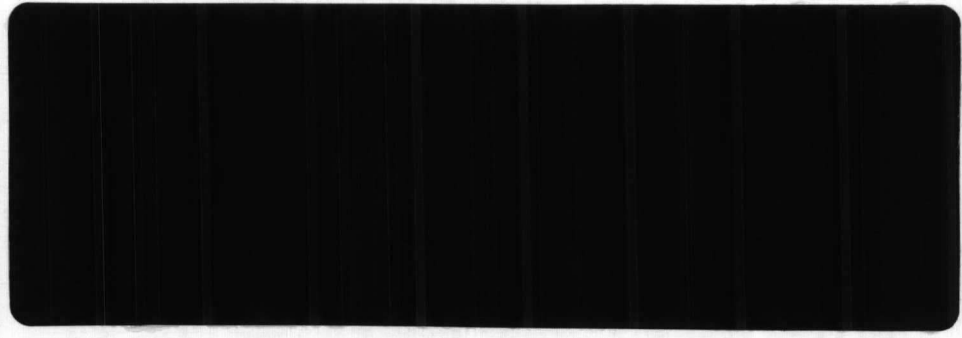
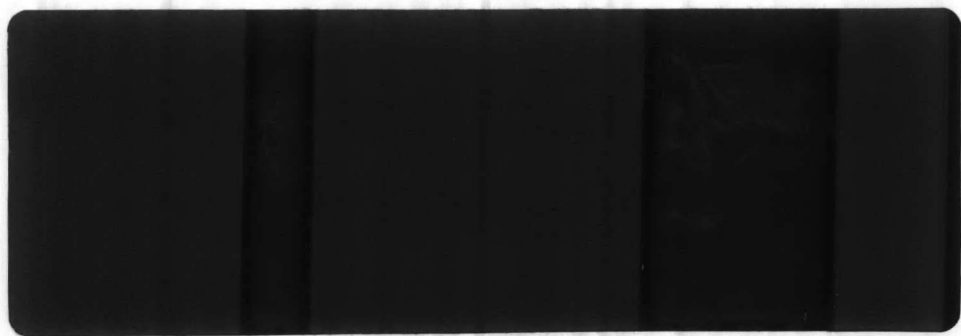




5 Koger Executive Center, Suite 127, Norfolk, VA 23502 • (804) 461-1537









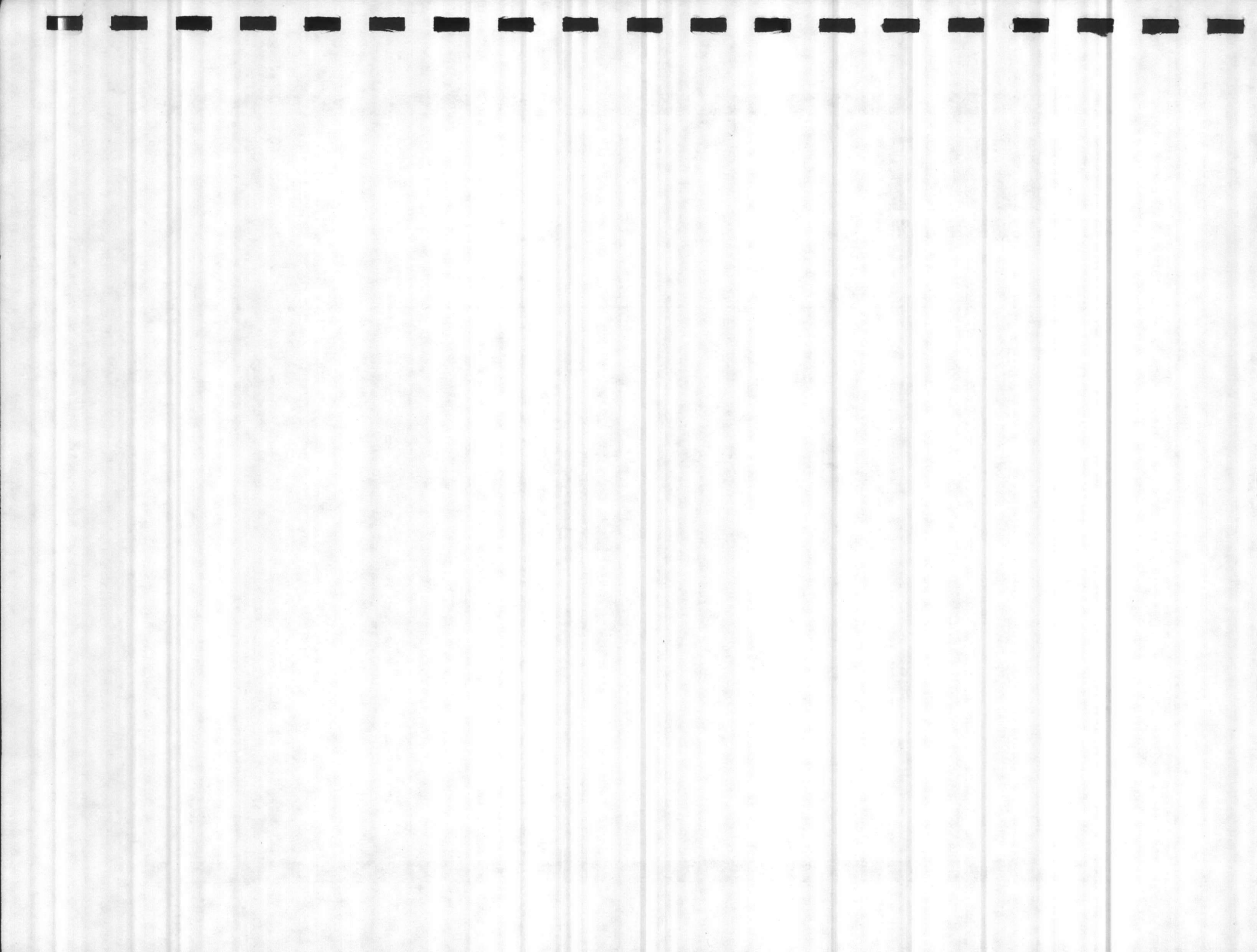
5 Koger Executive Center, Suite 127, Norfolk, VA 23502 • (804) 461-1537

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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 2

SEPTEMBER 30, 1987

BDM/NOR-87-0949-TR



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-326 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

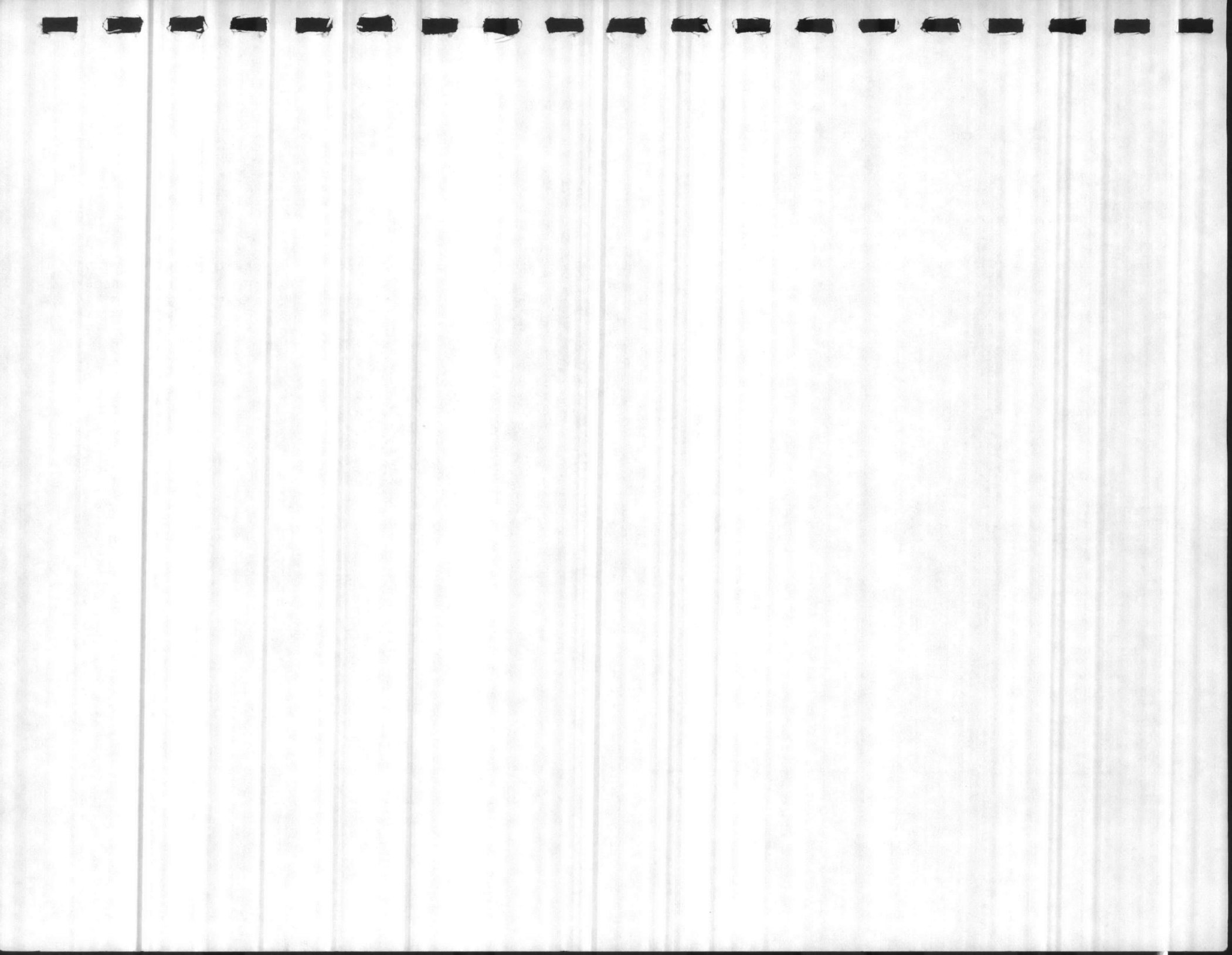
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.55 X 1.55		
Primary Direction of Fire	Undefined		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP817365		
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 X X		

FILE NAME: LP010050

PAGE 1 OF 6 DATE: 03/05/87

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

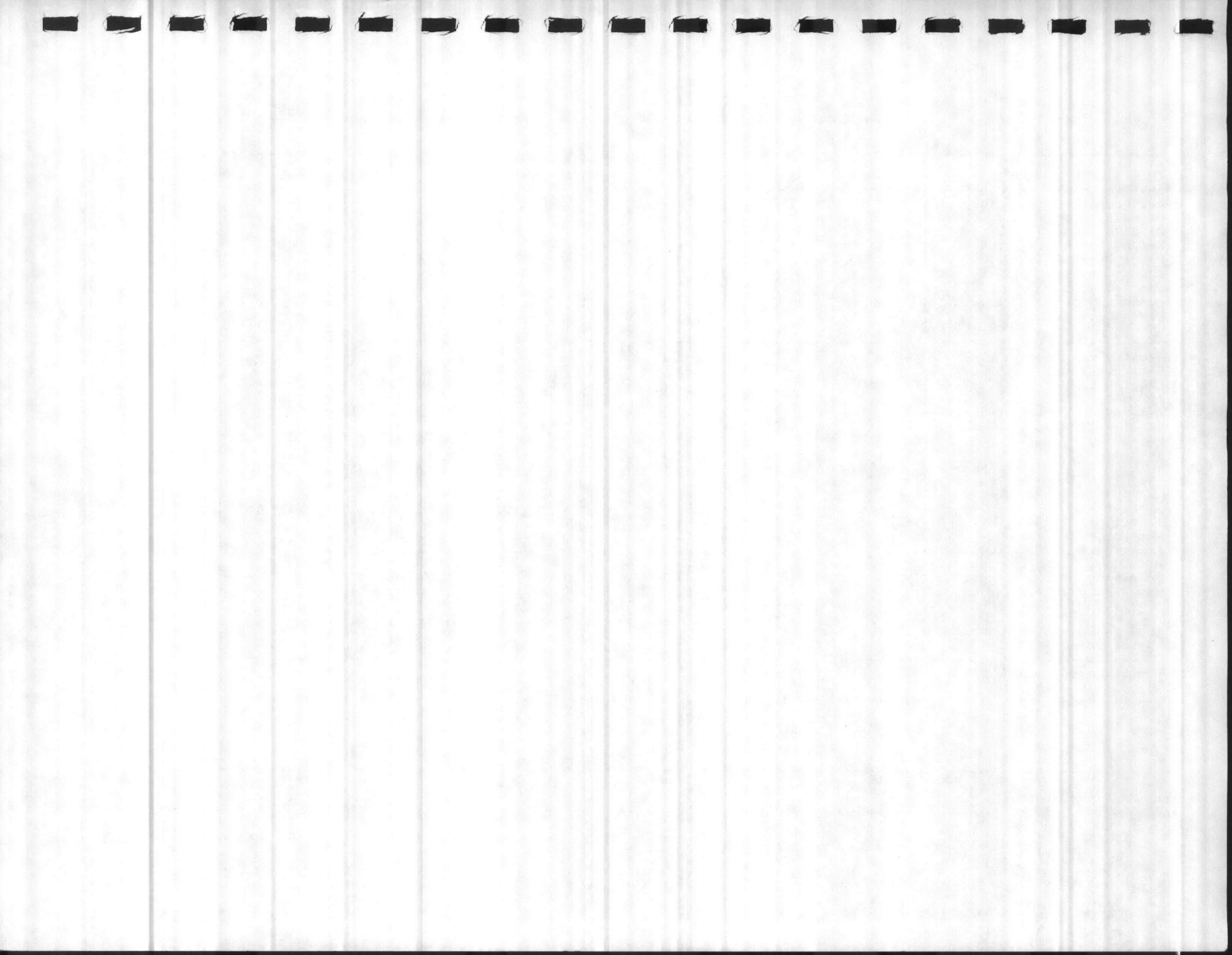
LFRTS-P-0001



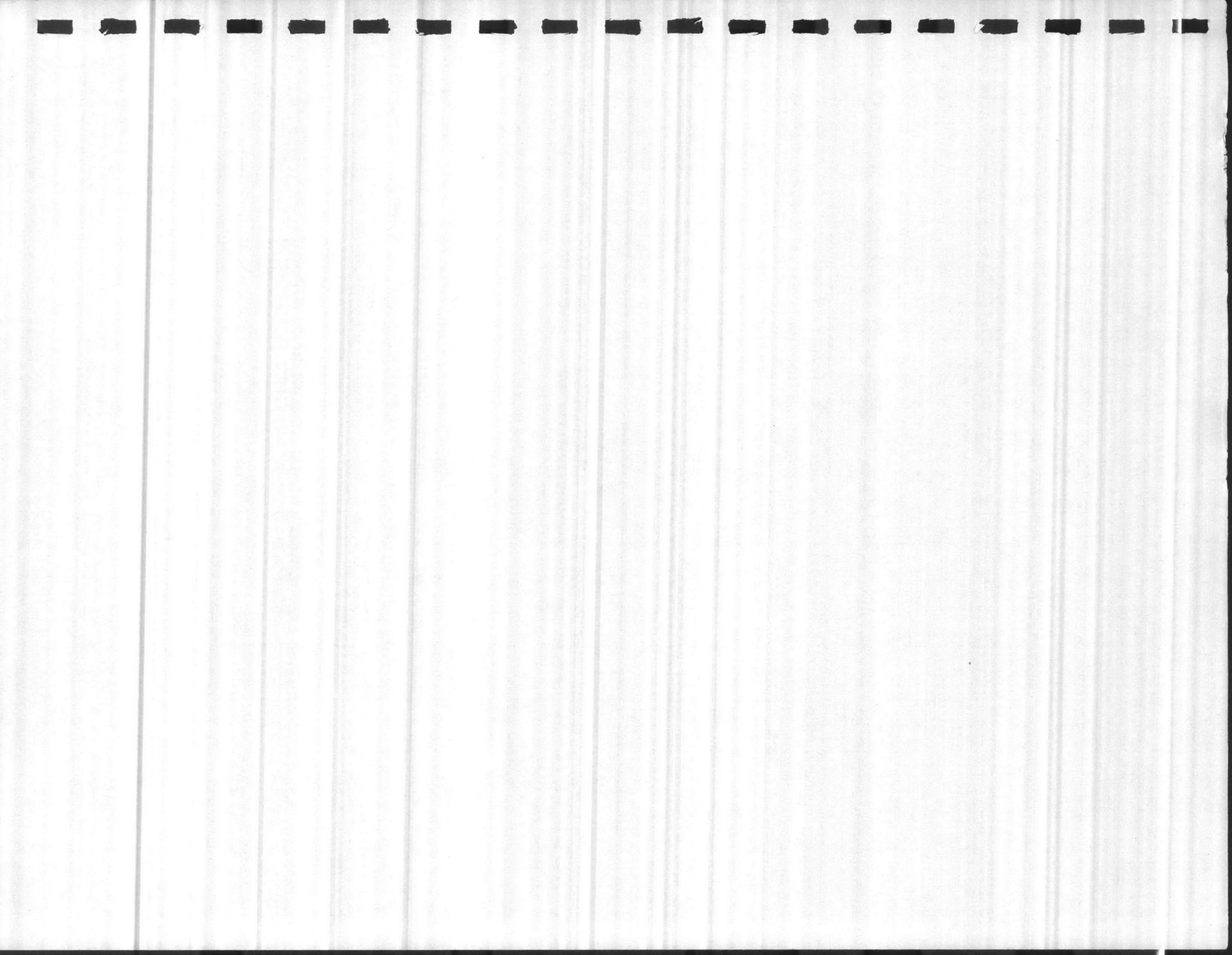


LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

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		



PART I, SECTION 2  
LIVE FIRE RANGE AND TRAINING RESOURCES  
(LFRTS-P CONTINUED)





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), small arms ammunition testing		
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: LP010050

