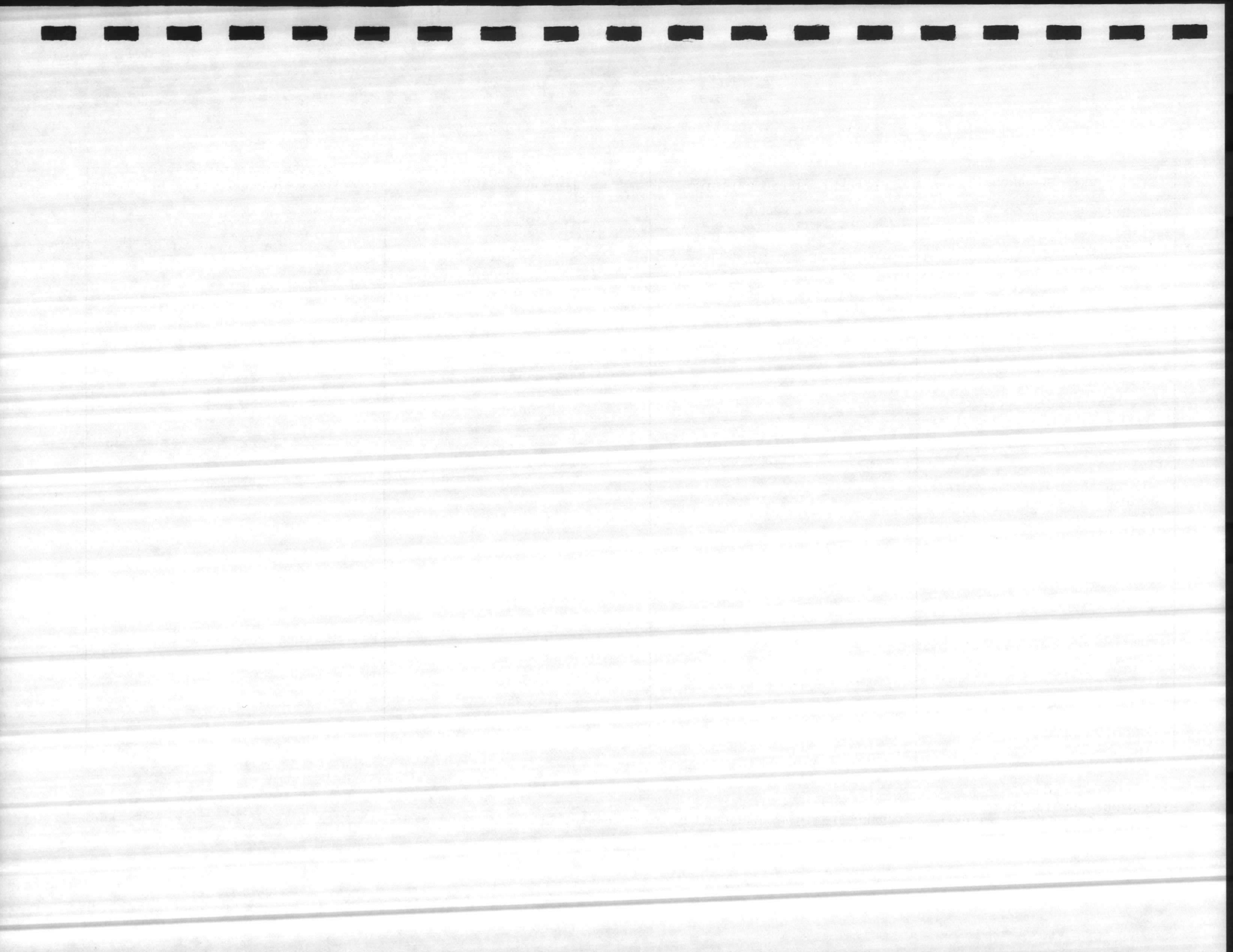
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

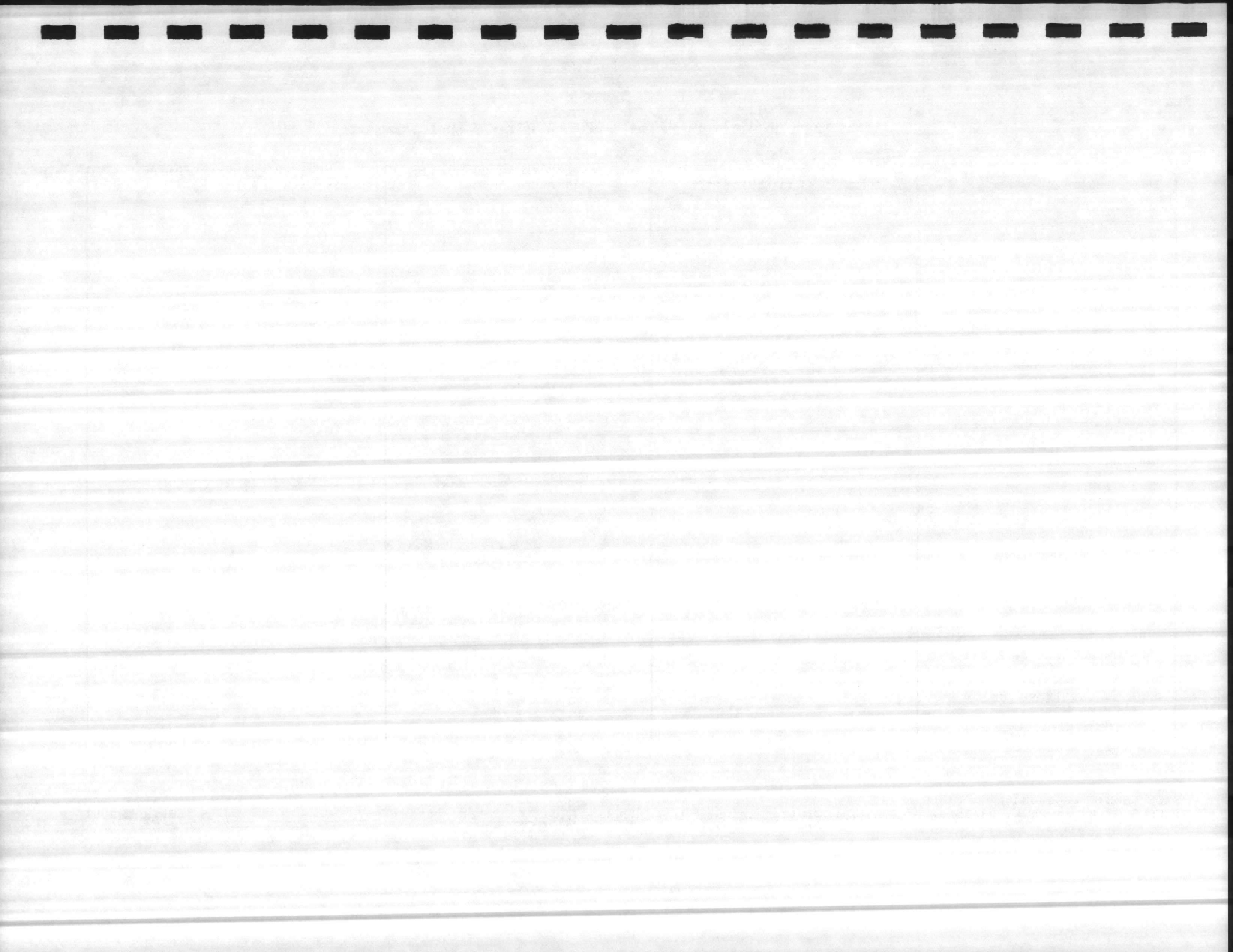
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	indirect fire, CAS (250 lbs TNT equivalent)		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 90 Percentage Clay..... Percentage Swamp/Marsh..... 10 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





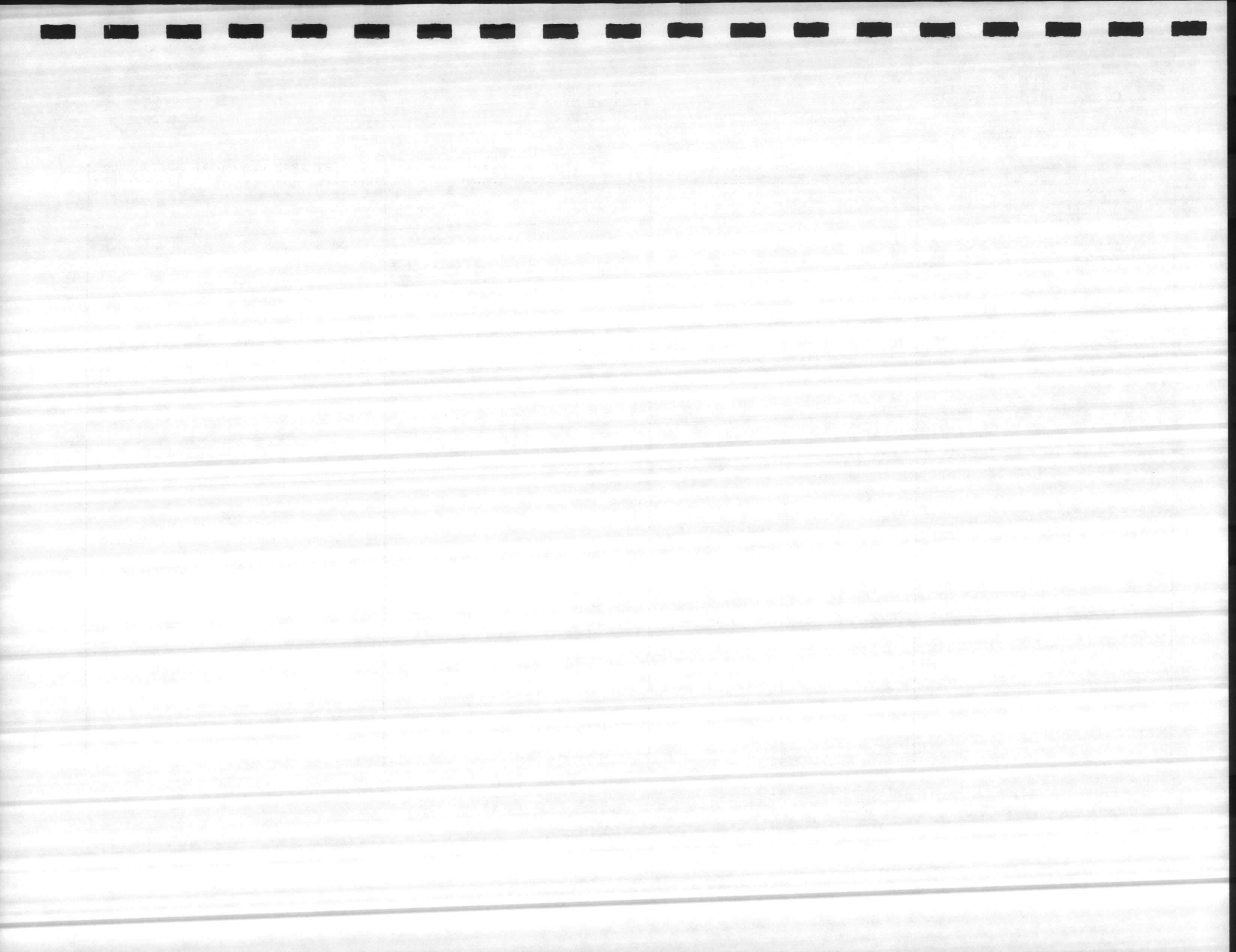
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	2 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	14 .....	.....	
Ammunition (km).....	34 .....	.....	
Rations (km).....	14 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:	NA		
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	365		
Is Range/Facility Capable of Nighttime Use? Yes, No			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	New River when firing artillery		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Water traffic Towers manned		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

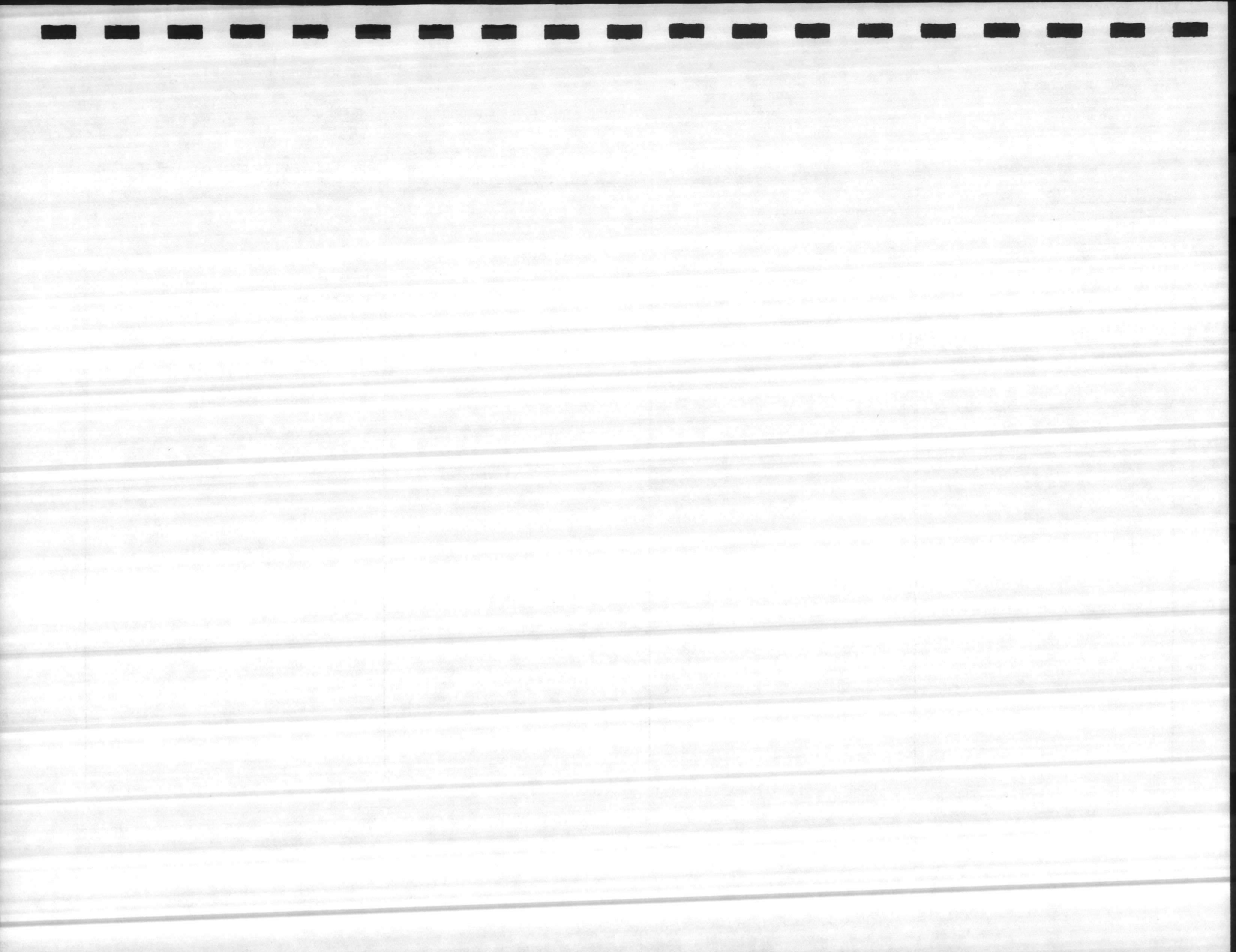
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-211 M203 and MK19 Grenade Launcher Range, MCB, CAMP Lejune, NC  
 M203 and MK19 Grenade Launcher Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	8 X .5		
Primary Direction of Fire	2725 MILS/153 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP783353		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	5		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

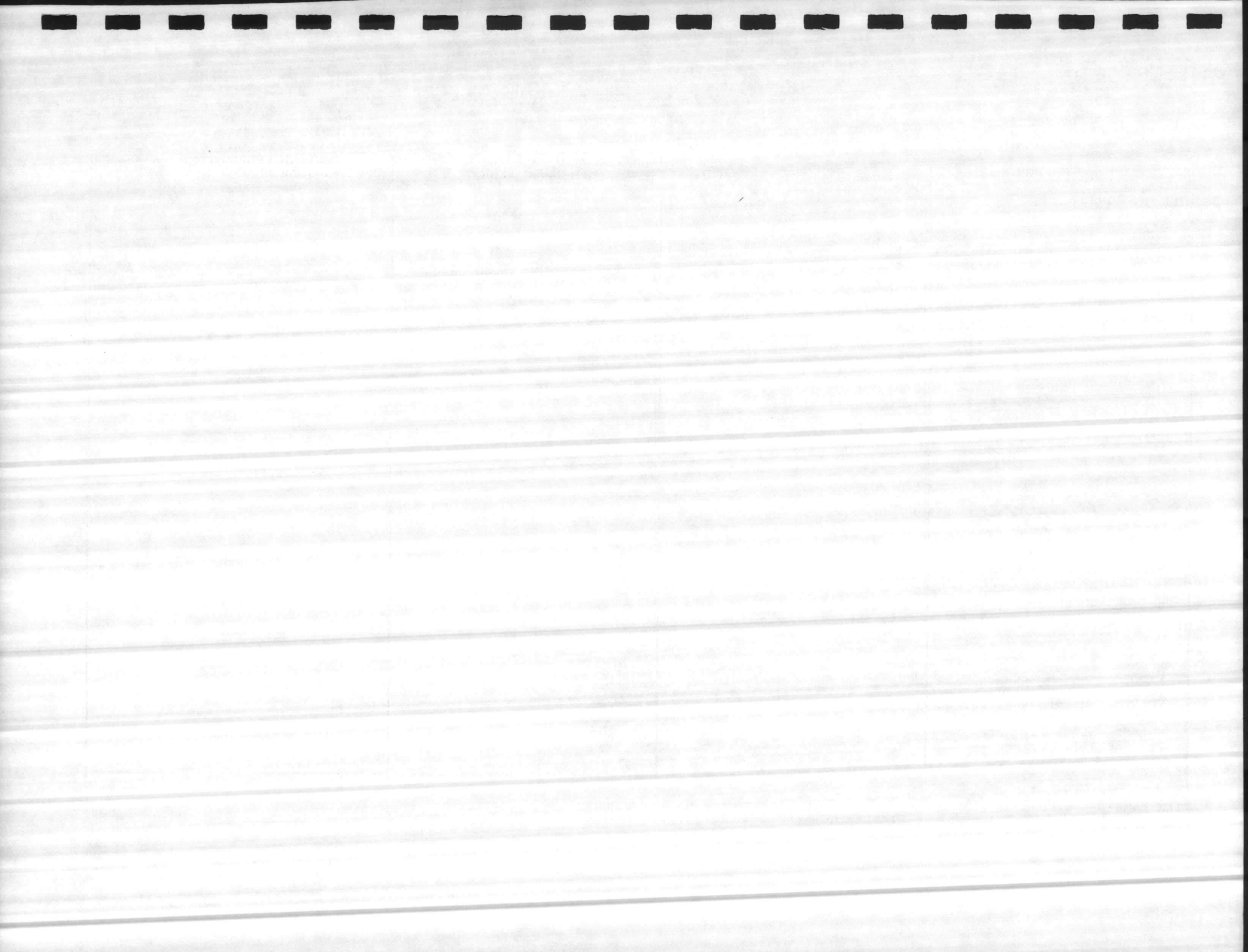
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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

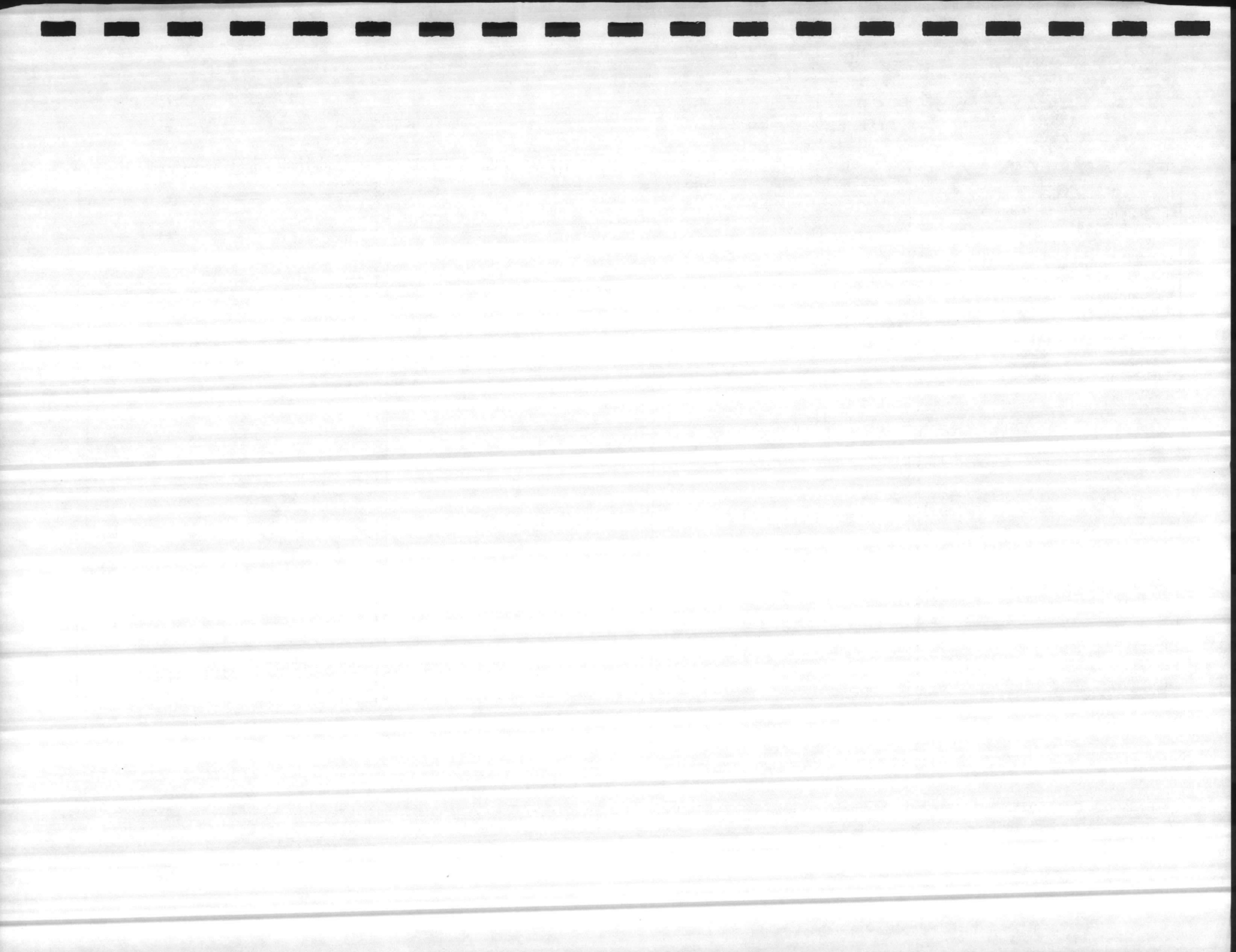
LFRTS-P-0001





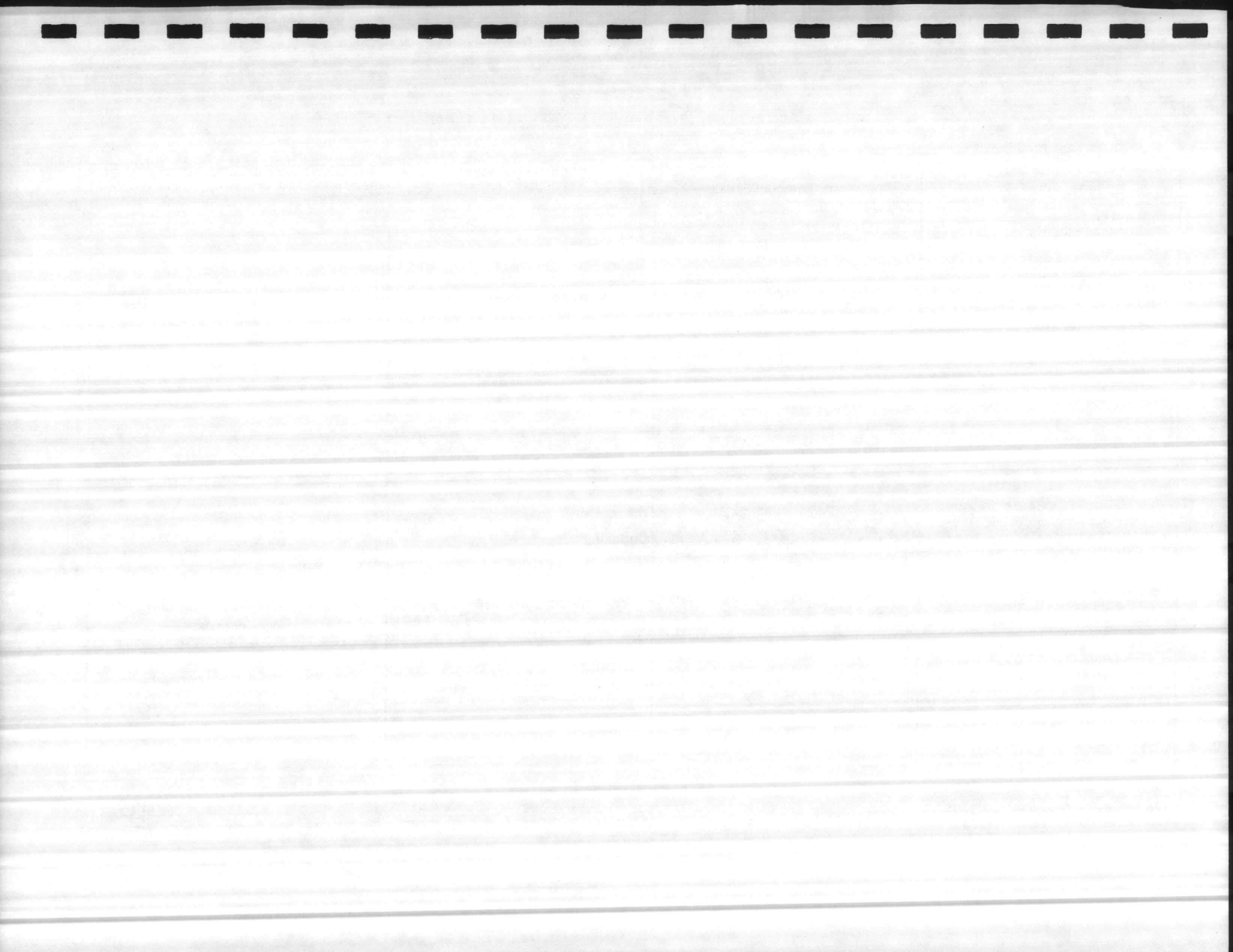
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



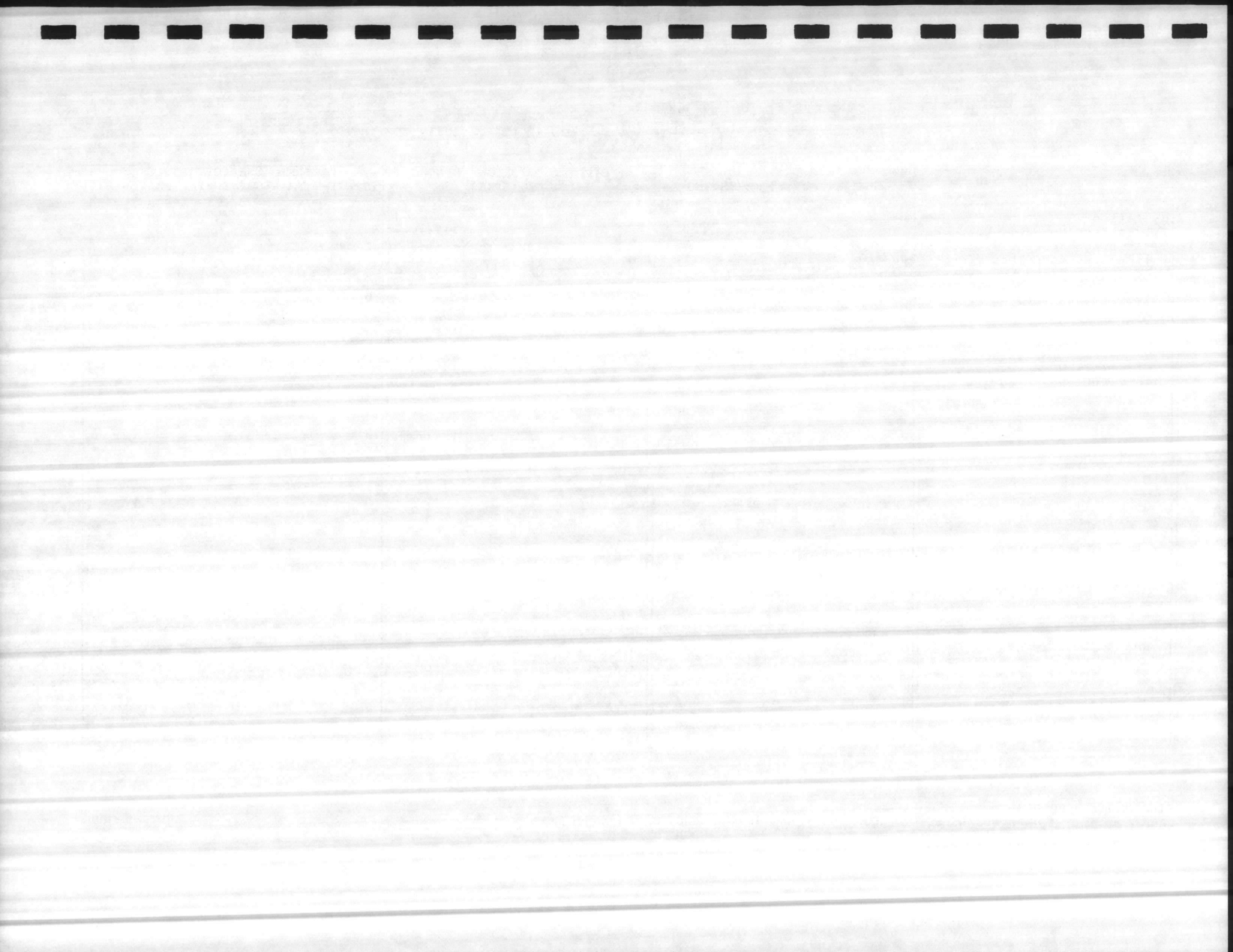
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	MK19, M203		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



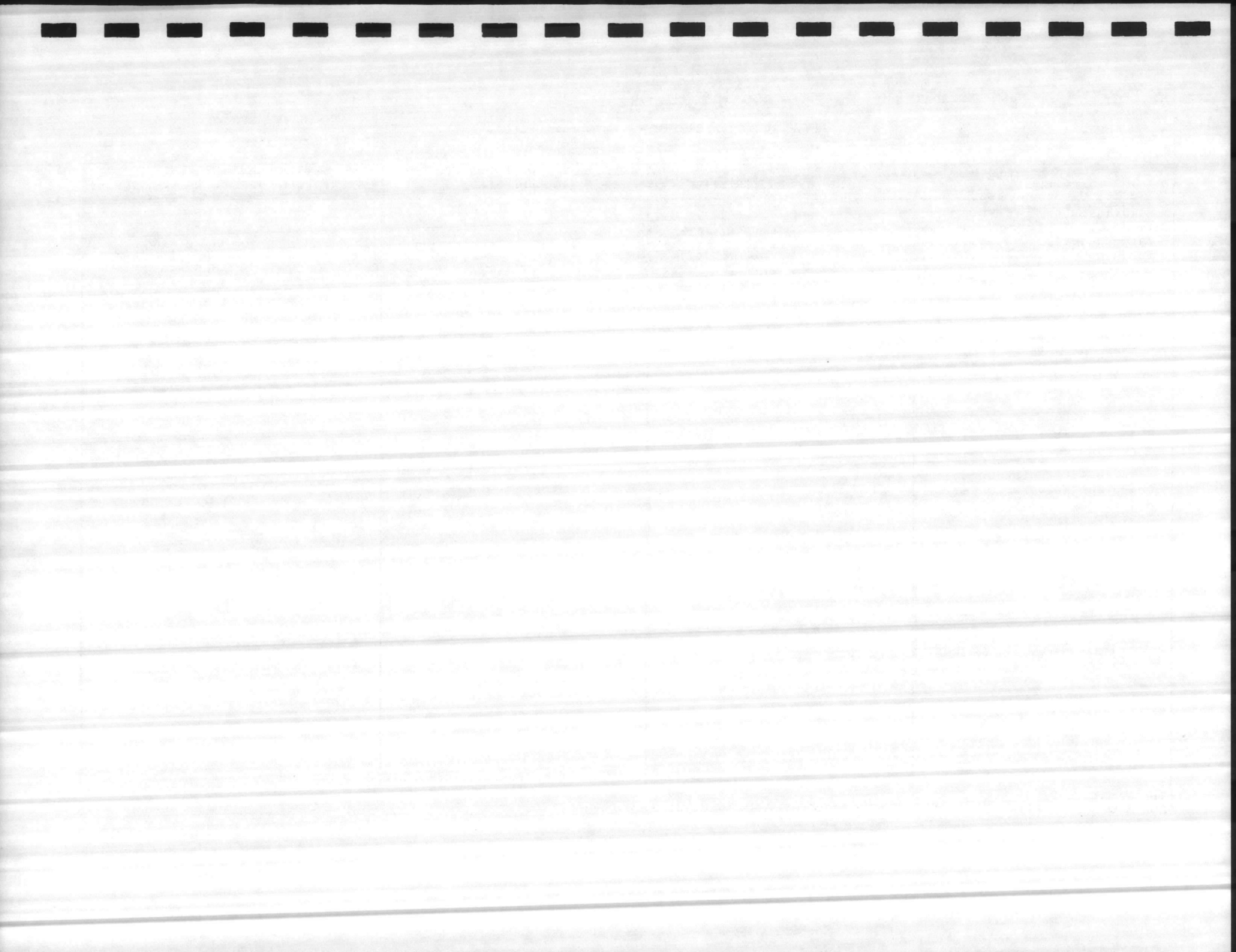
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	14 .....	.....	
Ammunition (km).....	34 .....	.....	
Rations (km).....	14 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	90 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use?	No		
Yes, No			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No fire zone		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No downrange movement		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

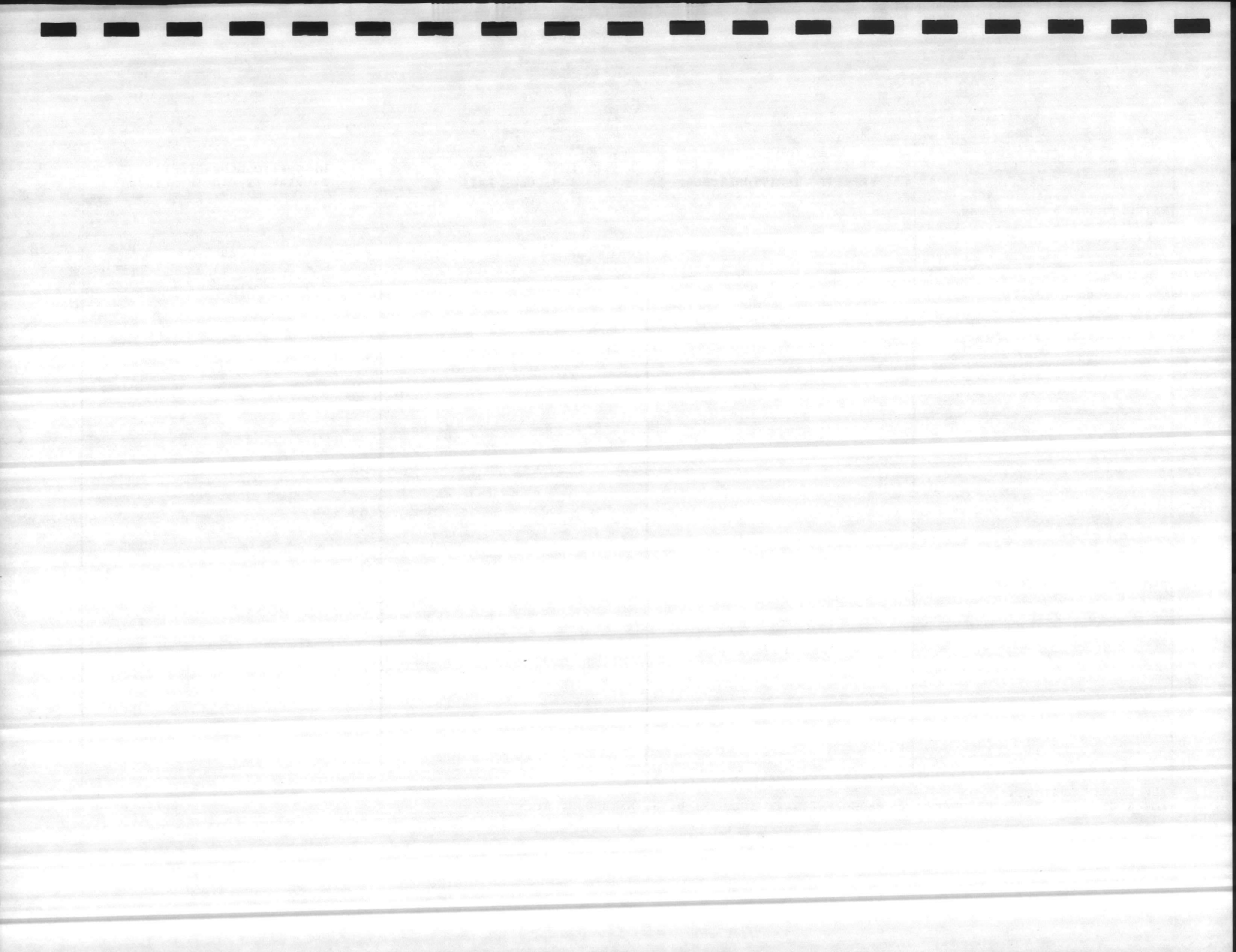
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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator, Blanks  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-212 Infiltration/Individual Movement Range, MCB, Camp Lejeune, NC  
 Infiltration/Individual Movement Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.3 X 1.4		
Primary Direction of Fire	2624 MILS/148 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP781353		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	12		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X    X		

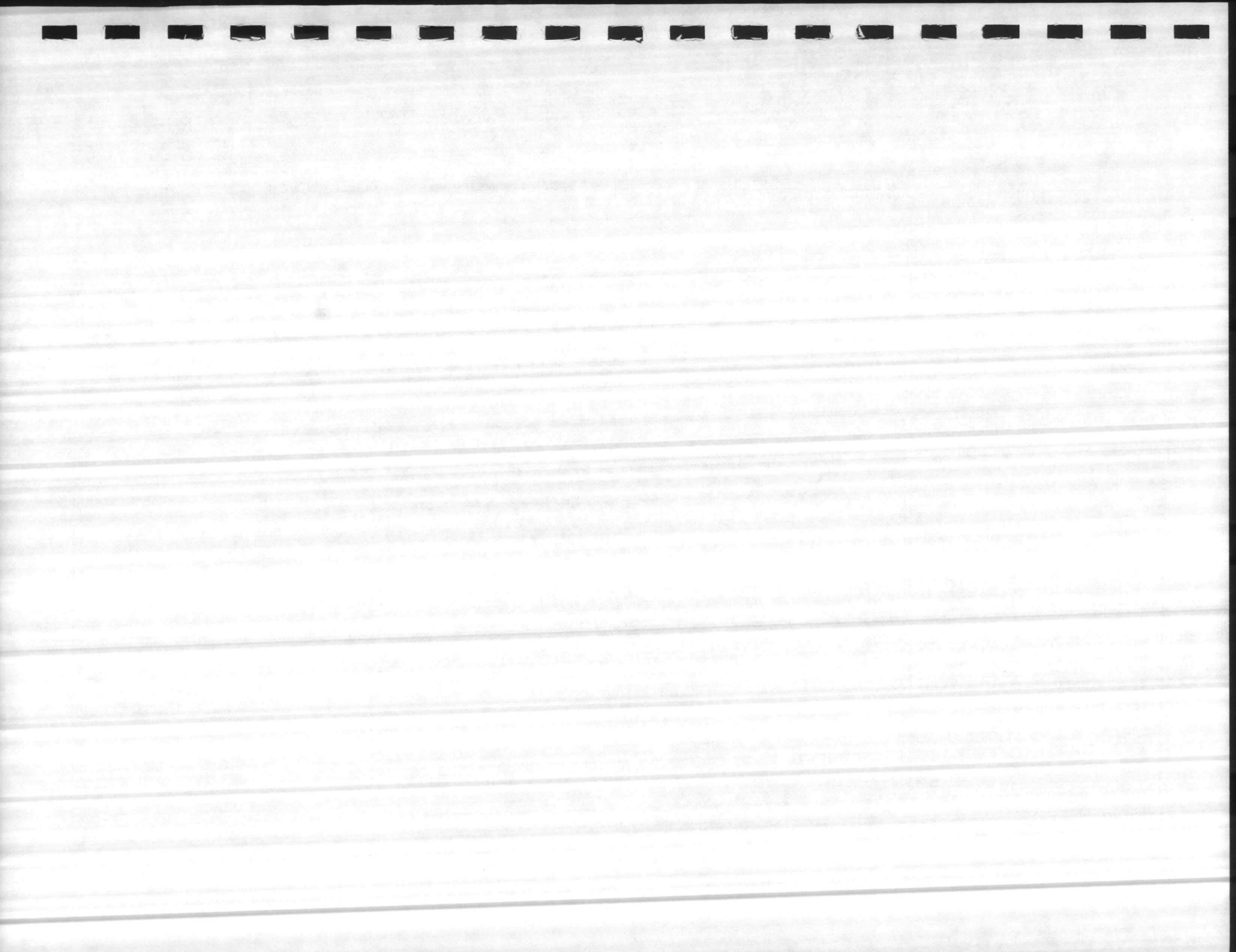
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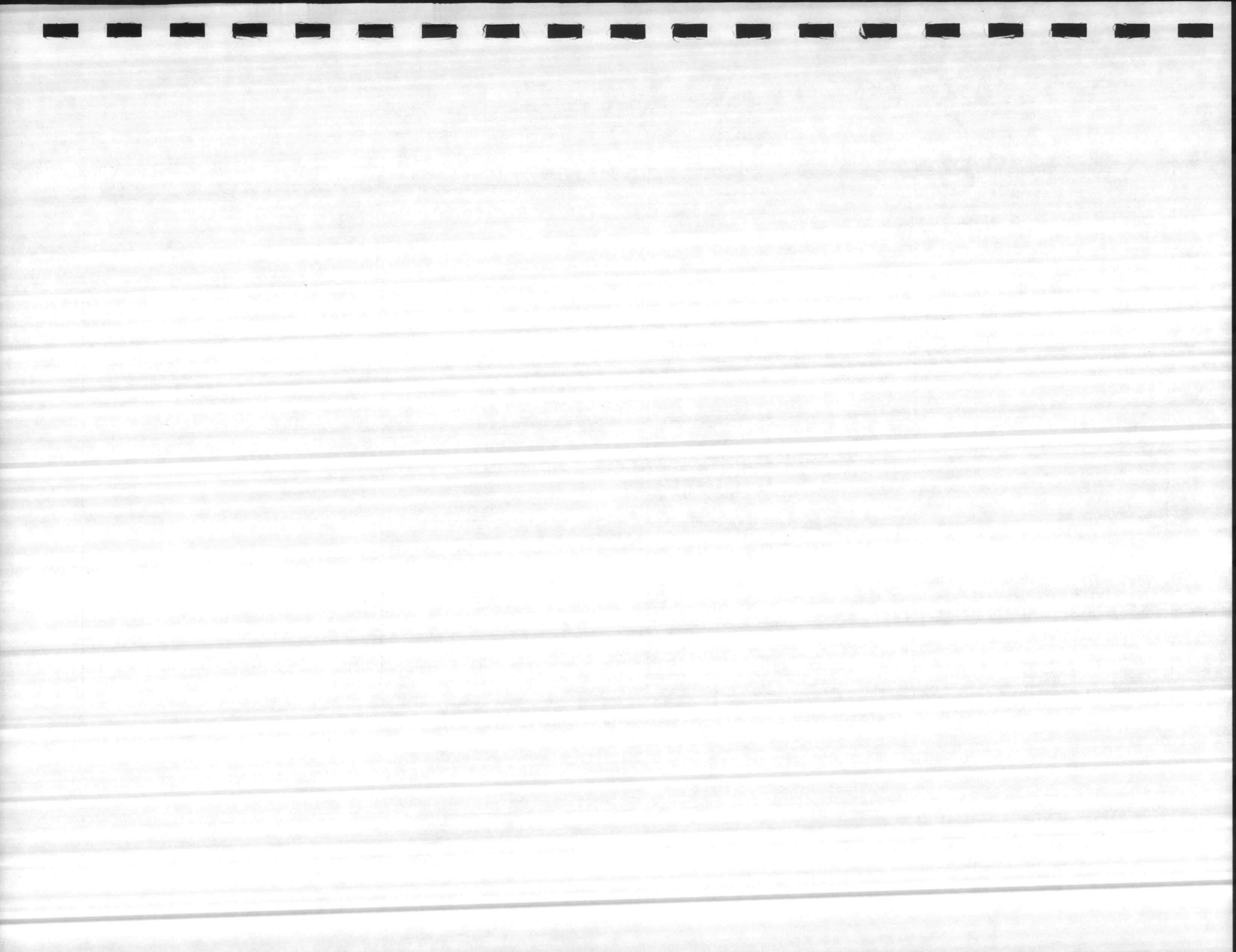
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



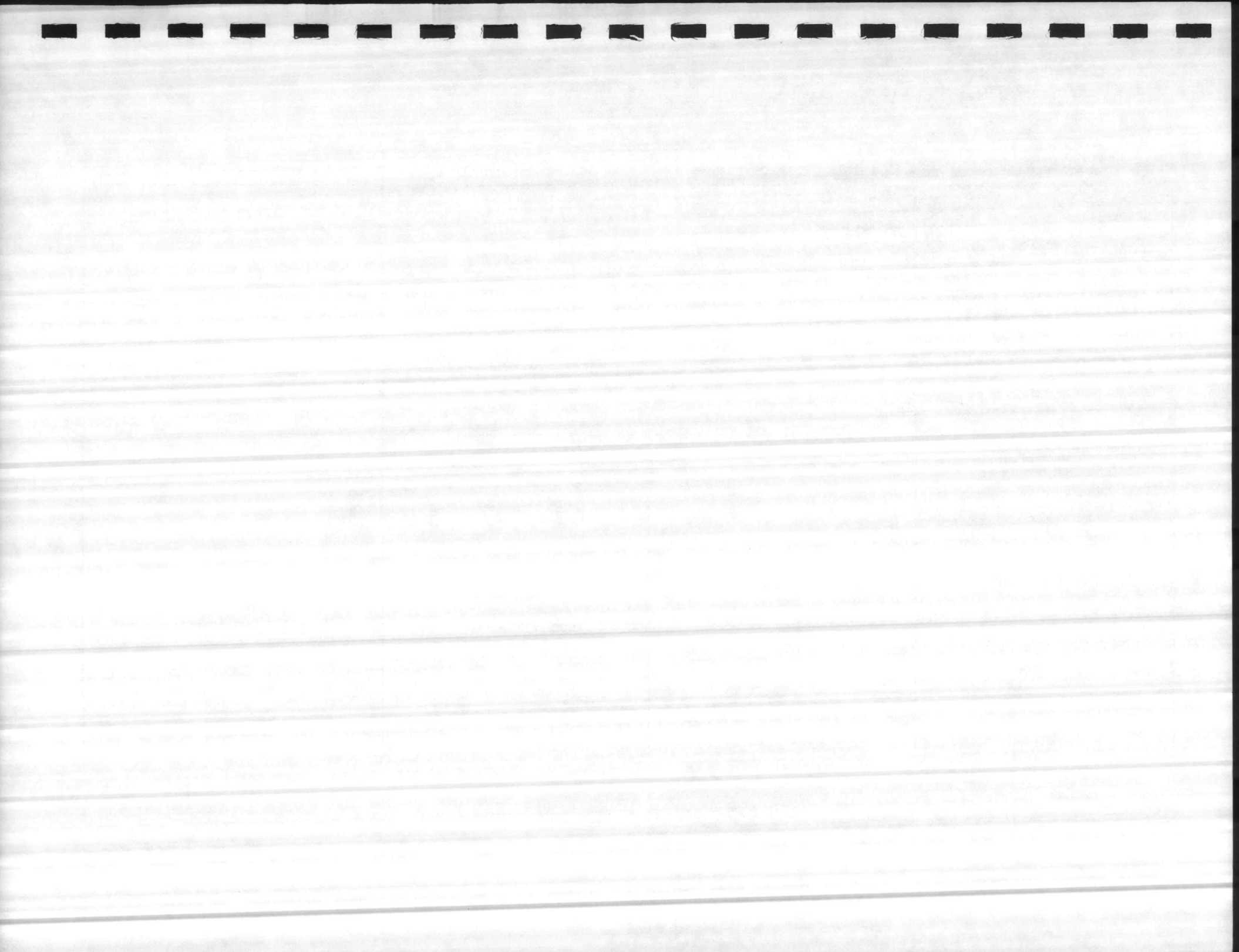
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	NA		
Are There Associated Simulation Devices? Yes, No, NA	Yes 2 artillery 2 machine gun		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16 blanks, M60 blanks, machine gun simulation, 1/4-lb demolitions		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





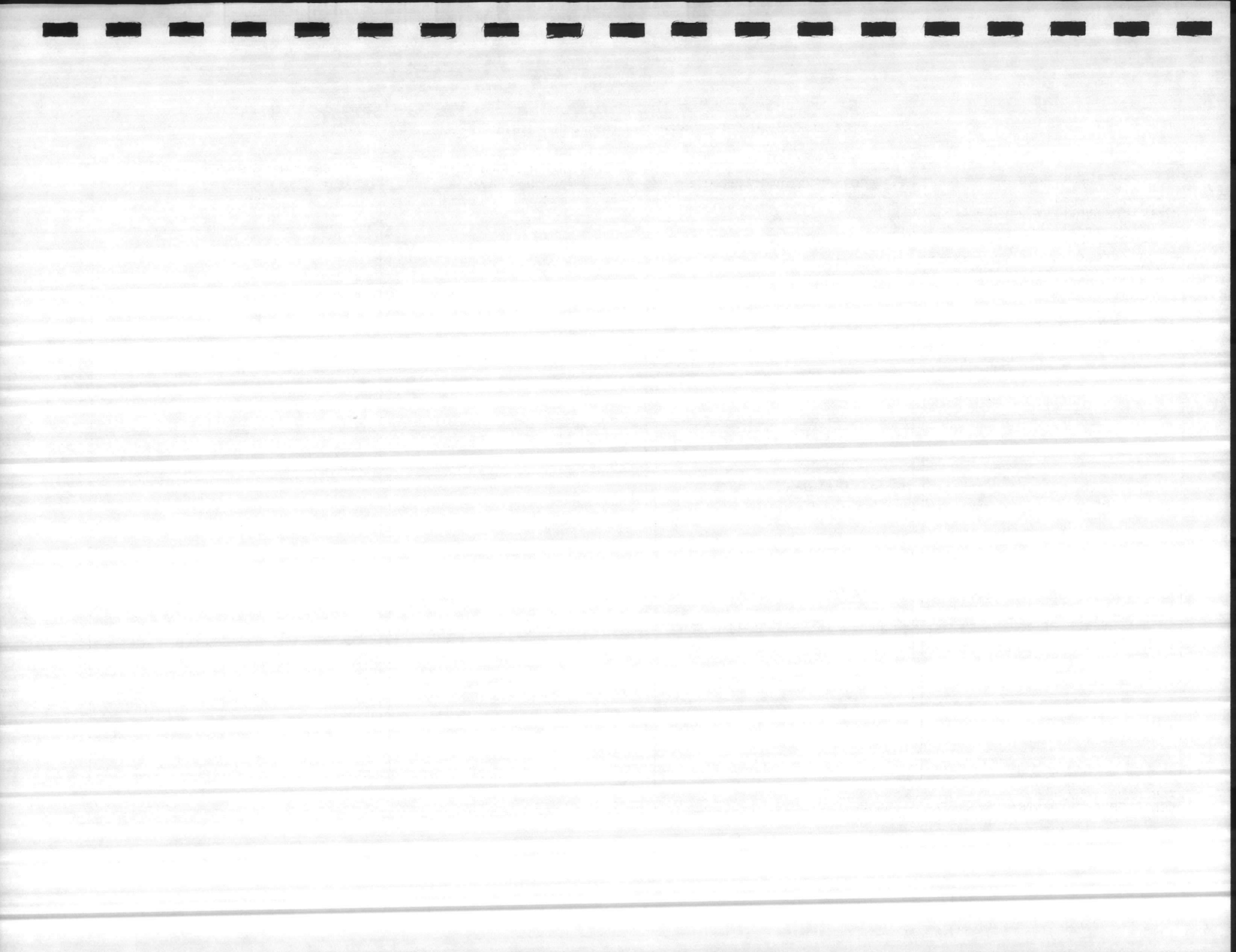
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	14 .....	.....	
Ammunition (km).....	34 .....	.....	
Rations (km).....	14 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	200 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	345		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



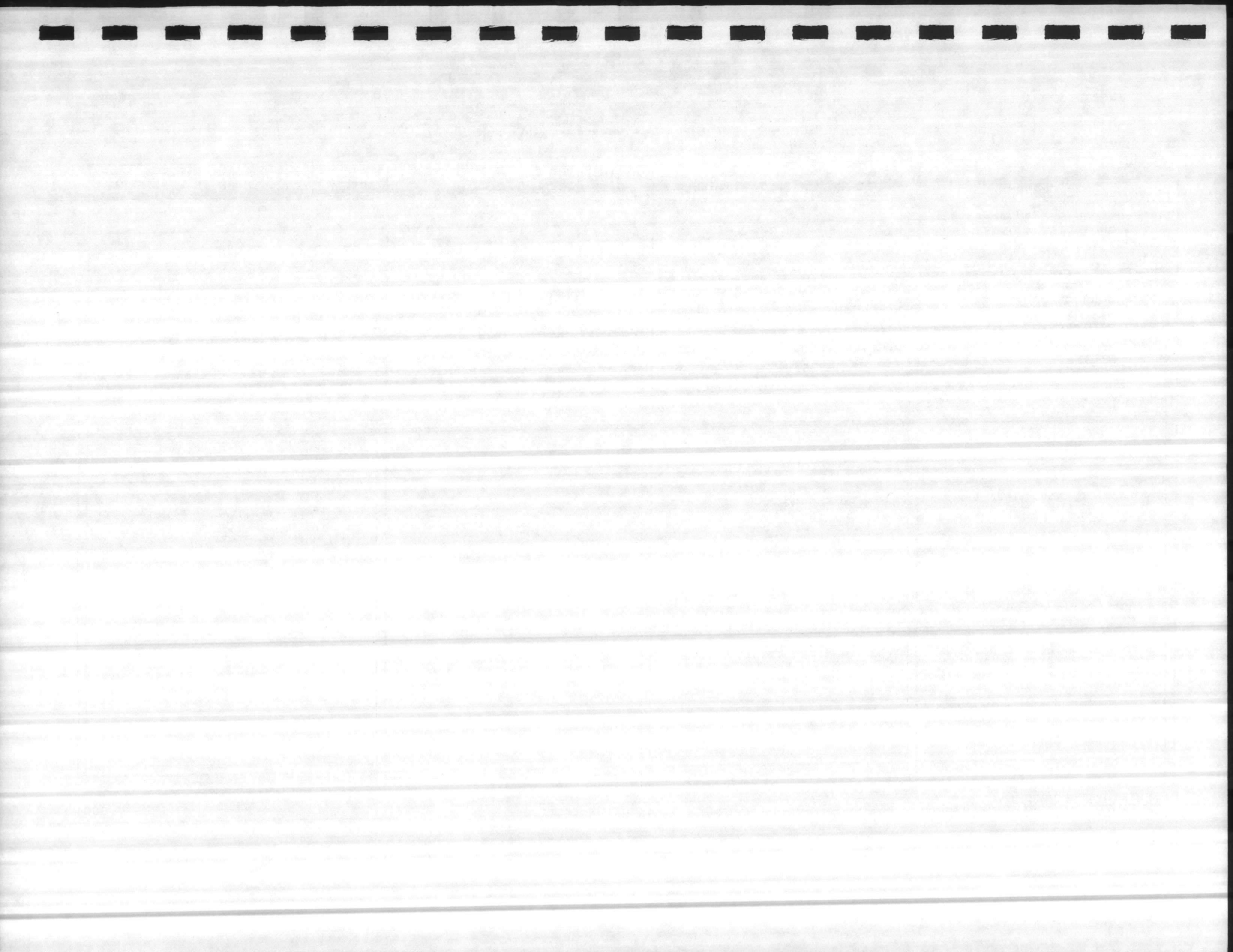
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	20 ..... 20 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Demolition pits		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Barbed wire infiltration course		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-301 LAW and SMAW Range, MCB, Camp Lejeune, NC  
 LAW and SMAW Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.7 X .45		
Primary Direction of Fire	2654 MILS/149 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP788359		
Safety Buffer Rear (km).....	80 m M72 LAAW, 60 m SMAW		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities Control Tower.....	X		
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

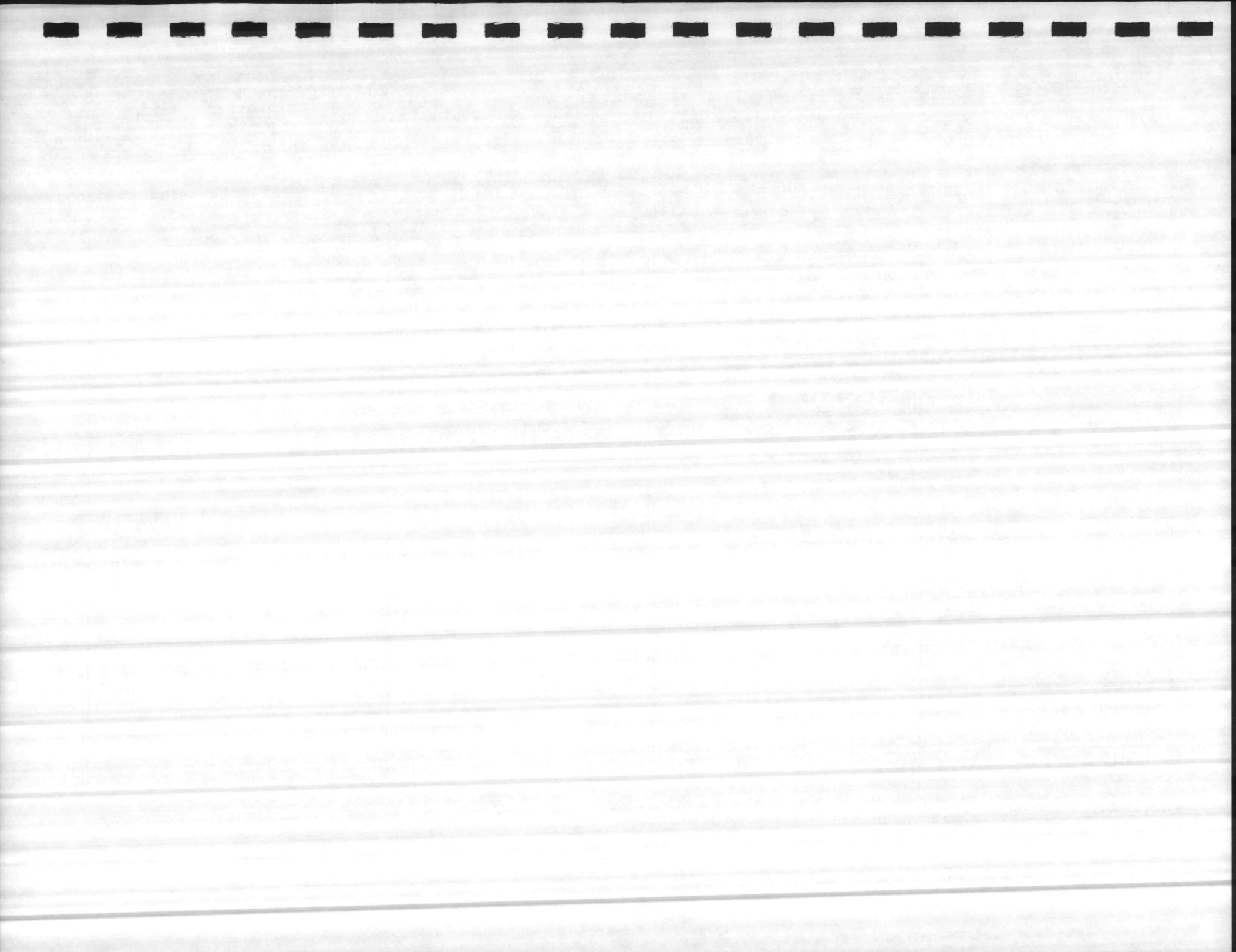
FILE NAME: LP010037

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

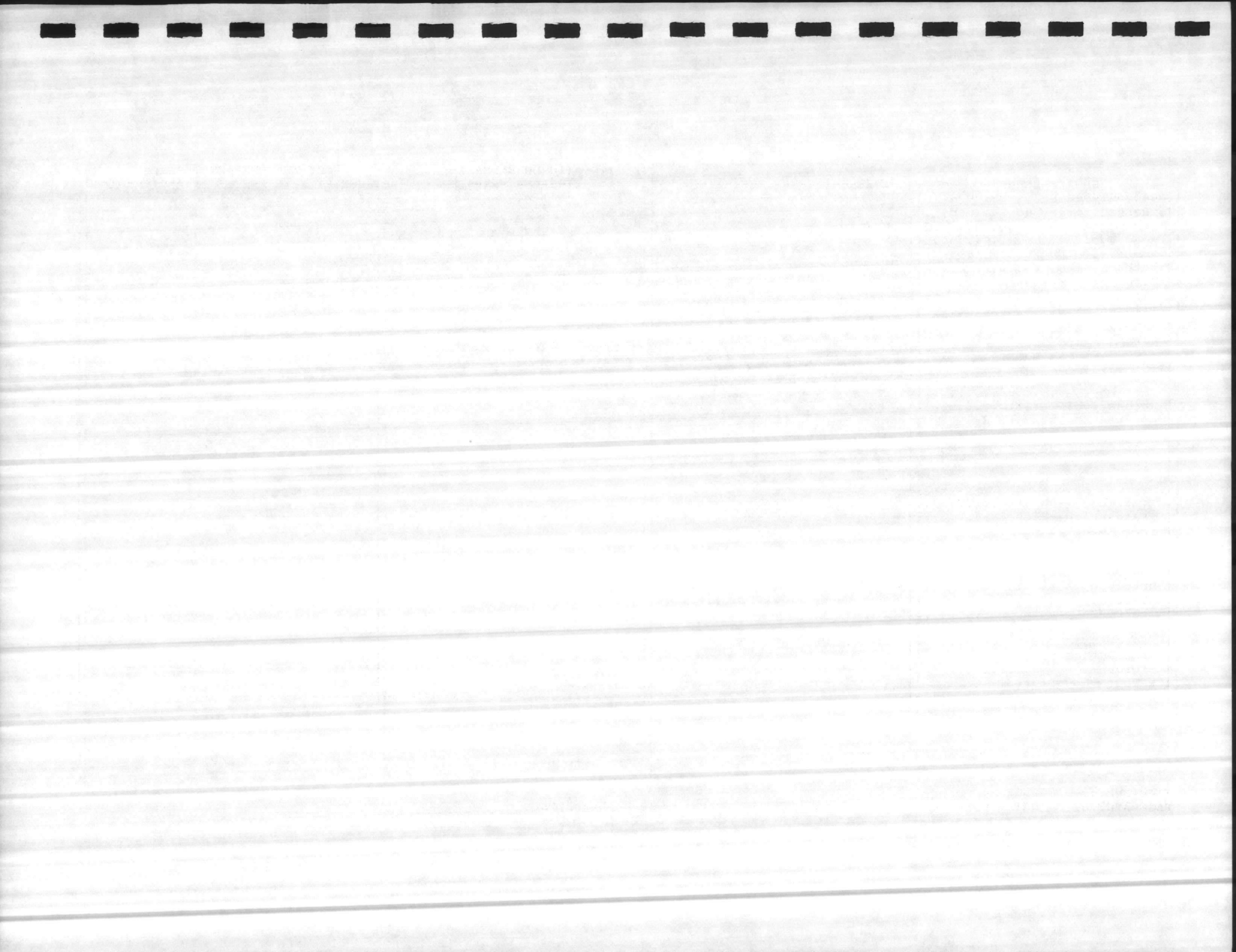
LFRTS-P-0001





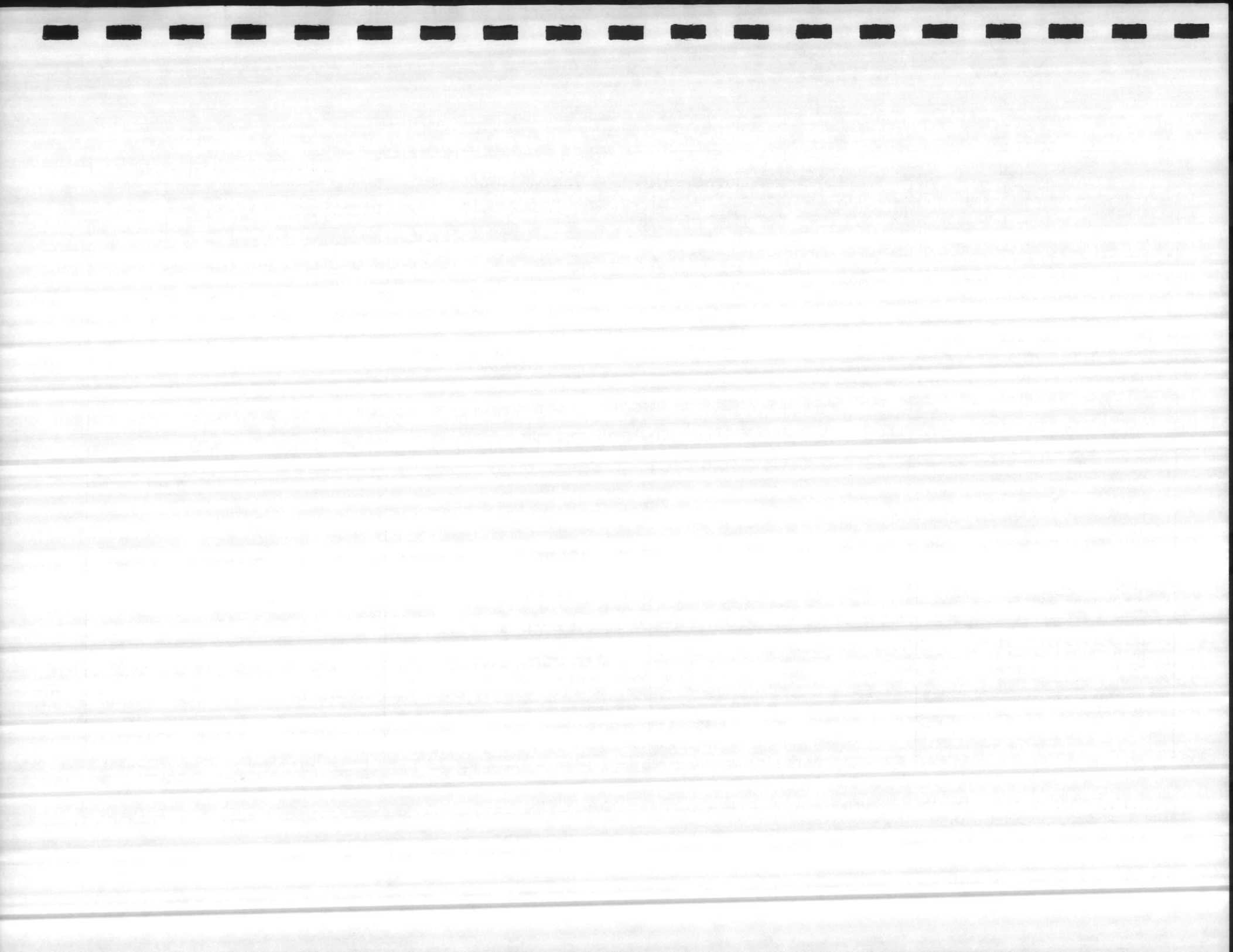
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....	     X X		
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	SMAW, M72 LAW, 60-mm illumination, 81-mm illumination		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



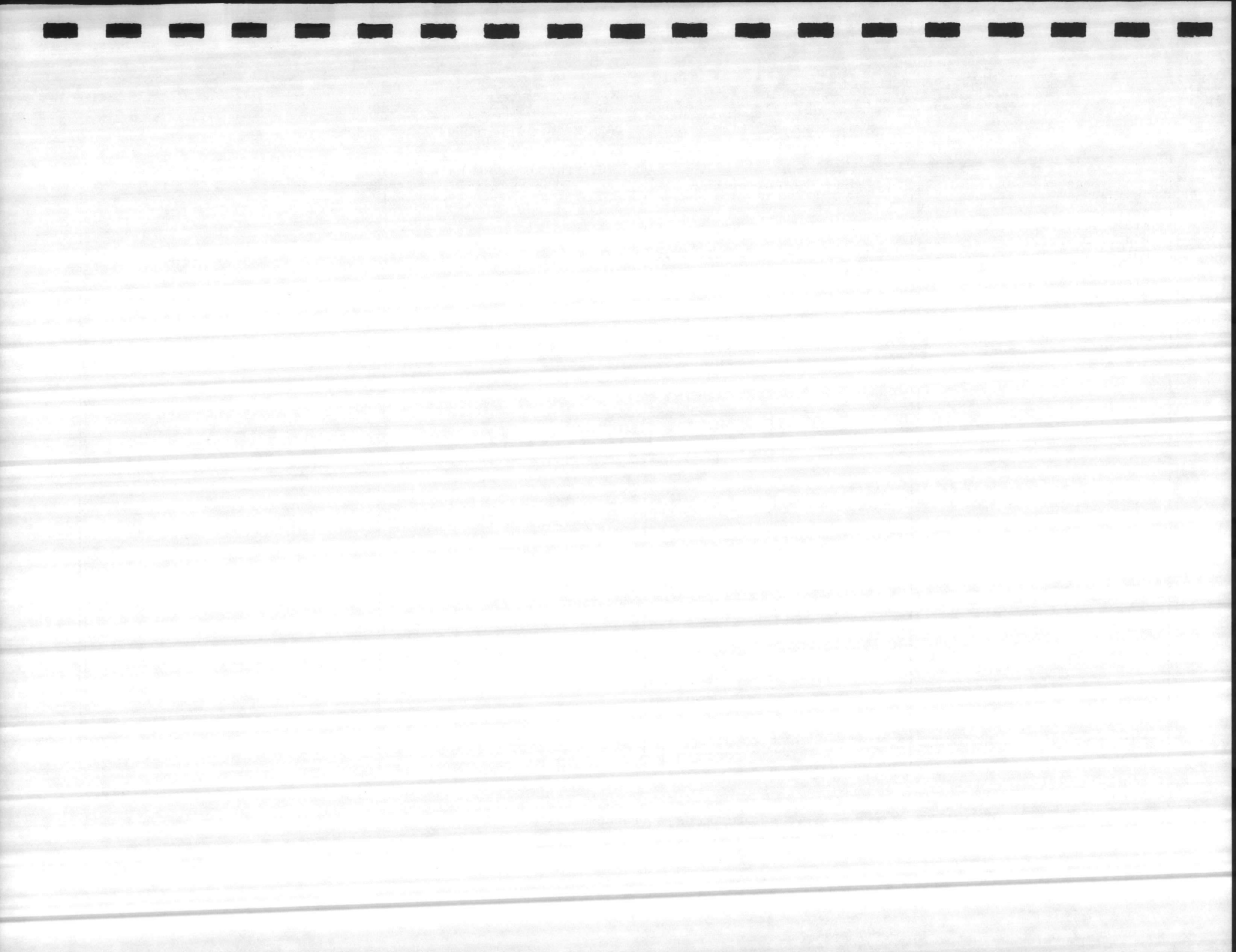
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	14 .....	.....	
Ammunition (km).....	34 .....	.....	
Rations (km).....	14 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	48 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Direct fire downrange		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Troops remain in bleachers		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		

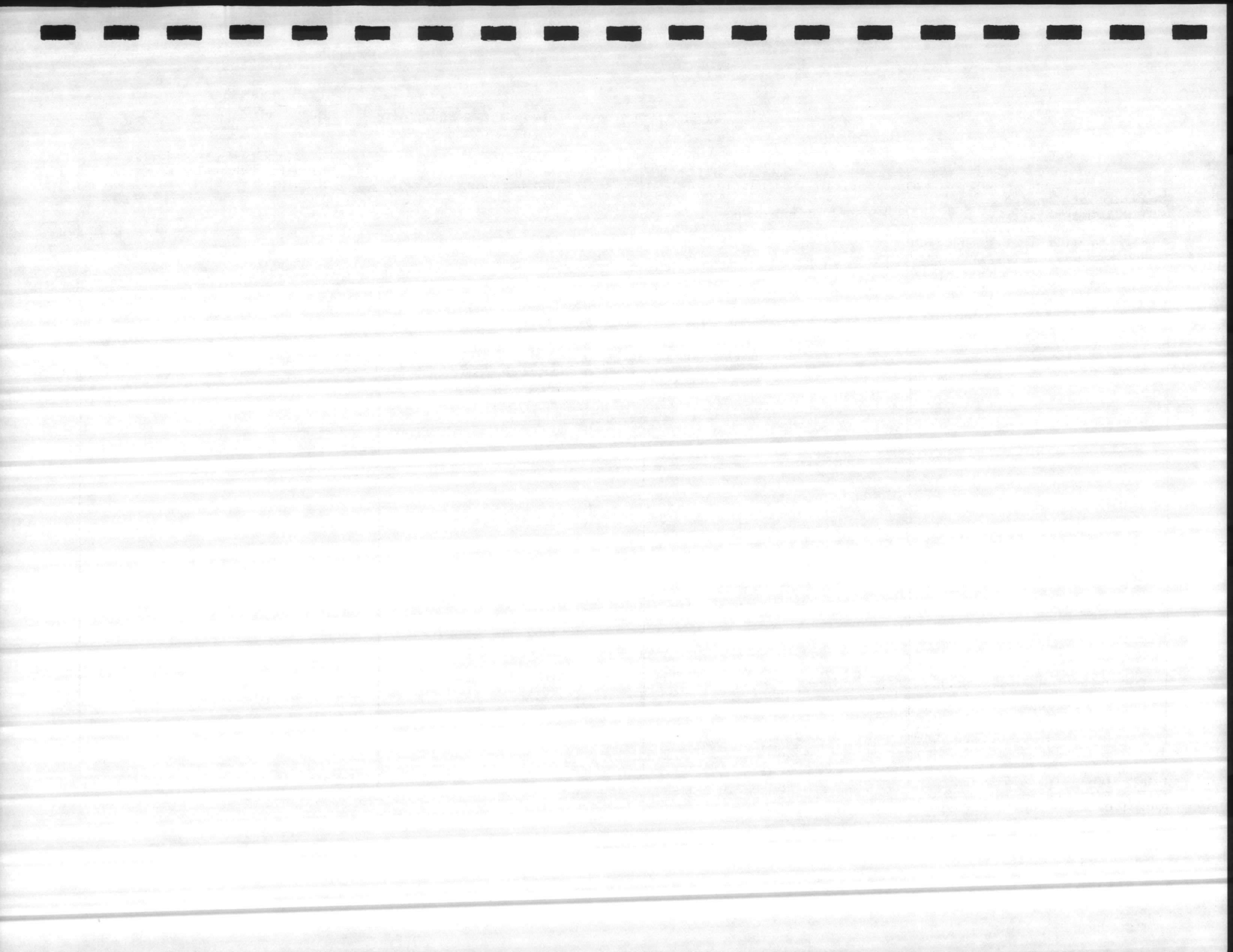
FILE NAME: LP010037

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-302 Field Firing and Battlesight Range, MCB, Camp Lejeune, NC  
 Field Firing and Battlesight Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

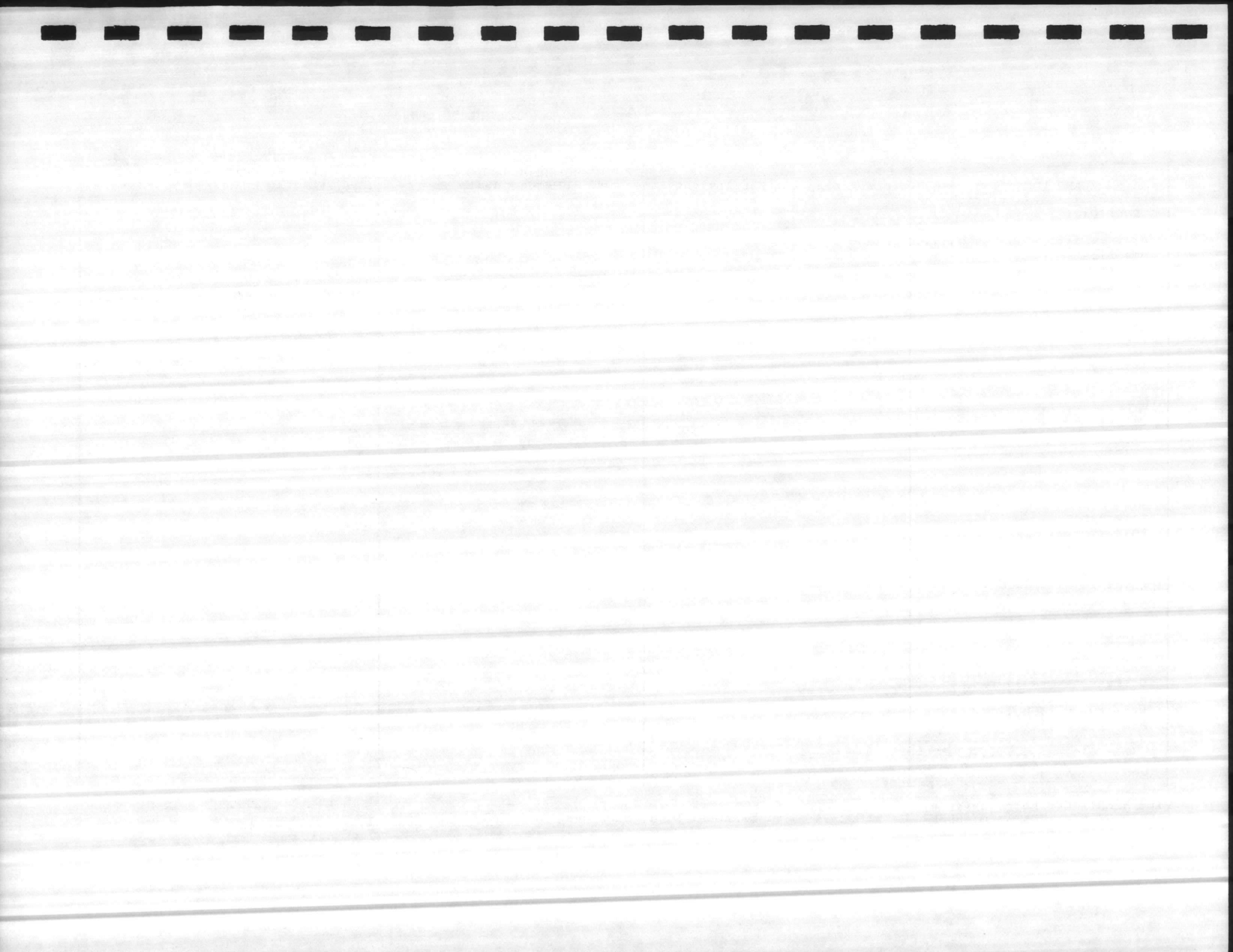
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.2 X 1.5		
Primary Direction of Fire	3277 MILS/184 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP793359		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	50		
Range Facilities Control Tower..... Communications System..... X Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....			