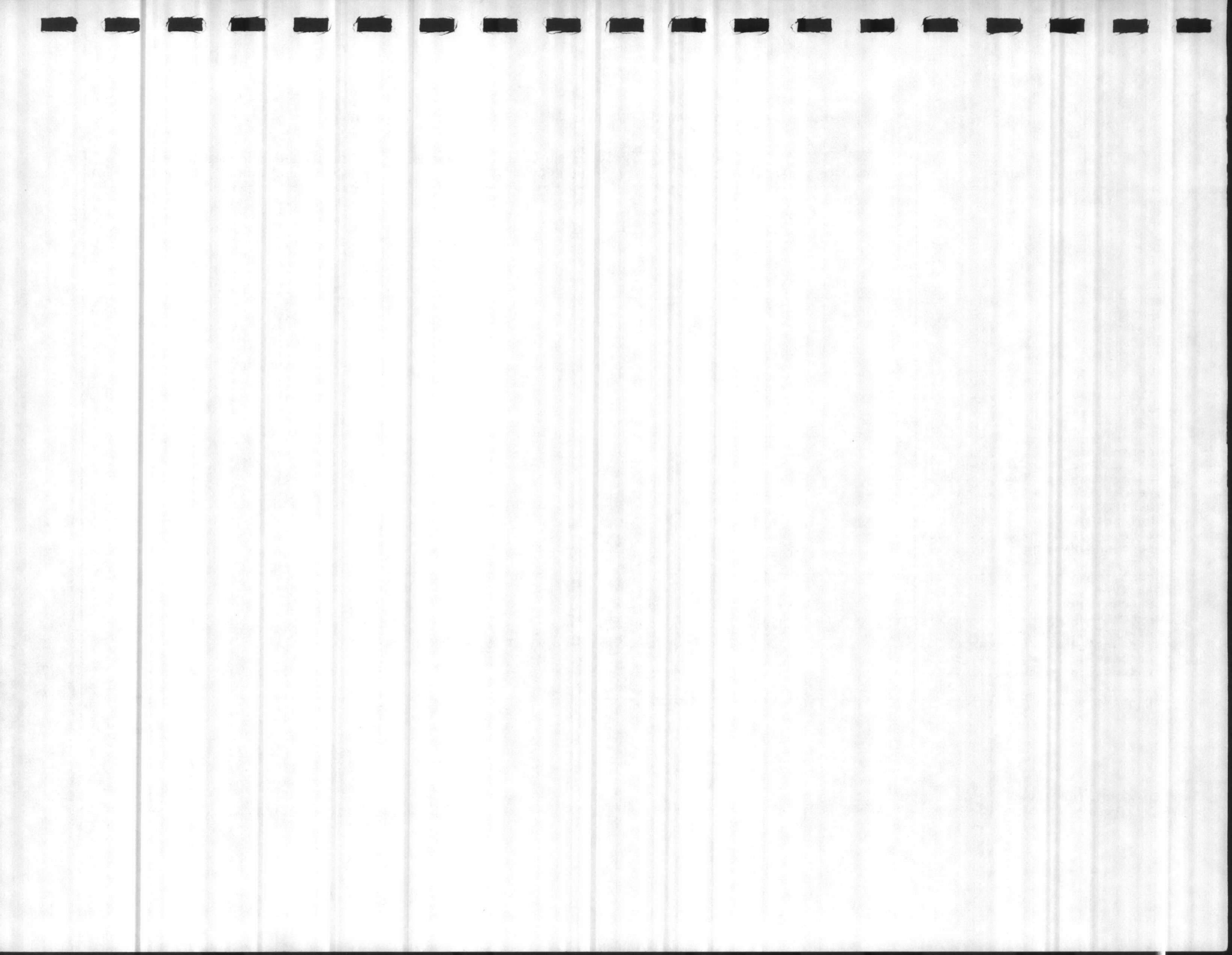
PAGE 3 OF 6

DATE: 03/05/87

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

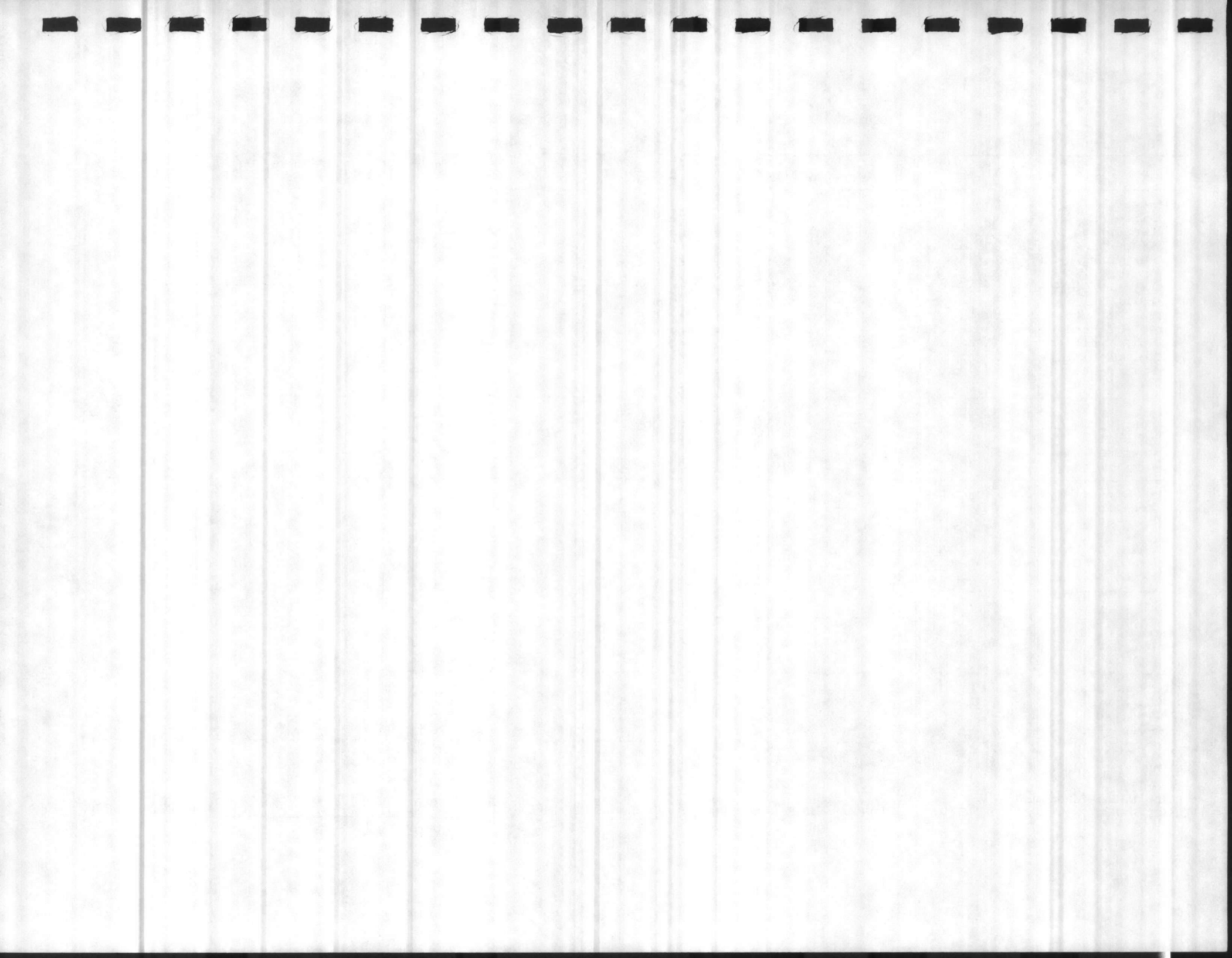
LFRTS-P-0001





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

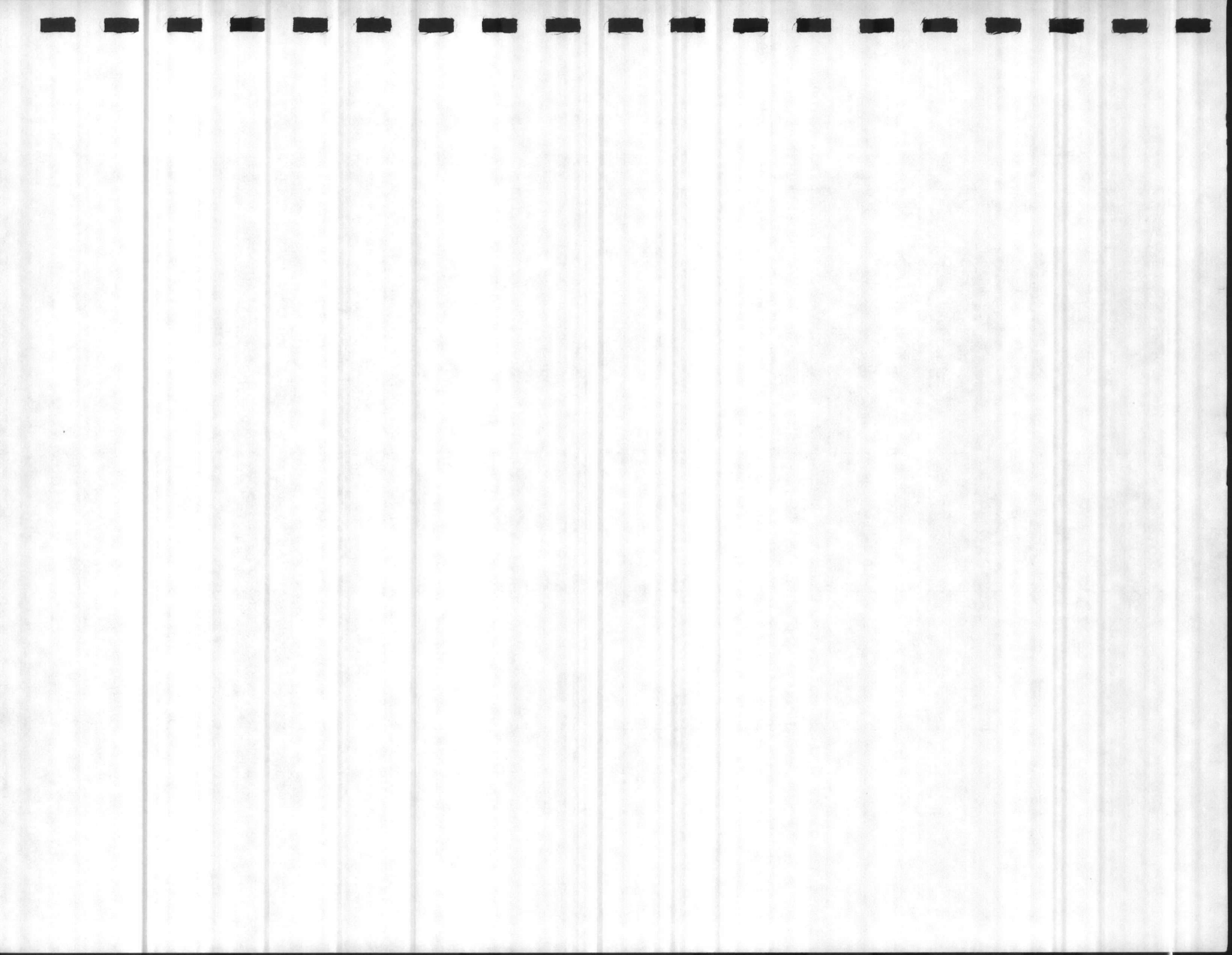
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water 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	NA		
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 EOD demolition range 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)

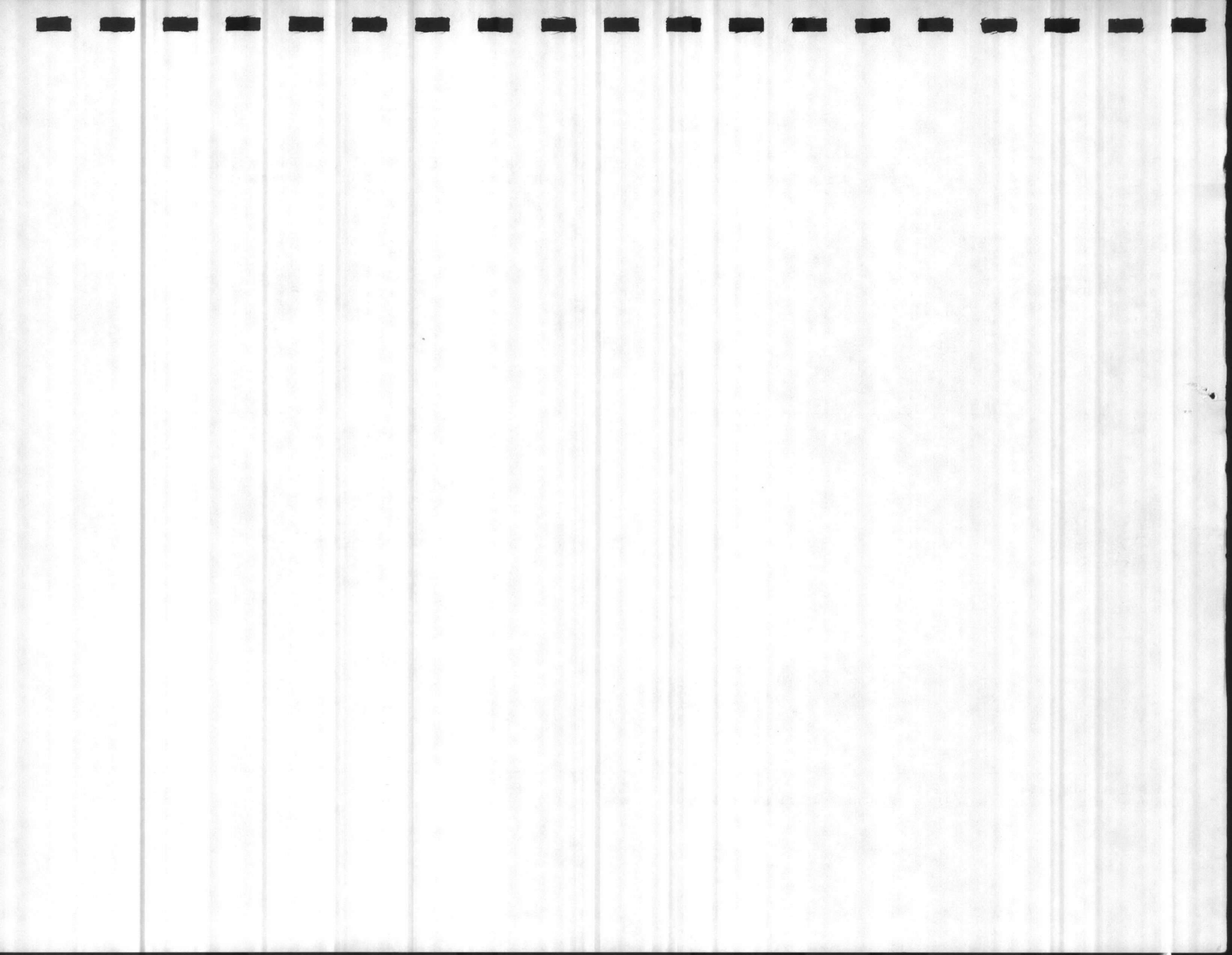
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010050

PAGE 6 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)

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-402 Fire and Movement Range, MCB, Camp Lejeune, NC  
 Fire and 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)	1.7 X 1.4		
Primary Direction of Fire	SE		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP777349		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	8		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

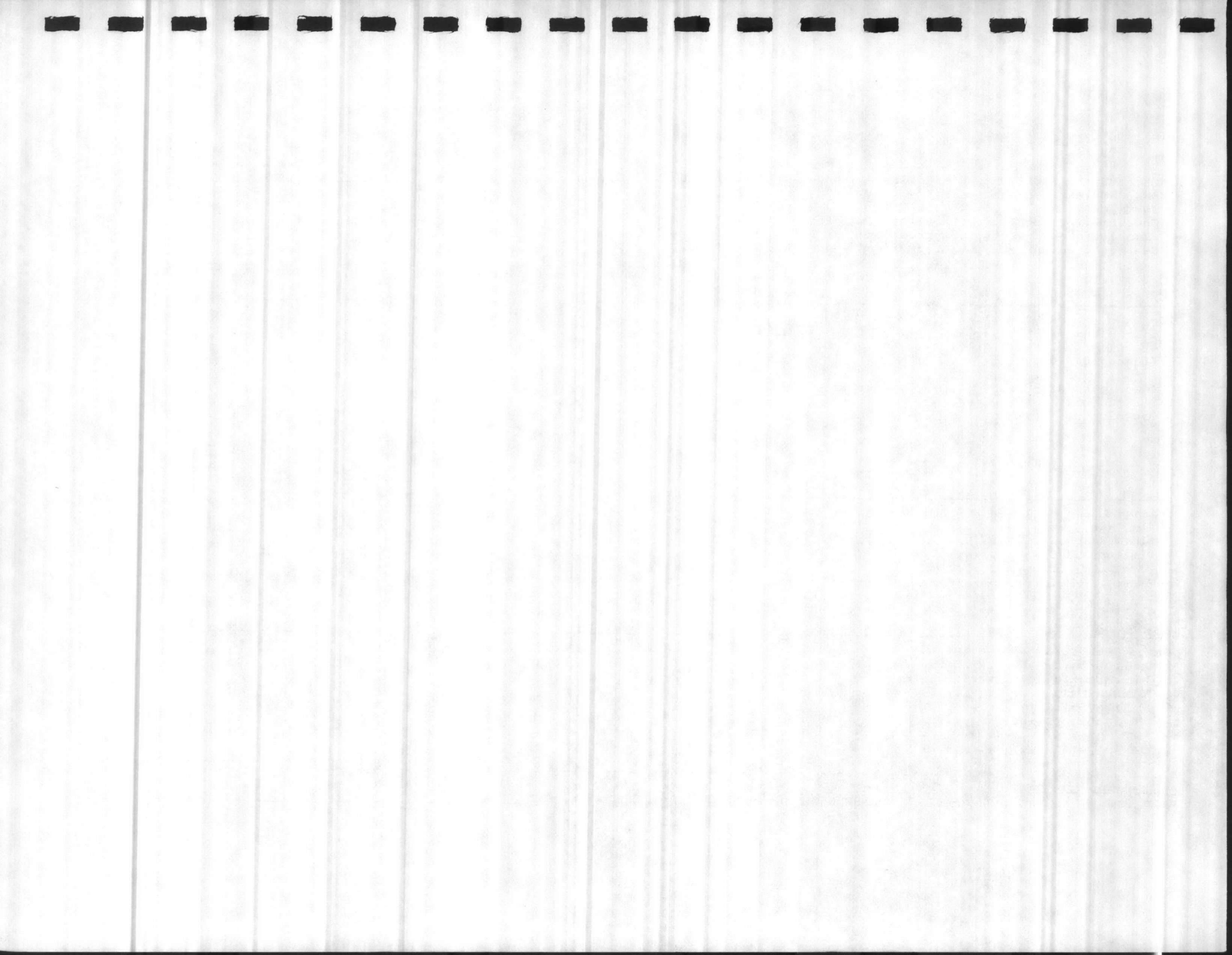
FILE NAME: LP010051

PAGE 1 OF 6

DATE: 03/05/87

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

LFRTS-P-0001

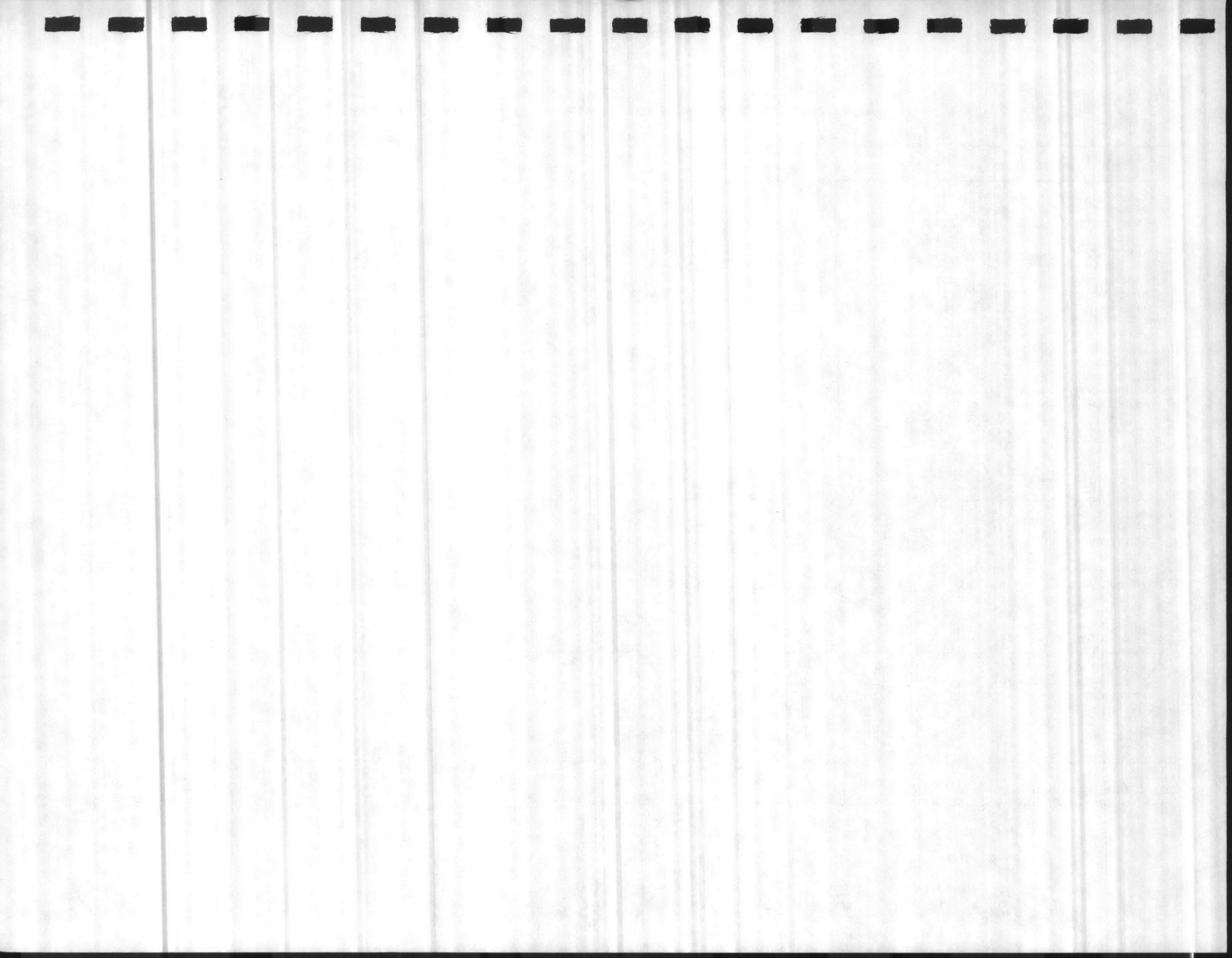




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

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..... X 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, 1/4-lb demolitions, 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