FILE NAME: LP010038

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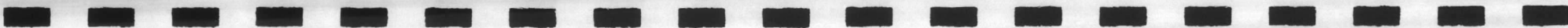
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



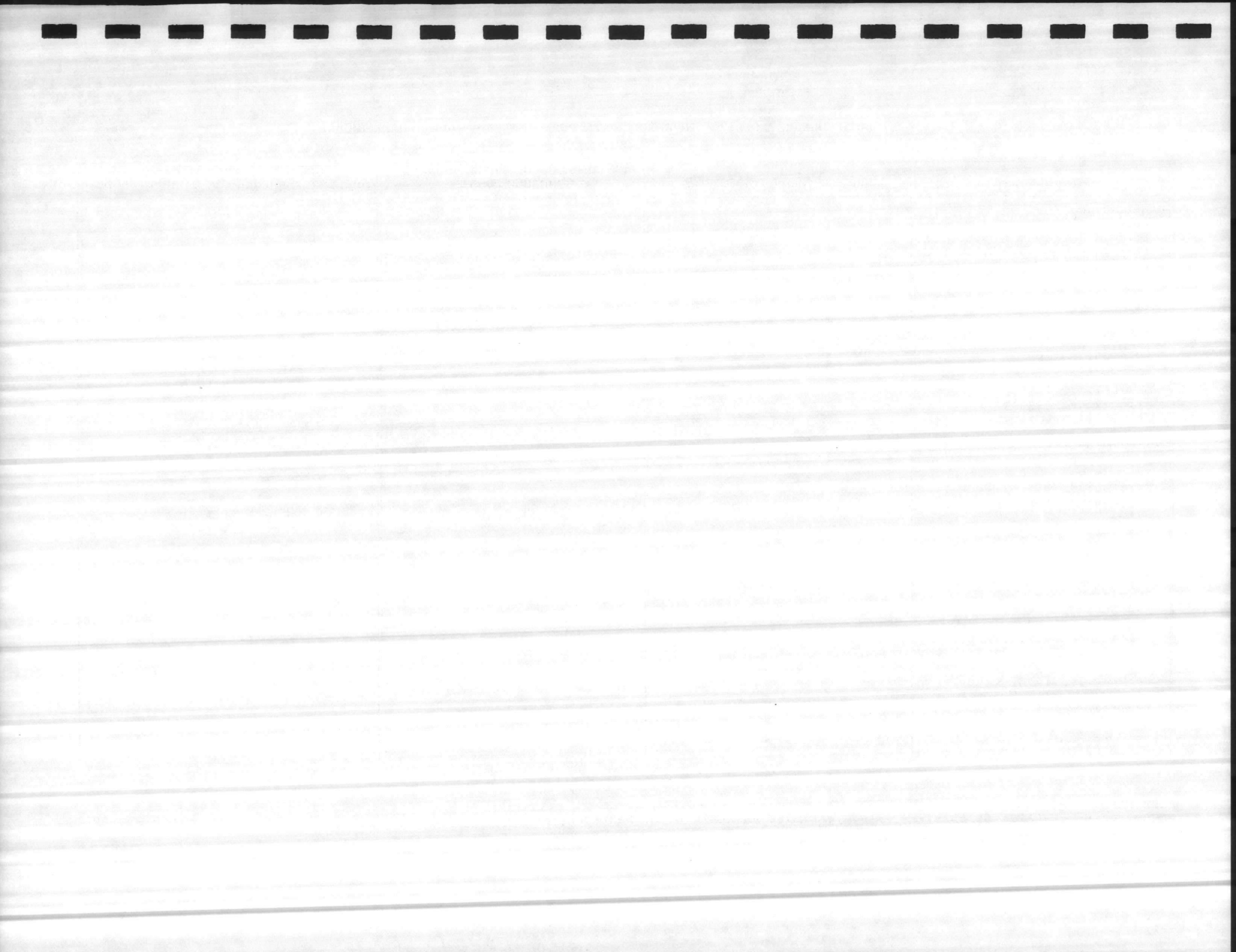
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

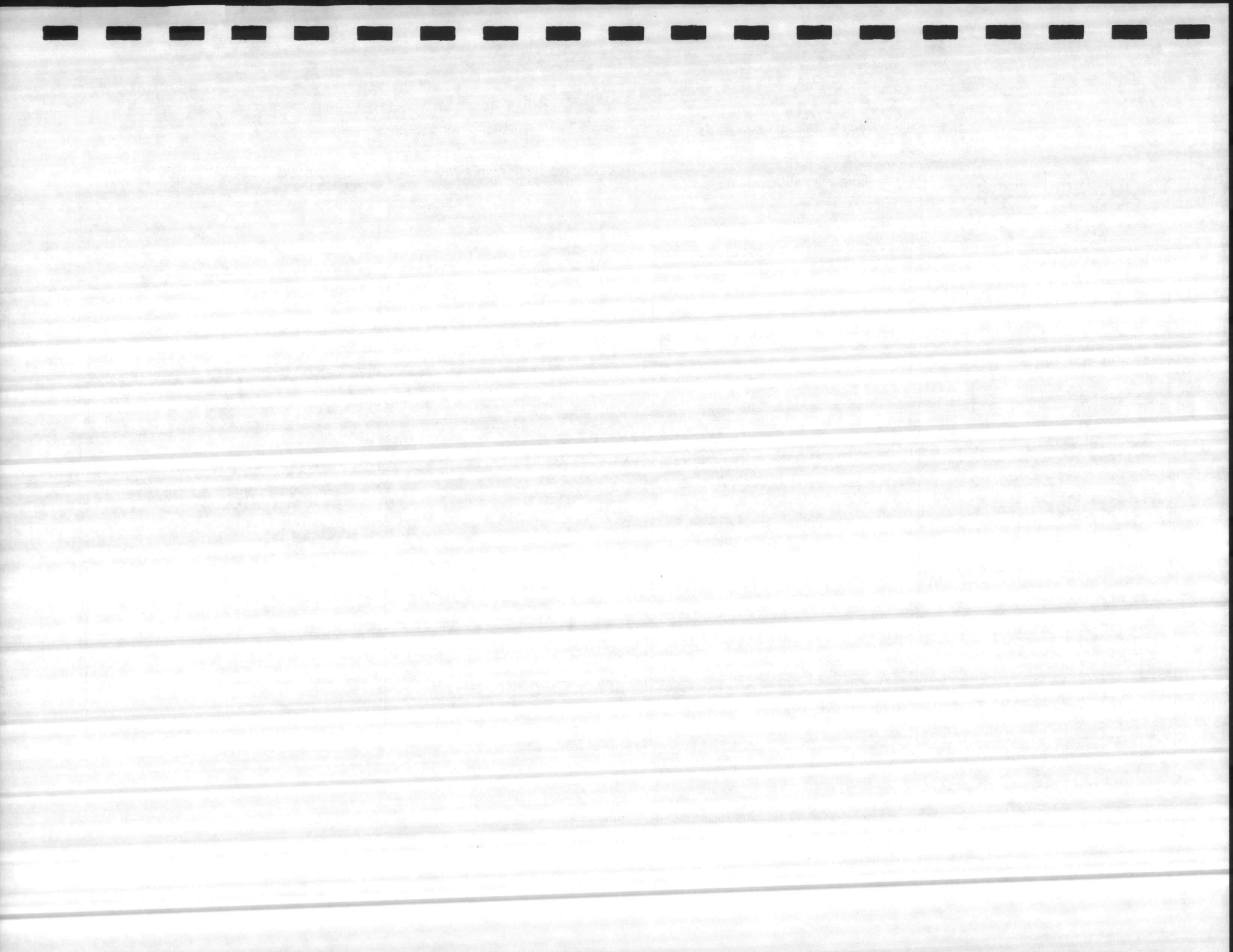
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





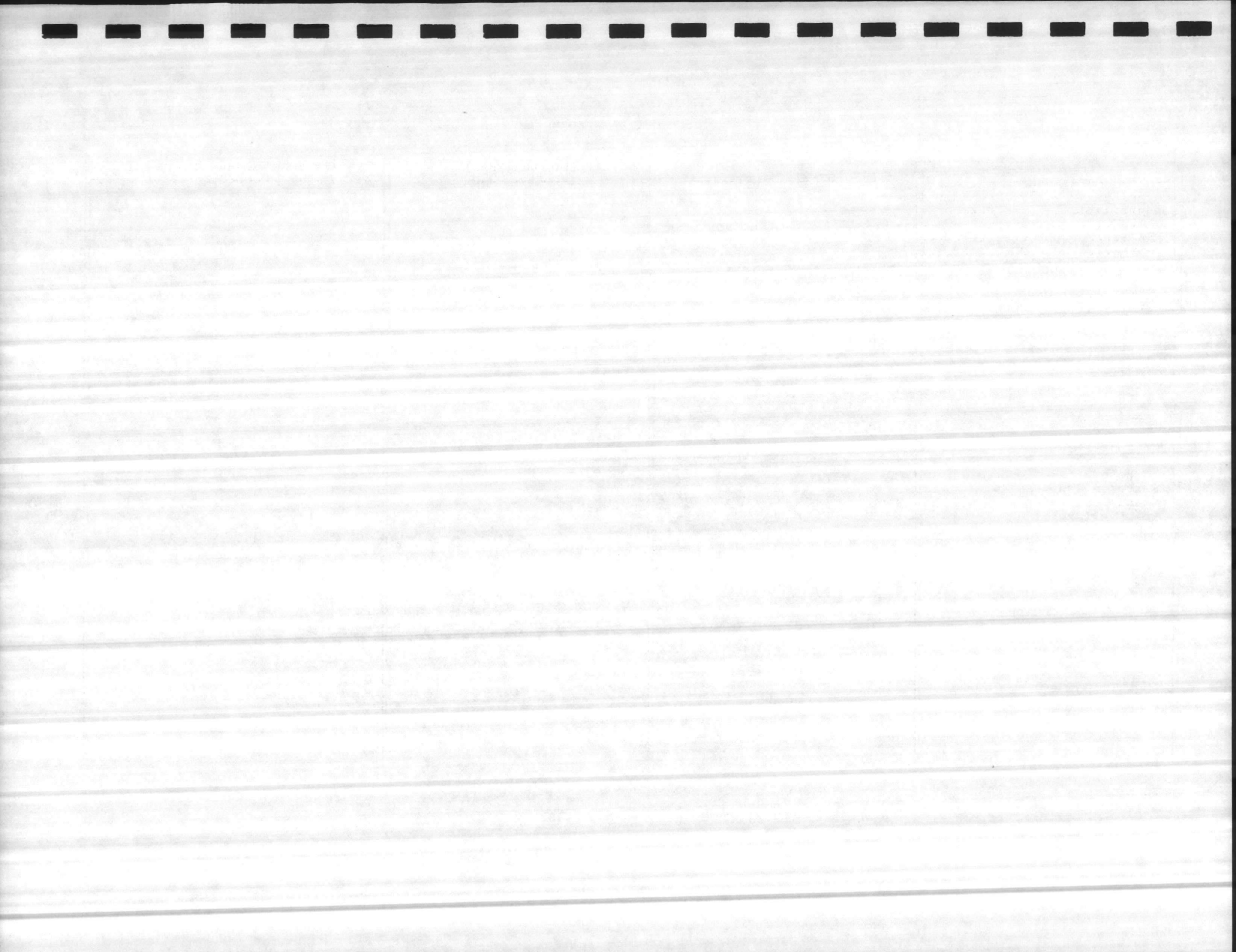
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	.....
Percentage Sparse.....	.....	.....	.....
Percentage Moderate.....	100 .....	.....	.....
Percentage Heavy.....	.....	.....	.....
Access			
No. of Land Access Routes...	1 .....	.....	.....
No. of Land Water Routes....	.....	.....	.....
No. of Air Ingress Routes....	.....	.....	.....
No. of Air Egress Routes....	.....	.....	.....
No. of Beach Access Areas...	.....	.....	.....
Distance from Supply Points			
POL (km).....	14 .....	.....	.....
Ammunition (km).....	34 .....	.....	.....
Rations (km).....	14 .....	.....	.....
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	300 .....	.....	.....
No. of Batteries.....	.....	.....	.....
No. of Crew-Served Wpns...	.....	.....	.....
No. of Aircraft/Helos.....	.....	.....	.....
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year			
Total.....	15	0	0
Maintenance.....	15		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

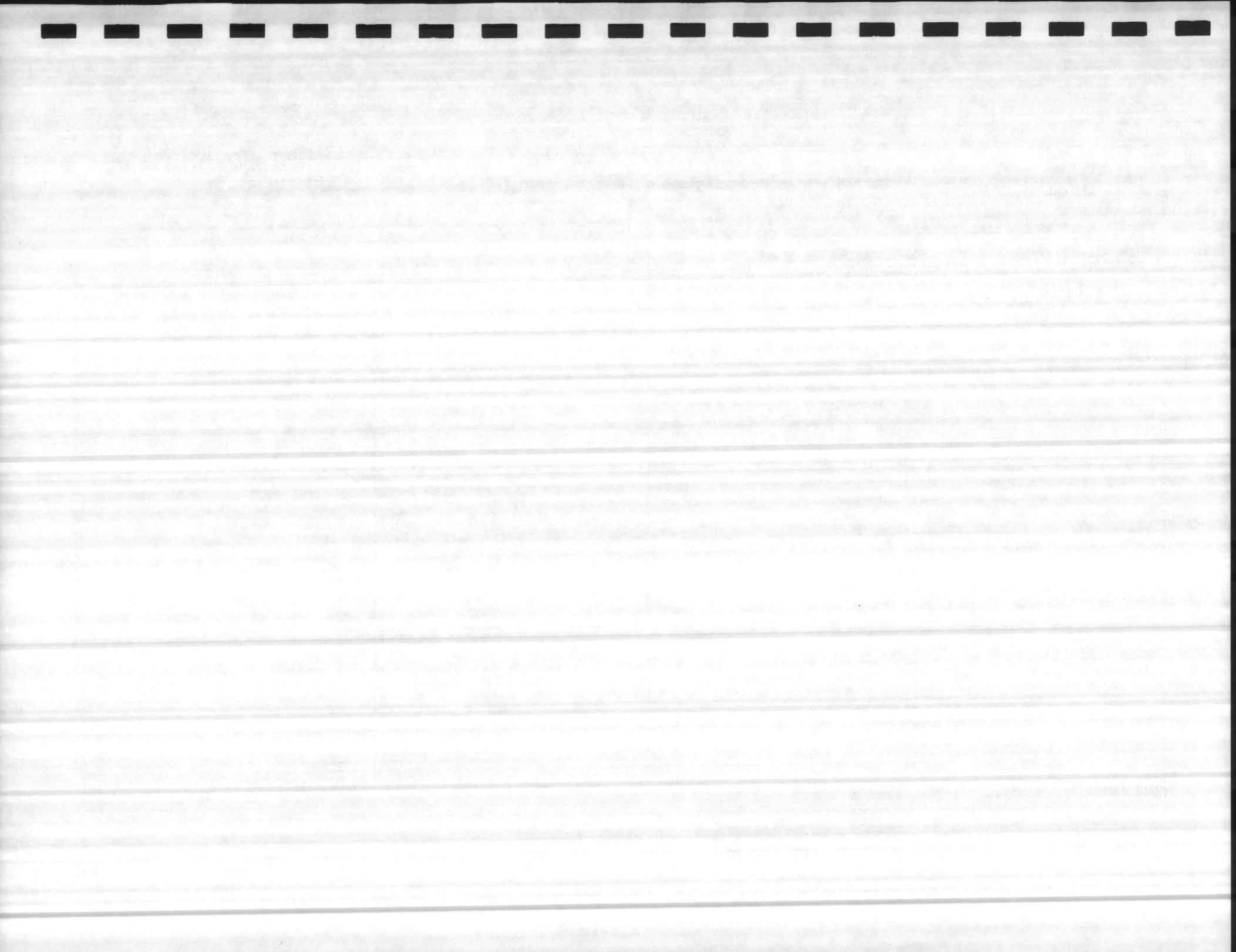
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		

FILE NAME: LP010038

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-303 Fire and Mortar Firing Range, MCB, Camp Lejeune, NC  
 Fire and Mortar Firing Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.2 X 1.3		
Primary Direction of Fire	3321 MILS/187 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP796359		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	6		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

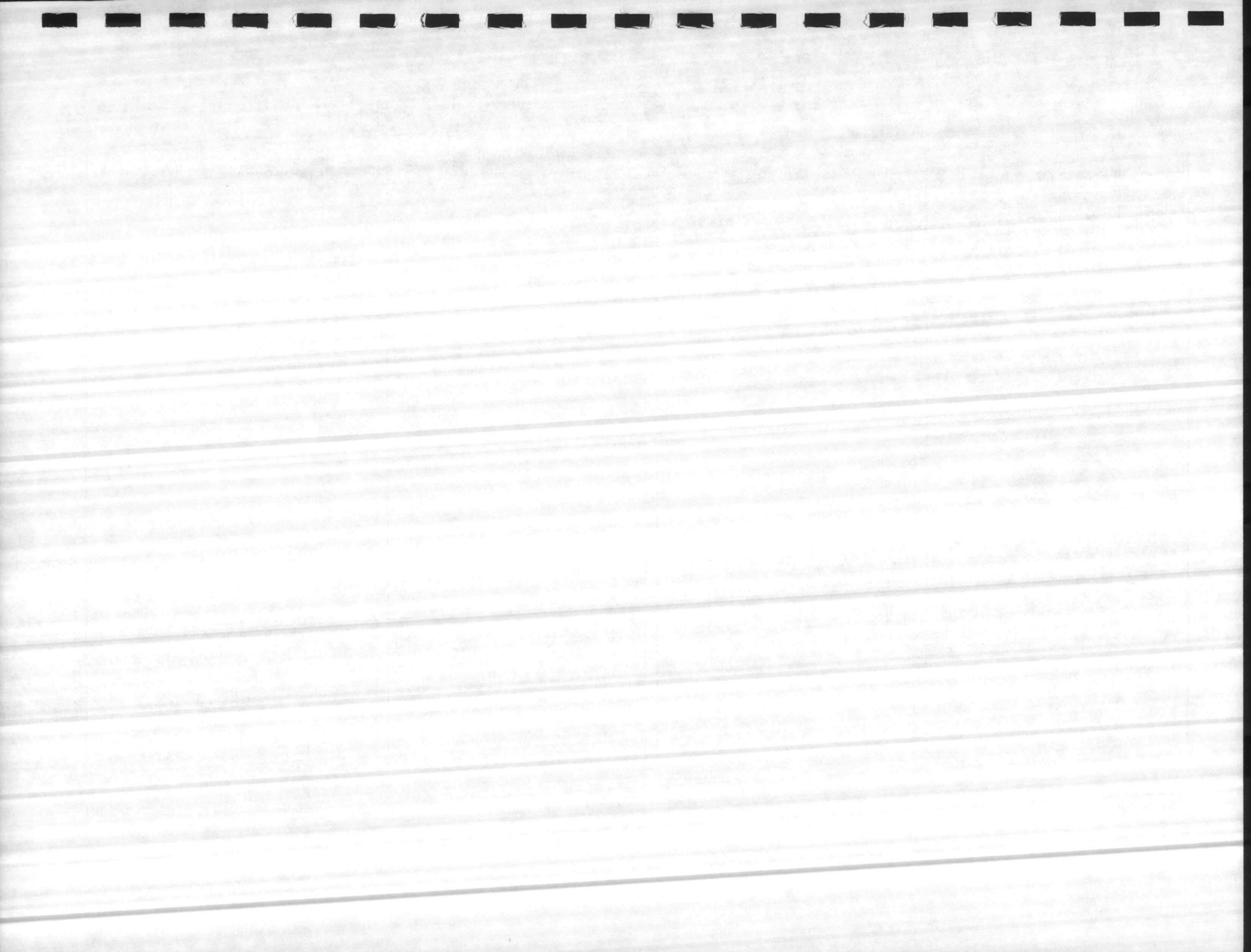
FILE NAME: LP010039

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

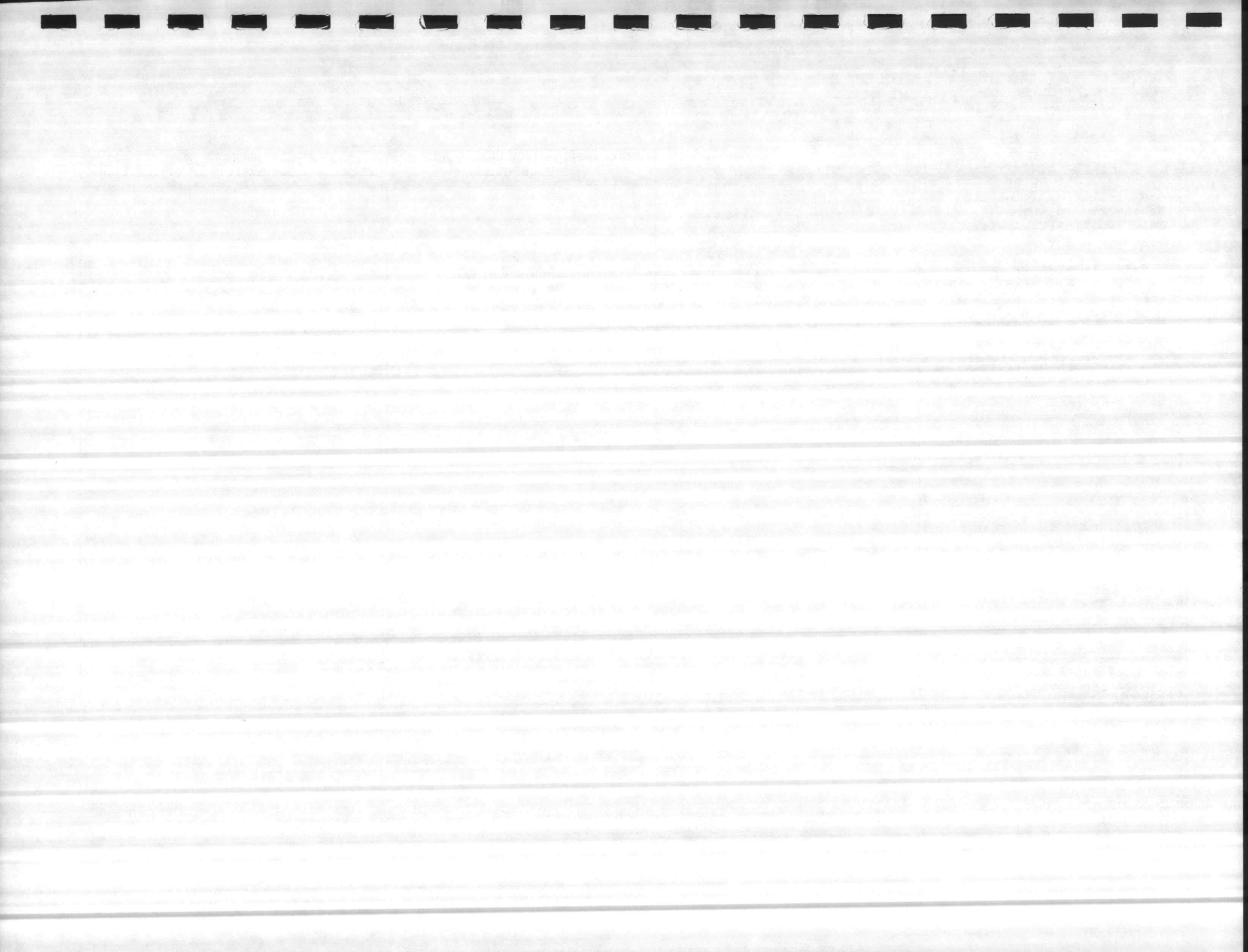
LFRTS-P-0001





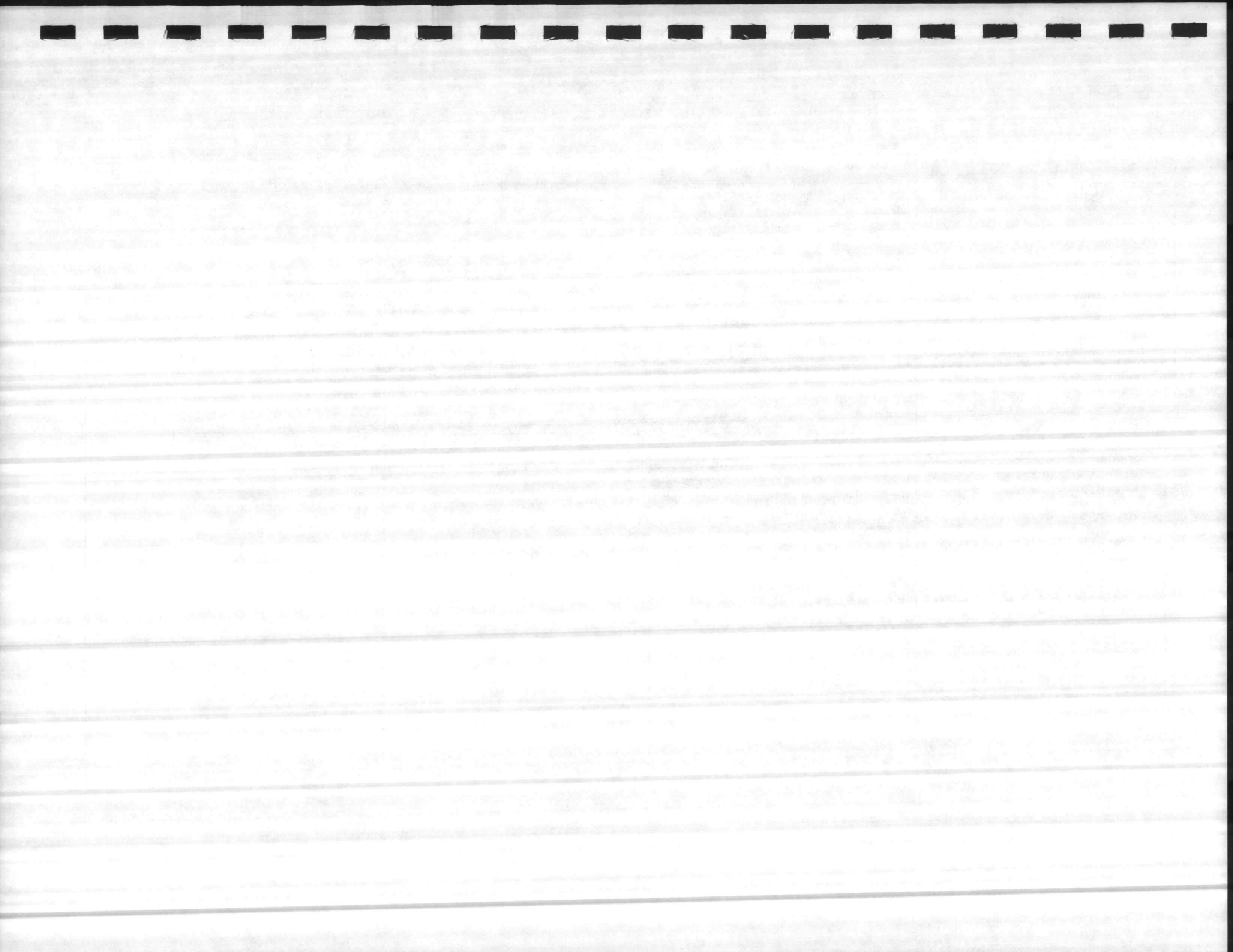
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16, M60, SAW, M203, 1/4-lb demolitions, 60-mm, 81-mm		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



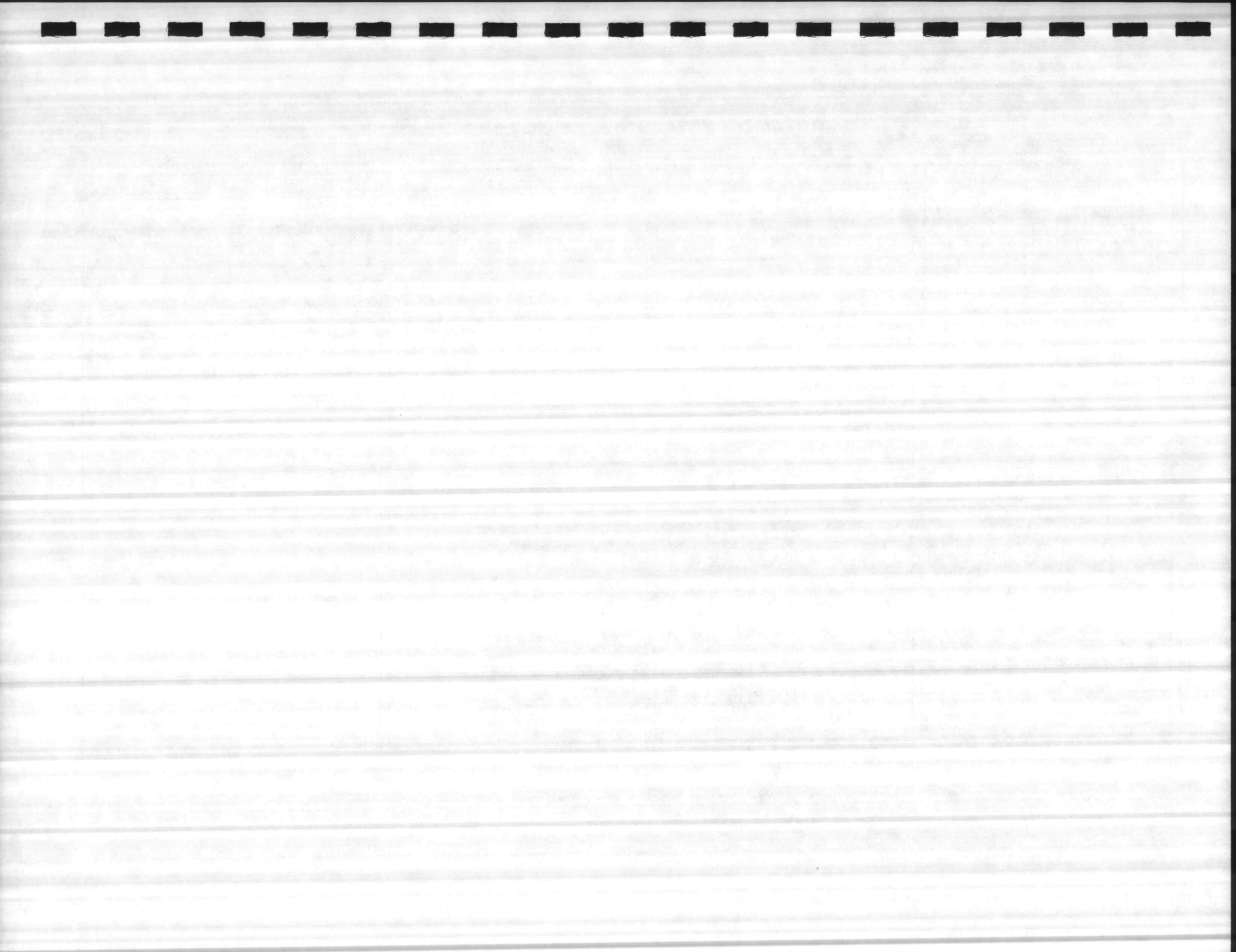
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	14 34 14		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	750		
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		

DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IN APPLICATION)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
		X Woodpecker habitat	Restrictions on Range Use Environmental AICD FAA Noise Gas/Chemical Hydrochemical Time of Day Time of Year Other

LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5	0	0
Other Ranges Which Must Be Closed When This Range is in Use	K-304		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No downrange movement		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	Yes No fire zone		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		

FILE NAME: LP010039

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-304 Helicopter Door Gunnery Range, MCB, Camp Lejeune, NC  
 Helicopter Door Gunnery Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1 X .55		
Primary Direction of Fire	3081 MILS/173 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP798359		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	NA		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....			