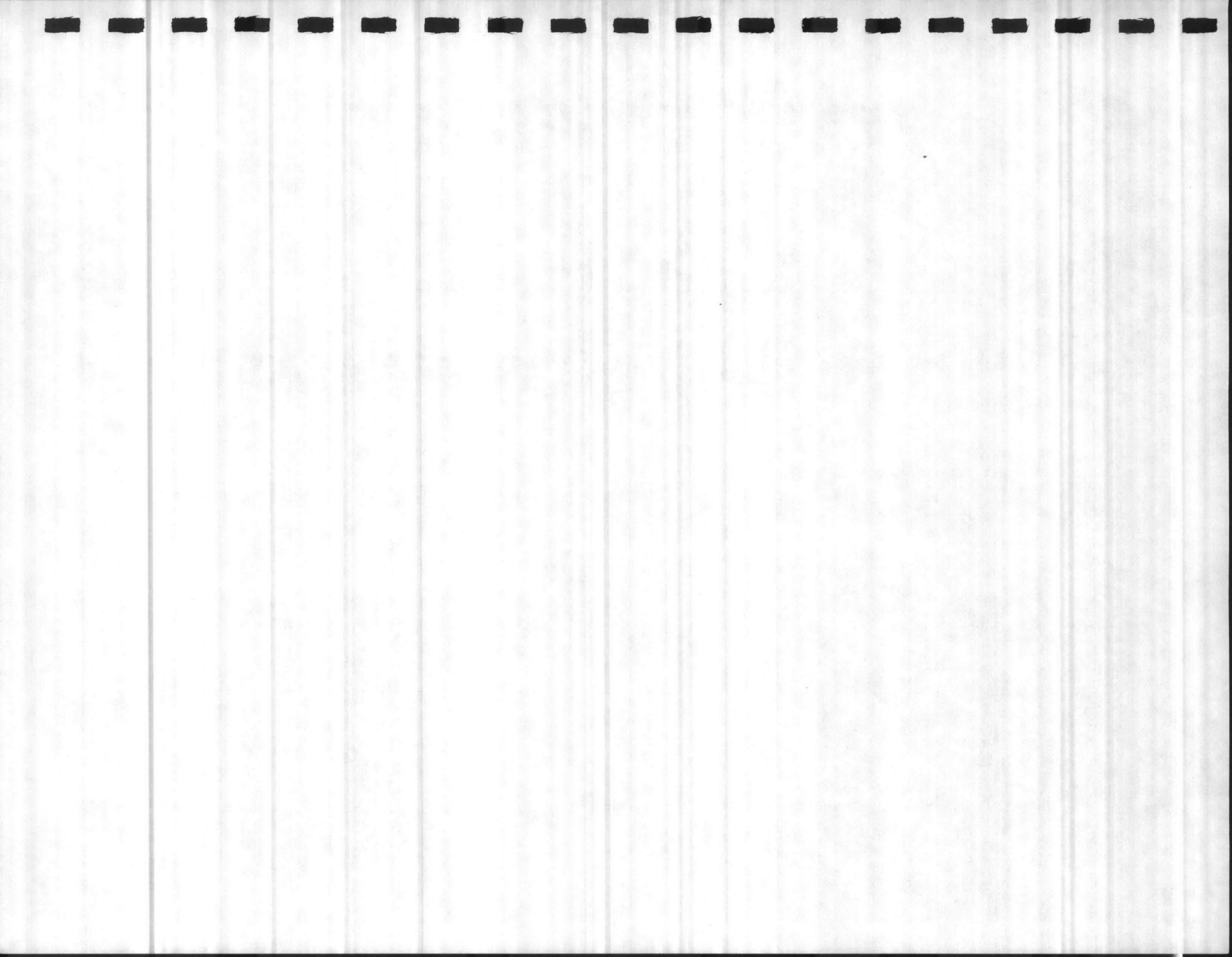
FILE NAME: LP010051

PAGE 3 OF 6

DATE: 03/05/87

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

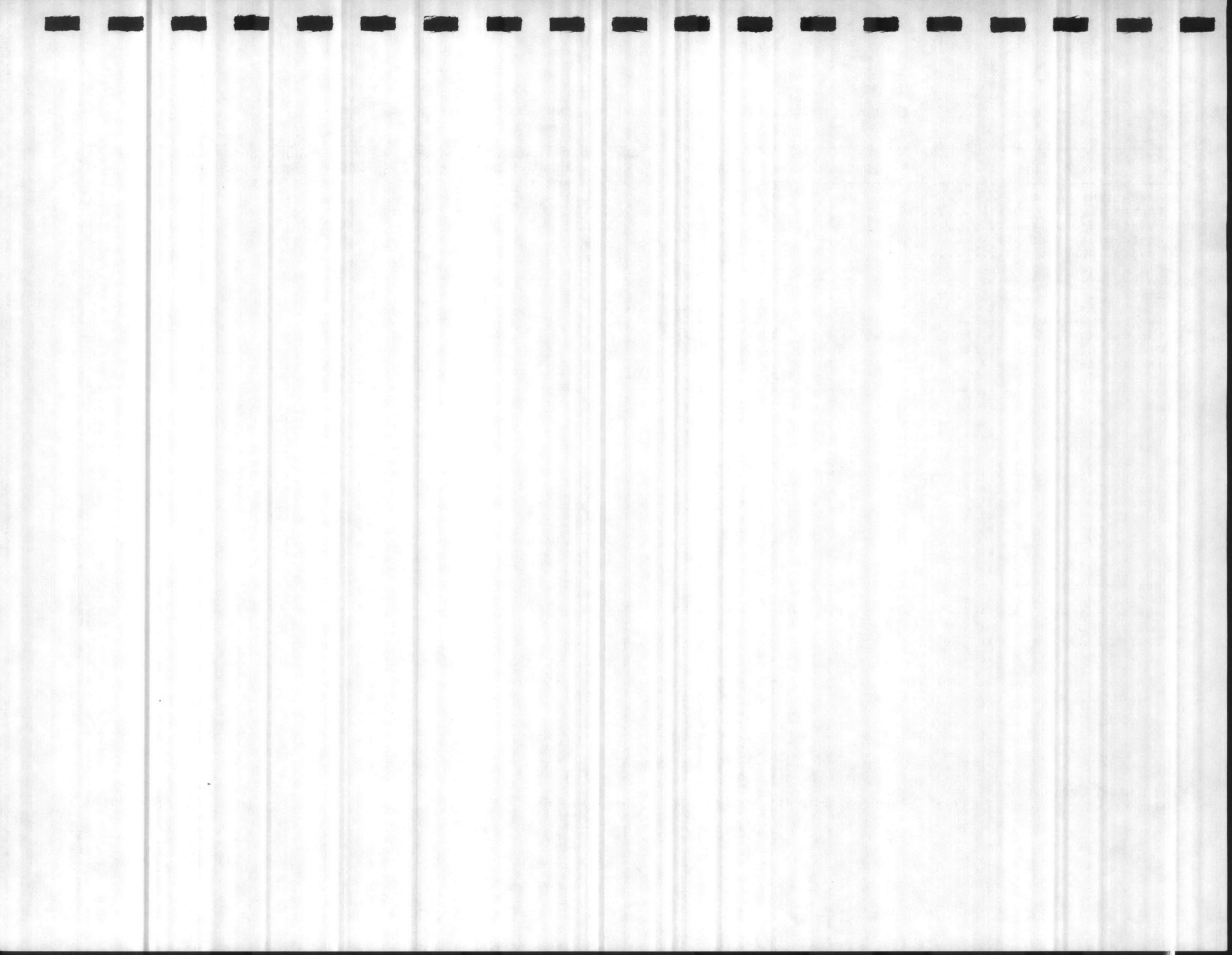
LFRTS-P-0001



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

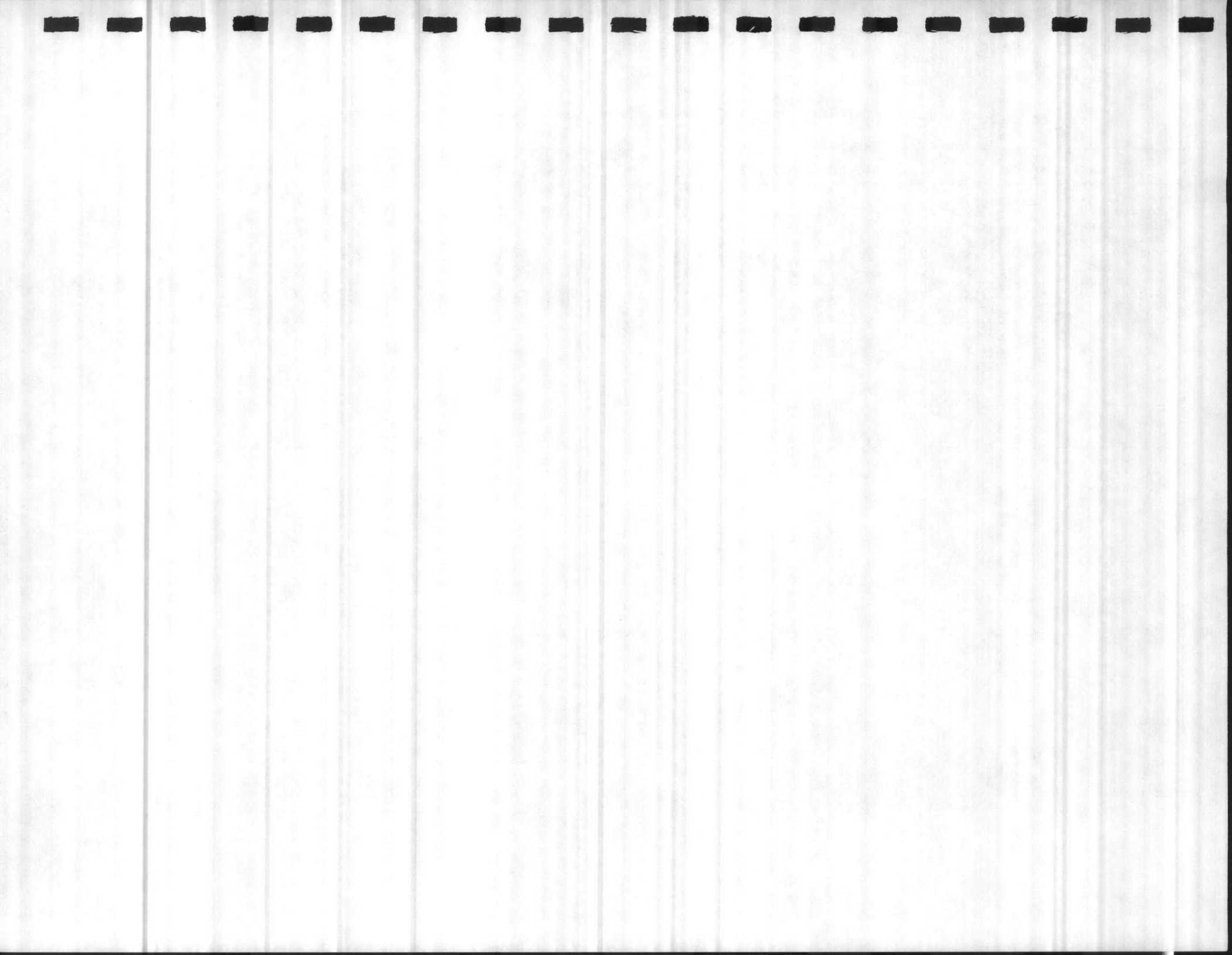
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	.....
Percentage Sparse.....	.....	.....	.....
Percentage Moderate.....	100 .....	.....	.....
Percentage Heavy.....	.....	.....	.....
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	340		
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..... 25 Maintenance..... 25 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0      
Other Ranges Which Must Be Closed When This Range is in Use	K-402A, K-407		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes No maneuver when K-407 is in use		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Limit of advance is 400 m		



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		

FILE NAME: LP010051

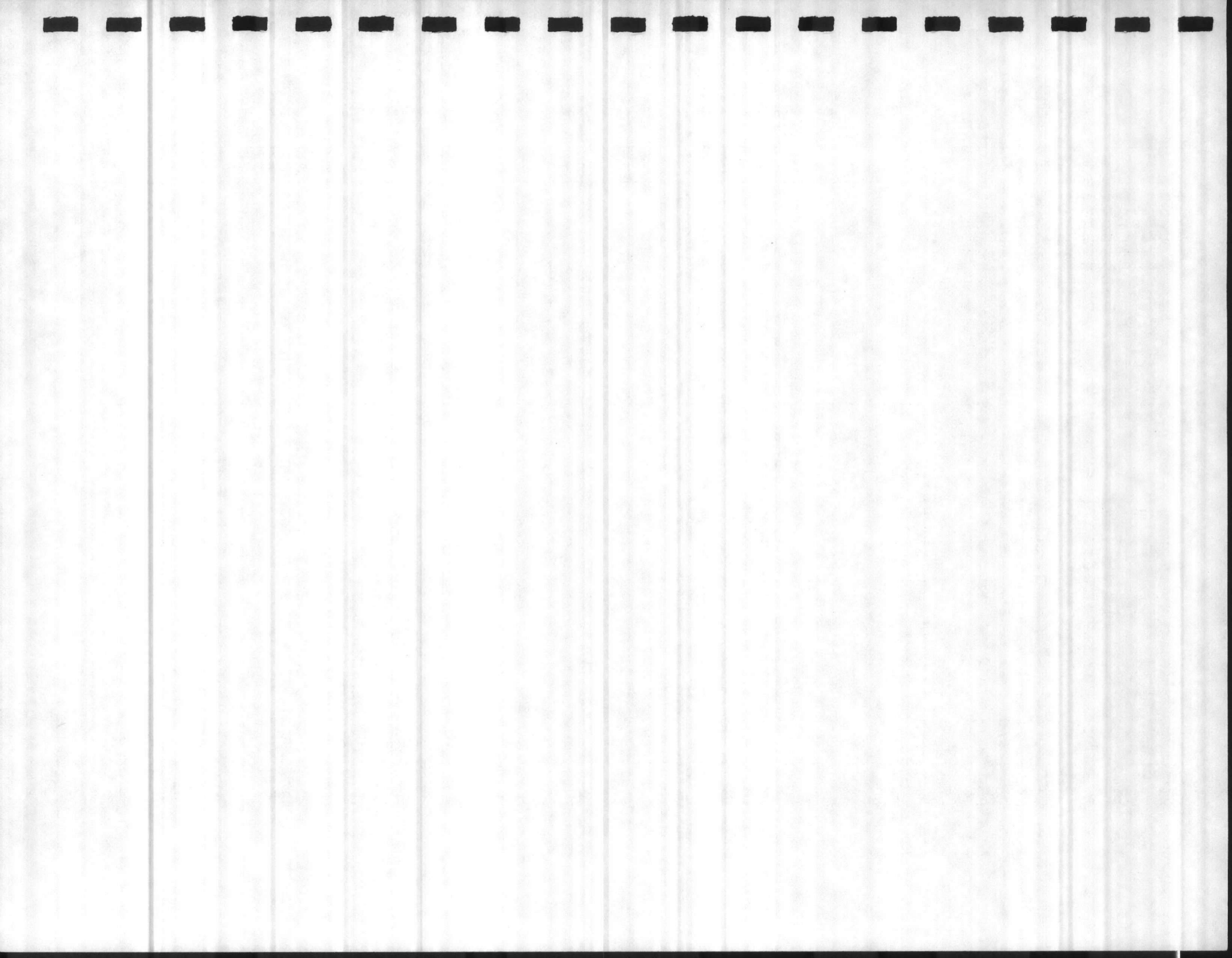
PAGE 6 OF 6

DATE: 03/05/87

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

LFRS-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-402A Search and Kill Range (Michelin City), MCB, Camp Lejeune, NC  
 Search and Kill Range

INSTRUCTIONS:

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

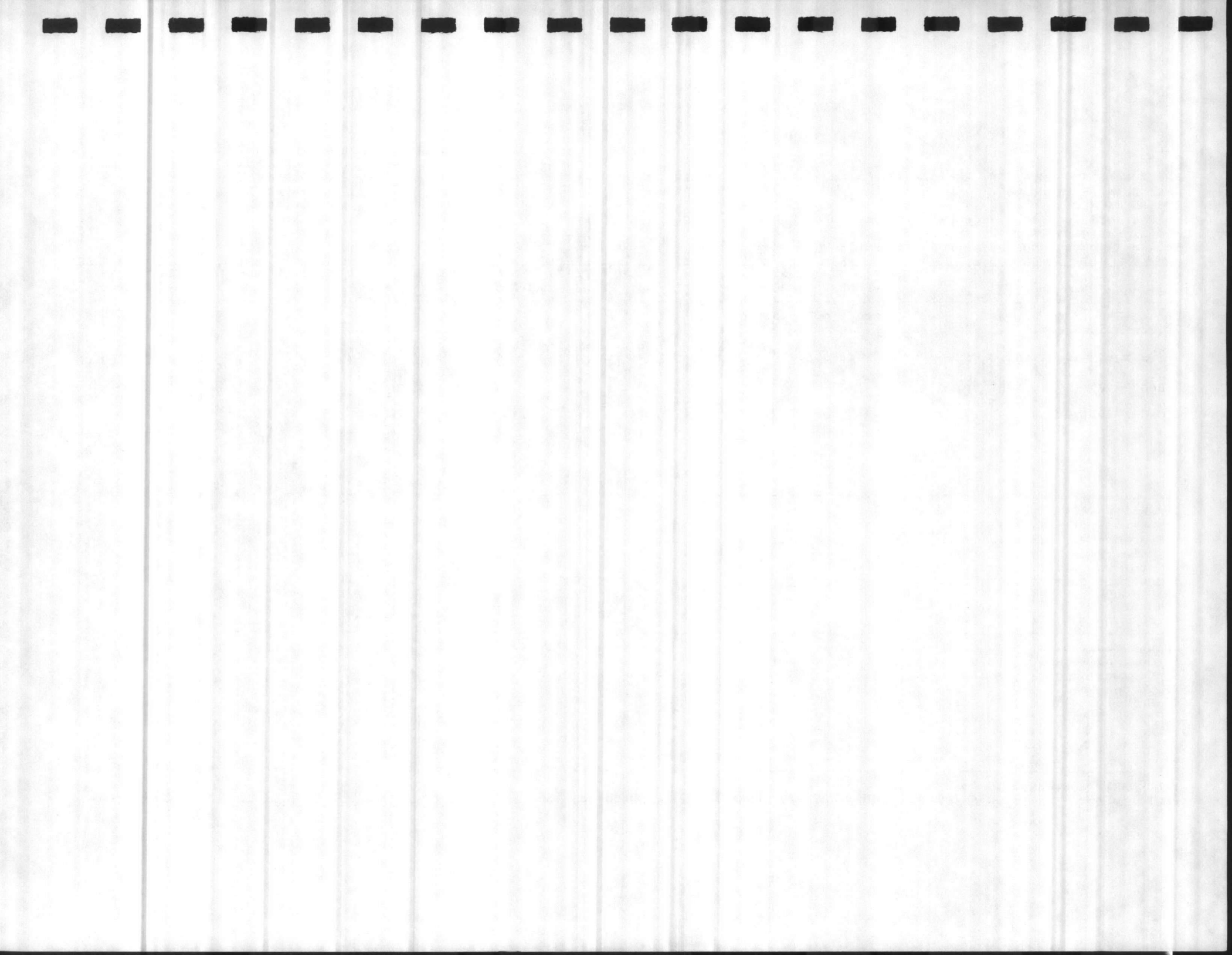
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Structure of tires and sand		
Primary Direction of Fire	Inside of structure		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP777349		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	2		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		