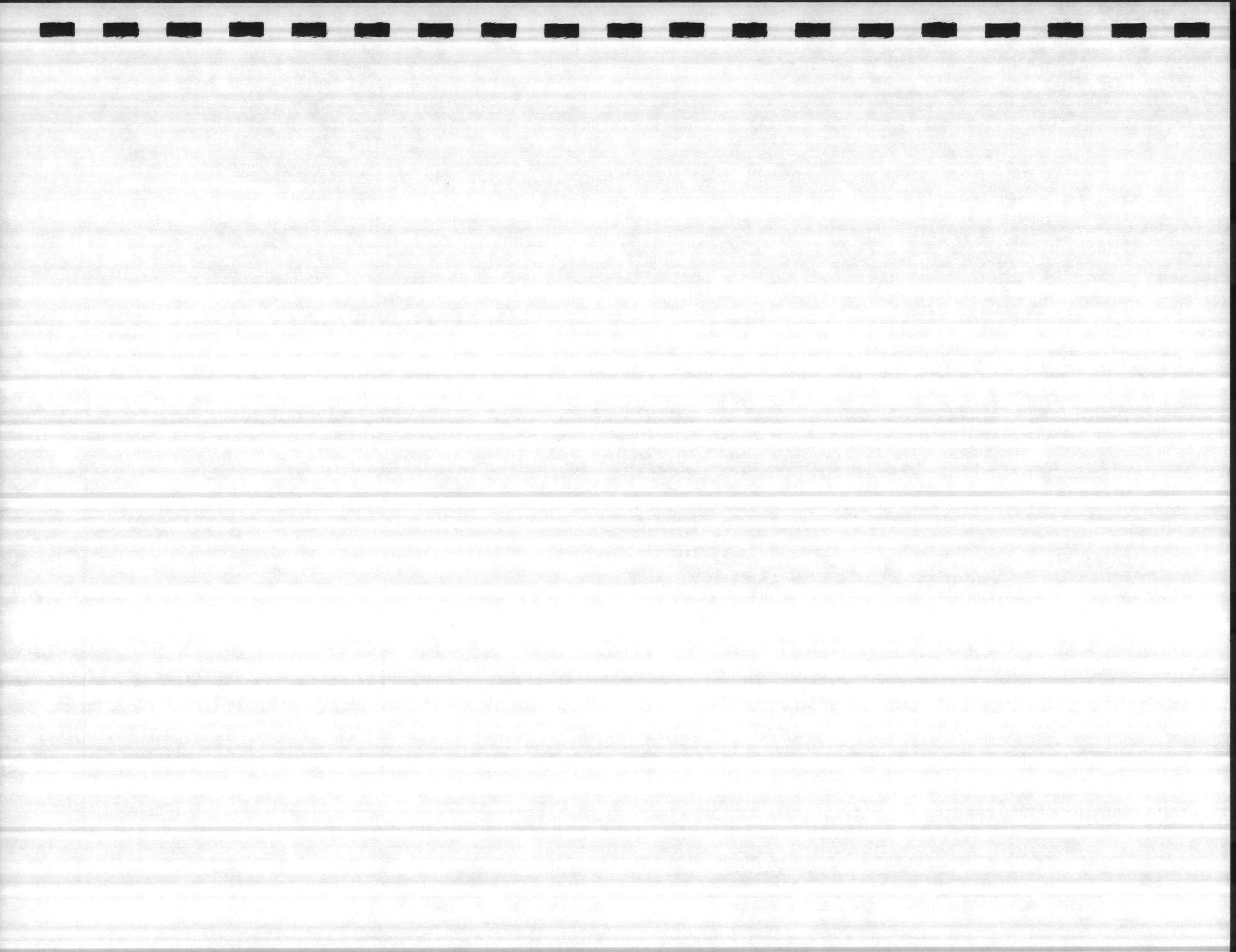
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DATE: 03/05/87

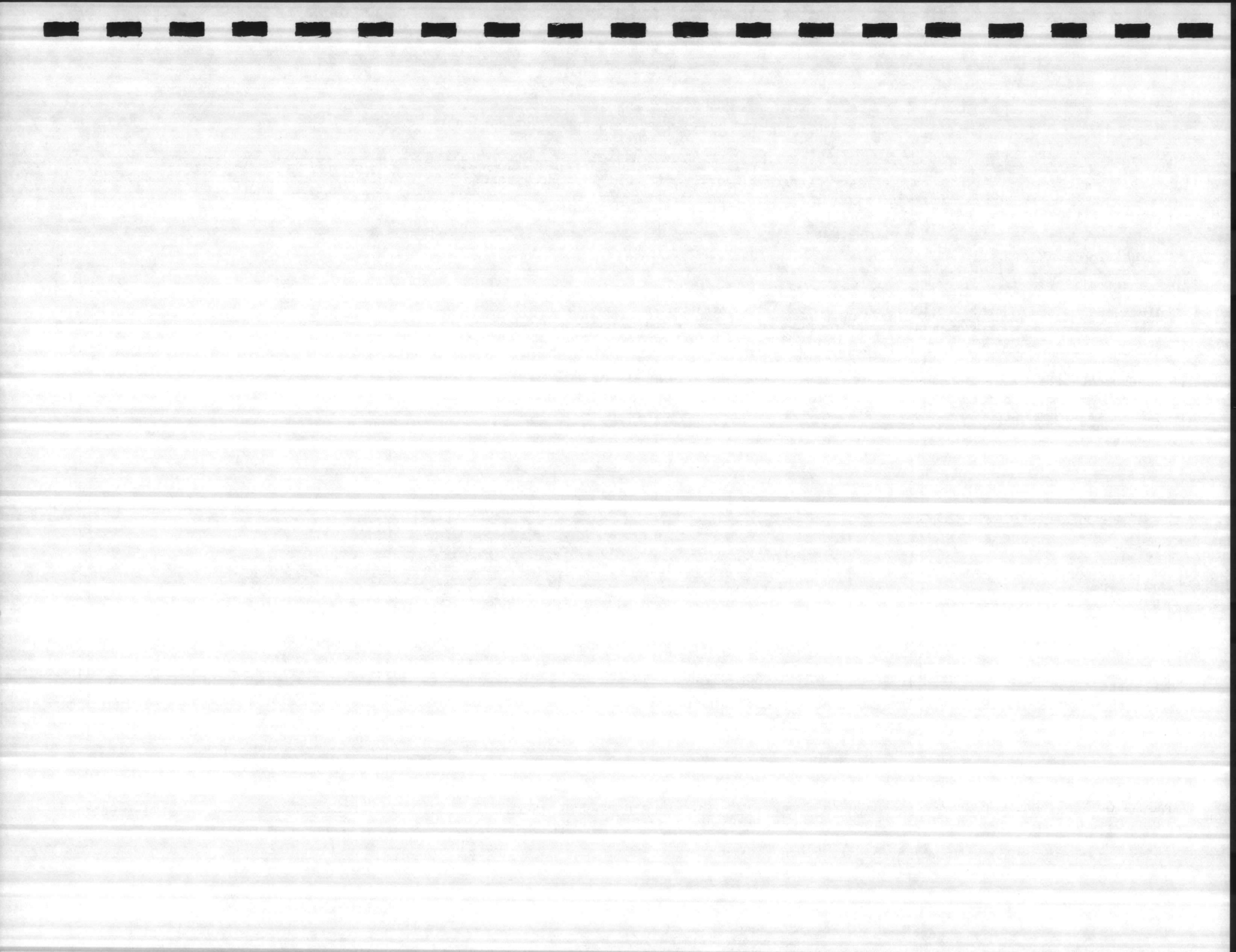
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M60		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE

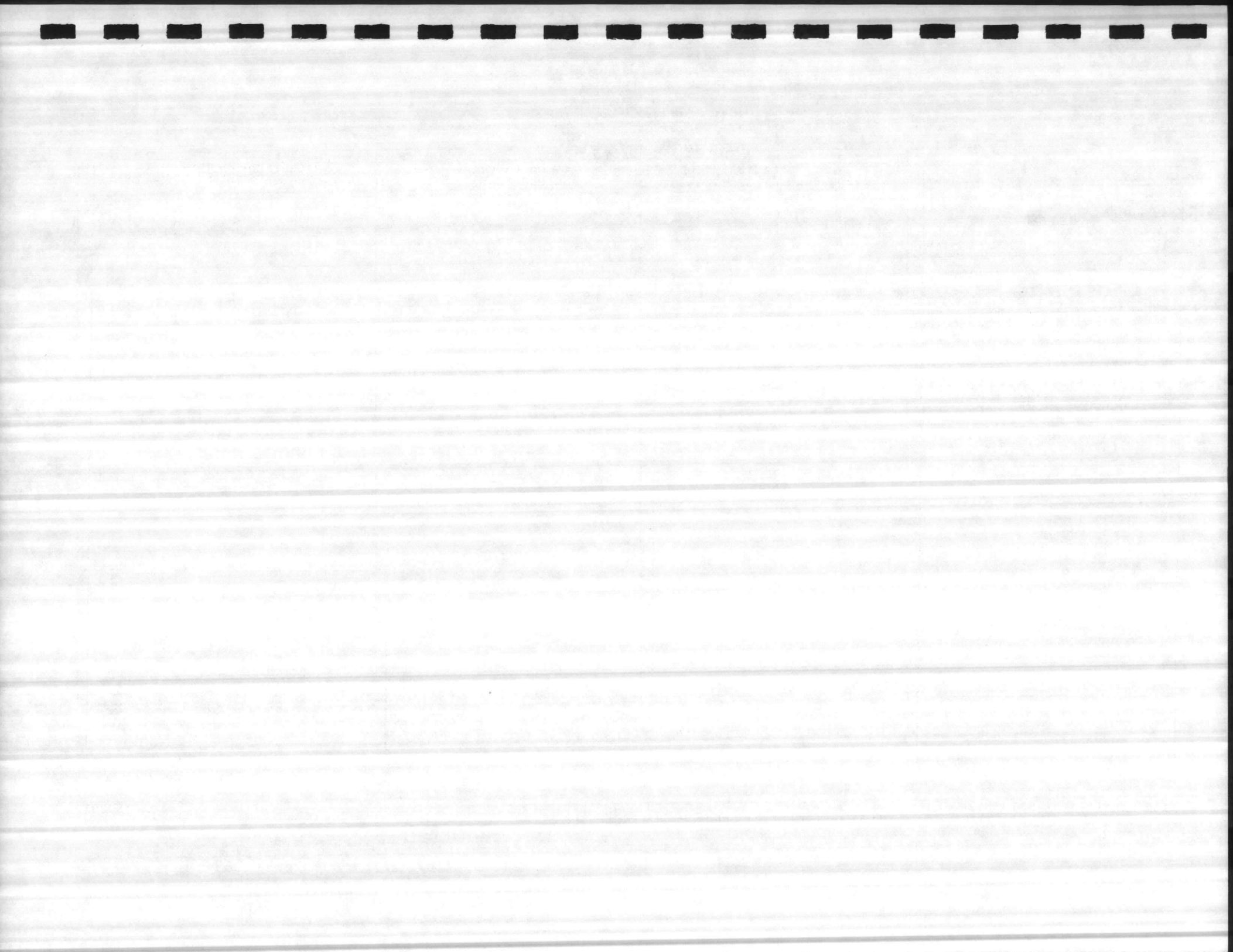
FILE NAME: LP010040

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

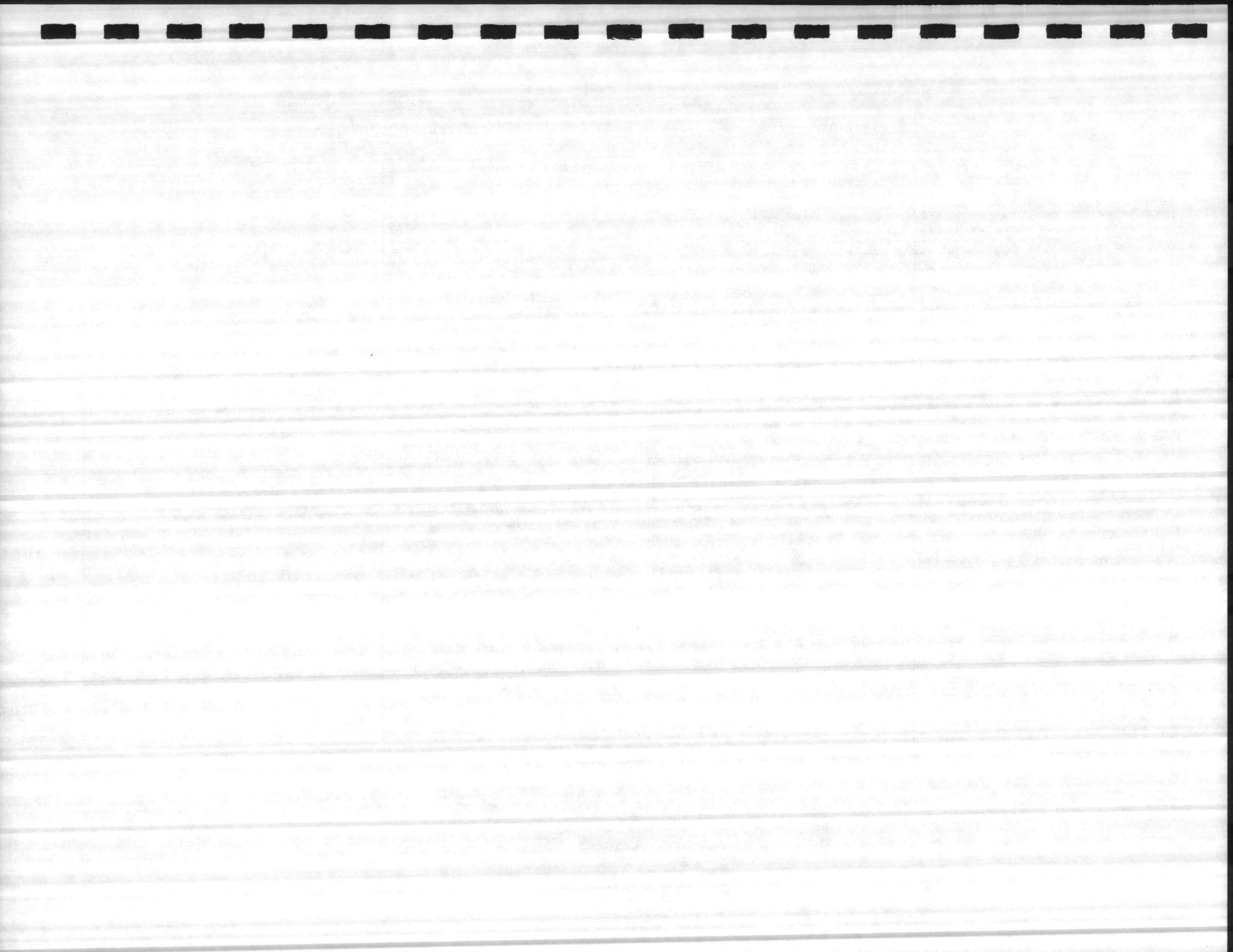
LFRTS-P-0001





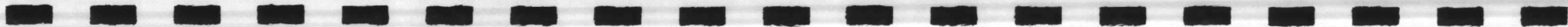
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100 ..... ..... .....	..... ..... ..... .....	
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1 ..... ..... ..... .....	..... ..... ..... .....	
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	14 34 14	..... ..... .....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	Undefined ..... ..... .....	..... ..... .....	
Number of Days per Year the Range/Facility is Available	360		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



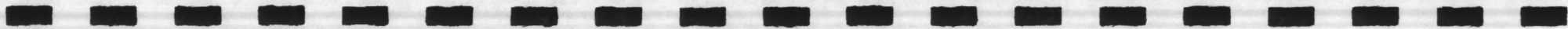
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	5 5 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-303, K305		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes RSO on ground		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Woodpecker habitat		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-305 Infantry Weapons Demonstration Range, MCB, Camp Lejeune, NC  
 Infantry Weapons Demonstration Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

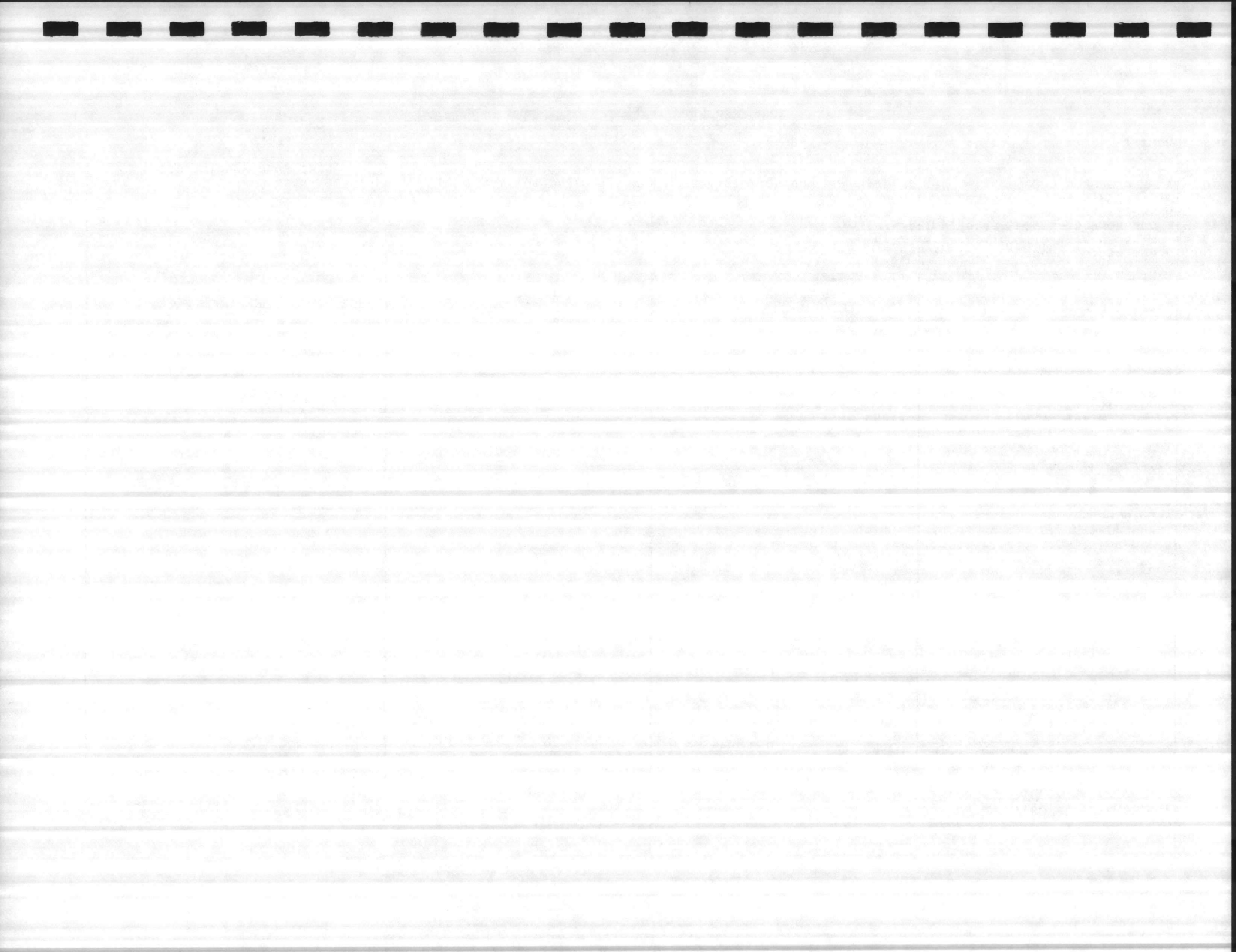
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.7 X 1.3		
Primary Direction of Fire	3119 MILS/175 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP799359		
Safety Buffer Rear (km).....	50 m to 80 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	50		
Range Facilities Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010041

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

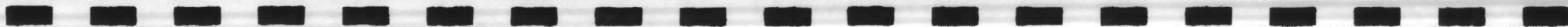
LFRTS-P-0001





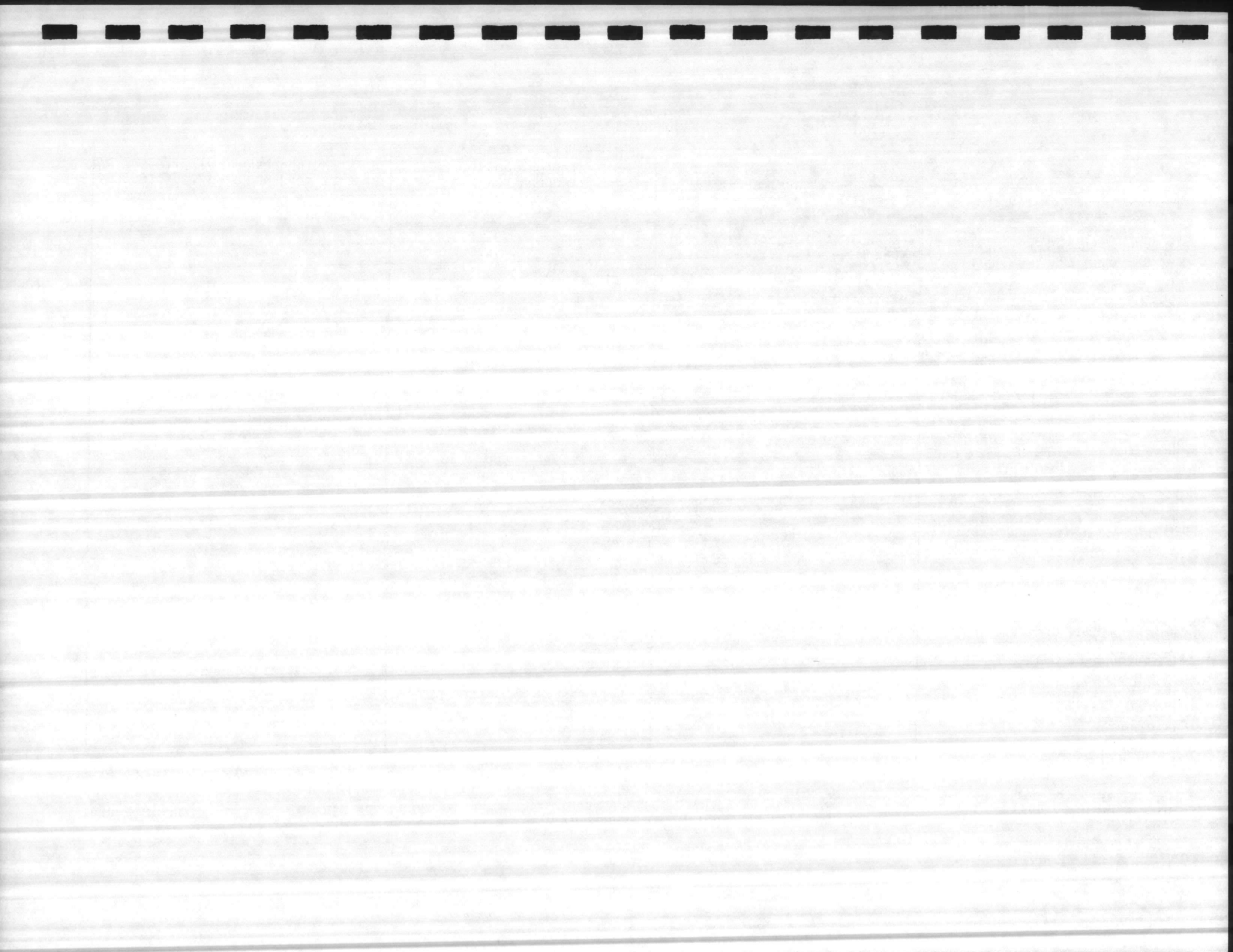
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, M60, SAW, MK19, M203, SMAW, M72 LAW, M73 LAW, 60-mm, 81-mm, Dragon, 1/4-lb demolitions, M40A1		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	15 .....	.....	
Ammunition (km).....	35 .....	.....	
Rations (km).....	15 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	750 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use?	Yes		
Yes, No			

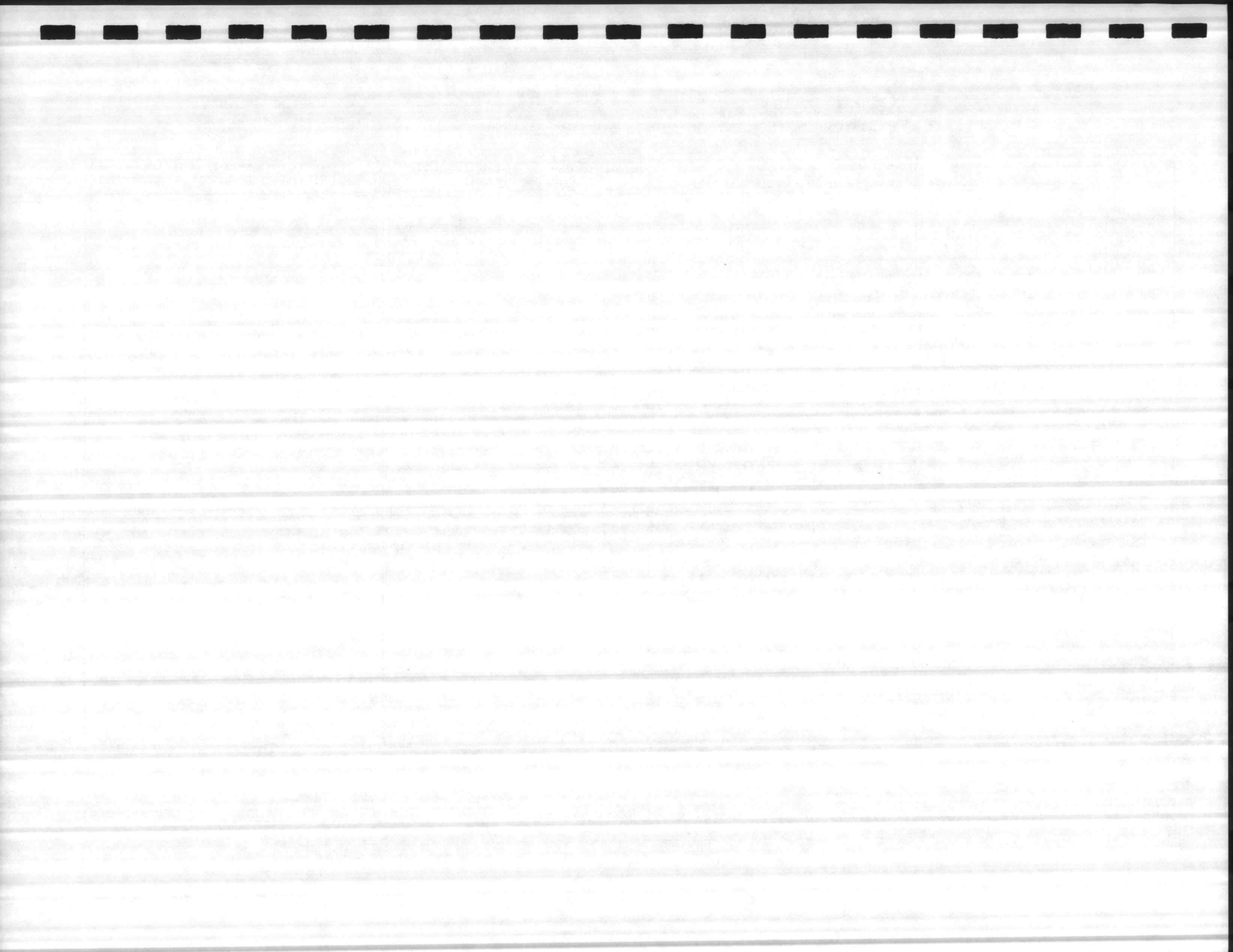
FILE NAME: LP010041

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DATE: 03/05/87

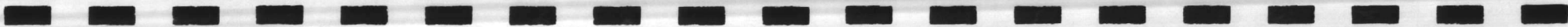
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-304		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes During special demonstrations, Ranges K-309, K-315, K-319, K-321, K-322, K-325, and all 200- to 400-series ranges will be evacuated		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	X Bordering woodpecker habitat		

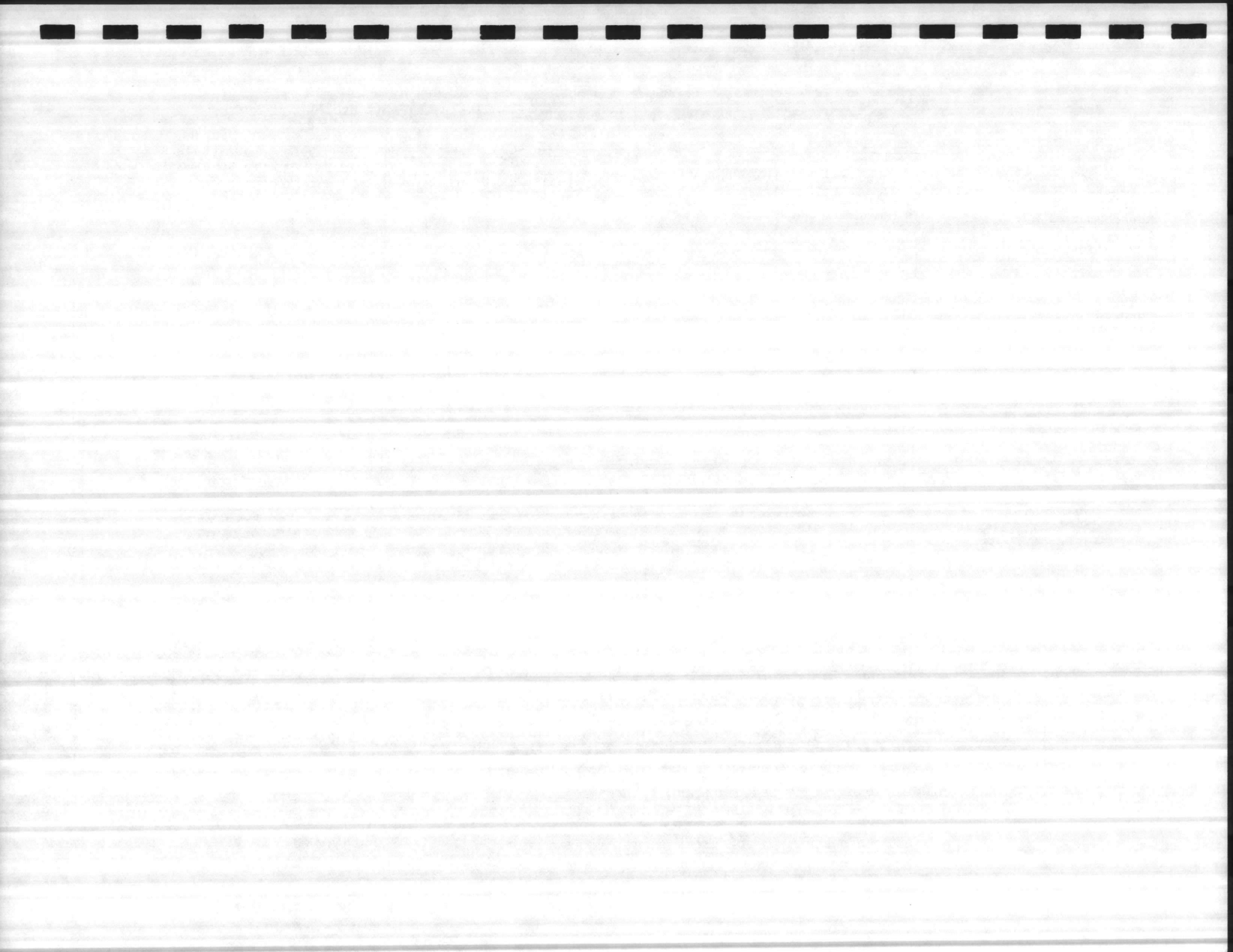
FILE NAME: LP010041

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-309 Machine Gun and LAW Range, MCB, Camp Lejeune, NC  
 Machine Gun and LAW Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

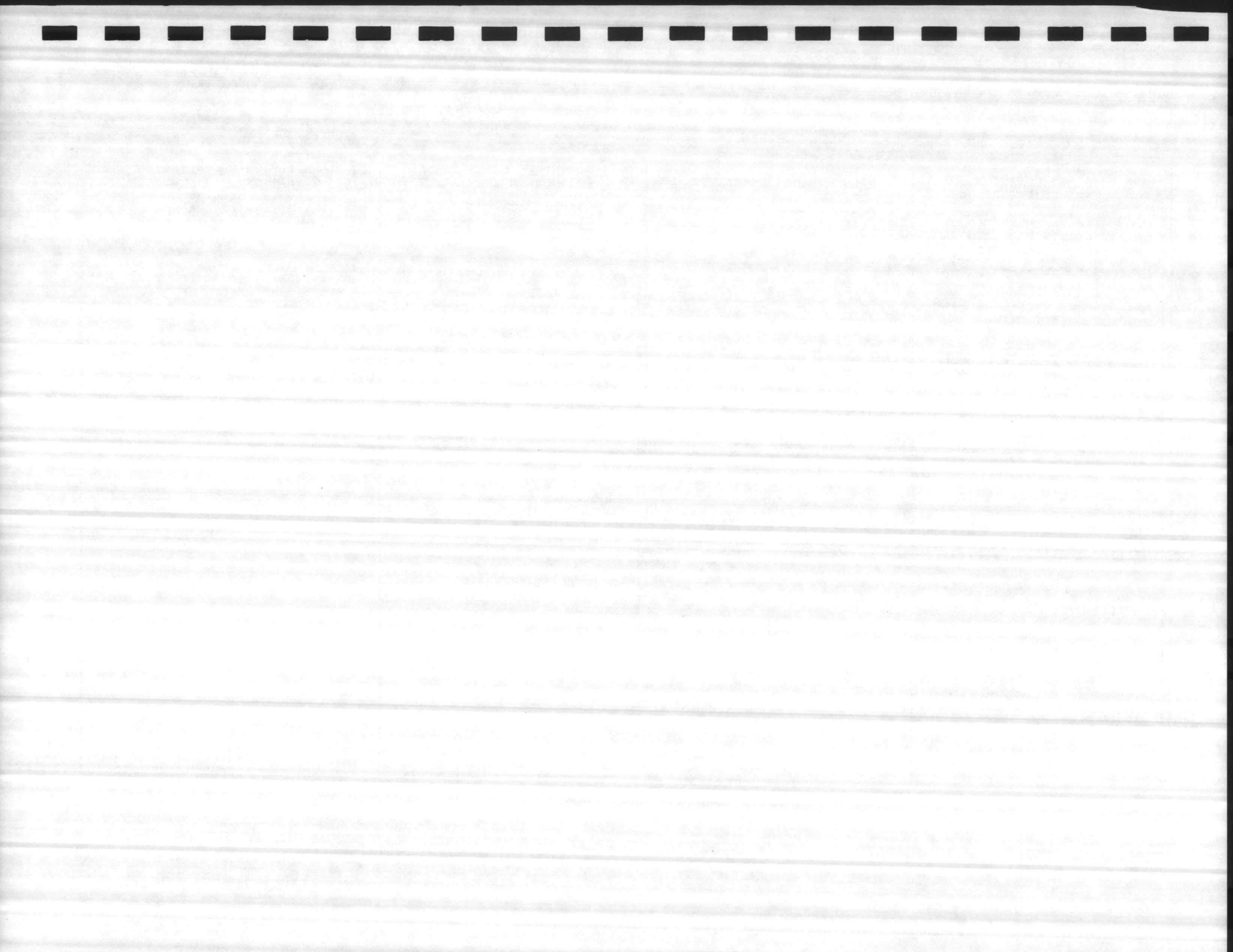
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.3 X 1.25		
Primary Direction of Fire	3478 MILS/196 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP805359		
Safety Buffer Rear (km).....	80 m M73 LAAW subcaliber		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	25		
Range Facilities Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010042

PAGE 1 OF 6 DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M16, M60, shotgun, SAW, 60-mm illumination, 81-mm illumination, M73 LAW		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE

FILE NAME: LP010042

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DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001





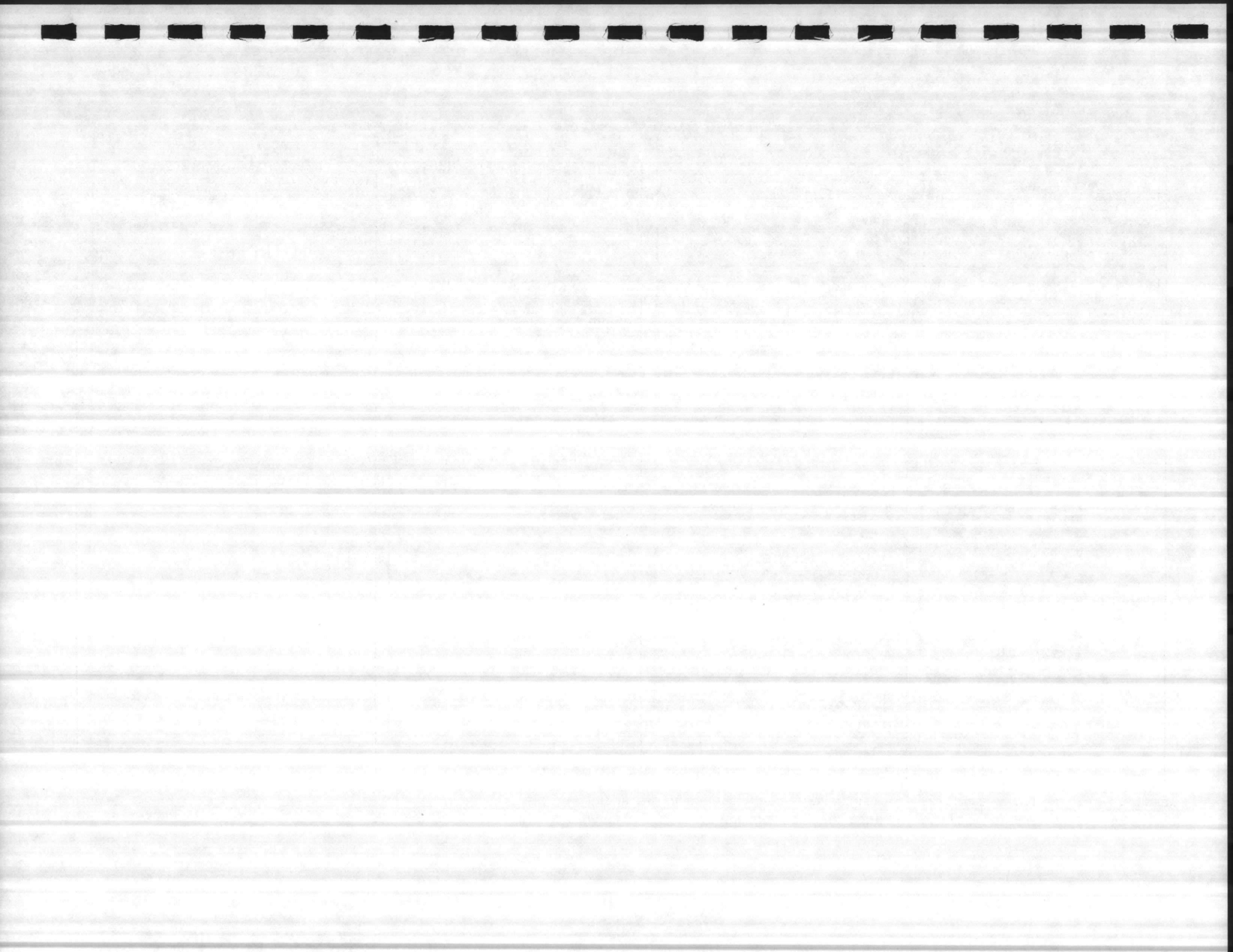
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100	.....	
Percentage Heavy.....	.....	.....	
Access No. of Land Access Routes...	1	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points POL (km).....	16	.....	
Ammunition (km).....	36	.....	
Rations (km).....	16	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals.....	300	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		

DETAILED CHARACTERISTICS (SPECIFY YEAR WHEN IN APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
		NA	Restrictions on Usage Environmental AIGUS YWA Noise Gas/Chemical Pyrotechnics/Pipes Type of Ventilation Type of Ventilation Other

LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes RSO accompanies units downrange during fire and movement exercises		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Limit of advance is 80 m within the no fire zone		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

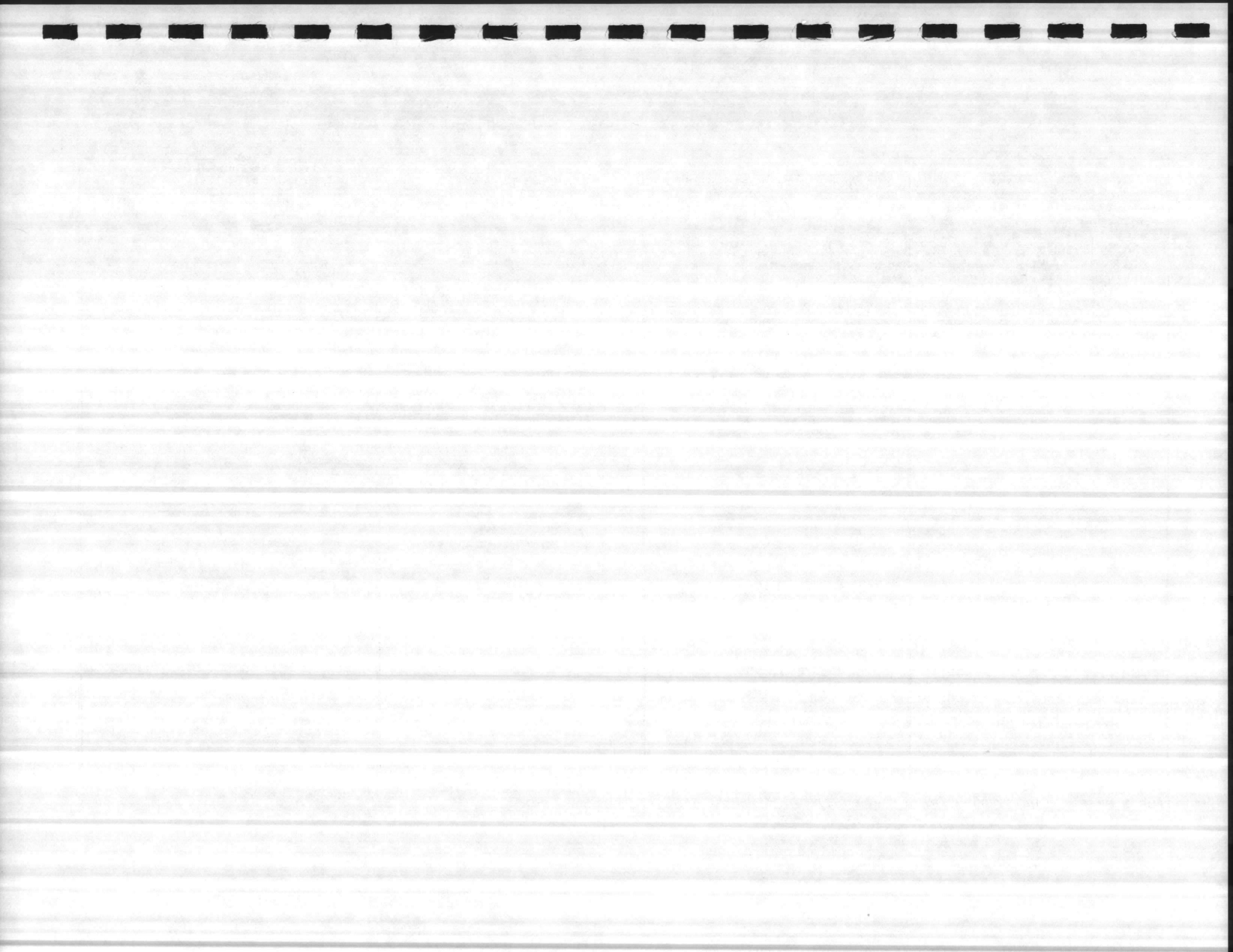
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-315 Night and Combat Field Firing Range, MCB, Camp Lejeune, NC  
 Night and Combat Field Firing Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

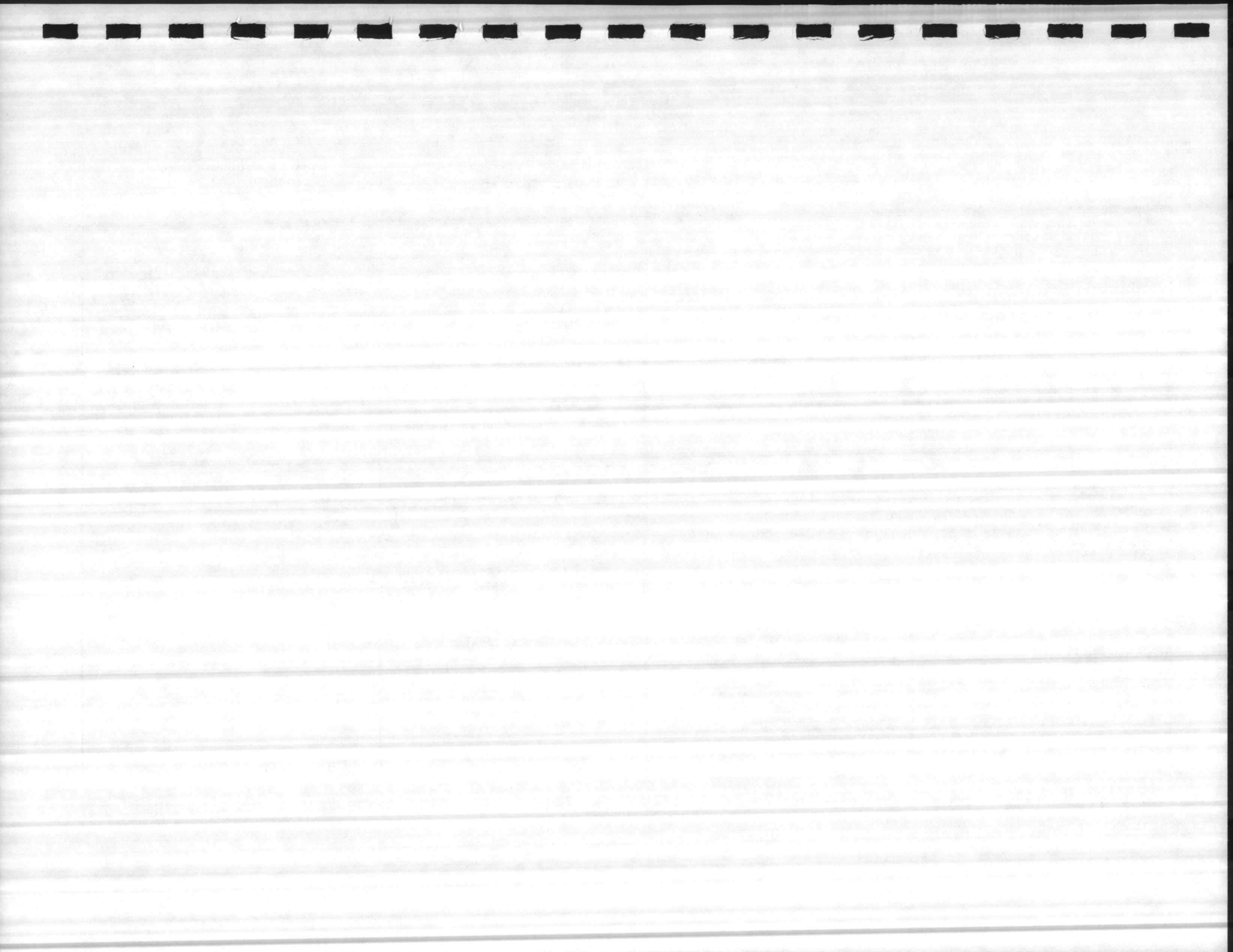
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.3 X 1.3		
Primary Direction of Fire	3194 MILS/180 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP809359		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	12		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

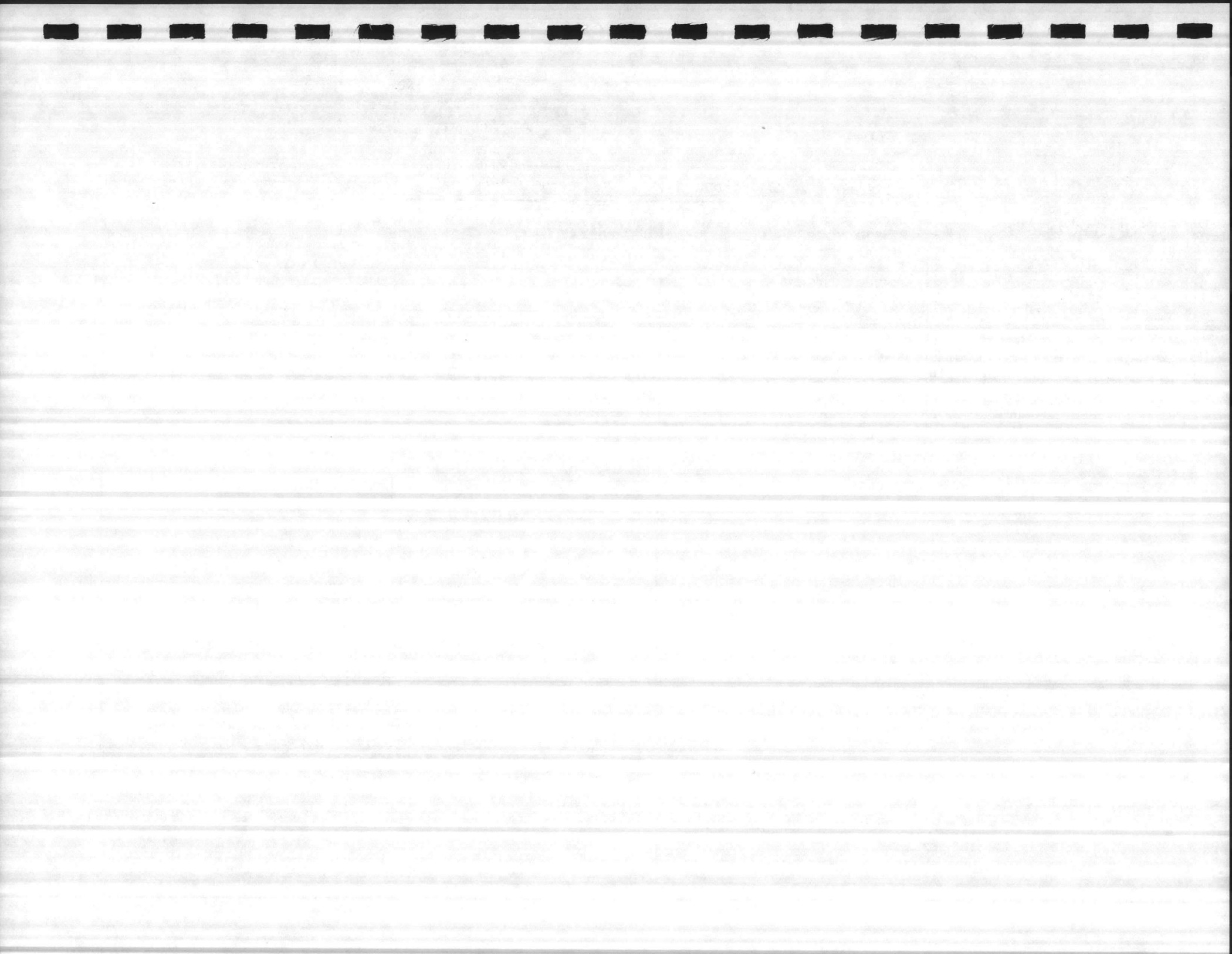
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... X Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	12 targets	NOT APPLICABLE	NOT APPLICABLE
Target Types Pop-up..... X Stationary..... Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		

LATER RANGE/FACILITY INVENTORY DATA FORM (PART 2-2001) (CONTINUED)

DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
		.38-cal. 45-cal. 9-mm, M16, Shotgun	Weapon Types Used on the Range
			Climate Seasonal Tropic Subtropical Acidic Basic Sea-level Other
			Terrain Type Percentage Humid Percentage Rolling Percentage Swamp Percentage Desert Percentage Beach Percentage Level Percentage Water
NOT APPLICABLE	NOT APPLICABLE		
			Soil Type Percentage Sand Percentage Clay Percentage Swamp/Marsh Percentage Mossy Percentage Other
NOT APPLICABLE	NOT APPLICABLE		

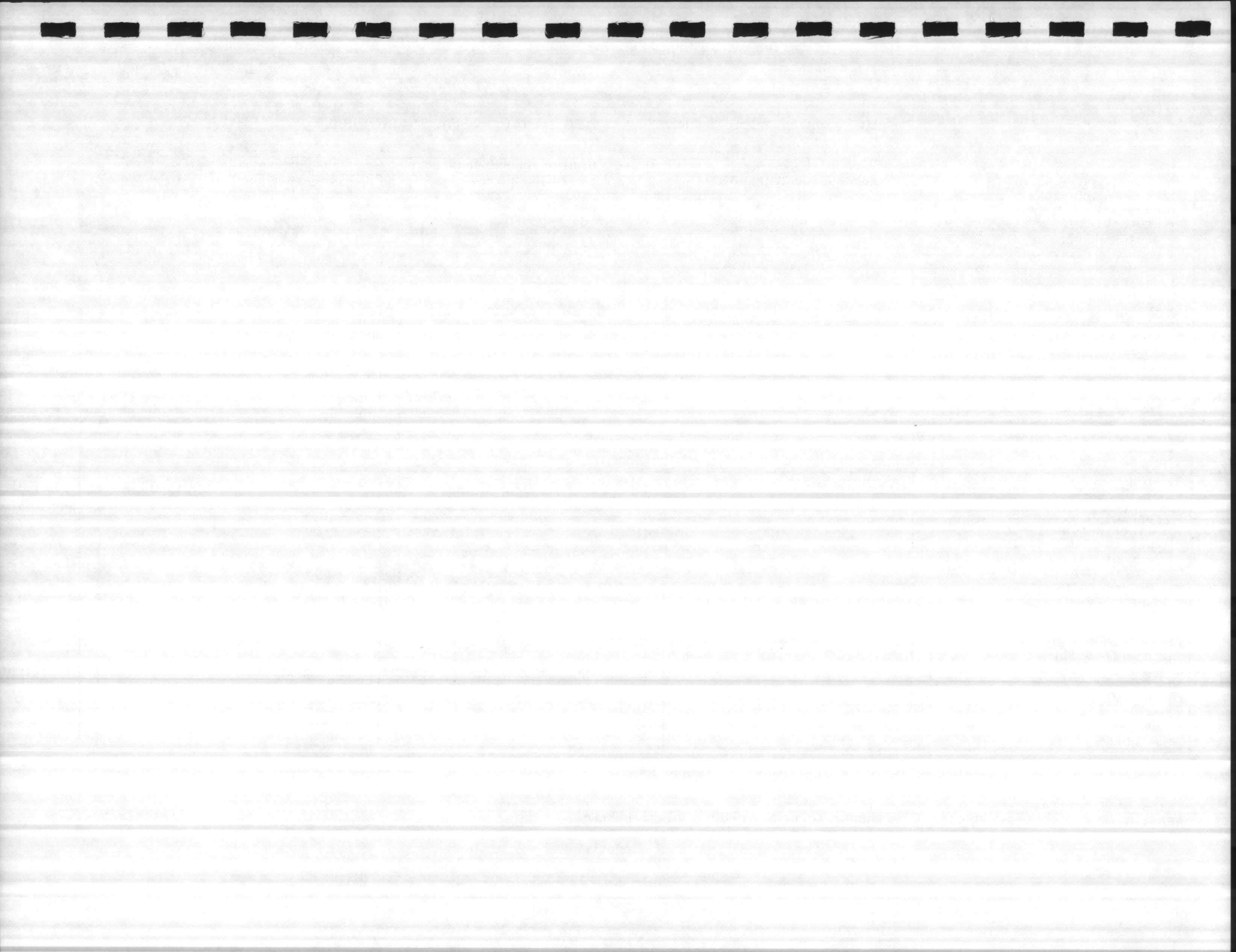
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes....	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	16 .....	.....	
Ammunition (km).....	36 .....	.....	
Rations (km).....	16 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	300 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 15 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No maneuver		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Advance notice of night firing		

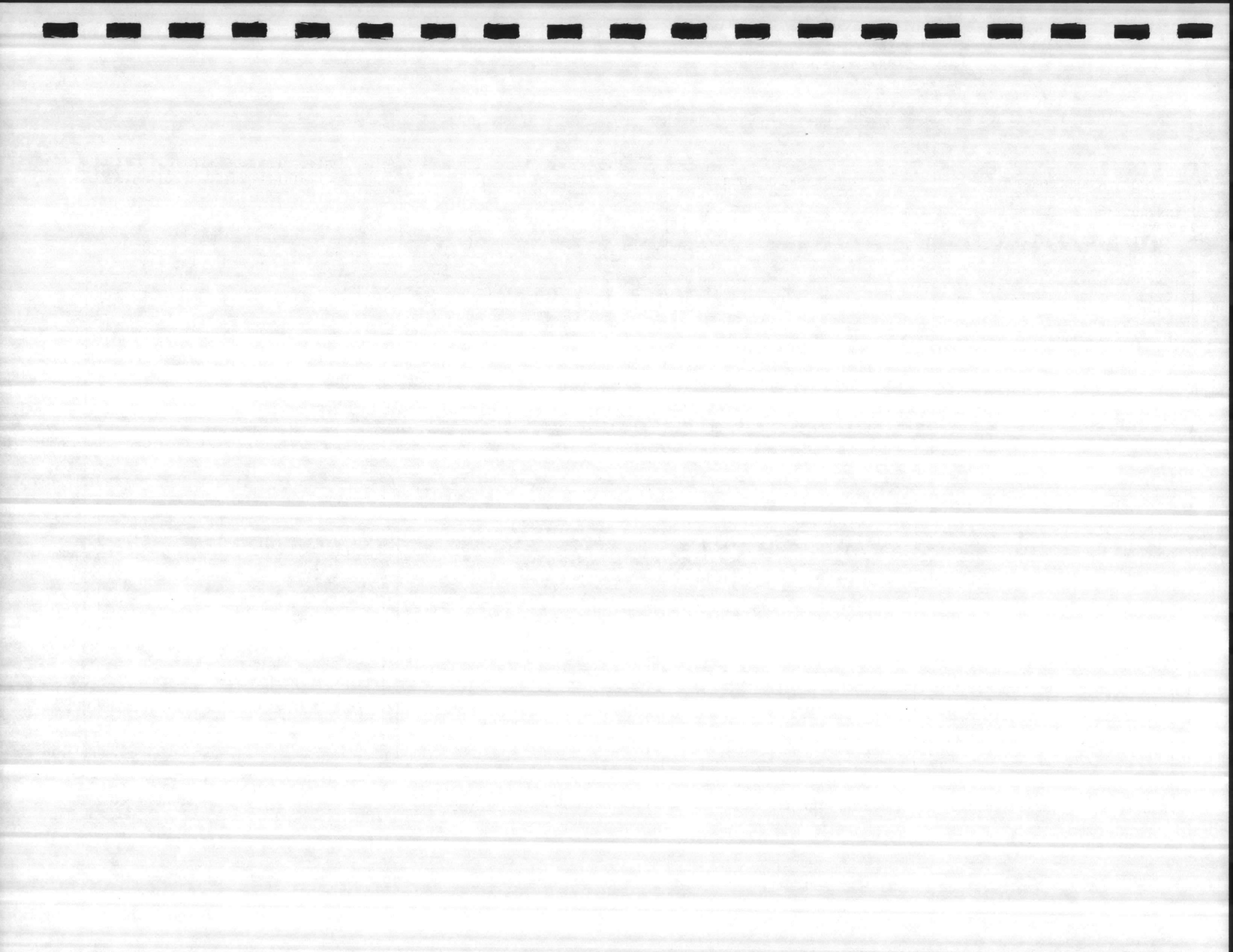
RANGE/FACILITY INVENTORY DATA FORM (LFRS-7-0001) (CONTINUED)

DATA ELEMENT	RANGE CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRABLE CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Reactions on Range Use Environmental..... AICUS..... PAR..... Noise..... Gas/Chemical..... Pyrotonomials..... Time of Day..... Time of Year..... Other.....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-317 Close Combat Range, MCB, Camp Lejeune, NC  
 Close Combat Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

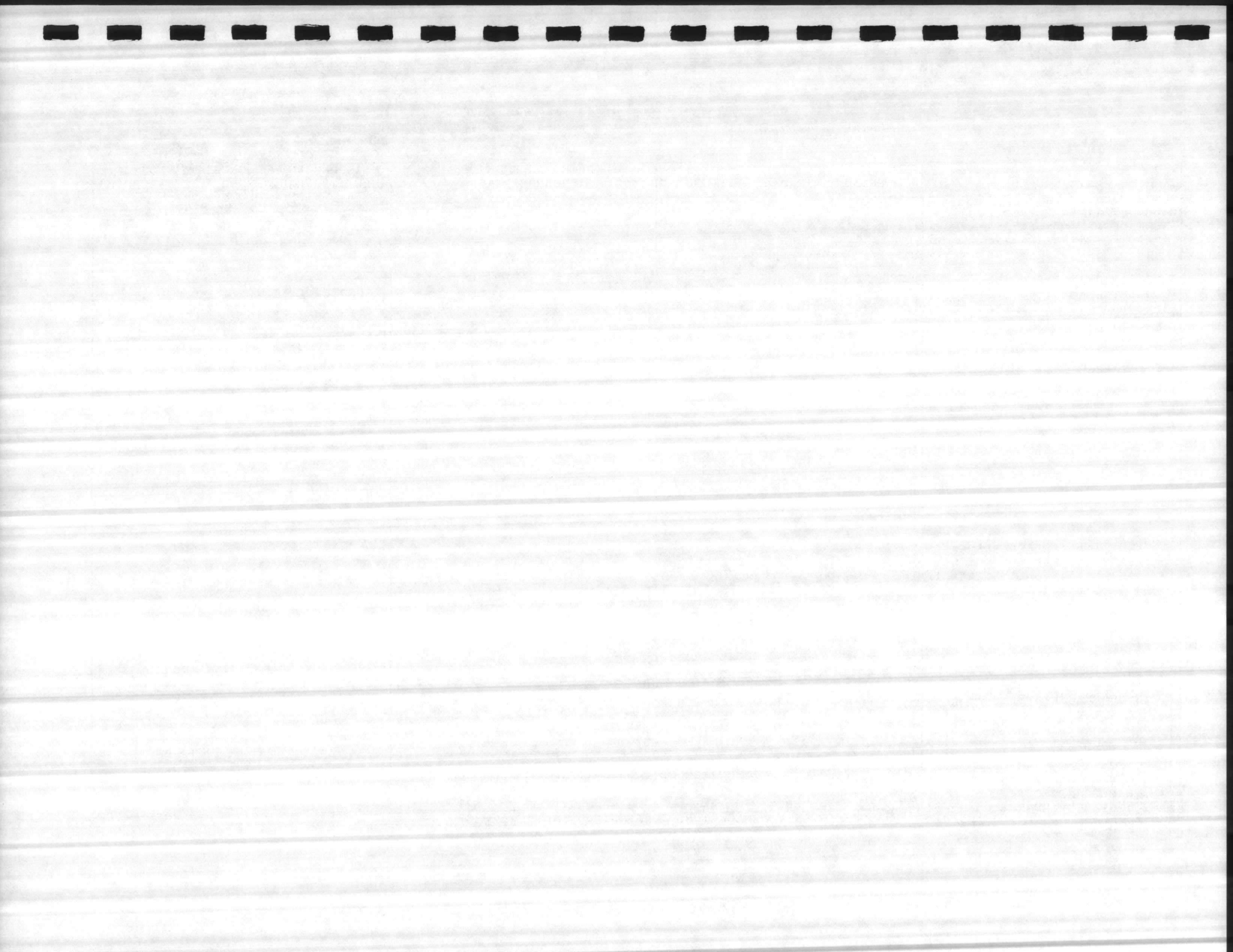
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.35 X 1.2		
Primary Direction of Fire	3686 MILS/207 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP811358		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	12		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

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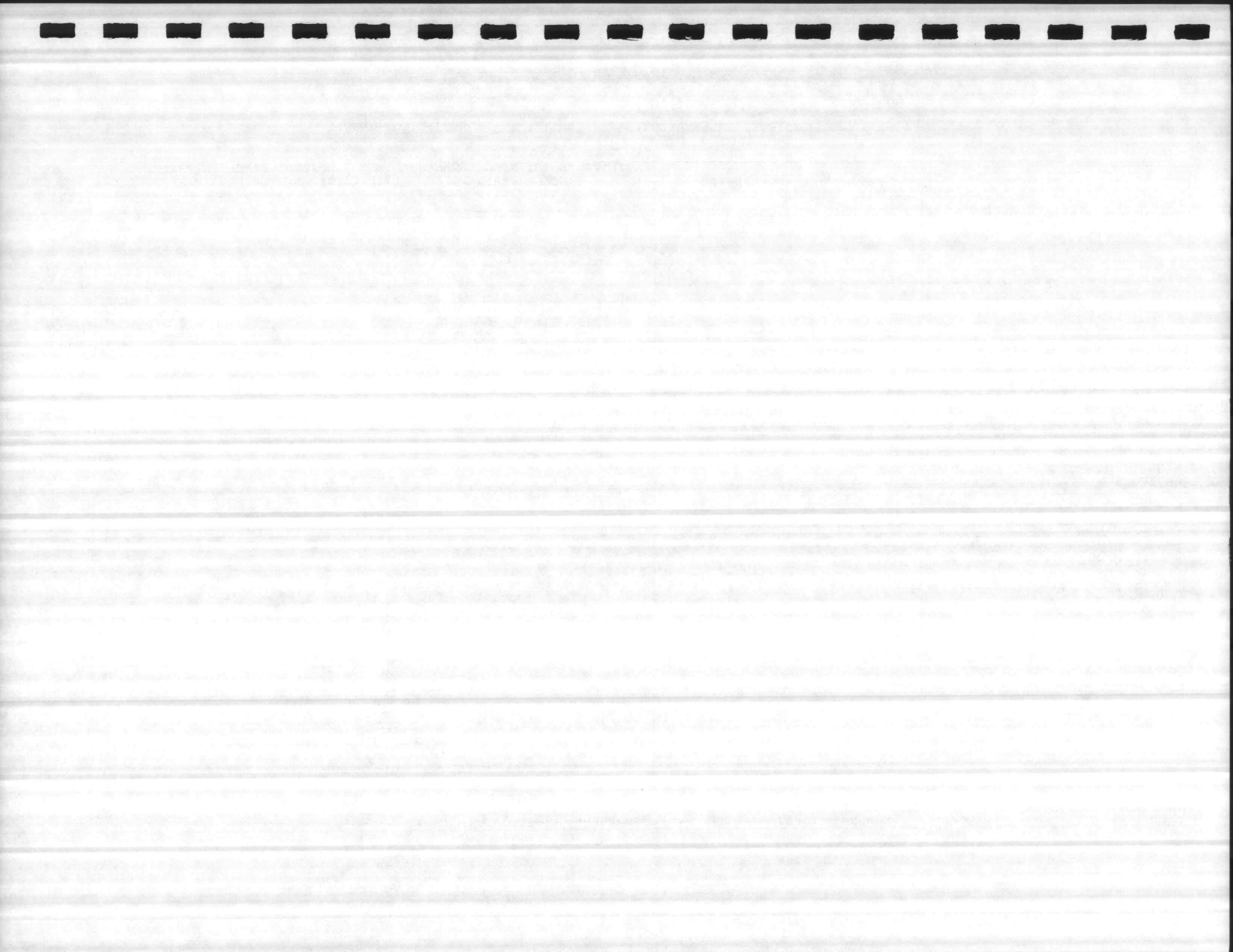
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



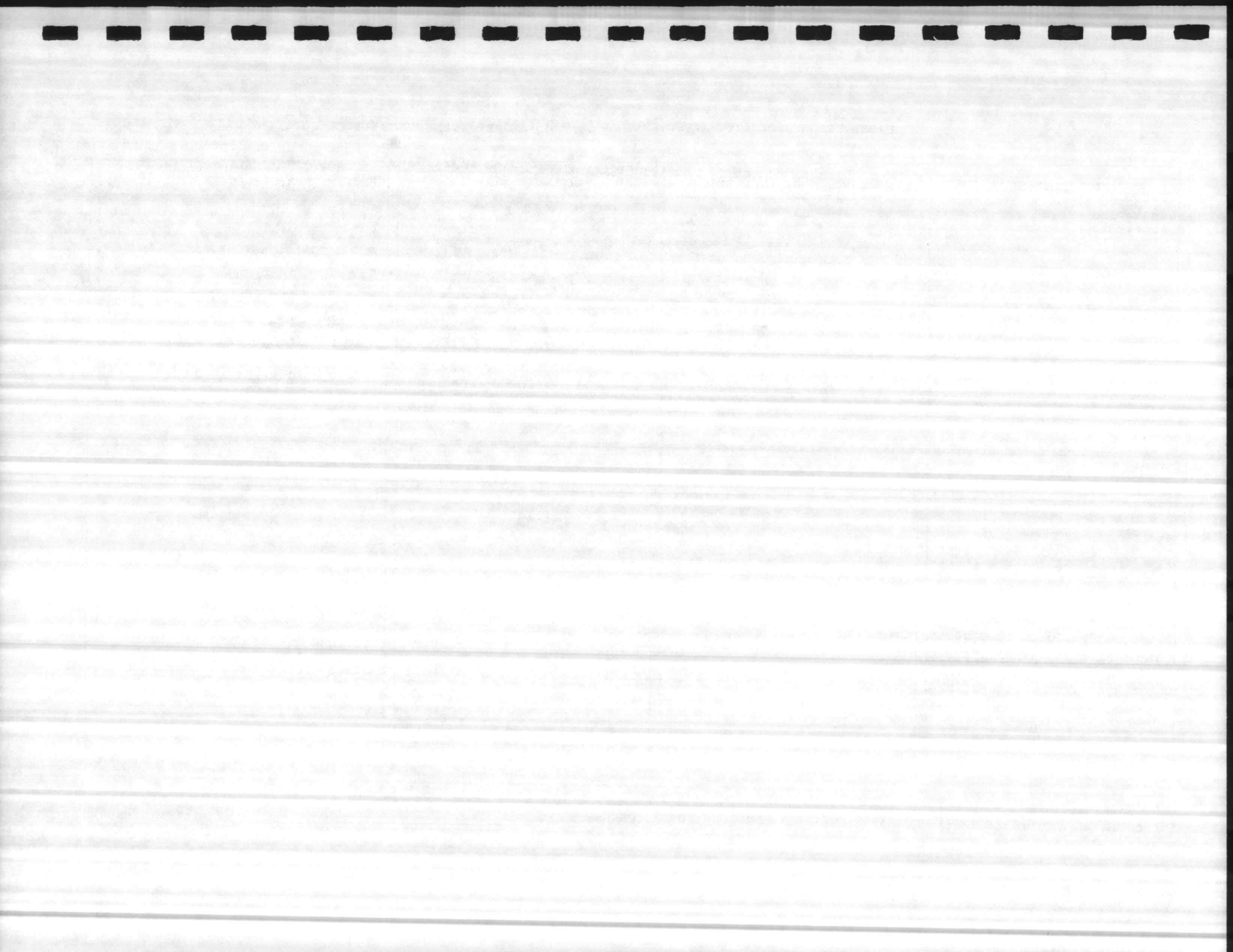
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....	    X X		
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	  12 targets   		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	 X    	     	     
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

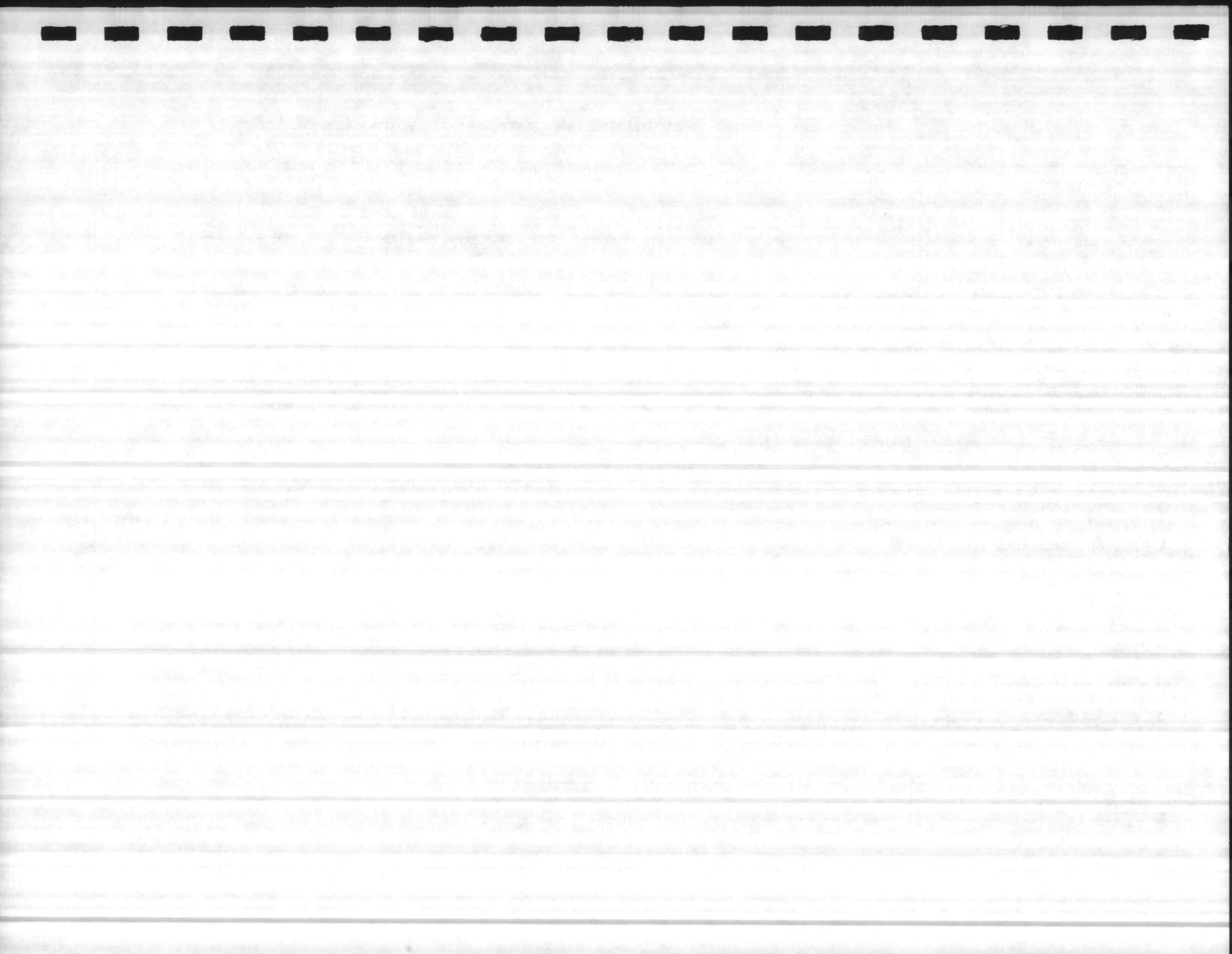
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