FILE NAME: LP010052

PAGE 1 OF 6 DATE: 03/05/87

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

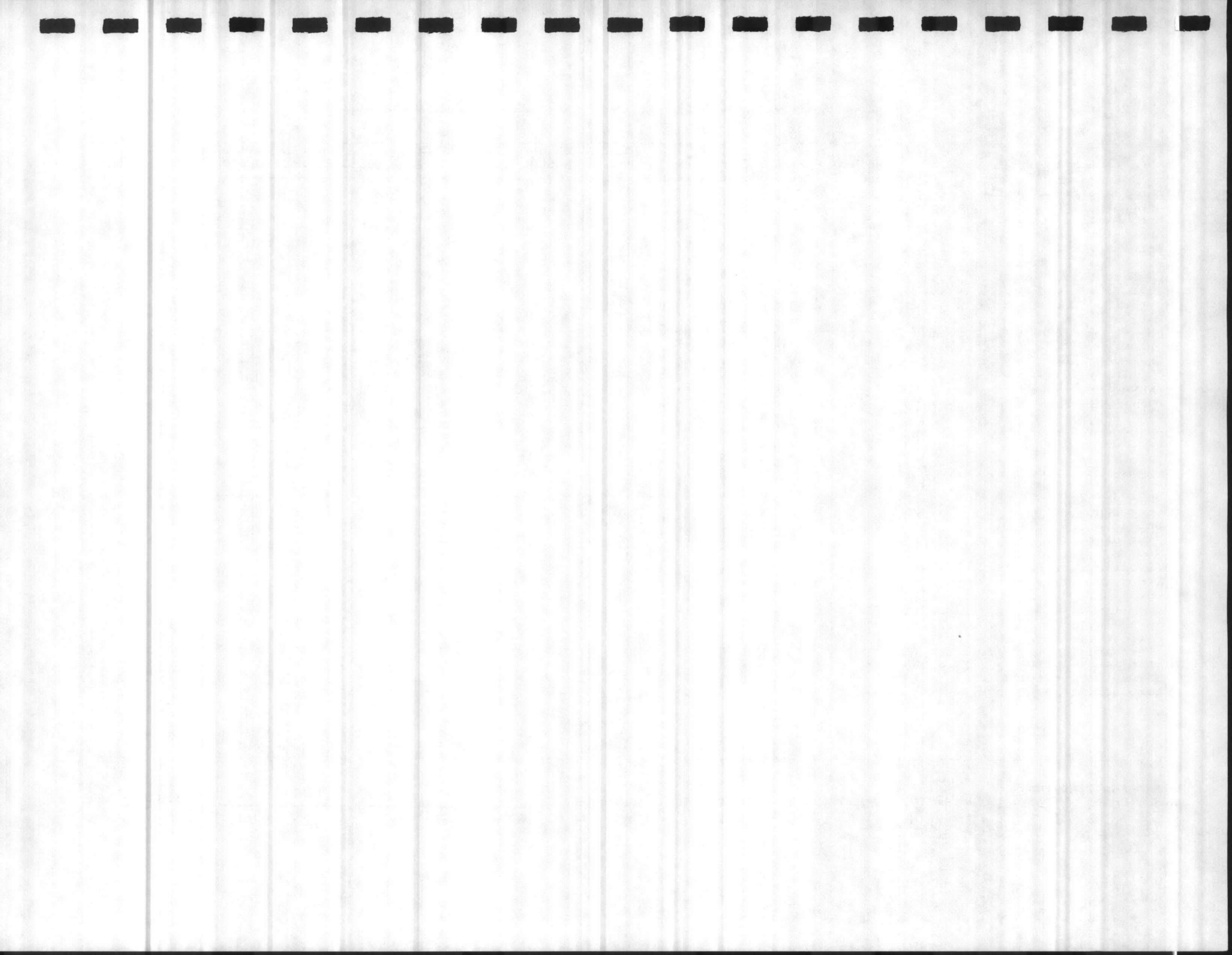
LFRTS-P-0001



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

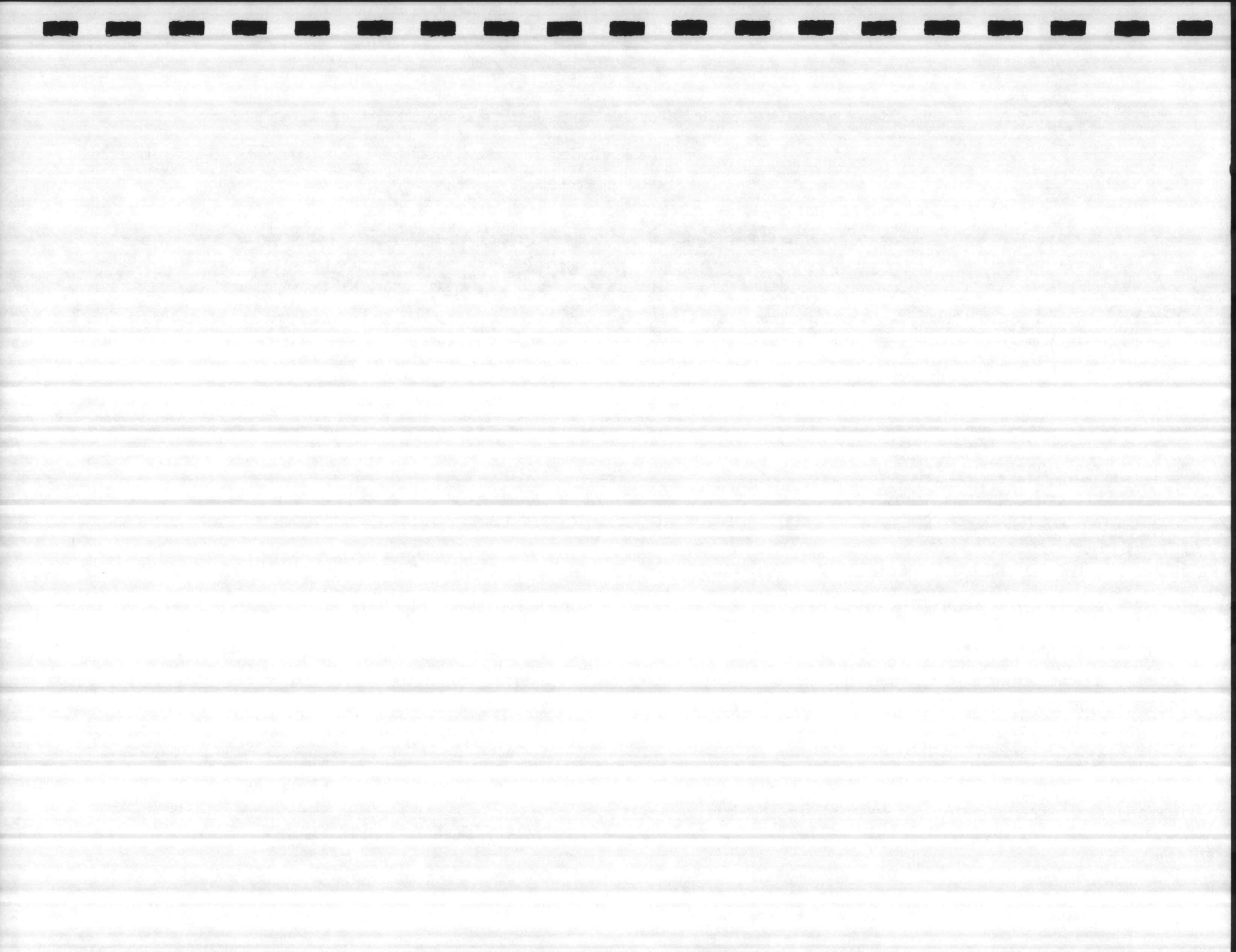
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

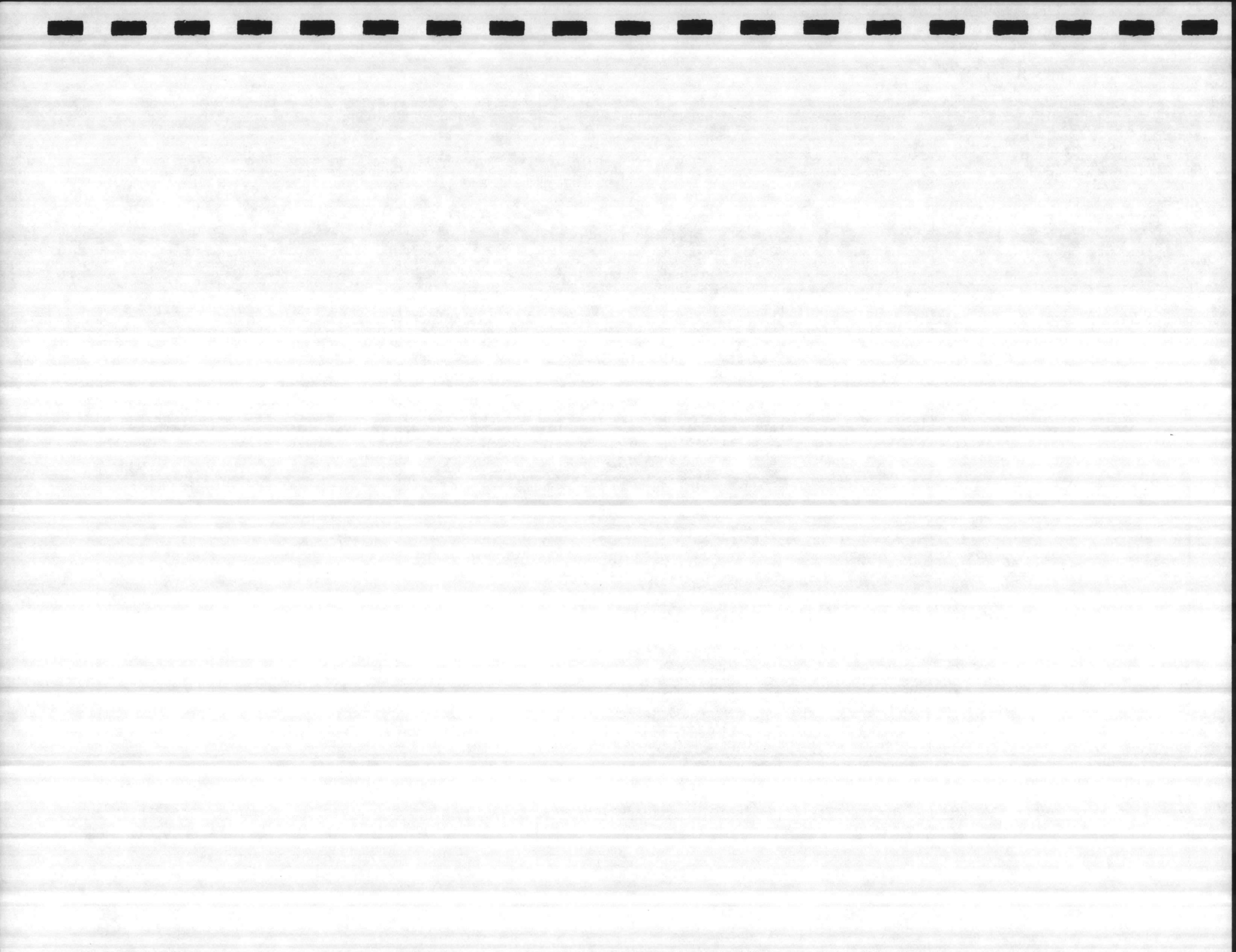
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	.38-cal, .45-cal, 9-mm, M60, M16 ball, M16 blanks, HE fragmentation grenades, practice hand grenades		
Climate Seasonal..... X Tropic..... 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)

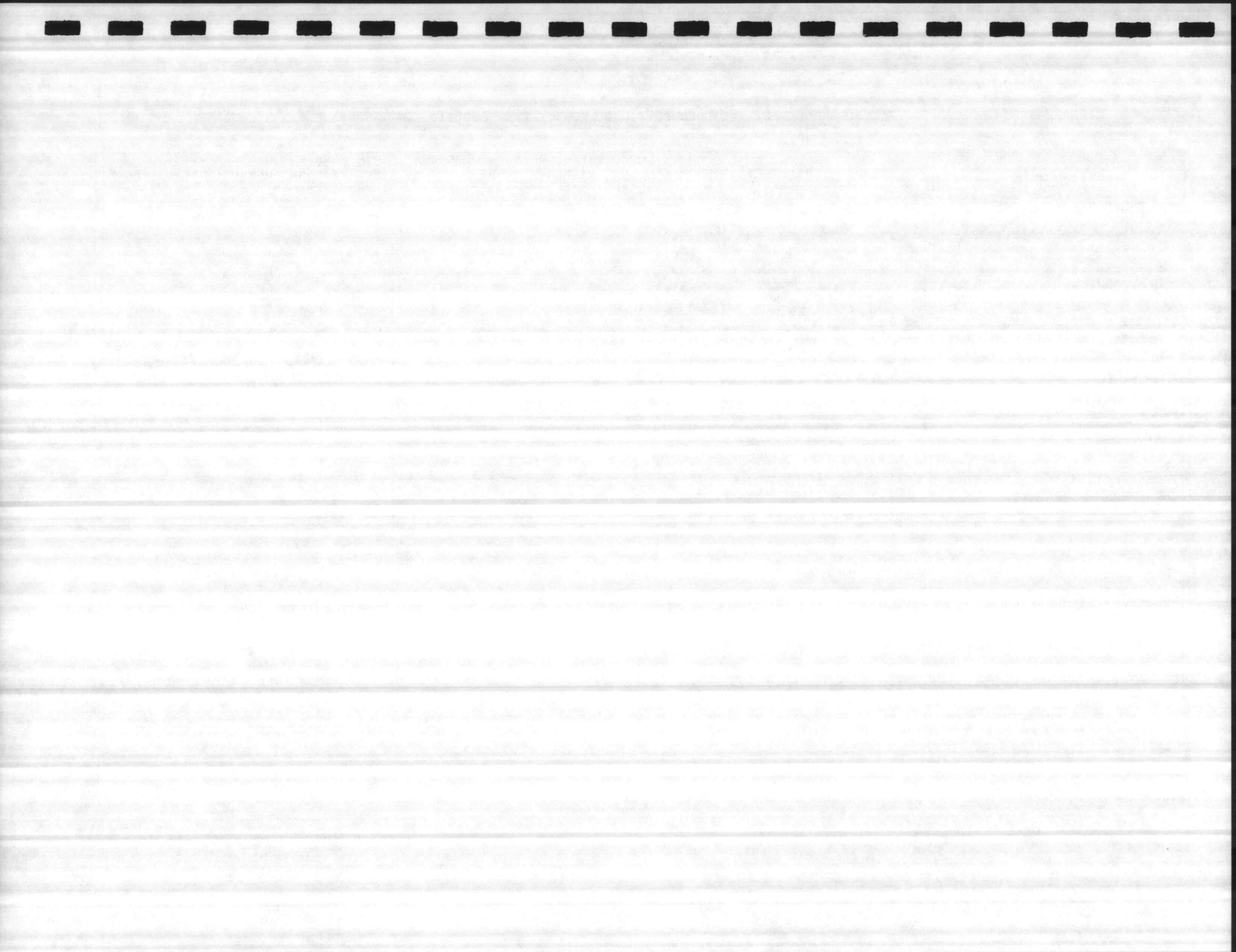
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water 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	150		
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)

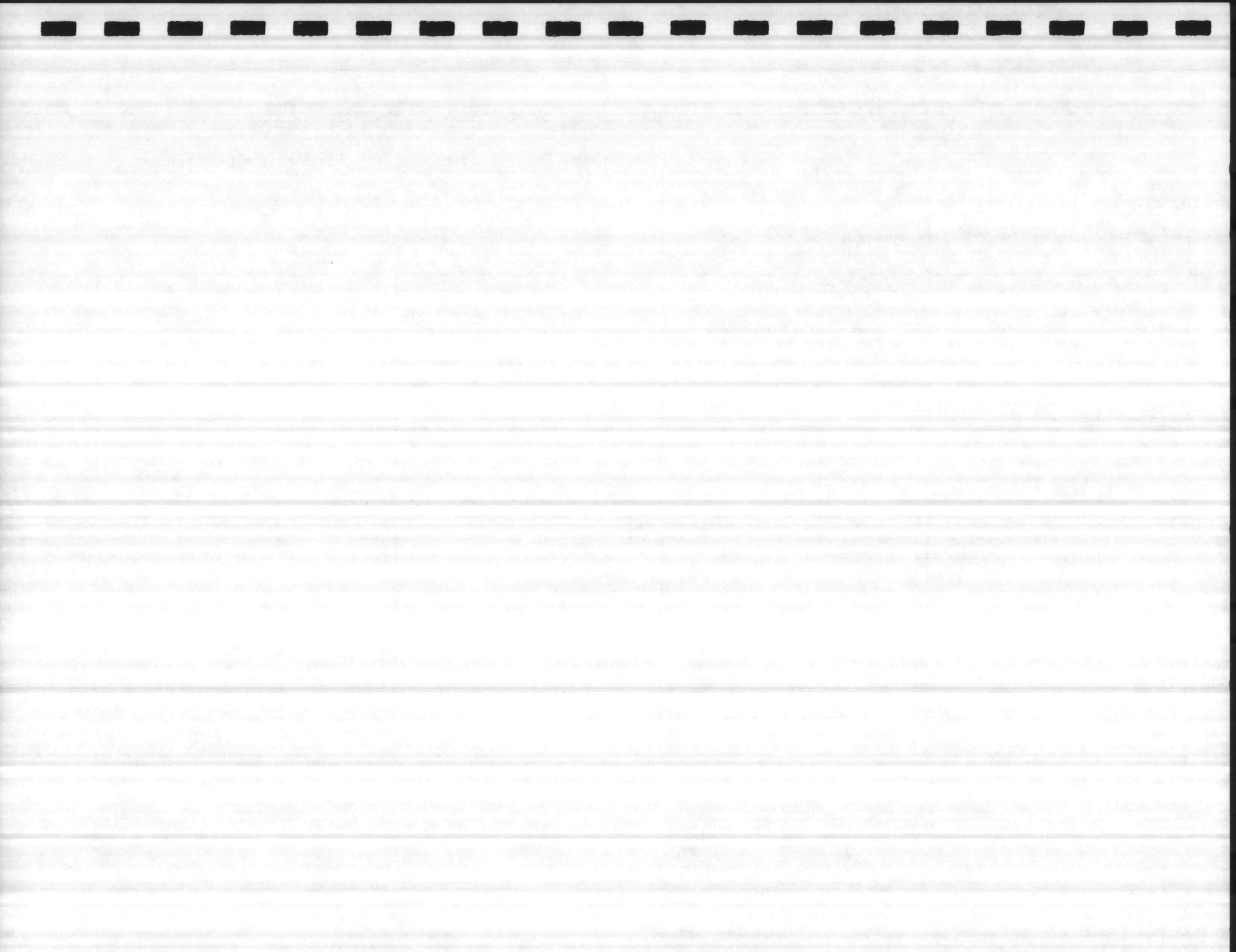
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 15 Maintenance..... 15 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-402		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Notify RCDO of duds and cease fire until EOD disposes of dud		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No grenades thrown 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

RANGE NAME AND LOCATION: K-405 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

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

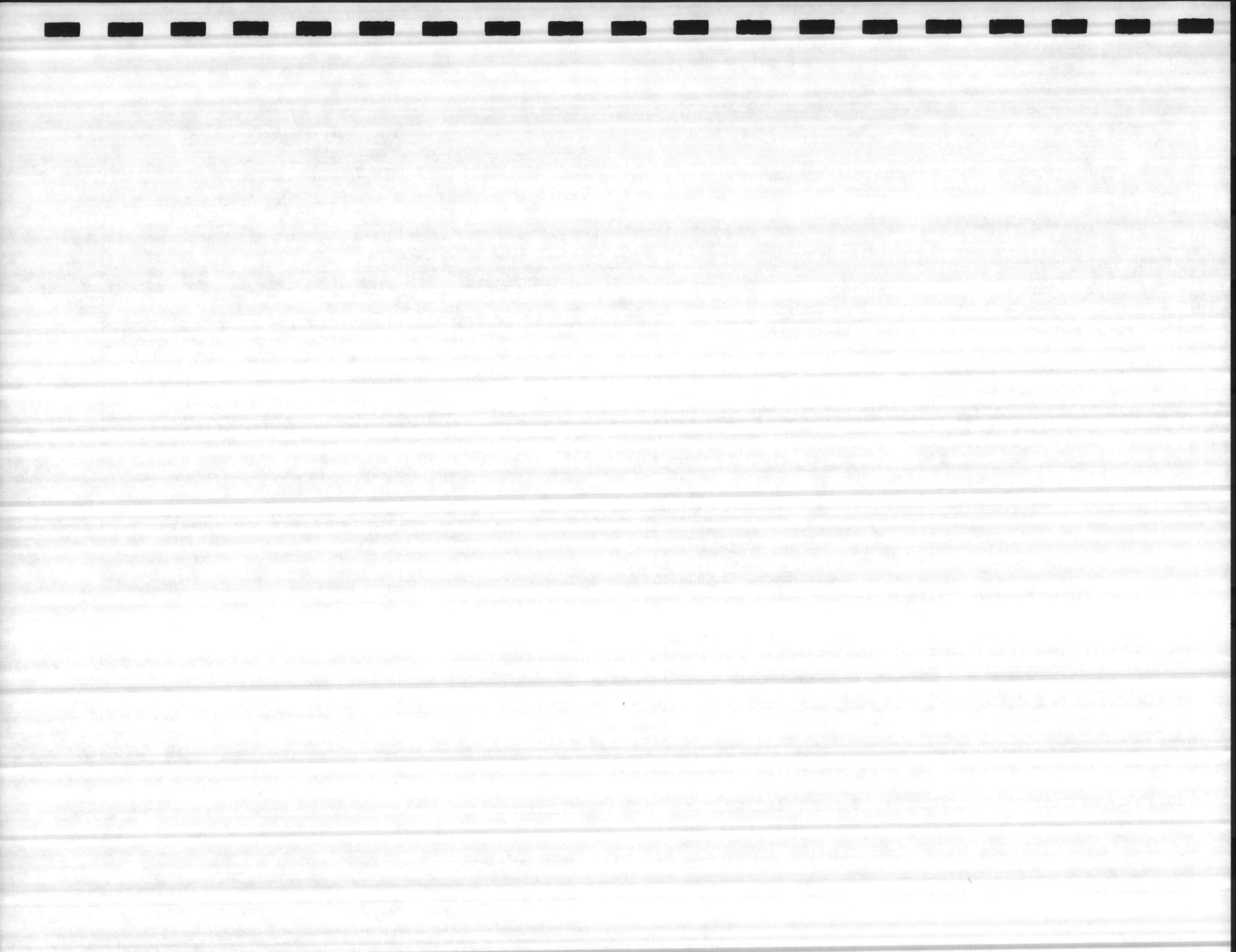
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	1.7 X 1.18		
Primary Direction of Fire	SW		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP775348		
Safety 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: LP010053

PAGE 1 OF 6 DATE: 03/05/87

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

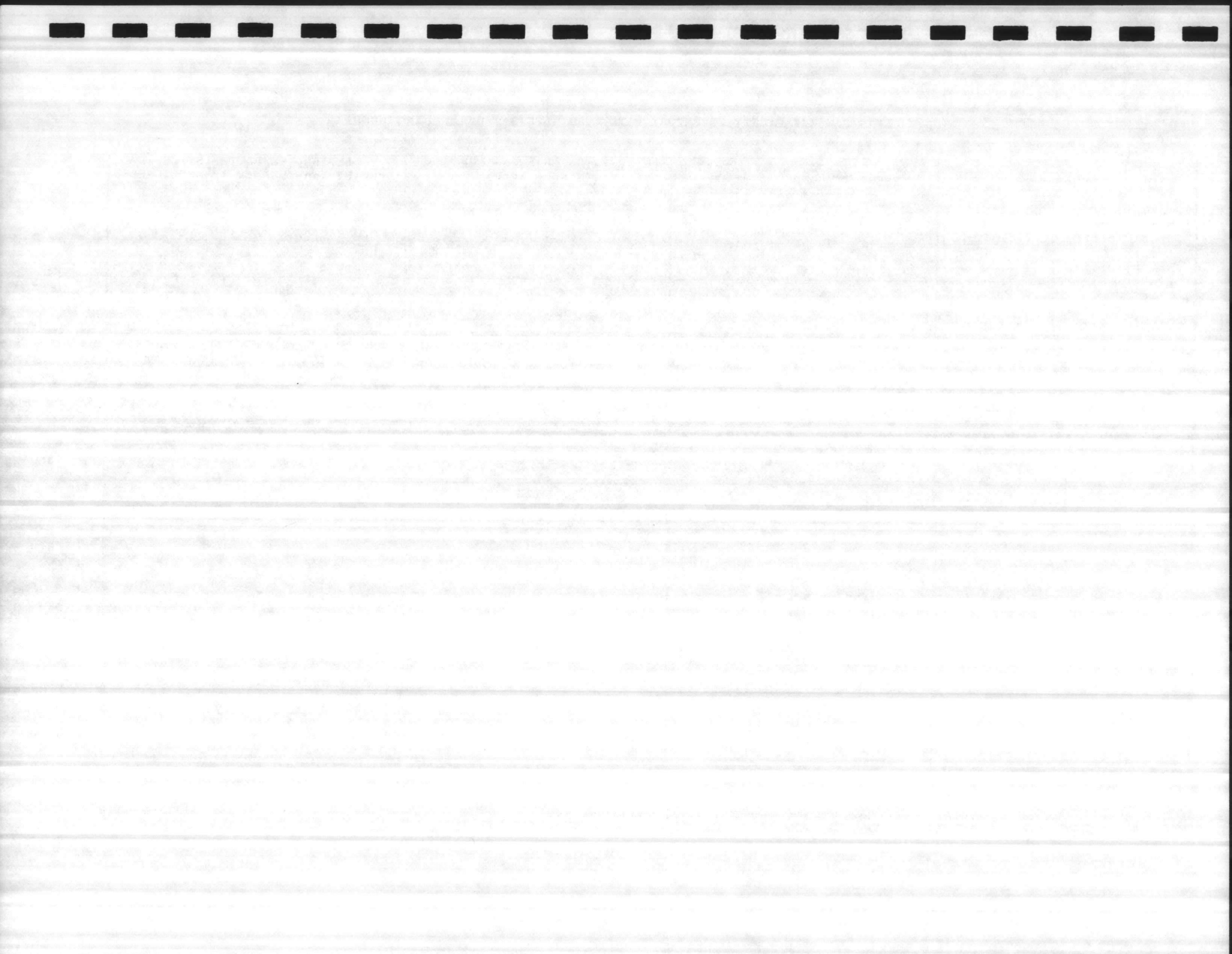
LFRTS-P-0001



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

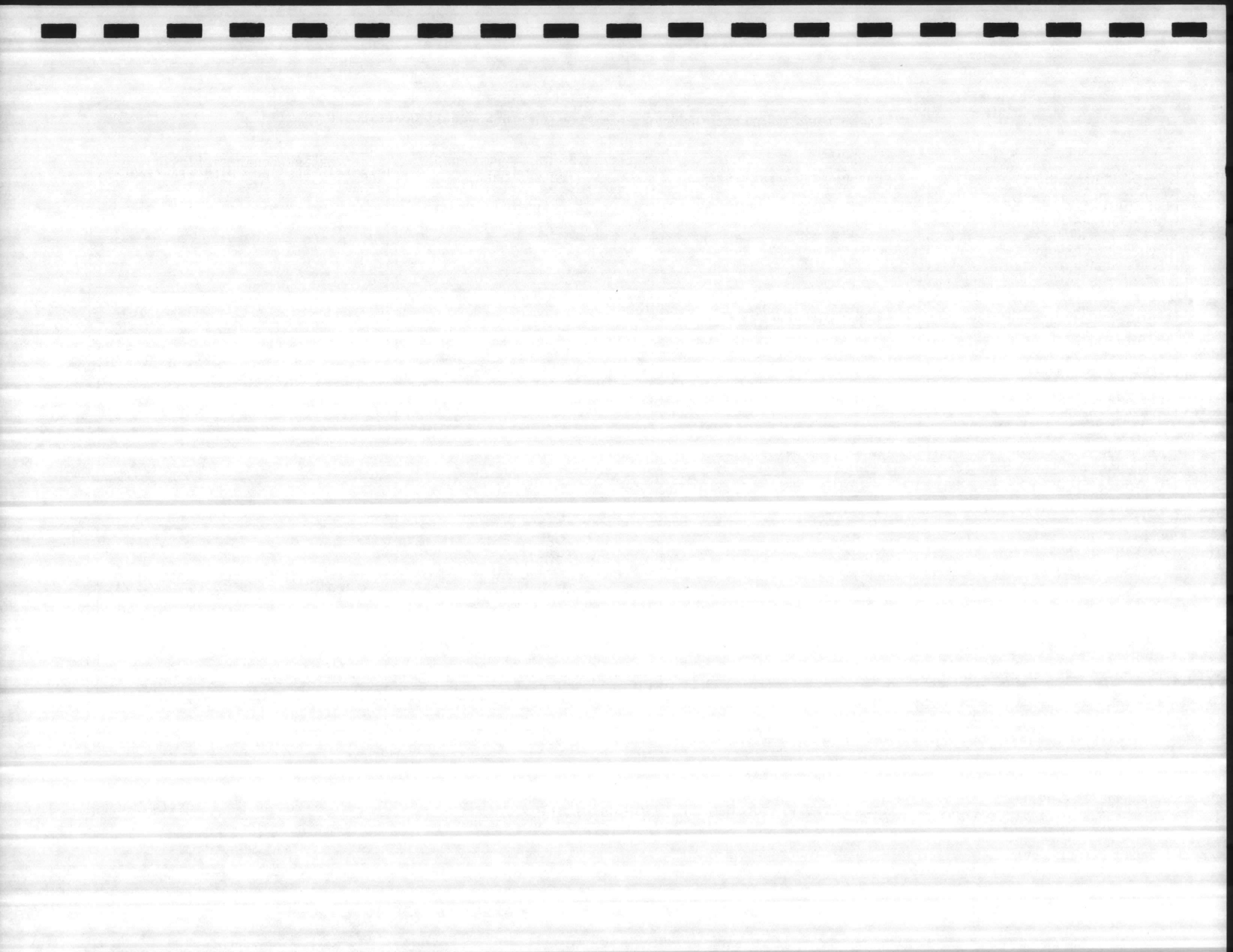
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site.....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





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

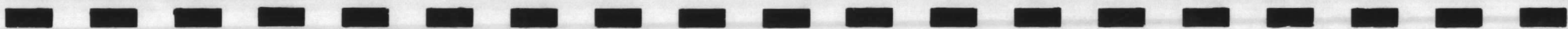
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	hand grenades		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		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)

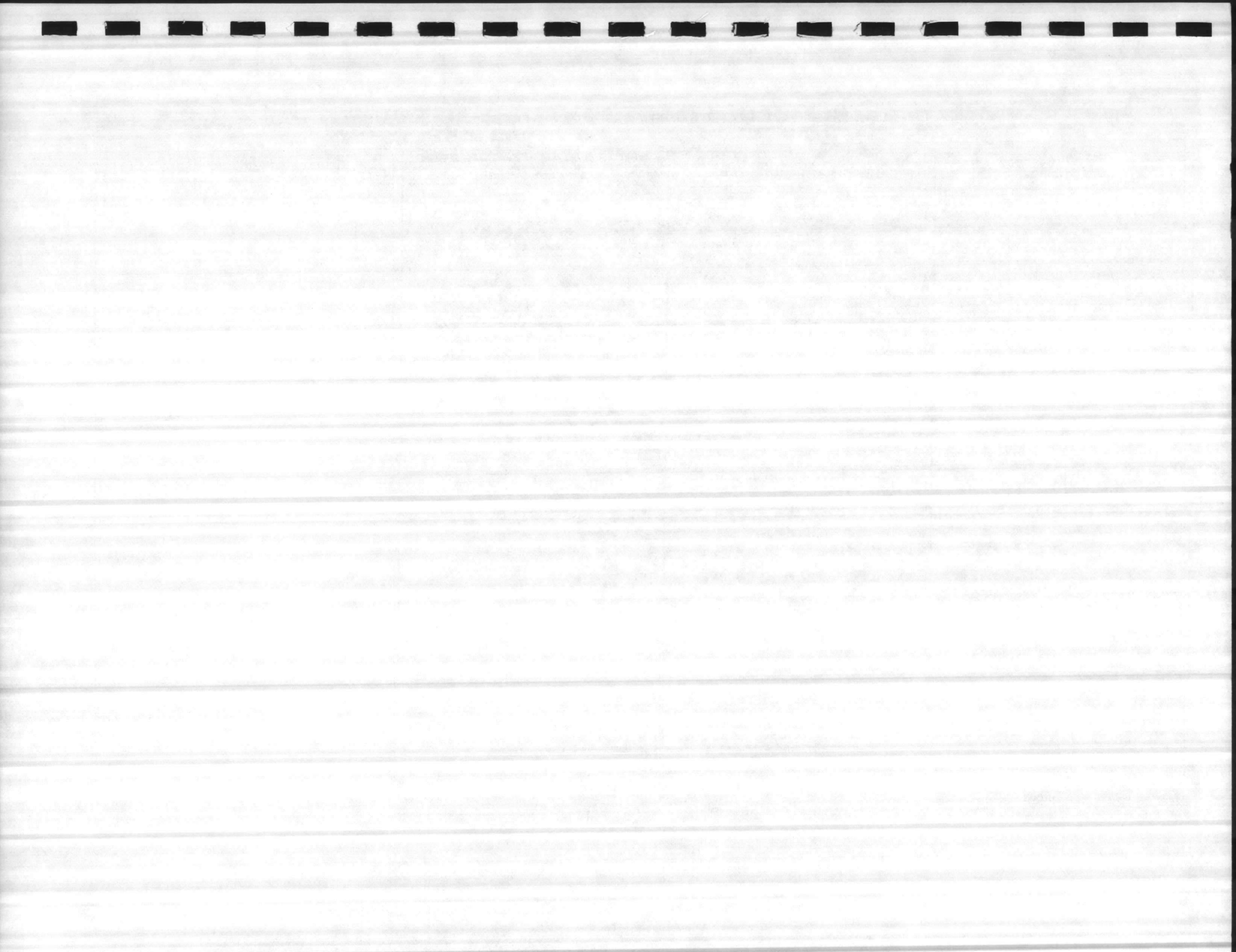
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
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.....	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	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 Not more than one grenade thrown at a time Use every other pit		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Hand grenades will not be thrown after 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		

FILE NAME: LP010053

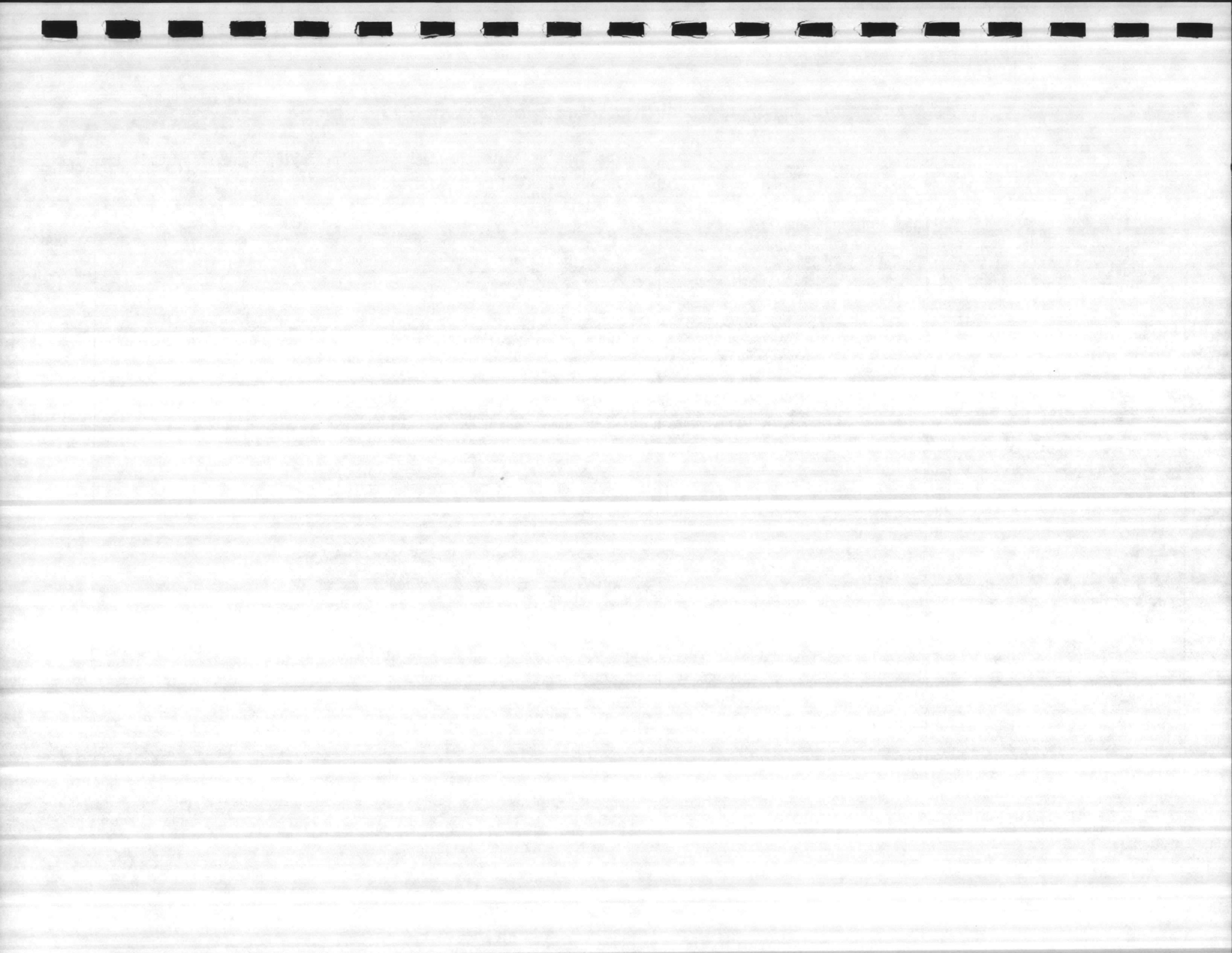
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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-406A Cover and Clear Range, MCB, Camp Lejeune, NC  
 Cover and Clear 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 1.2		
Primary Direction of Fire	E		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP773445		
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		