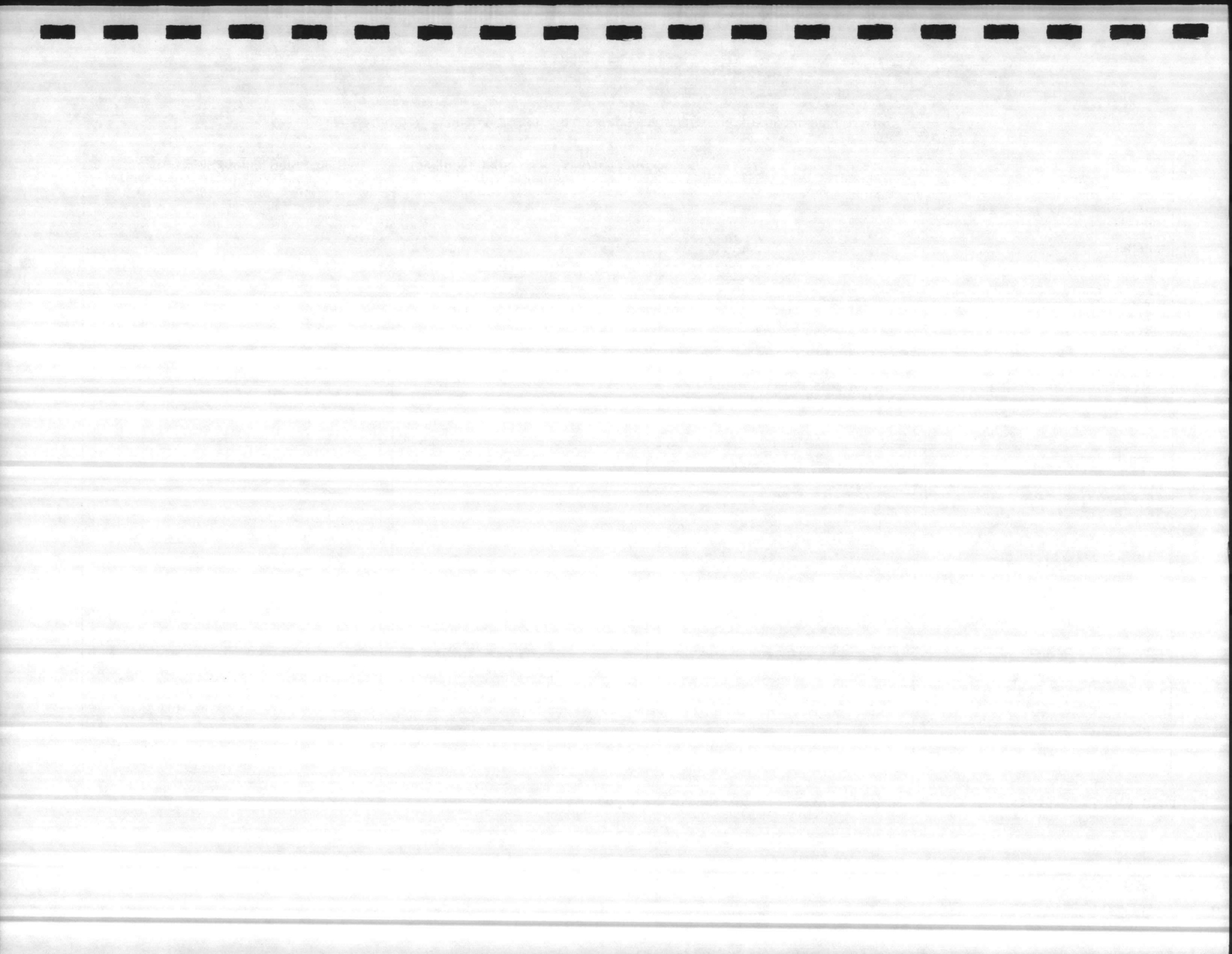
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes...	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes...	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	16 .....	.....	
Ammunition (km).....	36 .....	.....	
Rations (km).....	16 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	350 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use?	No		
Yes, No			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 15 Maintenance..... 15 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0      
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No maneuver Lateral transition only		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

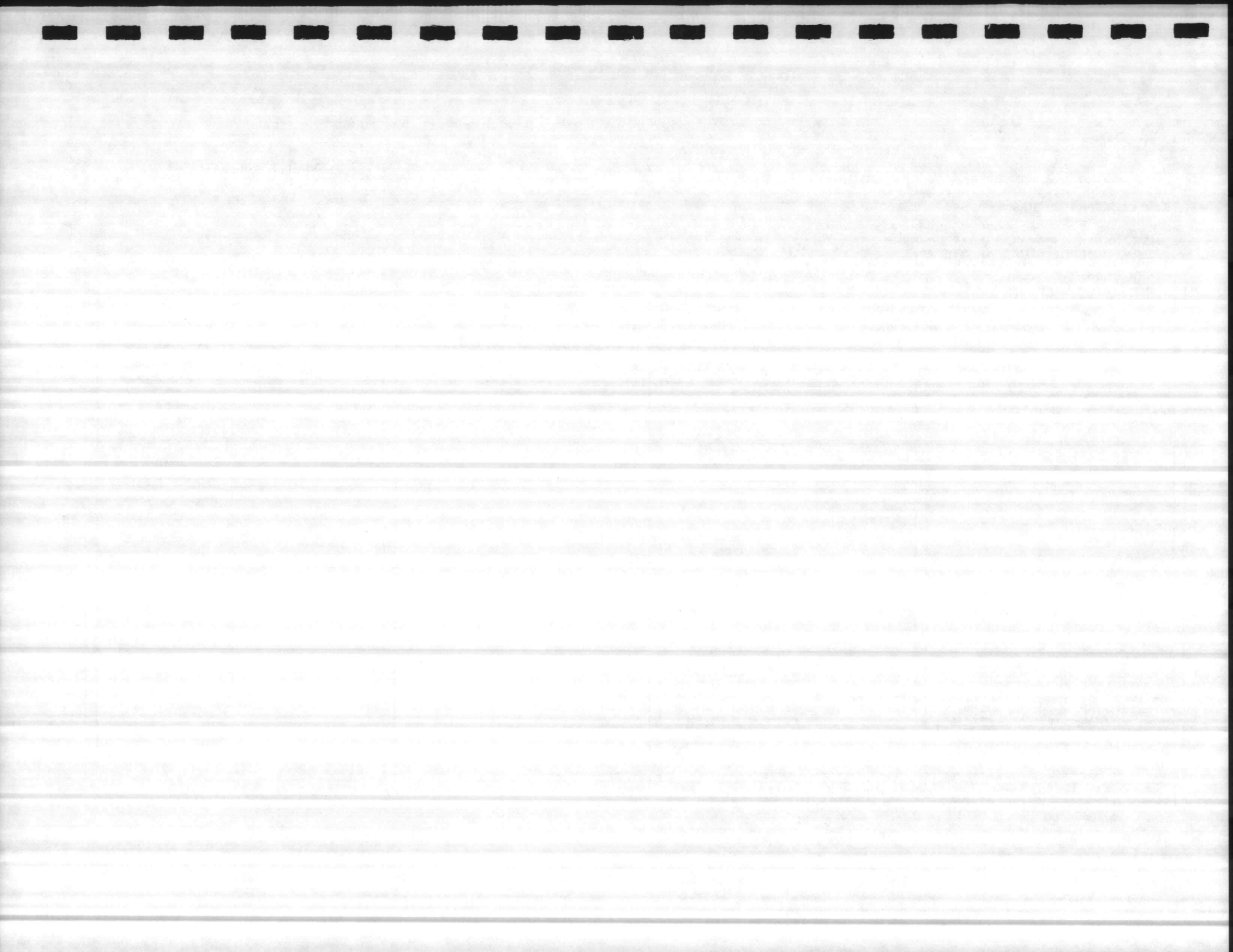
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-319 Field Firing Range, MCB, Camp Lejeune, NC  
 Field Firing Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.3 X 1.3		
Primary Direction of Fire	3248 MILS/182 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP813358		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	35		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

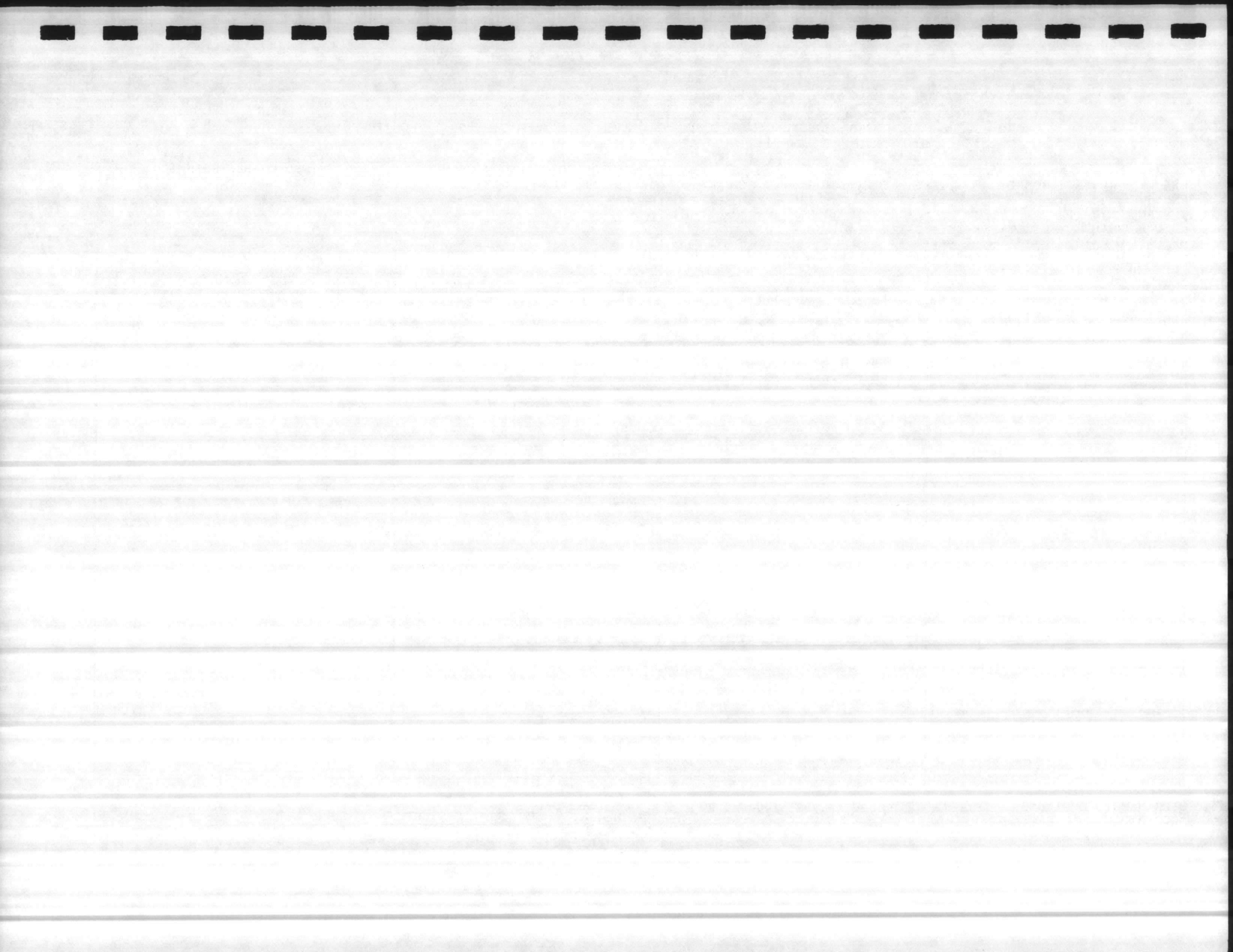
FILE NAME: LP010045

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

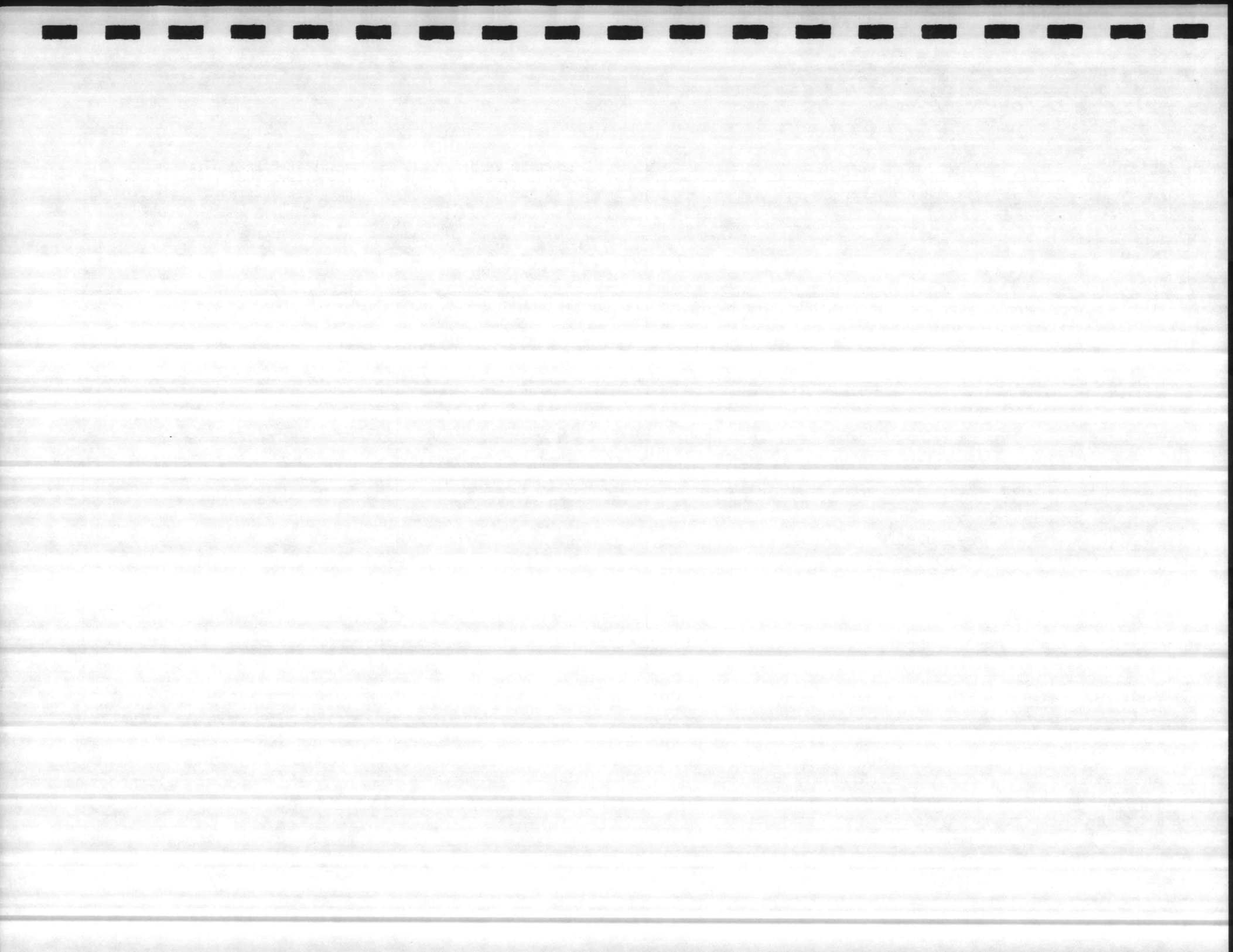
LFRTS-P-0001





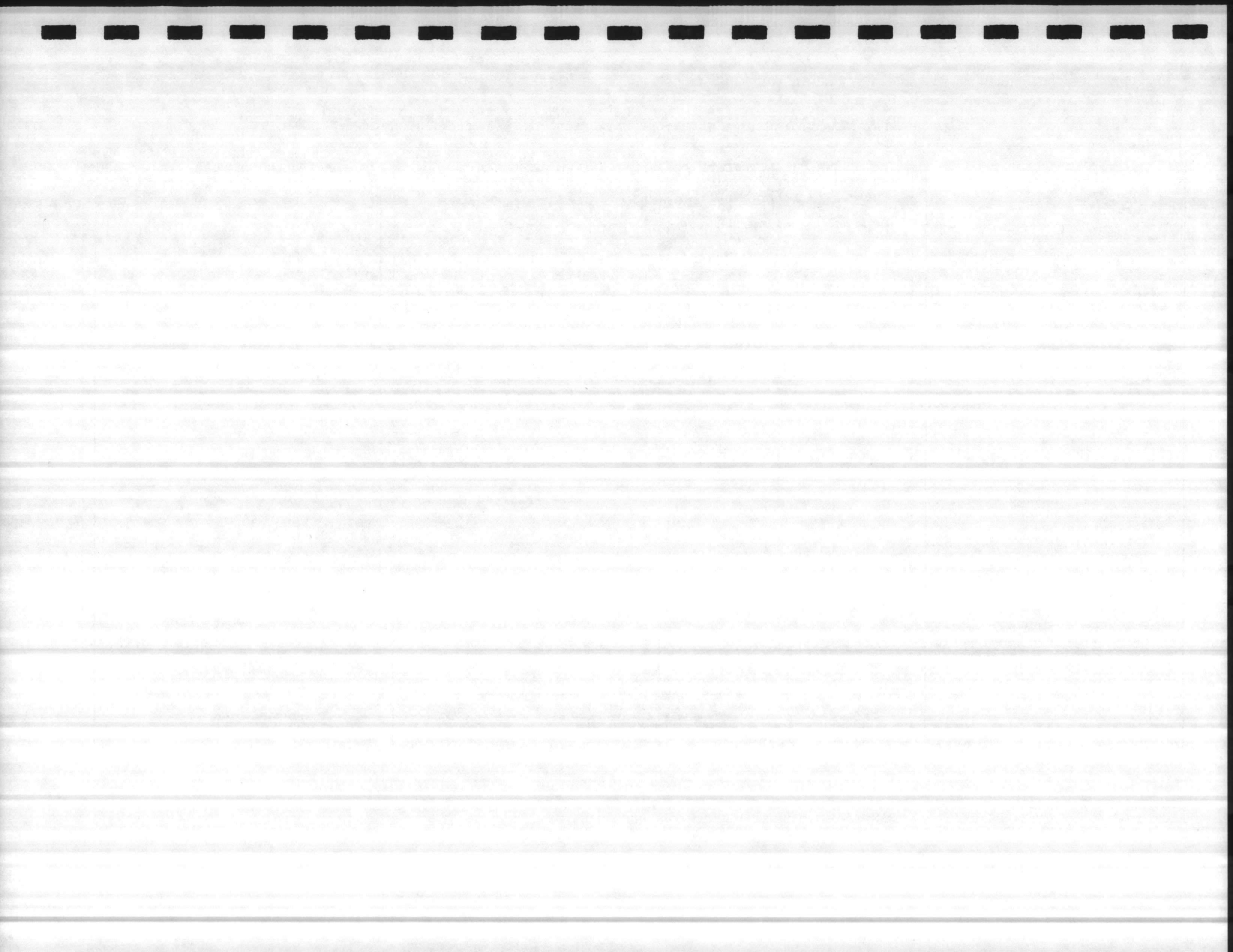
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... Revolving..... Other.....	..... ..... ..... ..... .....	..... ..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



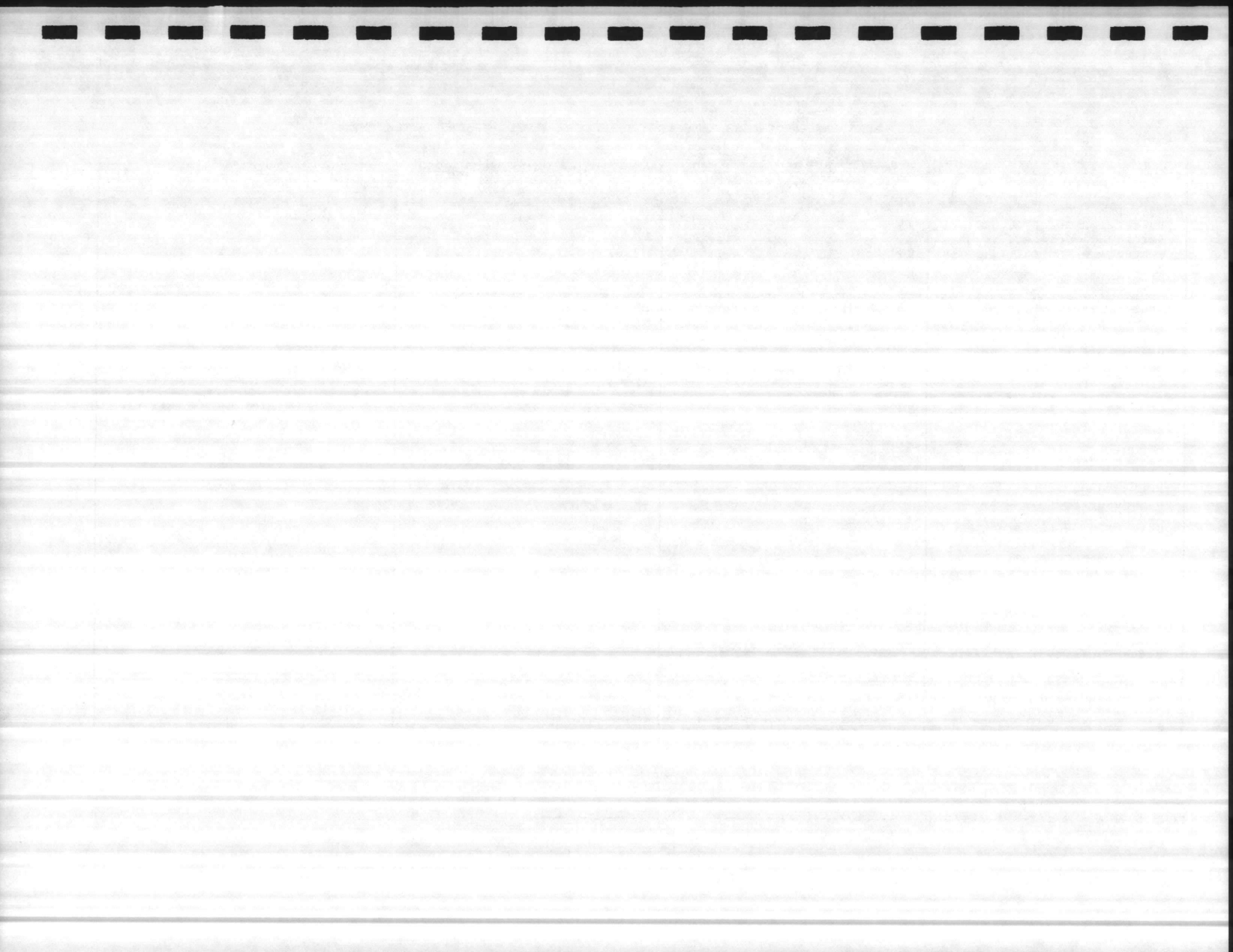
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, M60, shotgun, M40A1, 60-mm illumination, 81-mm illumination		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



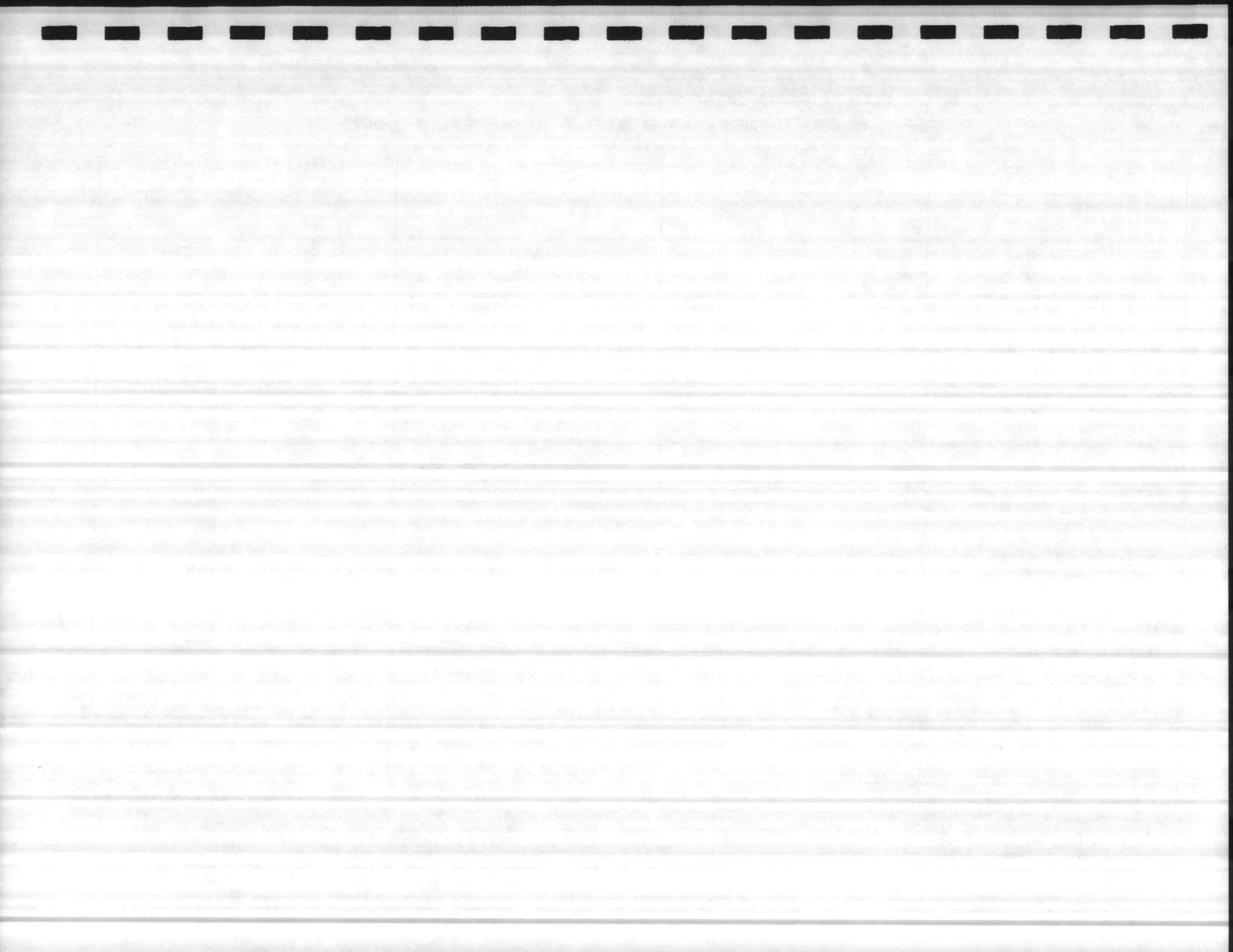
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	16 36 16		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	175		
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

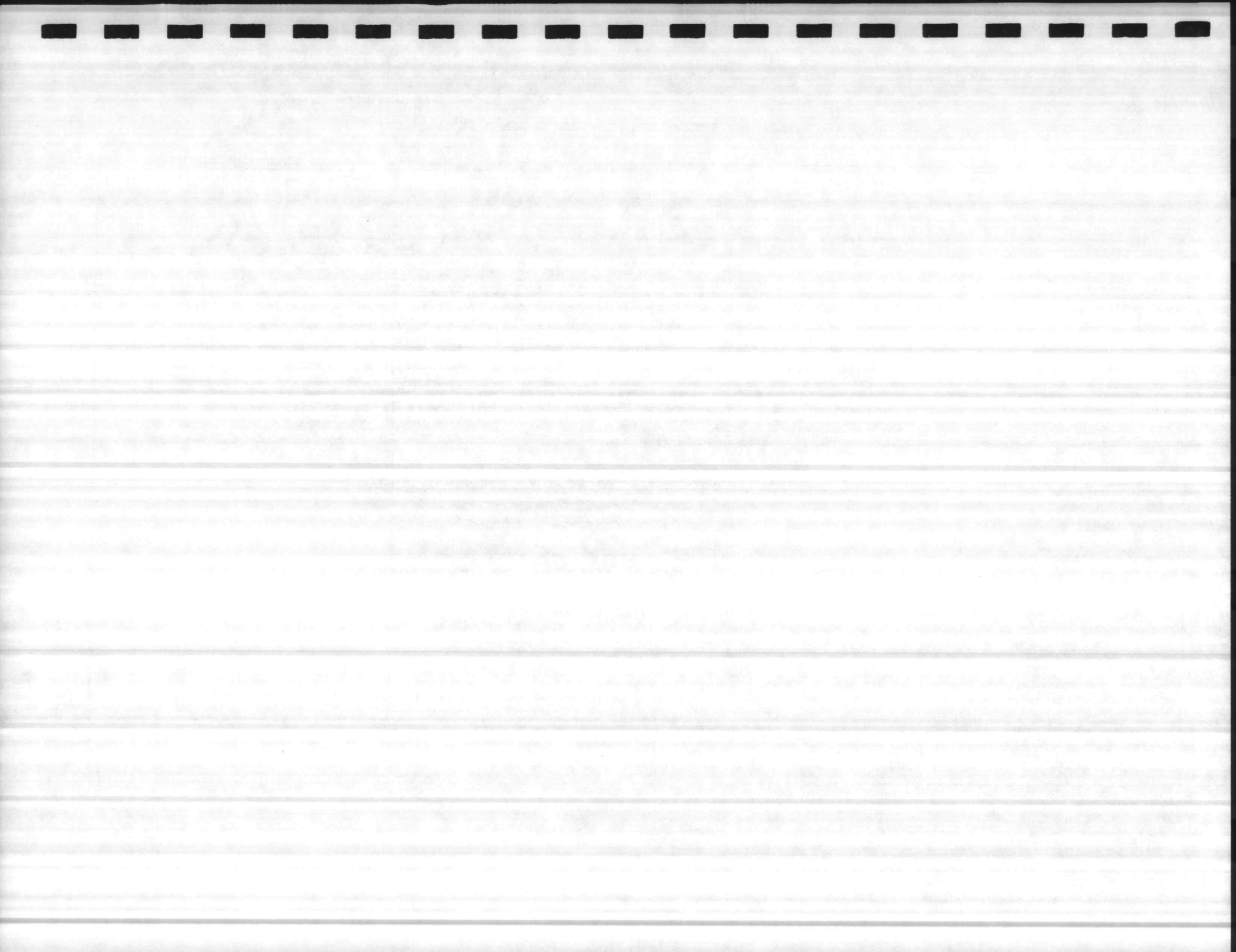
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No downrange movement		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-321 Transition Range, MCB, Camp Lejeune, NC  
 Transition Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.18 X .8		
Primary Direction of Fire	3948 MILS/222 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP818353		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	19		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....	X		
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010046

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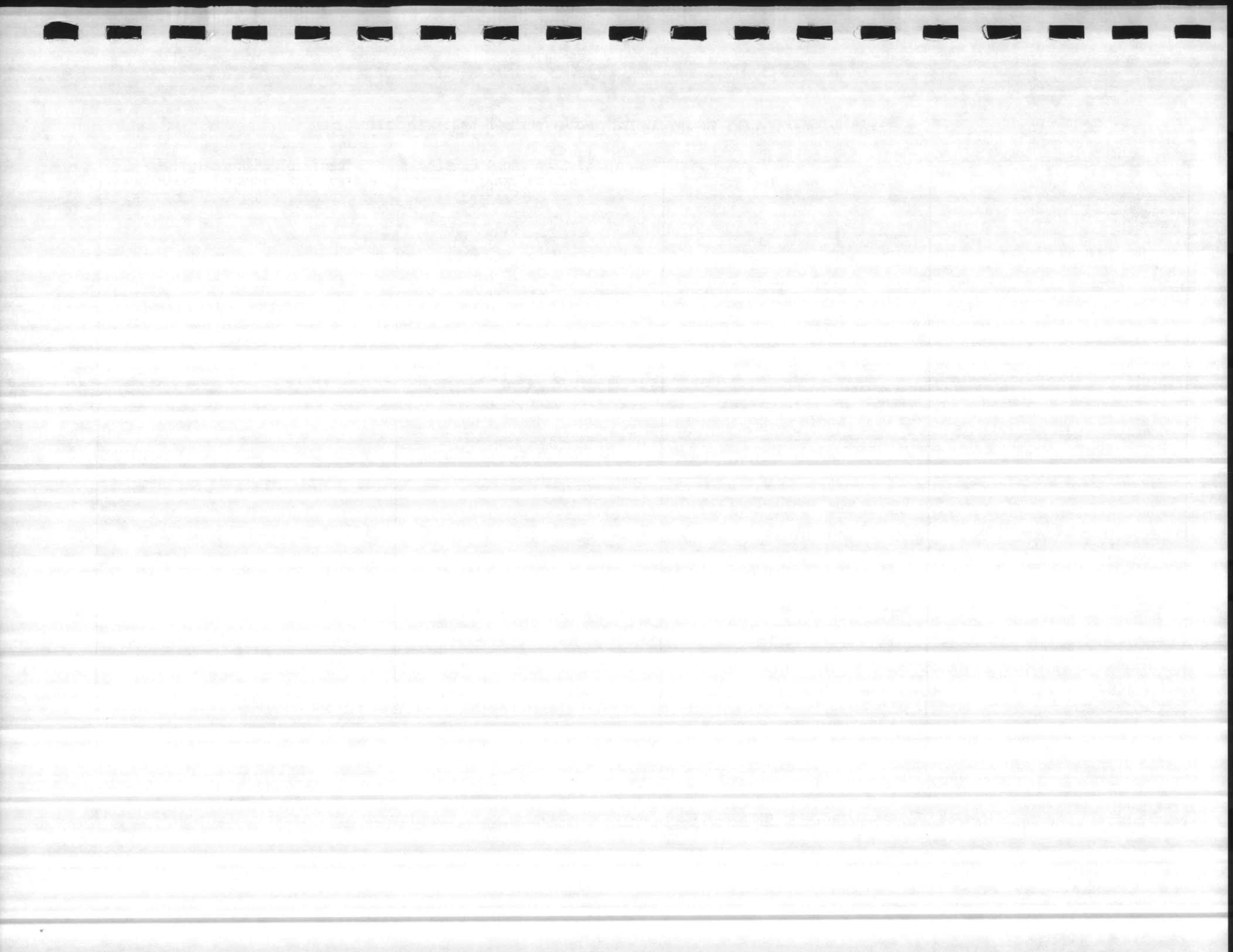
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



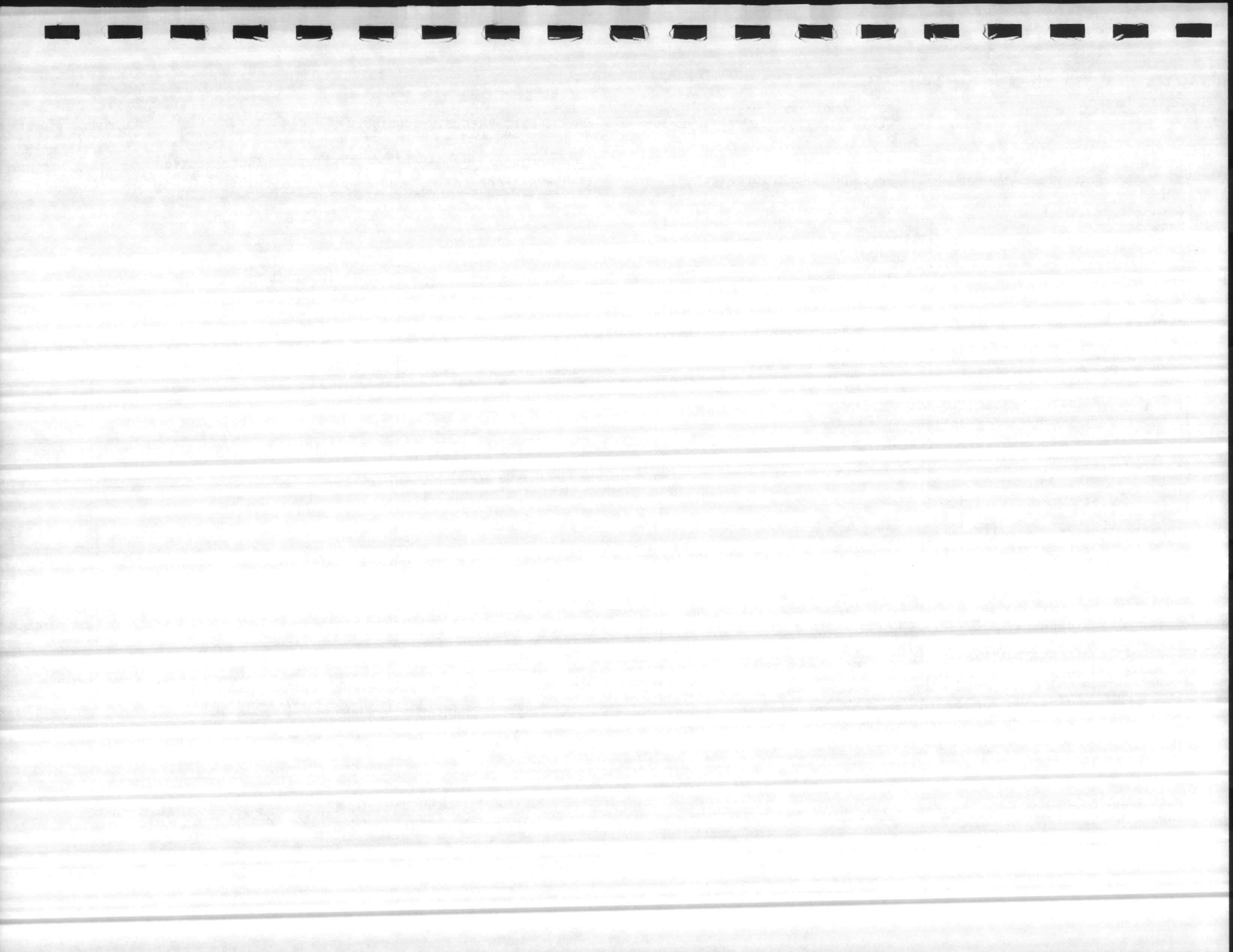
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... X Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... 19 targets Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X Stationary..... Moving..... Revolving..... Other.....			
Are There Associated Simulation Devices? Yes, No, NA	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