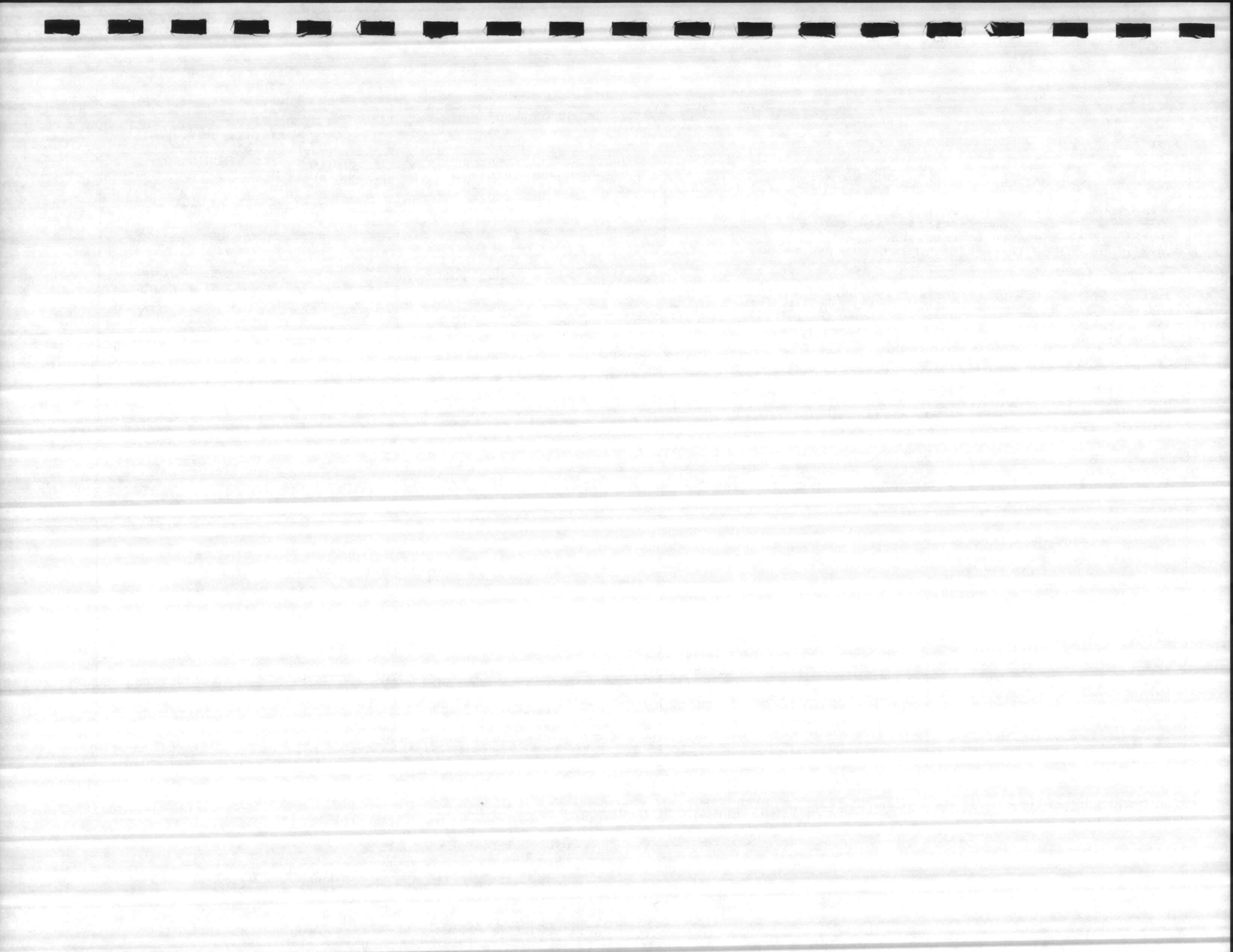
FILE NAME: LP010054

PAGE 1 OF 6

DATE: 03/05/87

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

LFRTS-P-0001

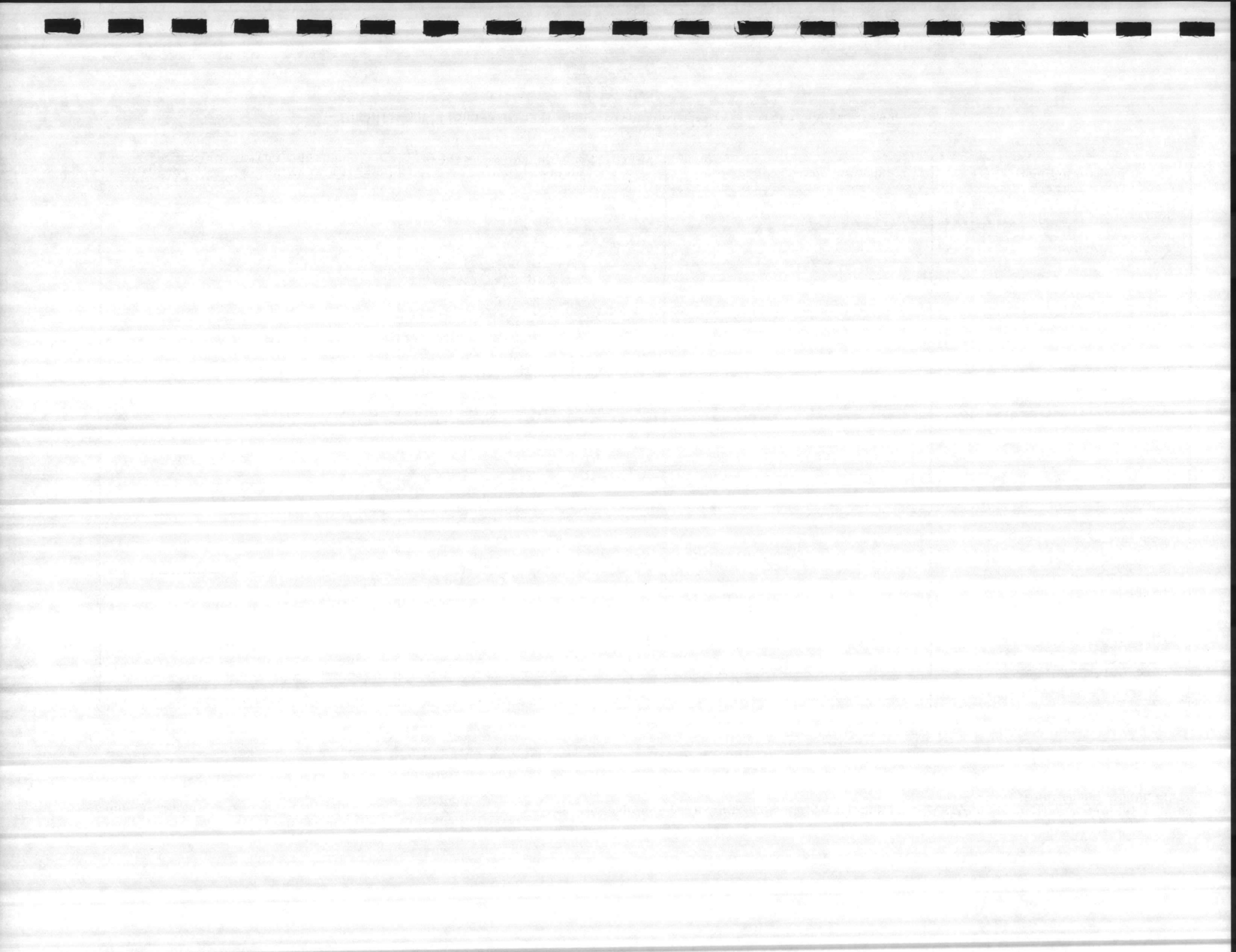




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

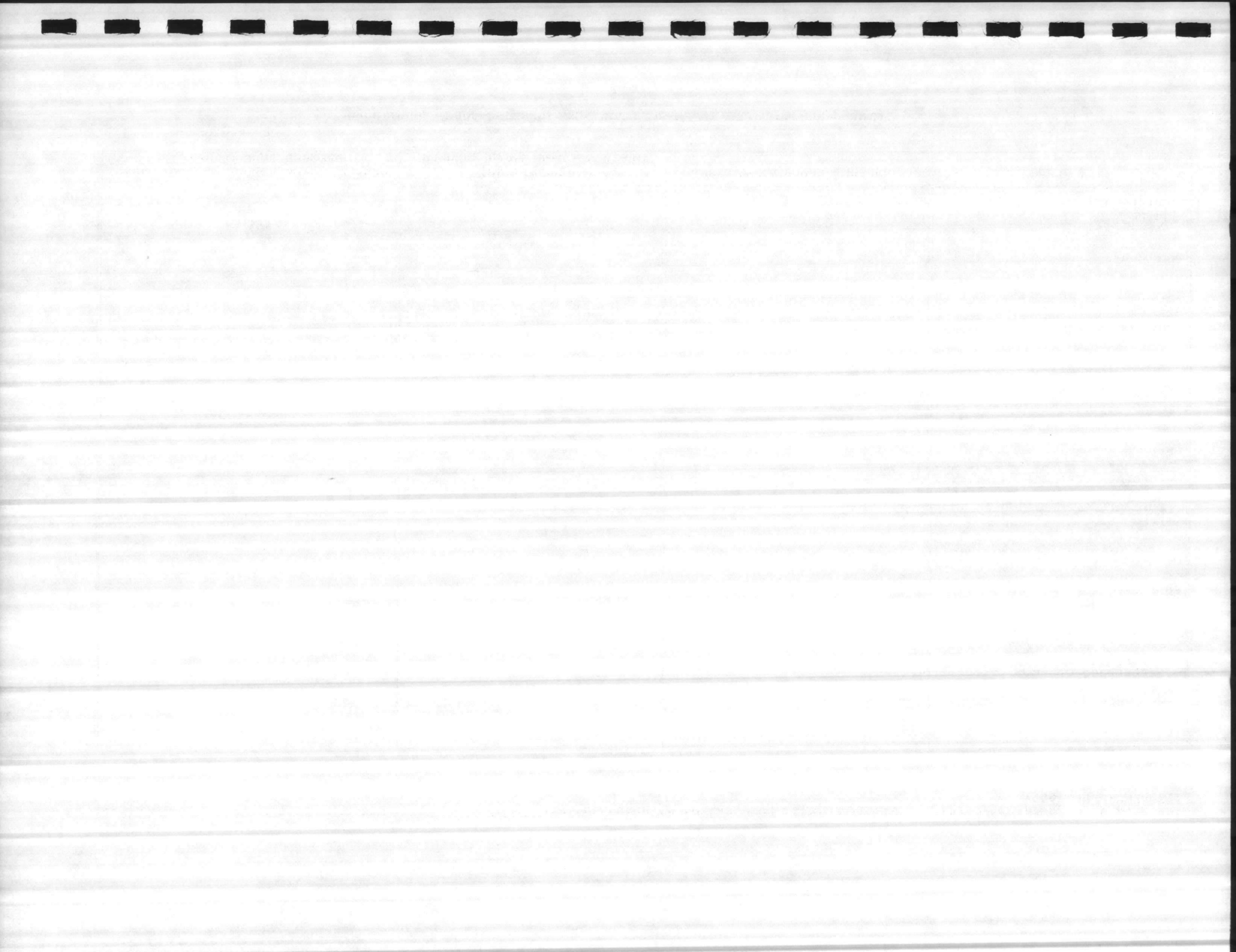
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac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





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

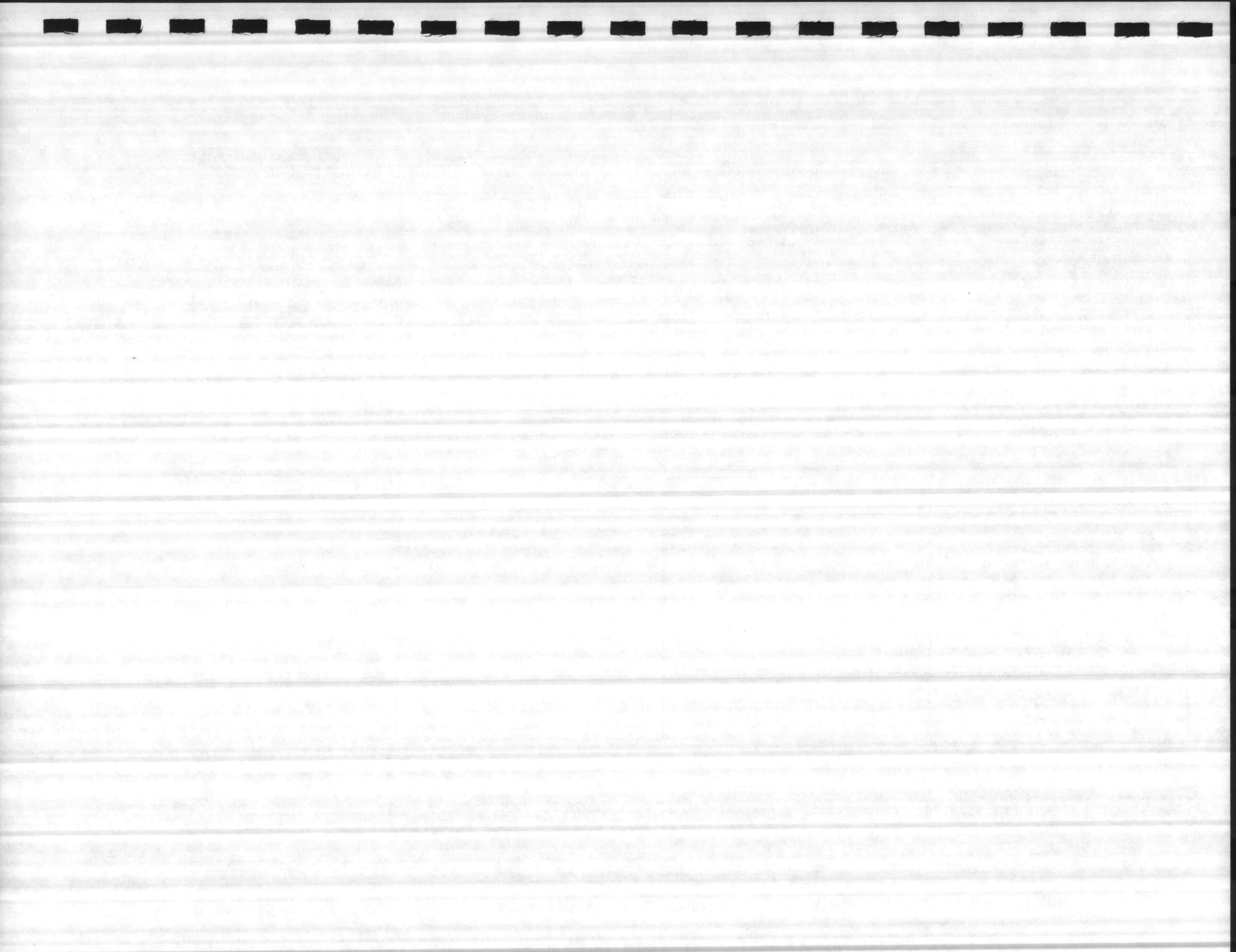
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	9-mm, .38-cal, .45-cal, M16, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... 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)

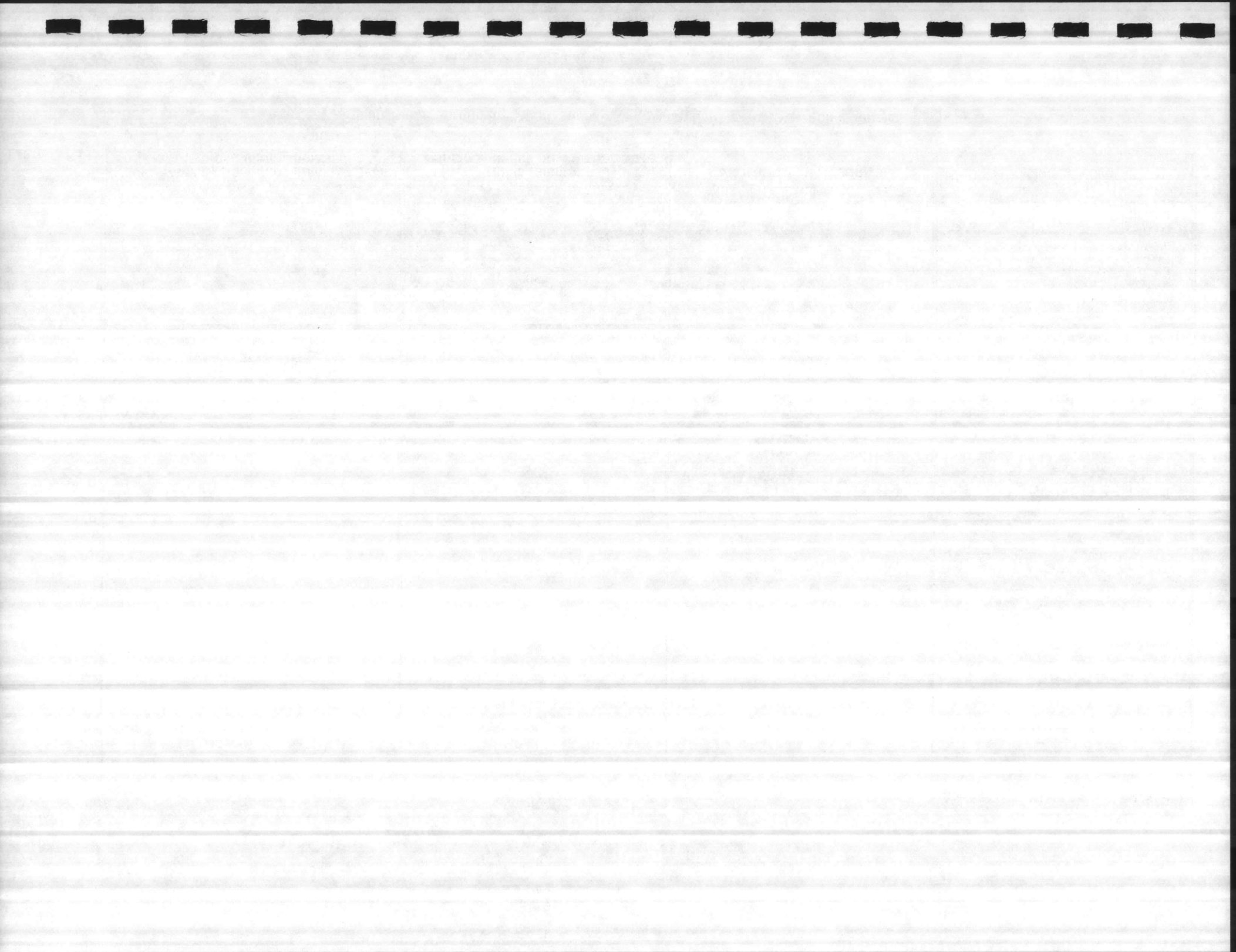
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
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).....	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	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..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... 0 ..... 0 ..... ..... ..... .....	..... 0 ..... ..... ..... ..... .....	..... 0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-407		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes All teams receive a walk- through		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes No mixture of ammunition 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: LP010054

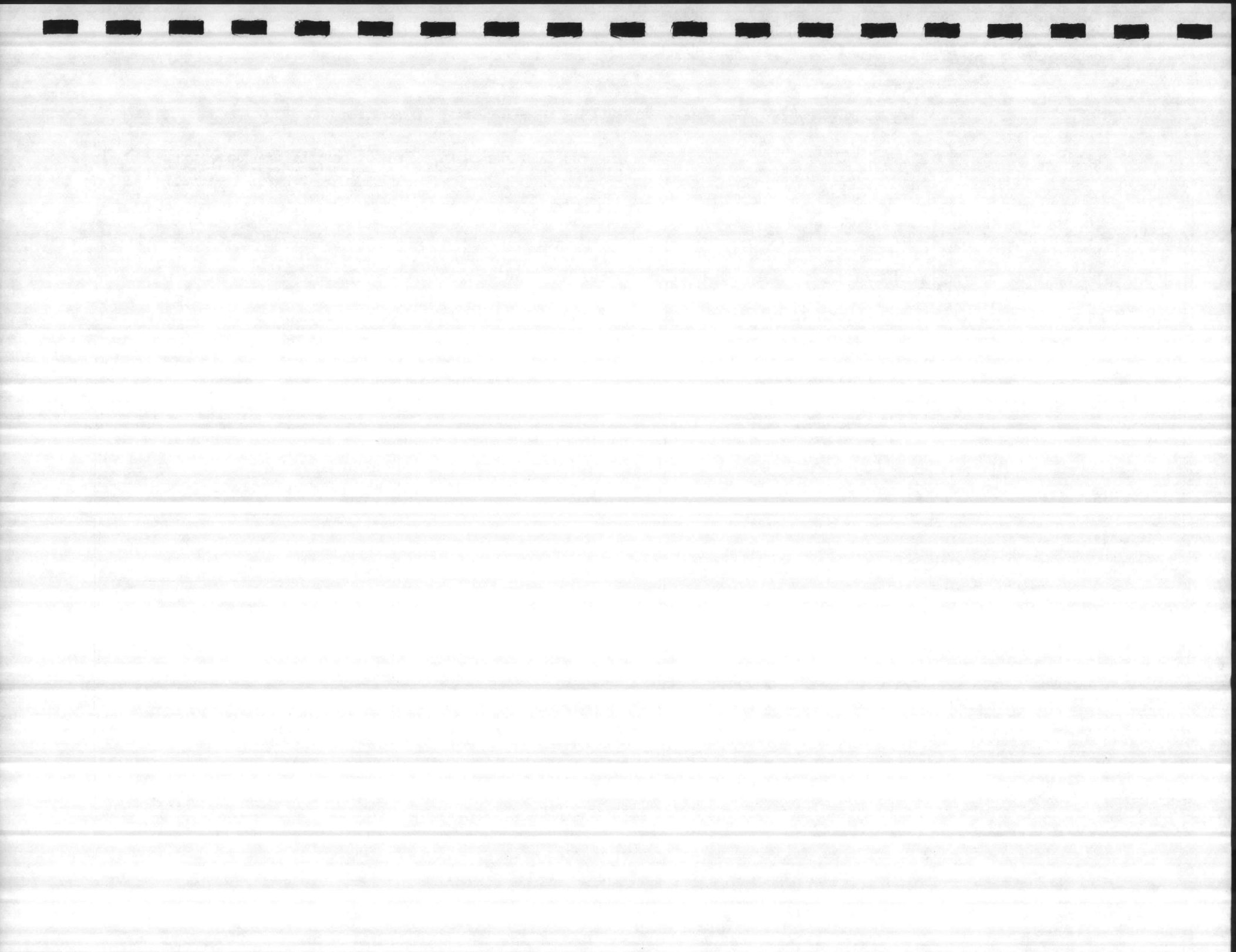
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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-406B Friend/Foe Reaction Range, MCB, Camp Lejeune, NC  
 Friend/Foe Reaction 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 1.2		
Primary Direction of Fire	E		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP773445		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	14		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

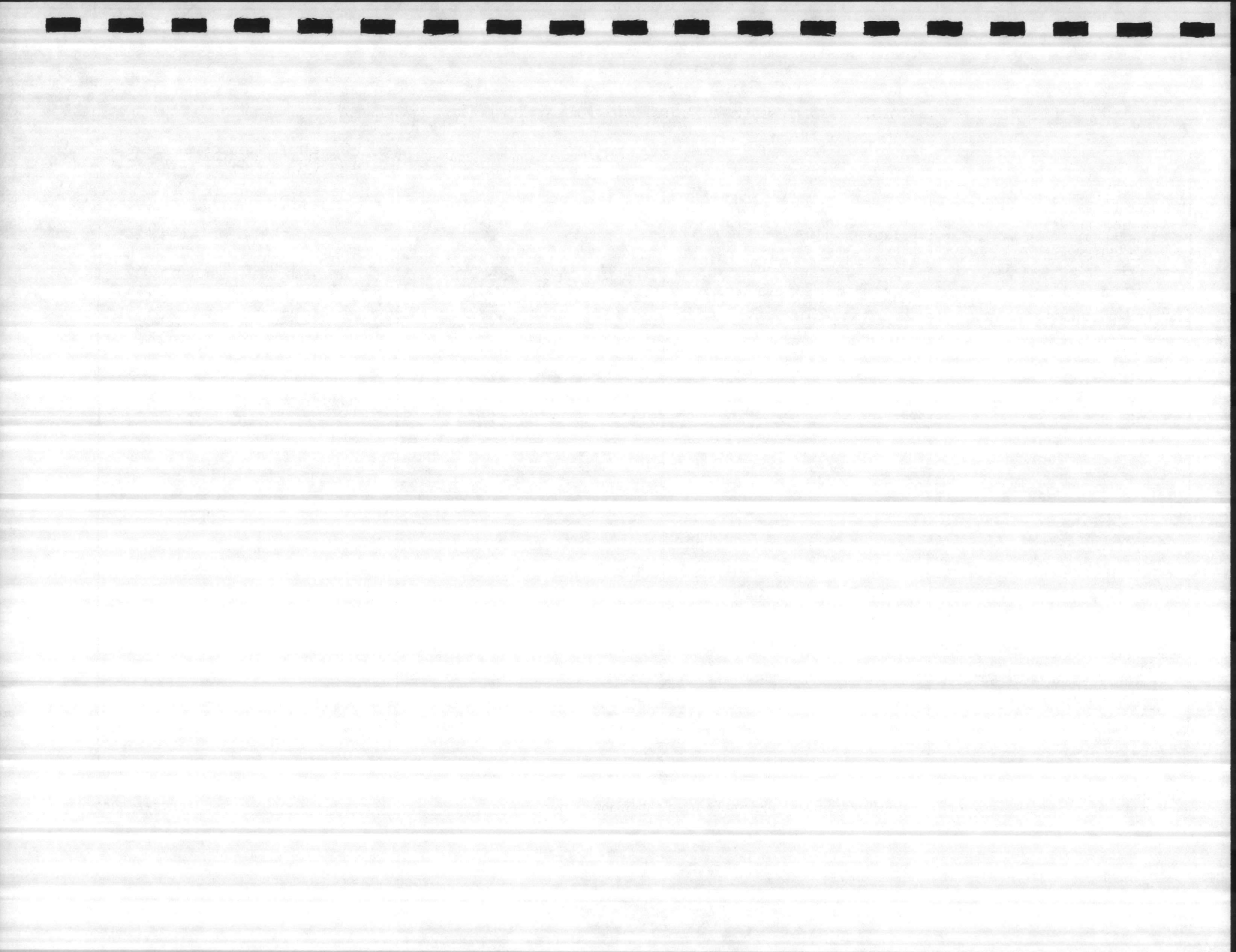
FILE NAME: LP010055

PAGE 1 OF 6

DATE: 03/05/87

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

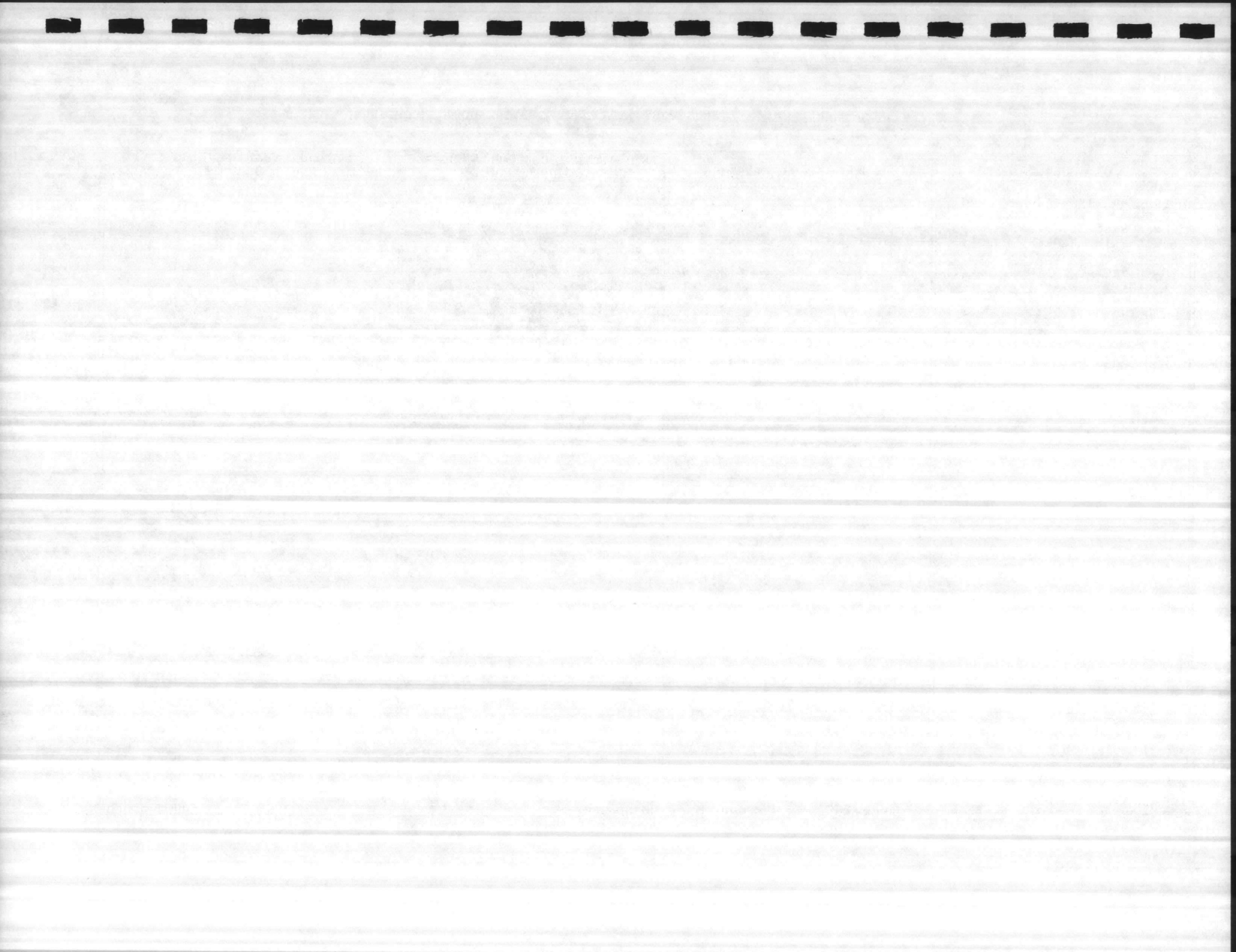
LFRTS-P-0001



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

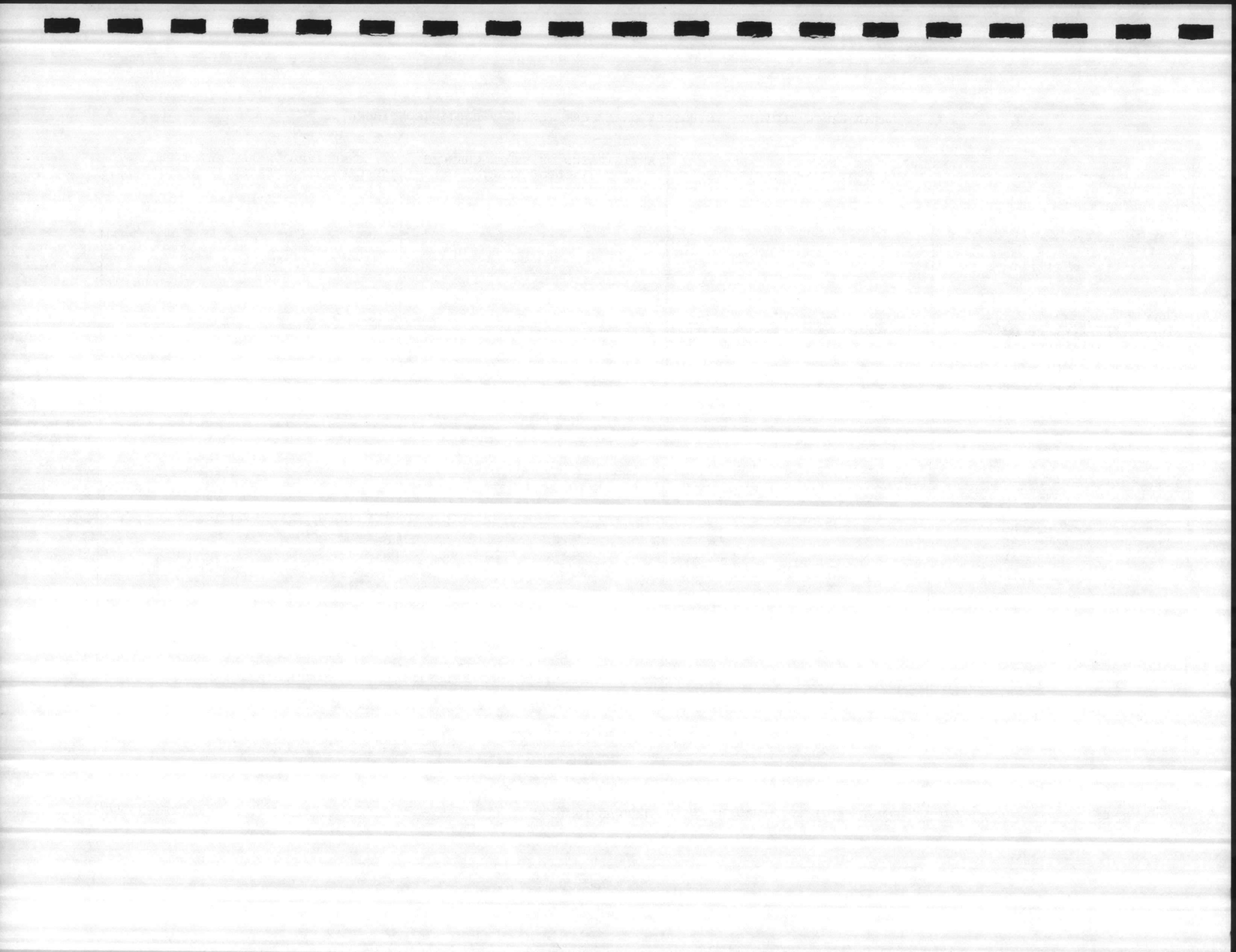
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... X Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... Reconstruction..... Air Launch Parameters..... Other.....	14 targets		
Target Types Pop-up..... X 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, SAW, pistol, revolver		
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

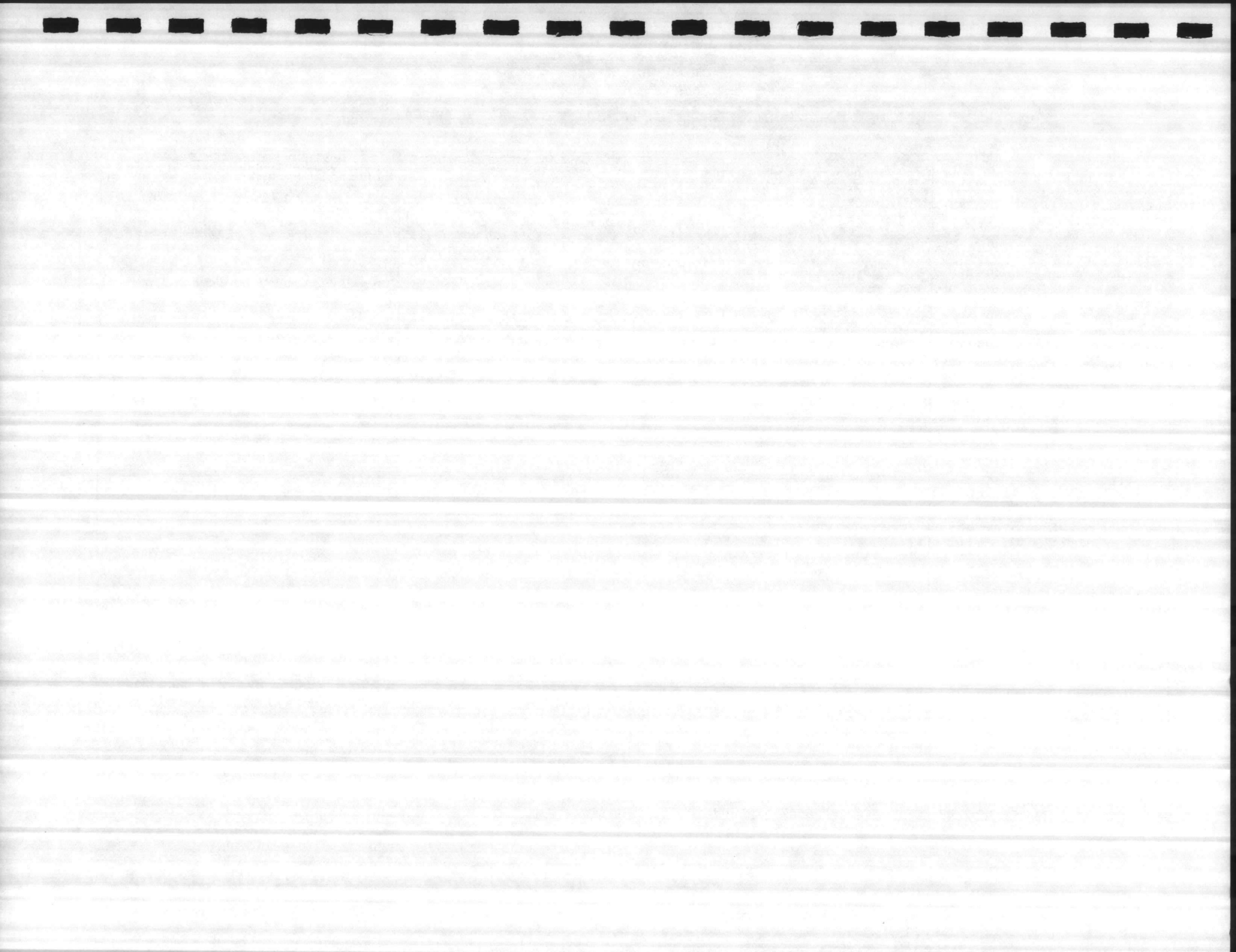




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

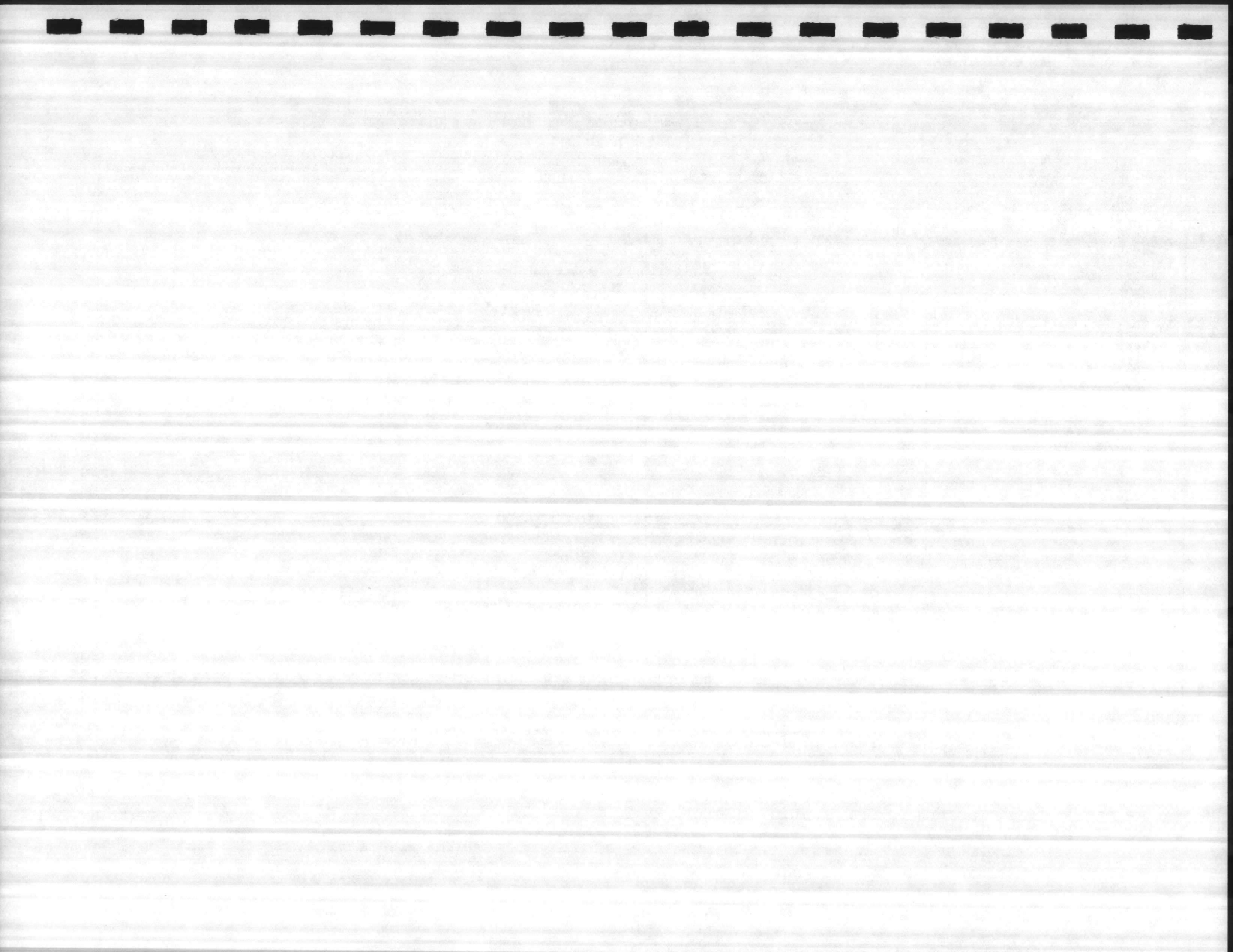
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water 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).....	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	200		
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)

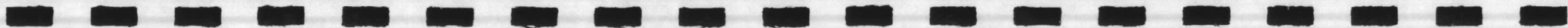
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	15 ..... 15 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-407		
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 .