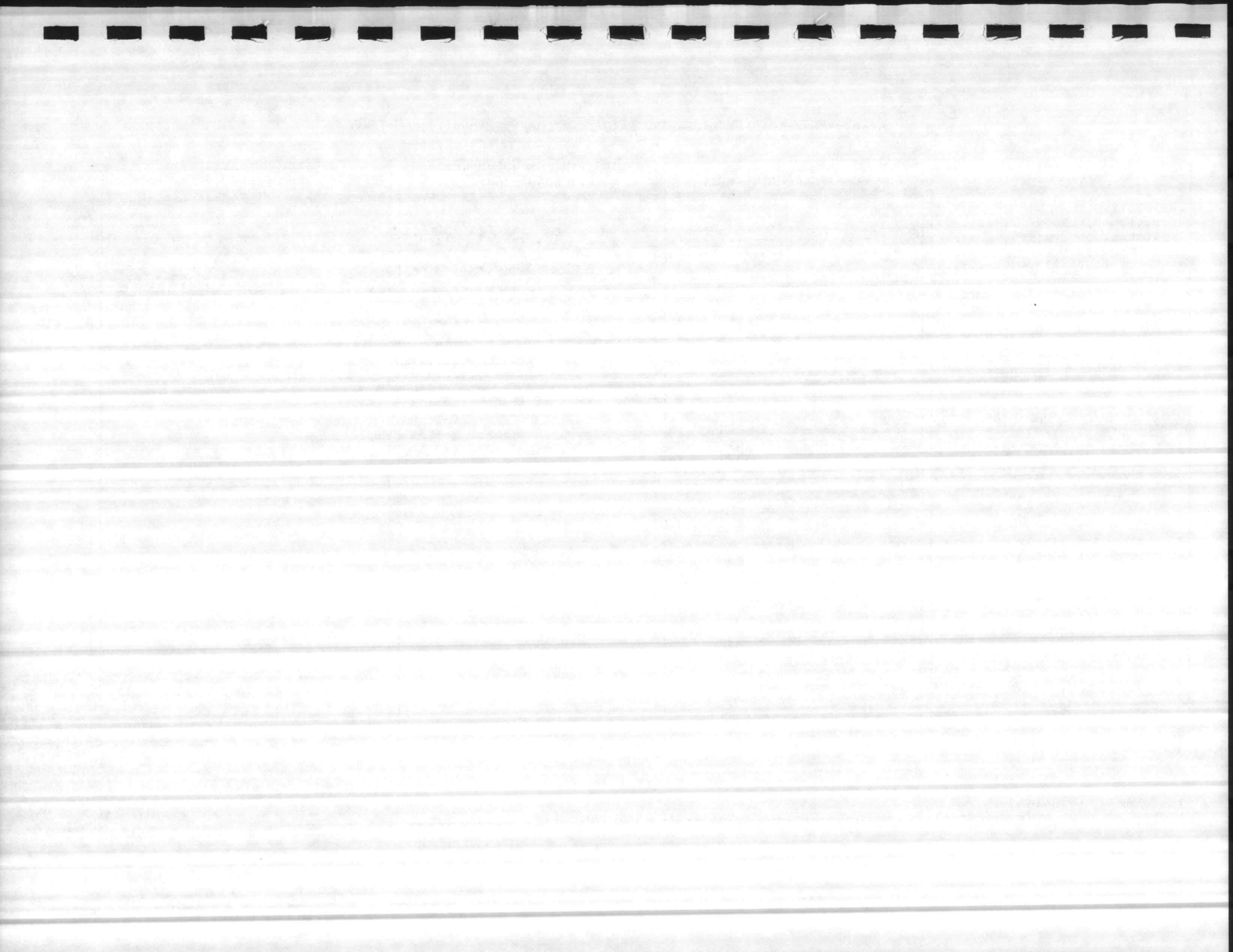
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M16, shotgun, M40A1, 60-mm illumination, 81-mm illumination		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





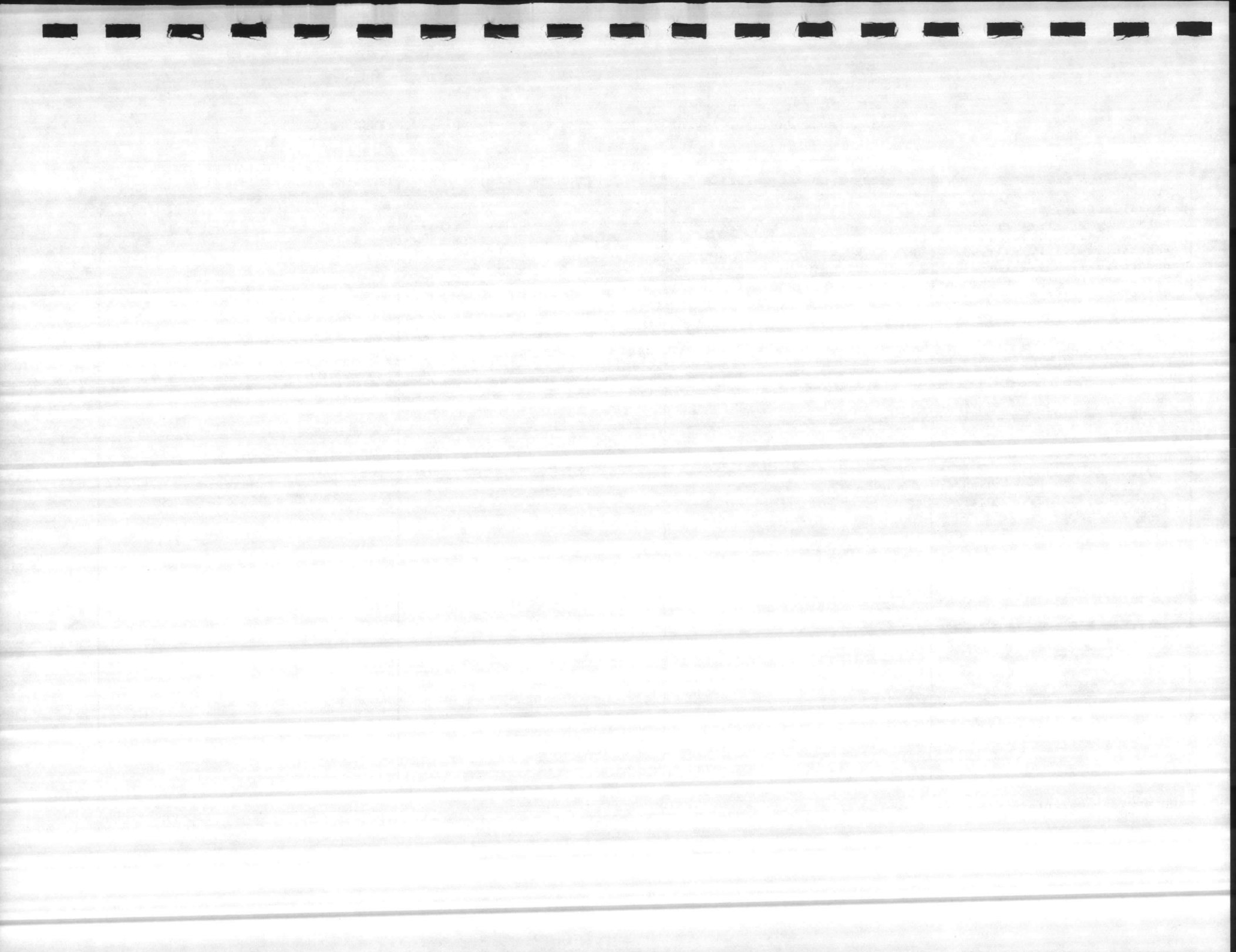
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	1 .....	.....	
No. of Land Water Routes....	.....	.....	
No. of Air Ingress Routes...	.....	.....	
No. of Air Egress Routes....	.....	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	17 .....	.....	
Ammunition (km).....	37 .....	.....	
Rations (km).....	17 .....	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	300 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns...	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



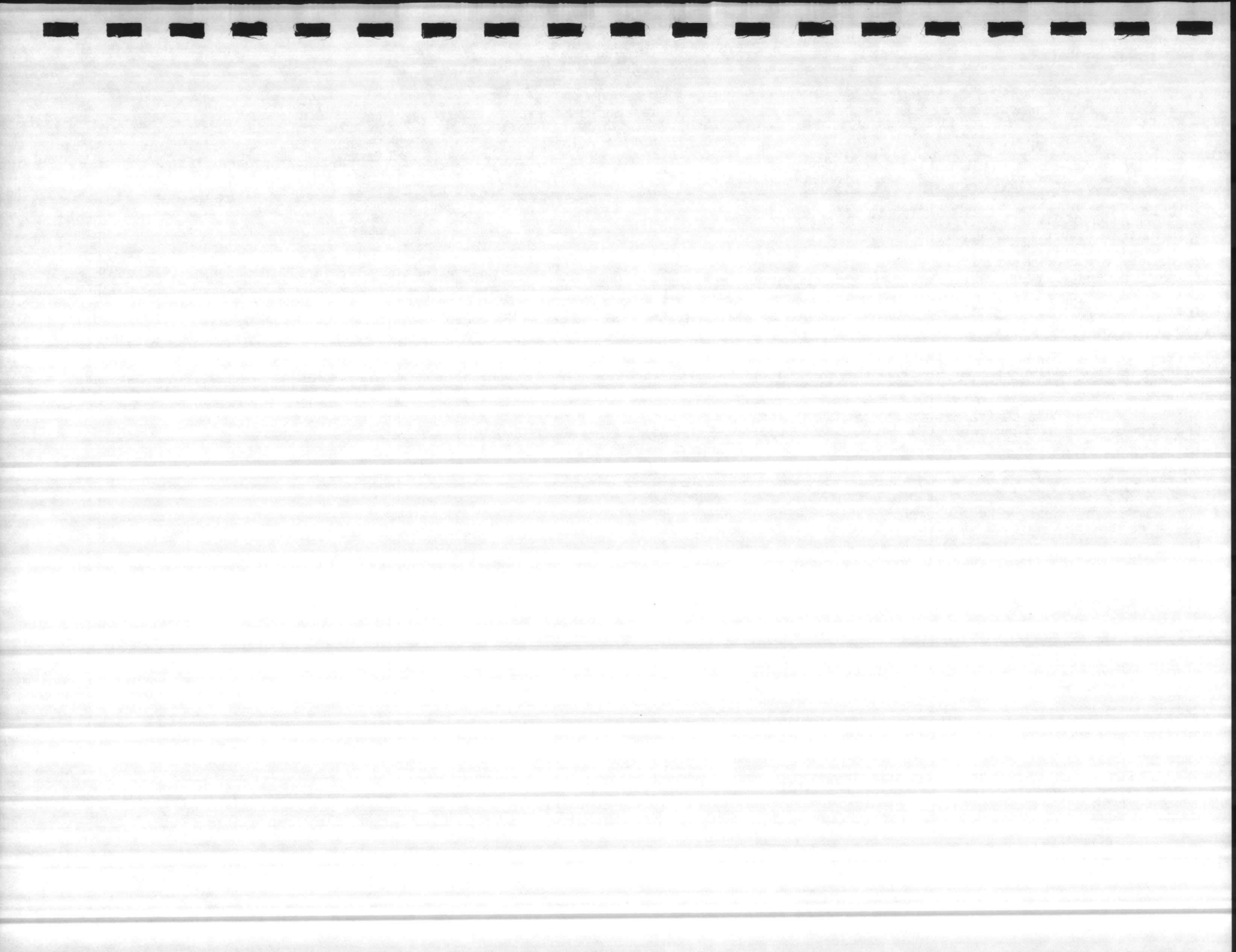
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 15 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No maneuver		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-322 Moving Realistic Target Range, MCB, Camp Lejeune, NC  
 Moving Realistic Target Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

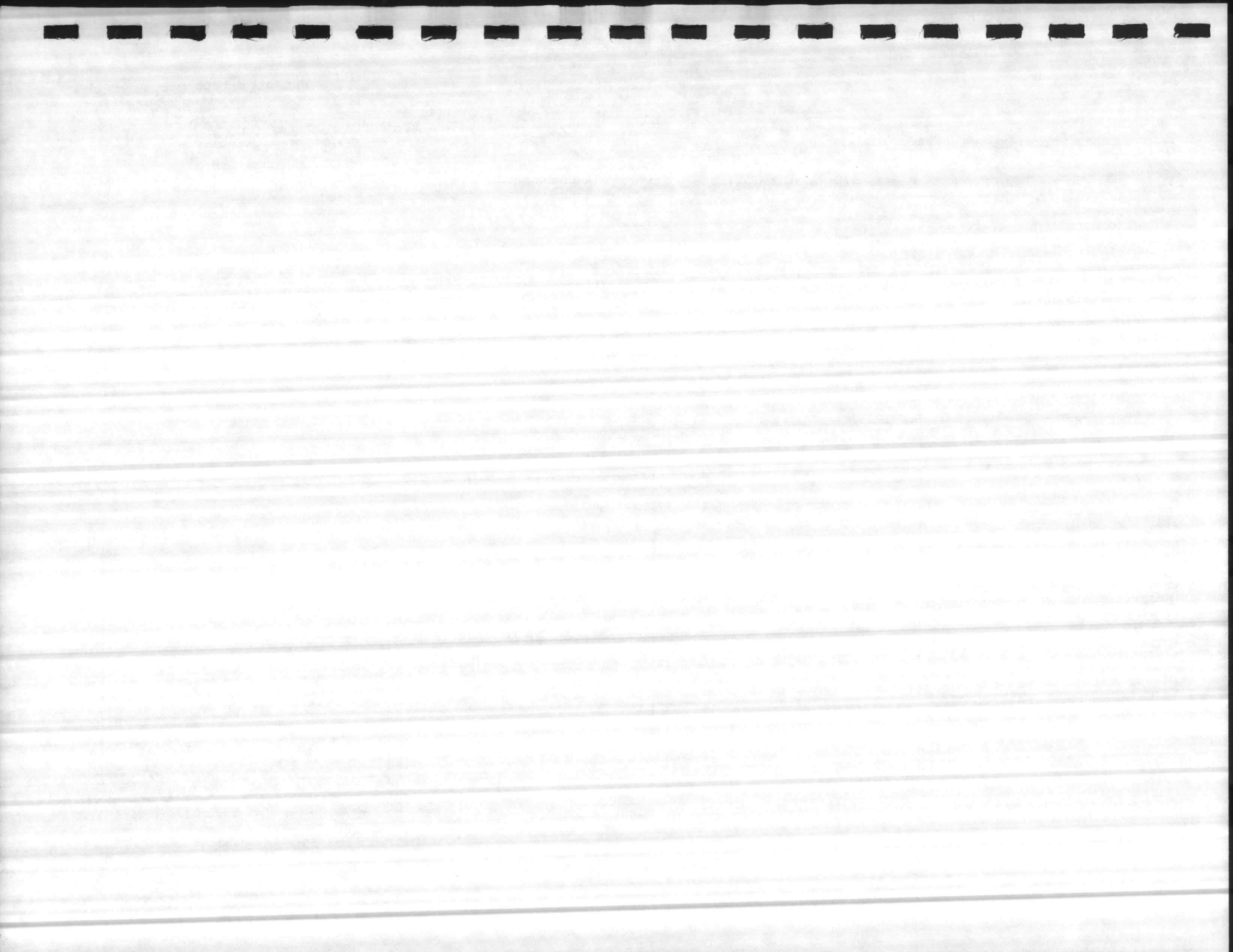
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.15 X 1.1		
Primary Direction of Fire	4094 MILS/230 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP819357		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	7		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

FILE NAME: LP010047

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

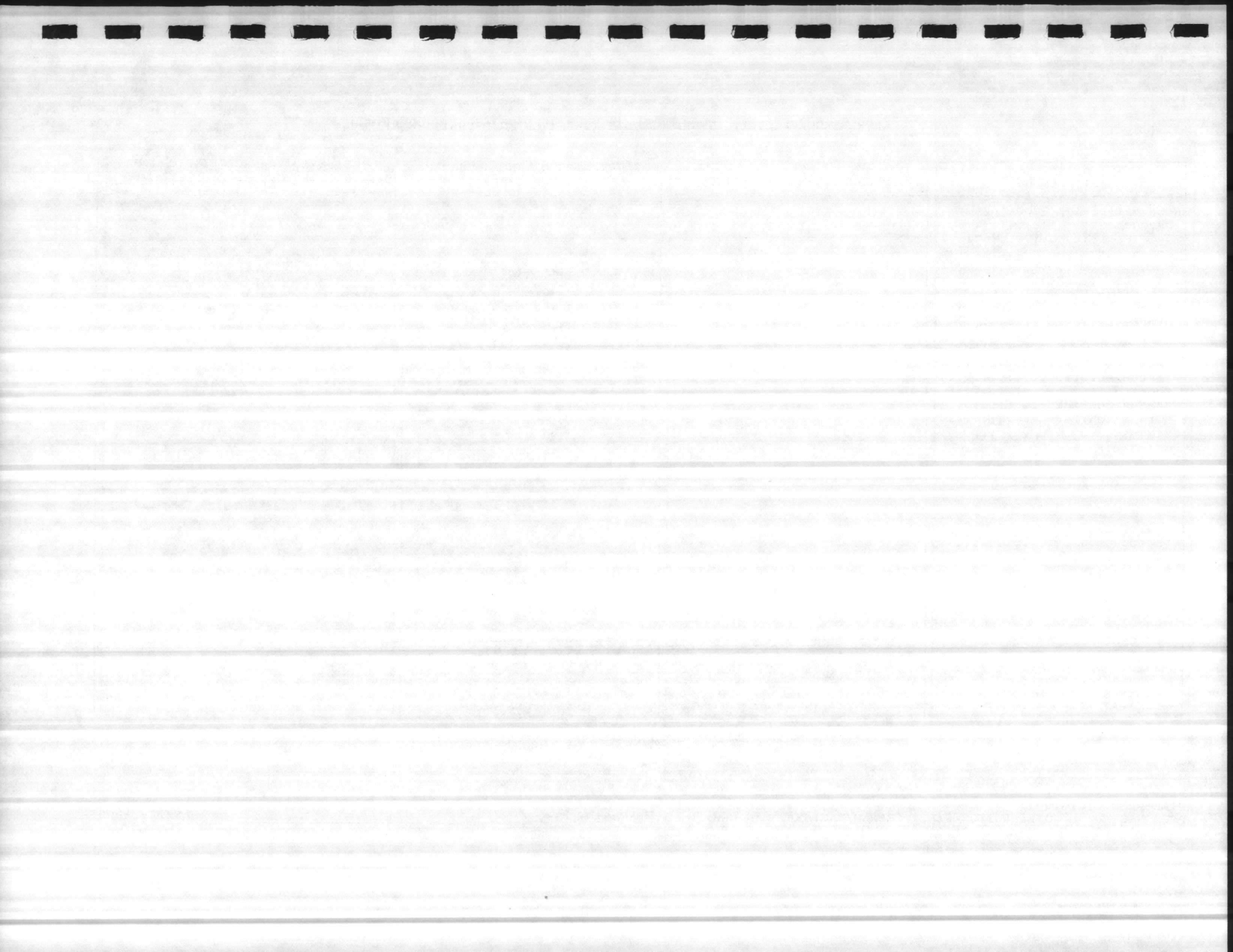
LFRTS-P-0001





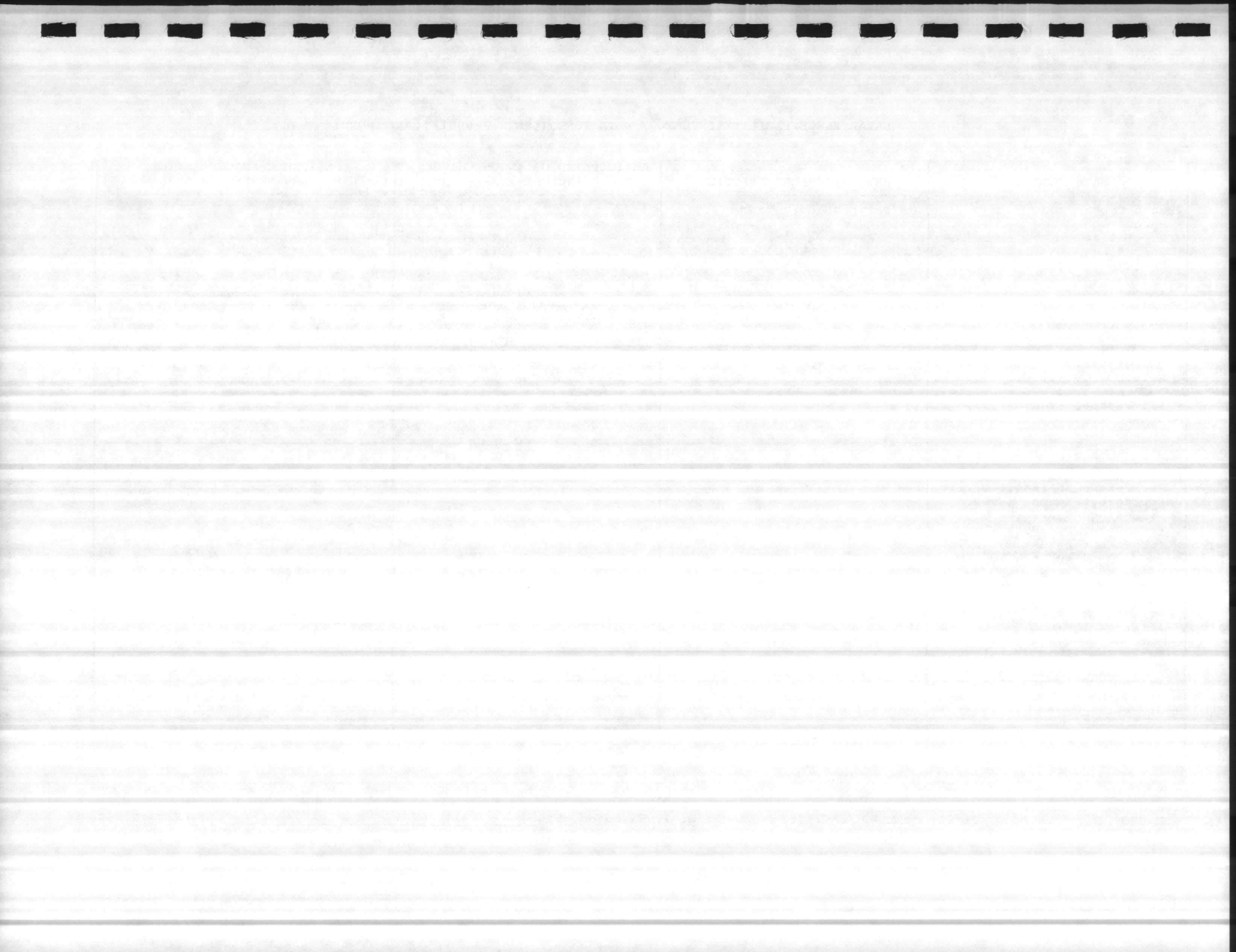
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... Other.....	X		
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... Revolving..... Other.....	X ..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		



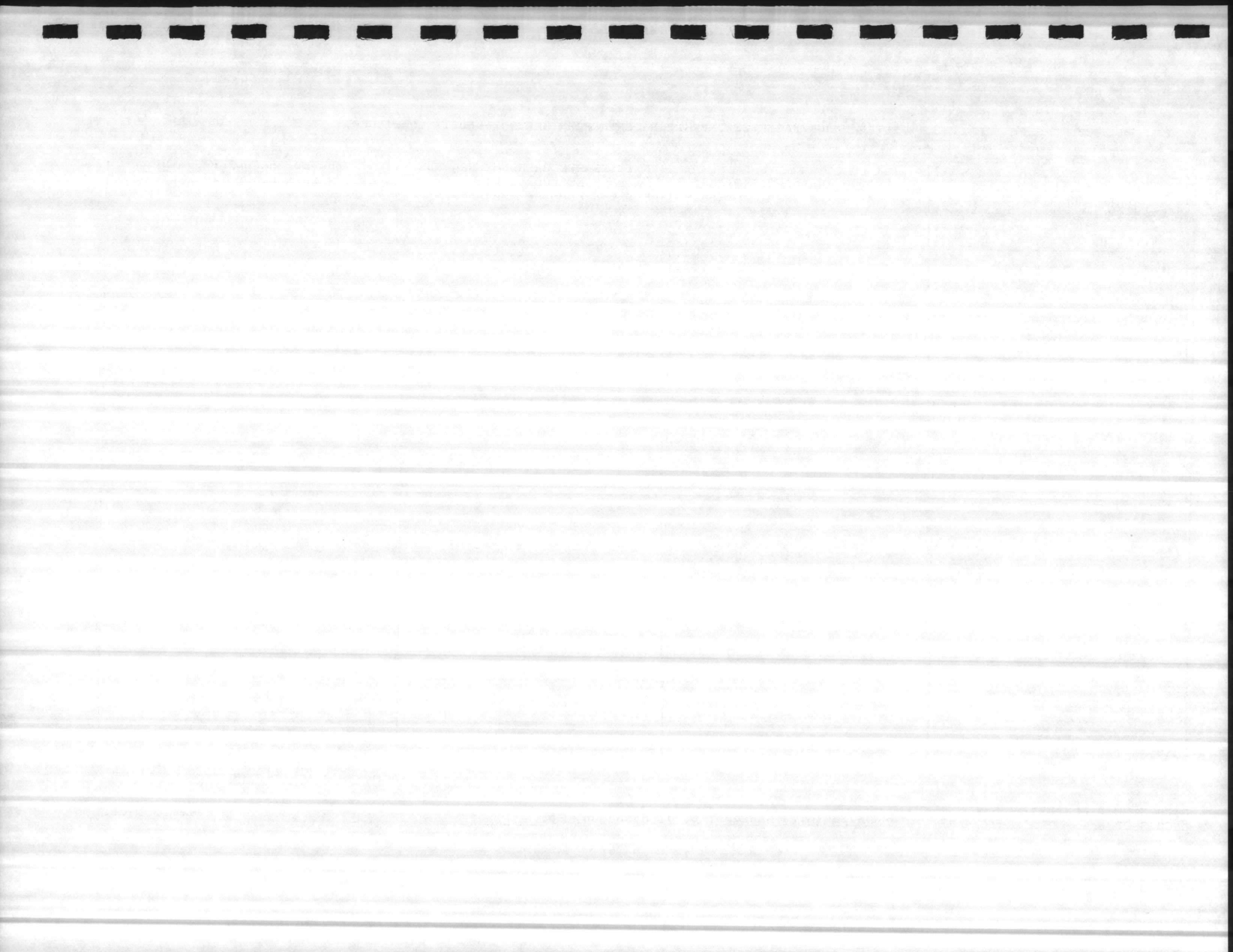
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, shotgun, M16		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



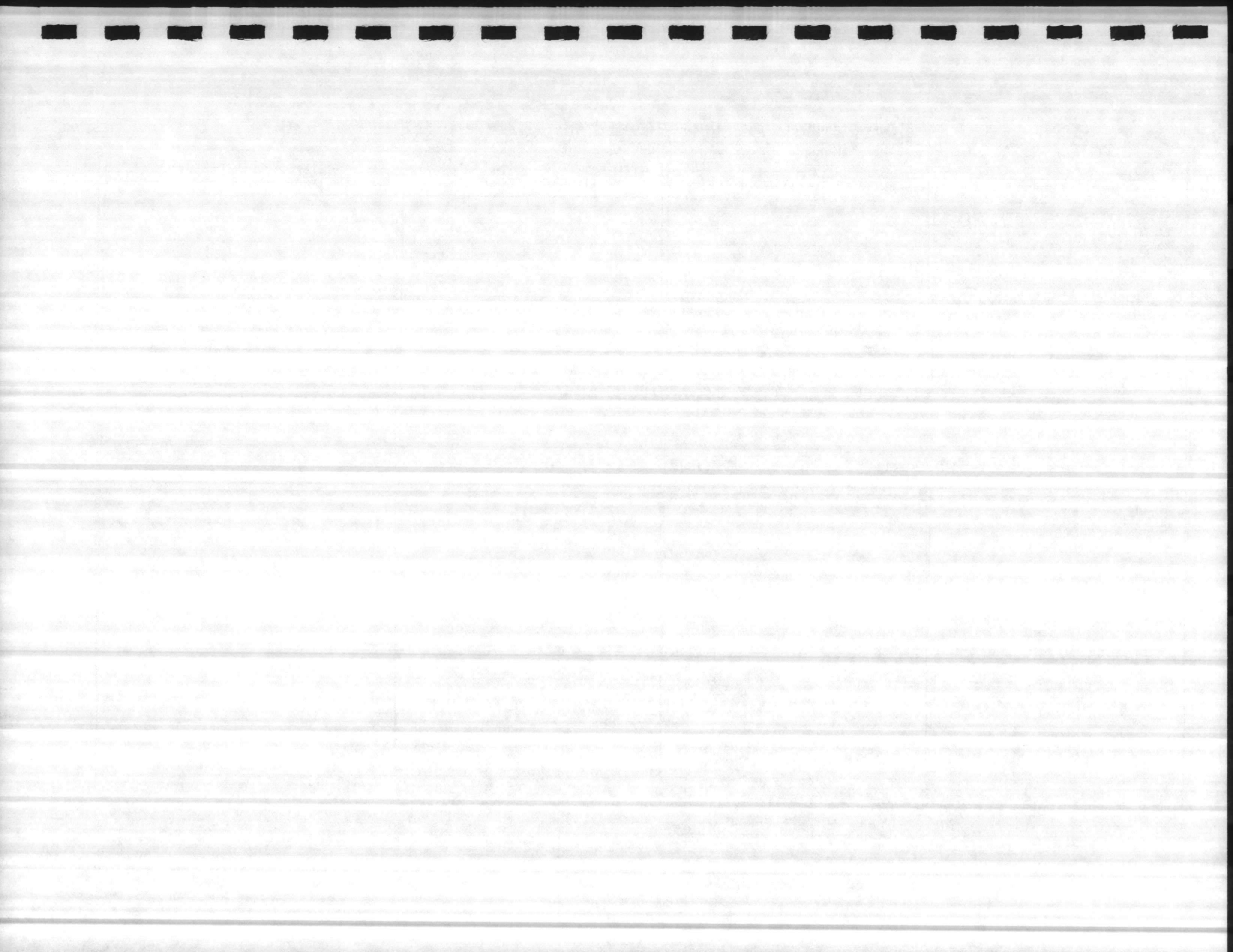
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	17 37 17		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	200		
Number of Days per Year the Range/Facility is Available			
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	NA		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Electrical power switch remains in off position when not in use		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No automatic firing permitted		





LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

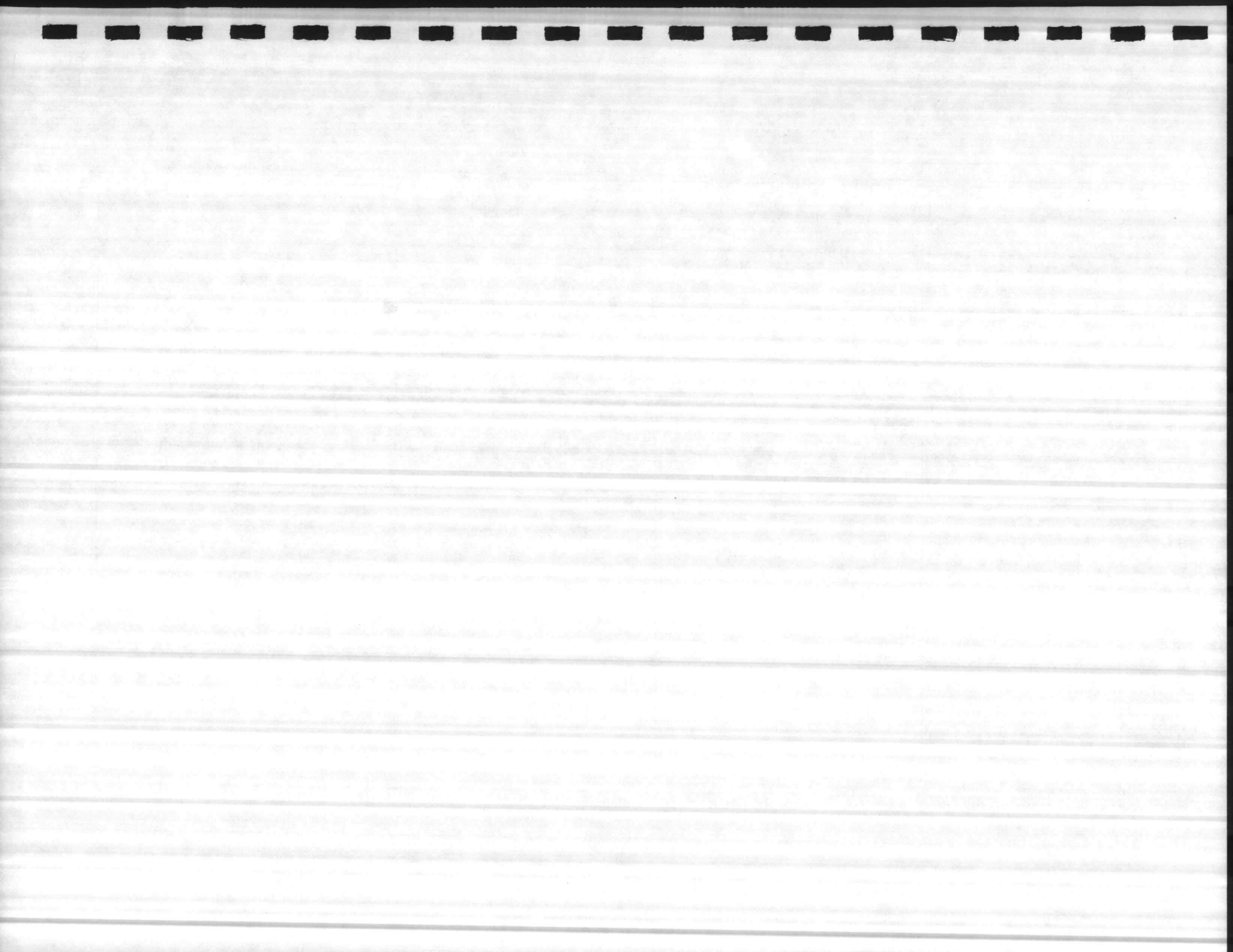
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010047

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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr, \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-323 Moving Realistic Target Range, MCB, Camp Lejeune, NC  
 Moving Realistic Target Range

INSTRUCTIONS:  
 -- One form for each range/facility/simulator  
 -- Fill in data elements as appropriate  
 -- Use right column for new or improved ranges needed

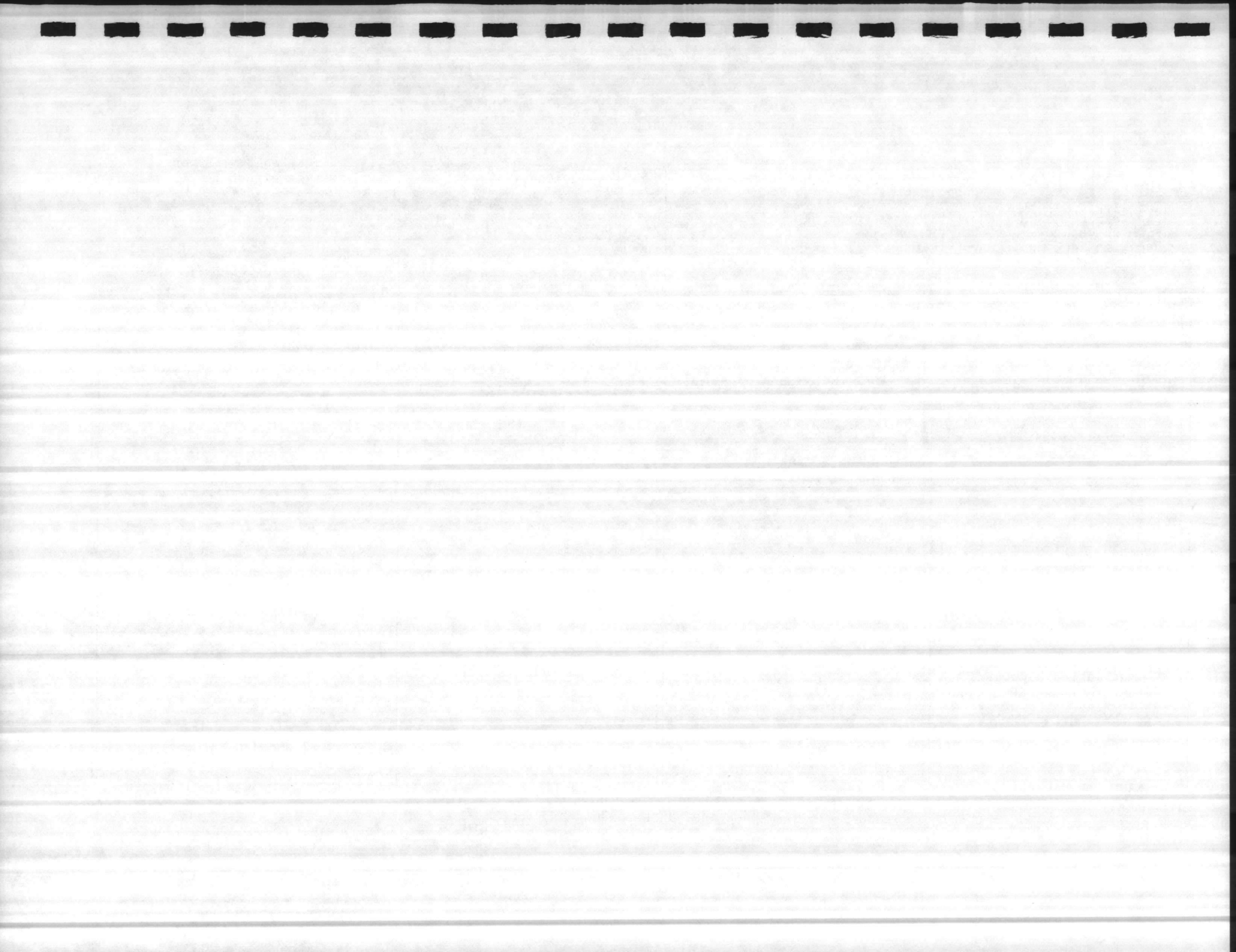
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	3.2 X 1.35		
Primary Direction of Fire	4094 MILS/230 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP819357		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	6		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

FILE NAME: LP010048

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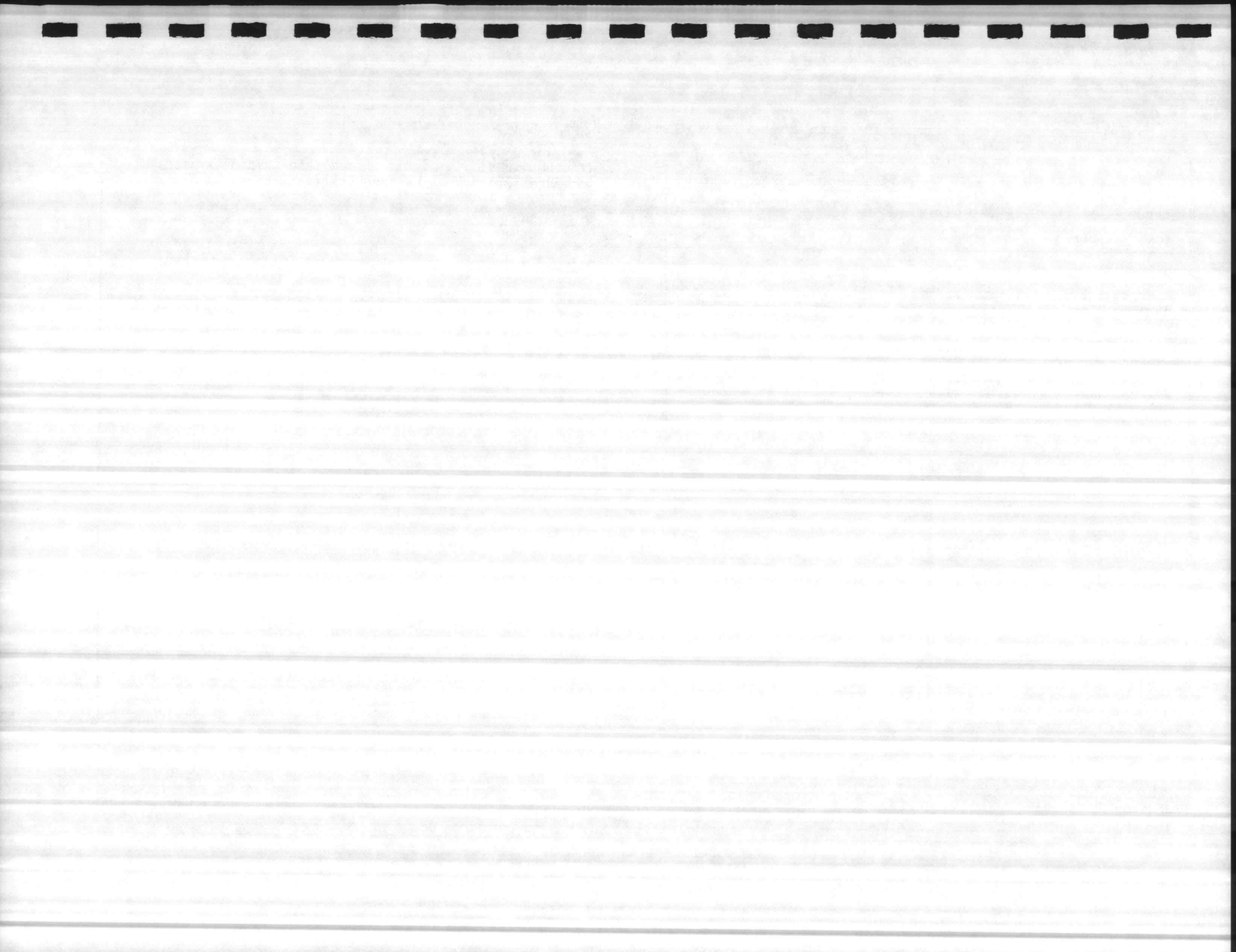
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

LFRTS-P-0001



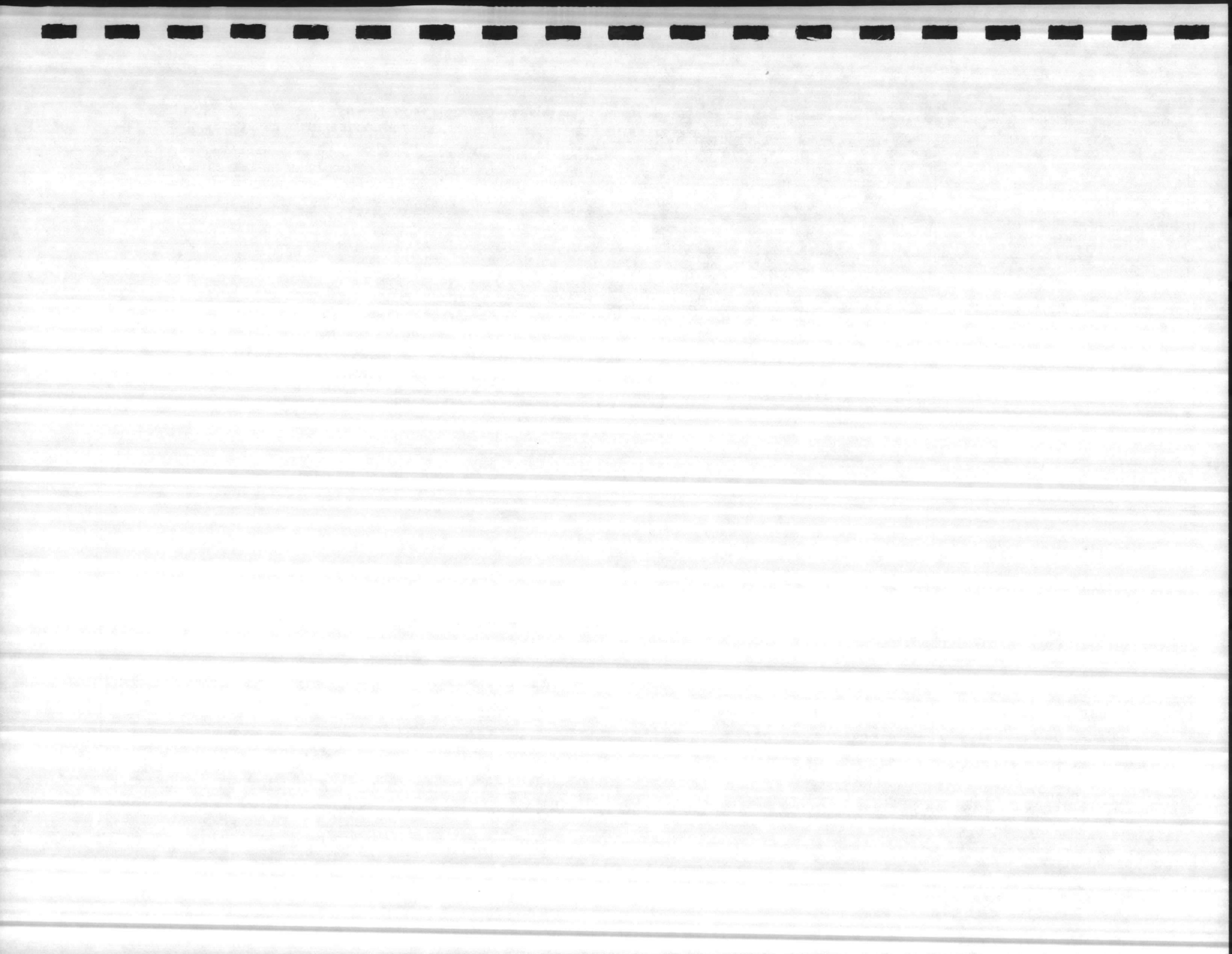
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... X Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... Moving..... X Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA			



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

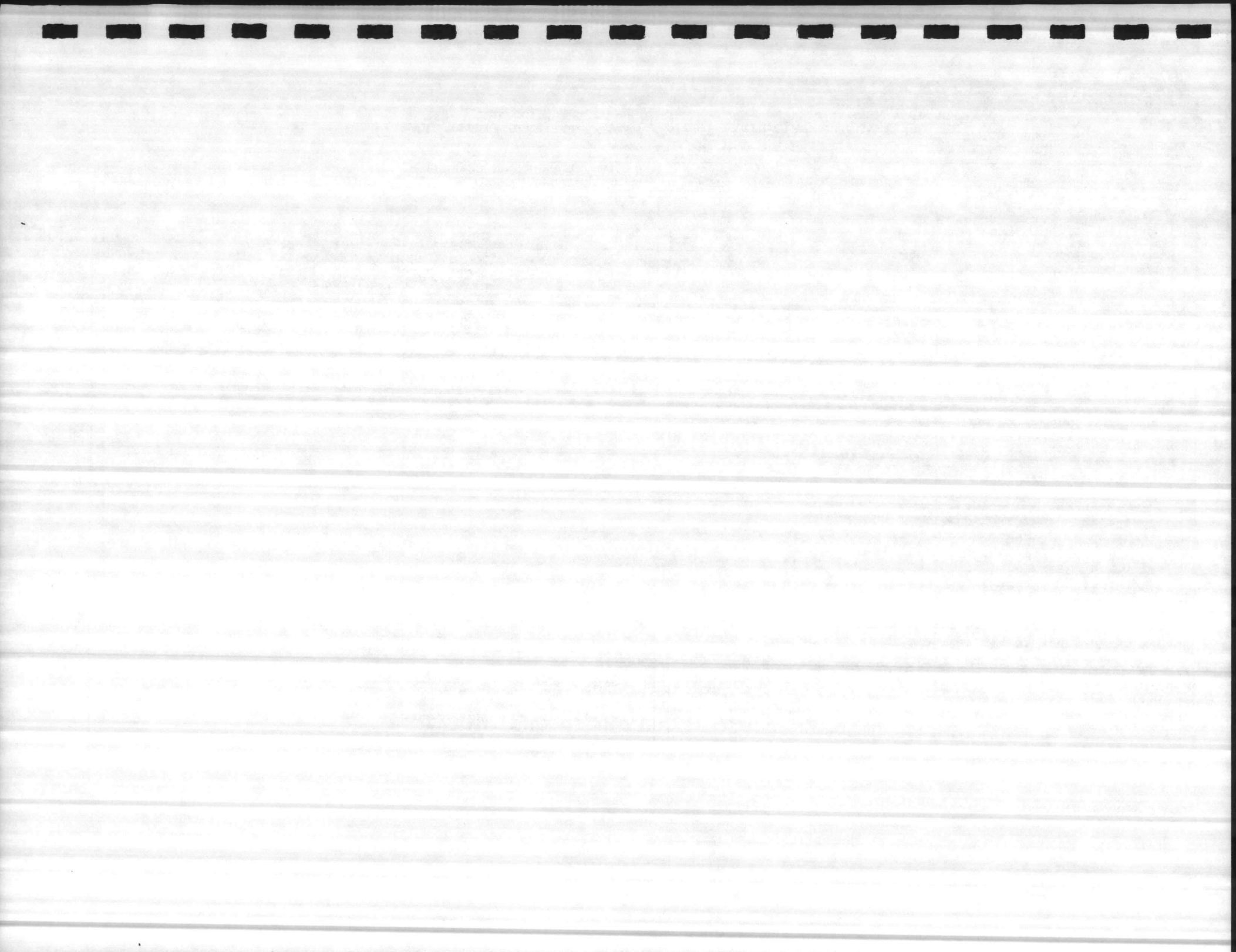
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M203, MK19		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 90 Percentage Clay..... Percentage Swamp/Marsh..... 10 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





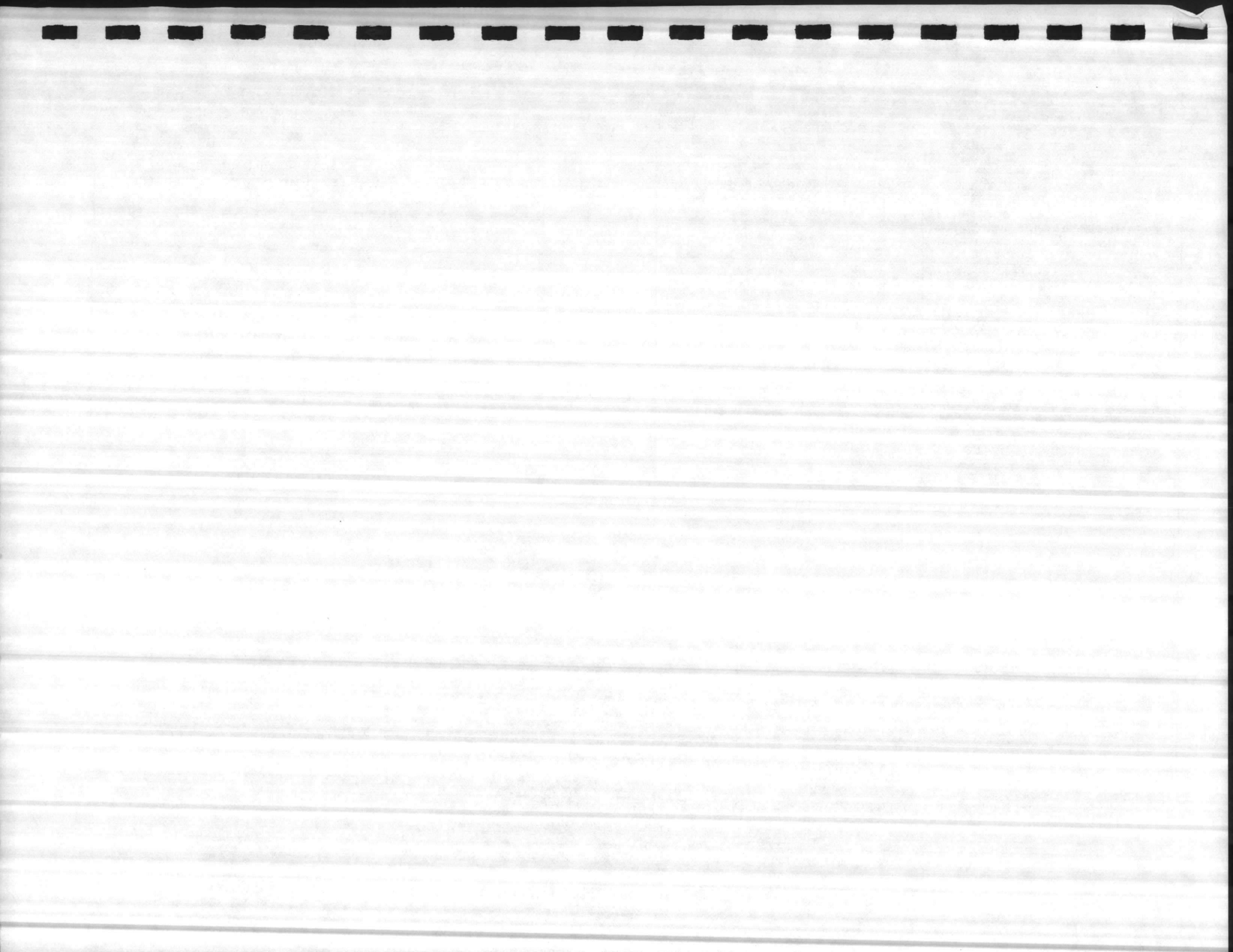
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	17 37 17		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	Undefined		
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001)

SUBMITTED BY: D. J. Hashagen, Sr., DRCO, AV 484-2102

TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-325 M72 LAW Range, MCB, Camp Lejeune, NC  
 M72 LAW Range

INSTRUCTIONS:

- One form for each range/facility/simulator
- Fill in data elements as appropriate
- Use right column for new or improved ranges needed

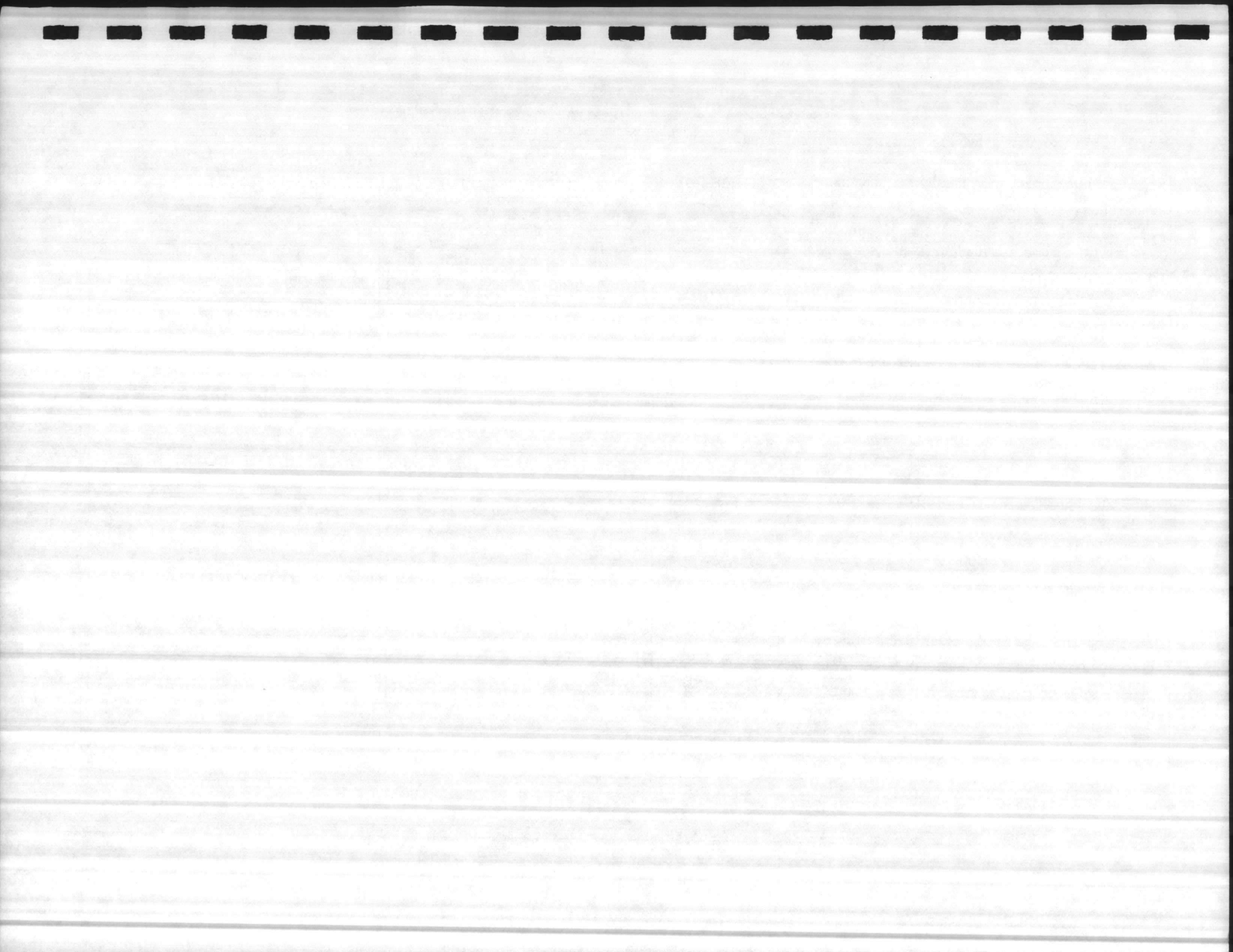
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	.6 X .5		
Primary Direction of Fire	4240 MILS/239 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP823355		
Safety Buffer Rear (km).....	80 m		
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	35		
Range Facilities Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010049

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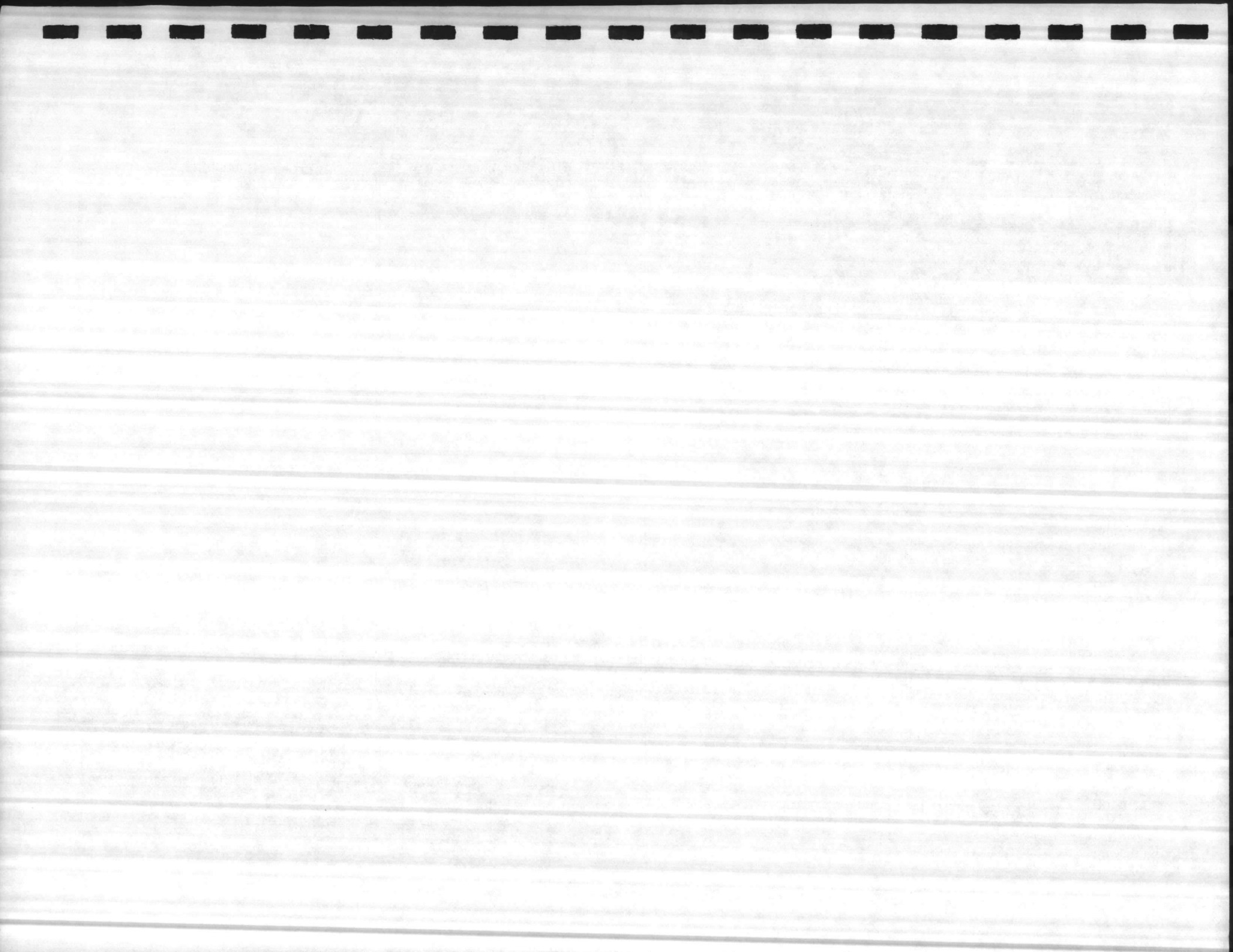
RANGE/FACILITY MANAGER: D. J. Hashagen, Sr. \_\_\_\_\_

LFRTS-P-0001



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

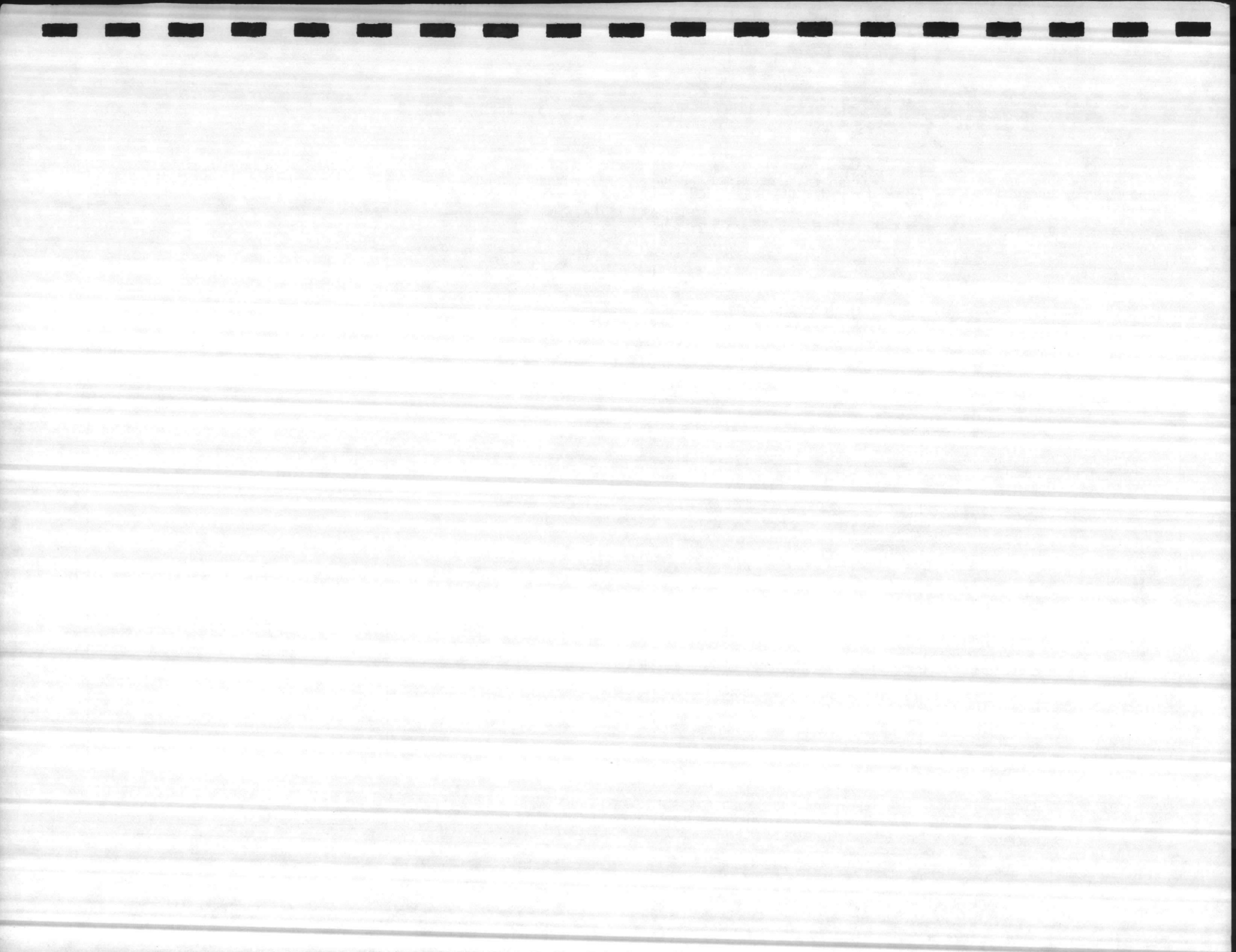
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	NA		
Target Types Pop-up..... Stationary..... X Moving..... X Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	NA		





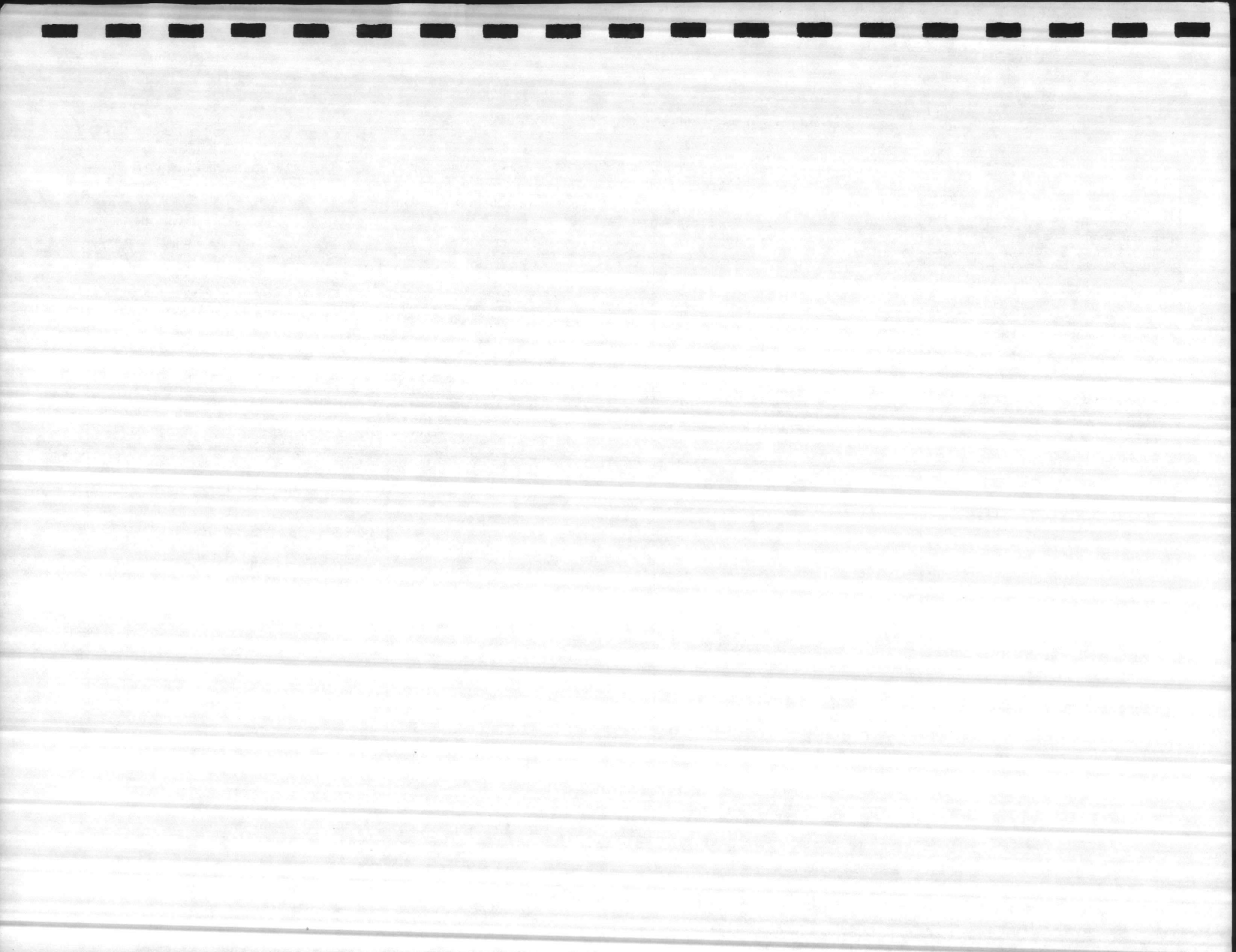
LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	M72 LAW, M73 LAW		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 100 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 100 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	1		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	18 38 18		
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g., No. of Individuals..... No. of Batteries..... No. of Crew-Served Wpns... No. of Aircraft/Helos..... as Appropriate	200		
Number of Days per Year the Range/Facility is Available	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		



PRESENT CHARACTERISTICS

ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)

DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)

Maintenance Per Year  
Weather  
Fire Condition/Weather  
Weekends/Holidays  
Other

15  
15

Other Ranges Which Must Be Closed When This Range is in Use

NA

Are there Site-unique Measures (Waivers to Range Standards, Safety, etc.)? No, Explain

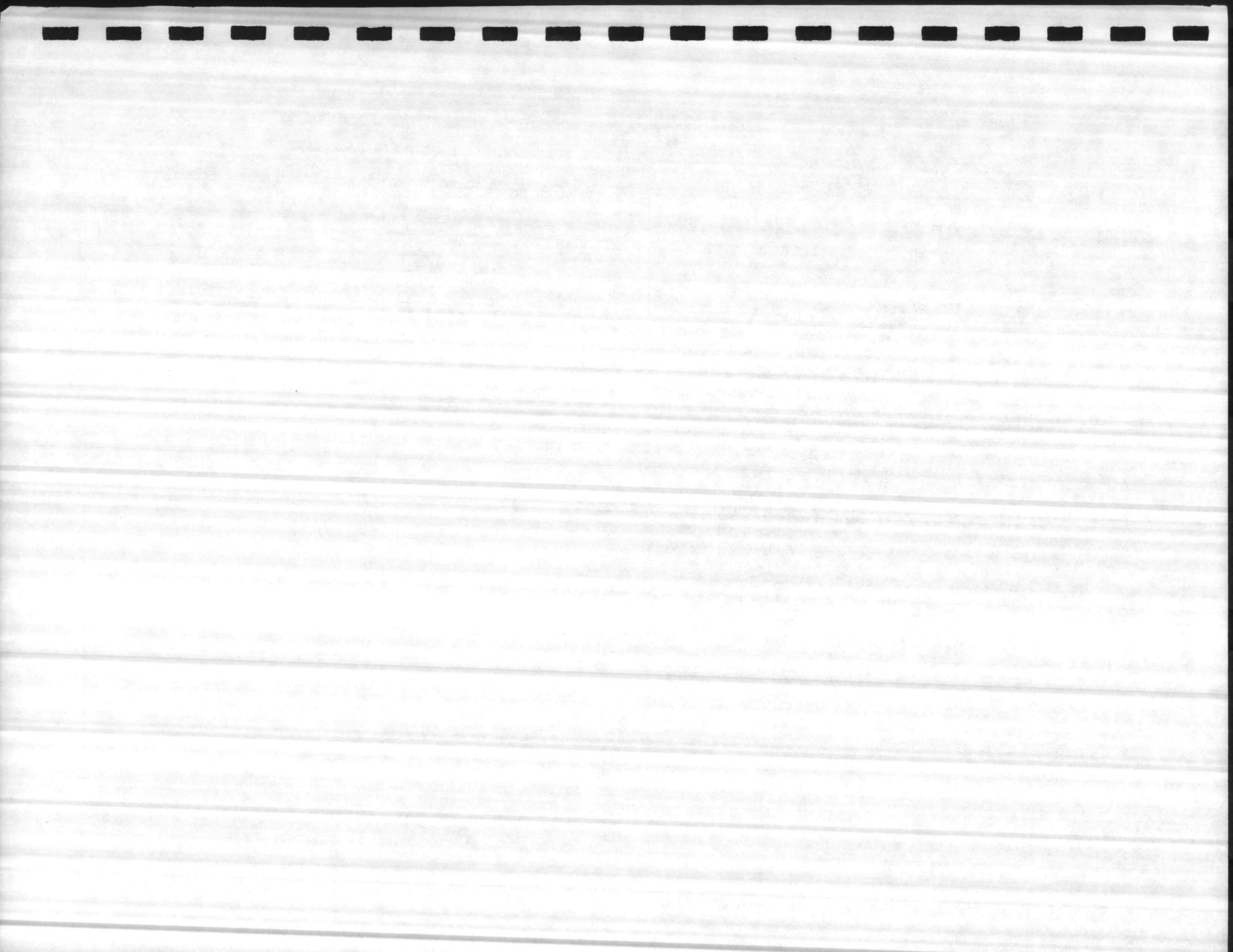
Yes  
No downrange movement

Are Site-unique Reports Placed on Using Explain

Yes  
Report all duds to RCDO

10049  
DATE: 03/05/87

RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.



LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