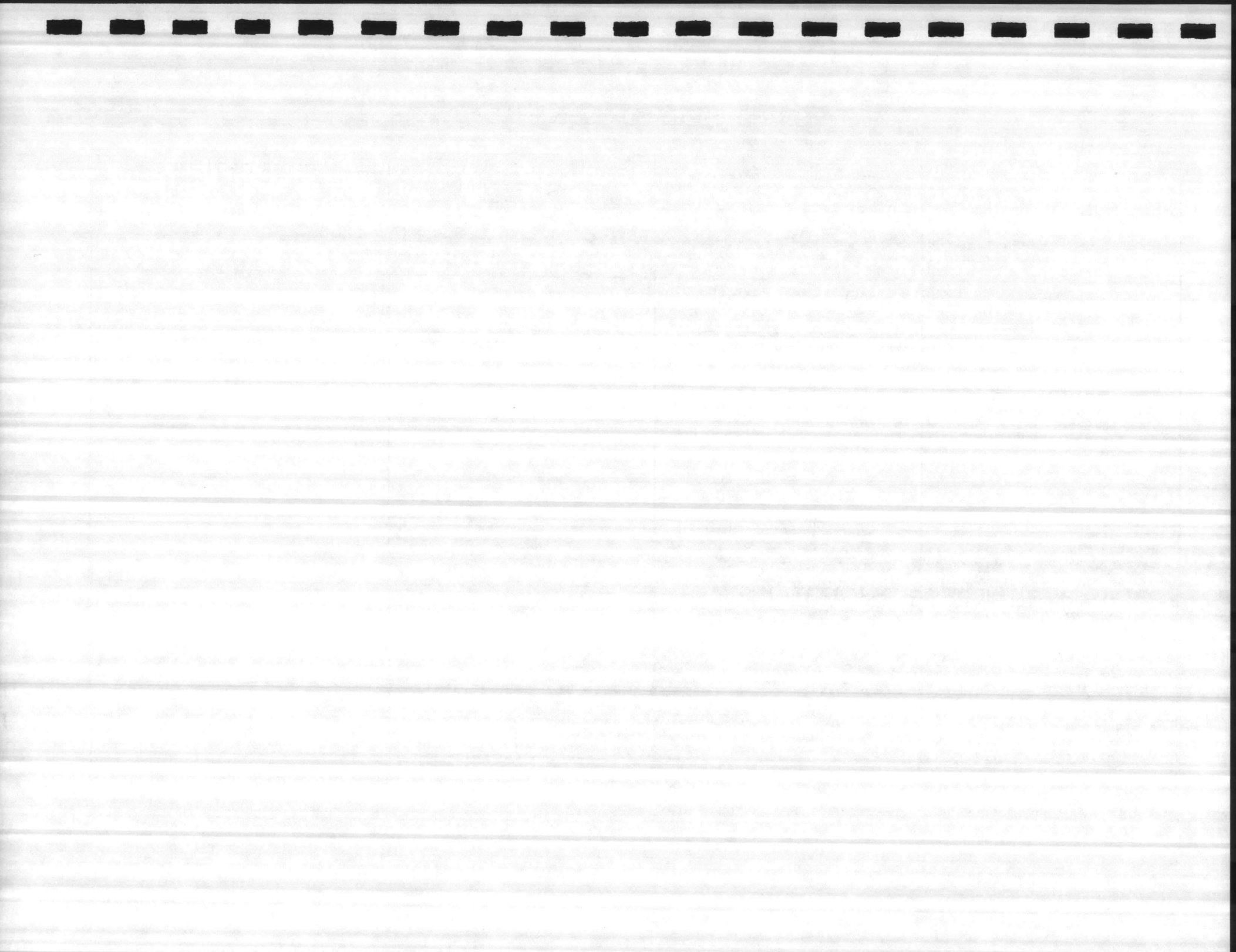
TYPE RANGE FACILITY:  
 Live-Fire Full Caliber  
 Live-Fire Subcaliber  
 Simulator  
 Maneuver Area  
 Associated Air Space  
 Other

RANGE NAME AND LOCATION: K-407 Individual Quick Reaction Range, MCB, Camp Lejeune, NC  
 Individual Quick Reaction Range

INSTRUCTIONS:

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

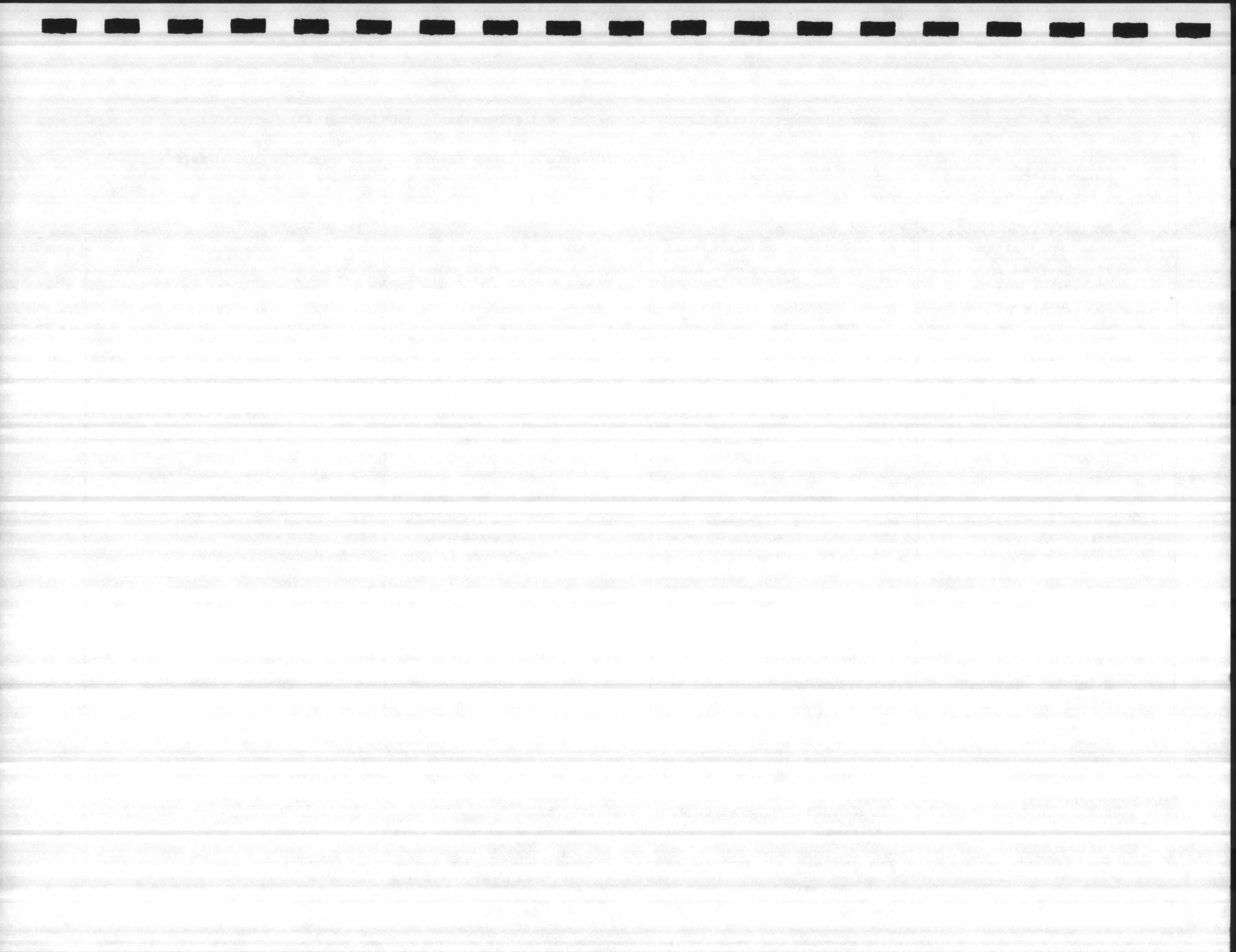
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.35 X 1.3		
Primary Direction of Fire	1840 MILS/104 degrees		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP777342		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	13		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X		



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

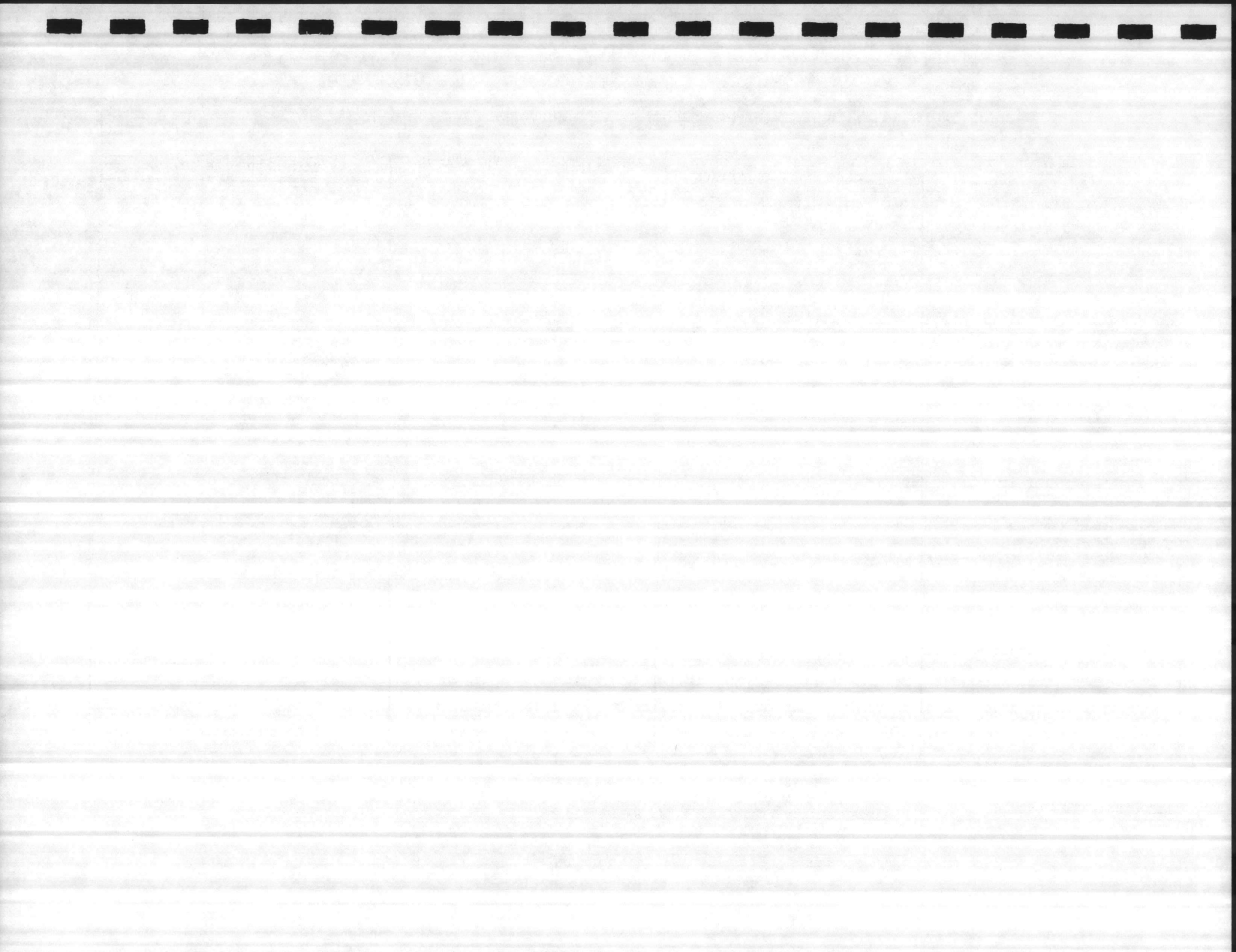
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac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





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

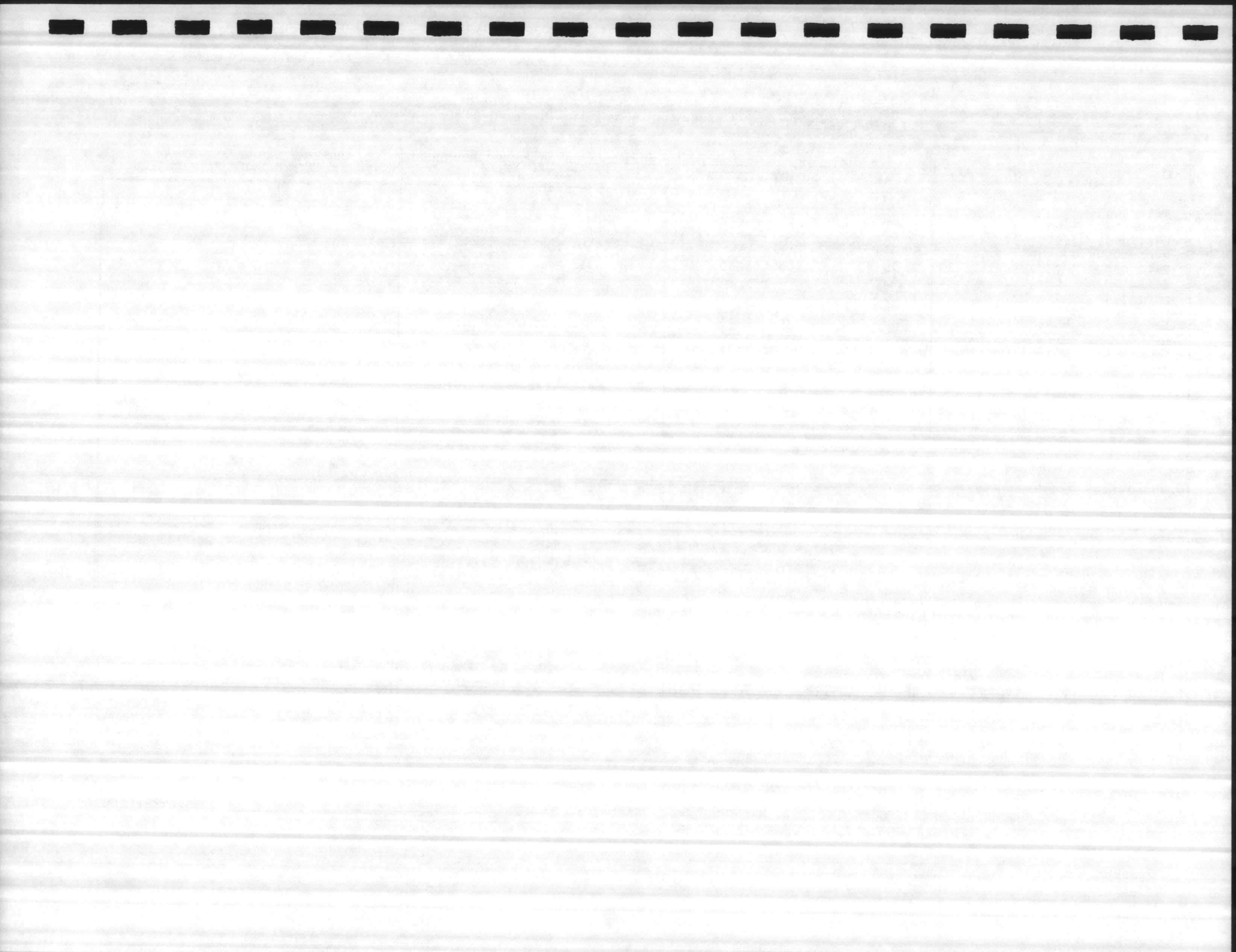
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	9-mm, .38-cal, .45-cal, M16, shotgun		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... 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).....	15 35 15		
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		





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	K-402, K-406A, K-406D, K-408		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes RSO will enforce K-407 special safety precautions		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	Yes RSO will enforce K-407 special safety precautions		



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: LP010056

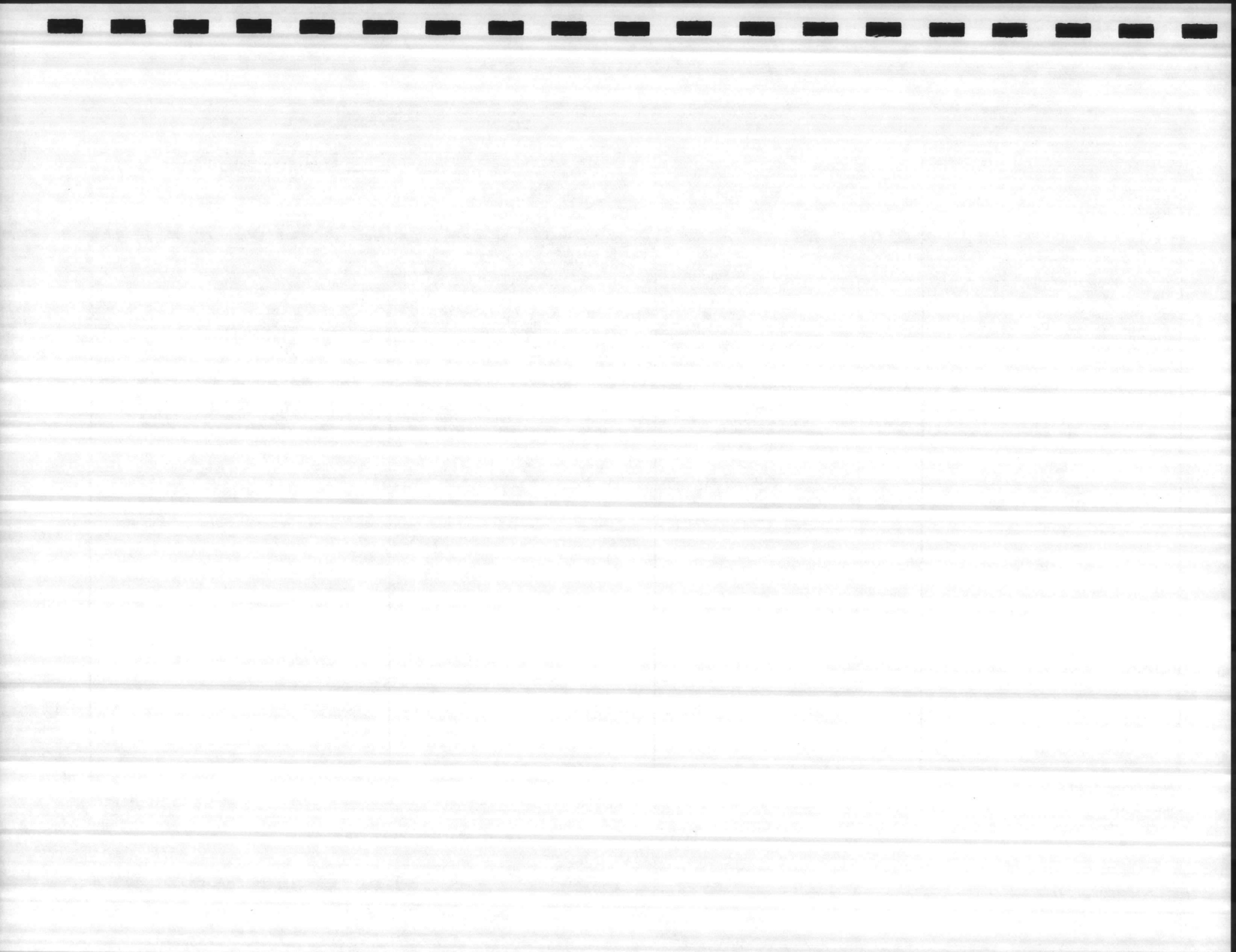
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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-408 Urban Obstacle Course, MCB, Camp Lejeune, NC

Urban Obstacle Course

INSTRUCTIONS:

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

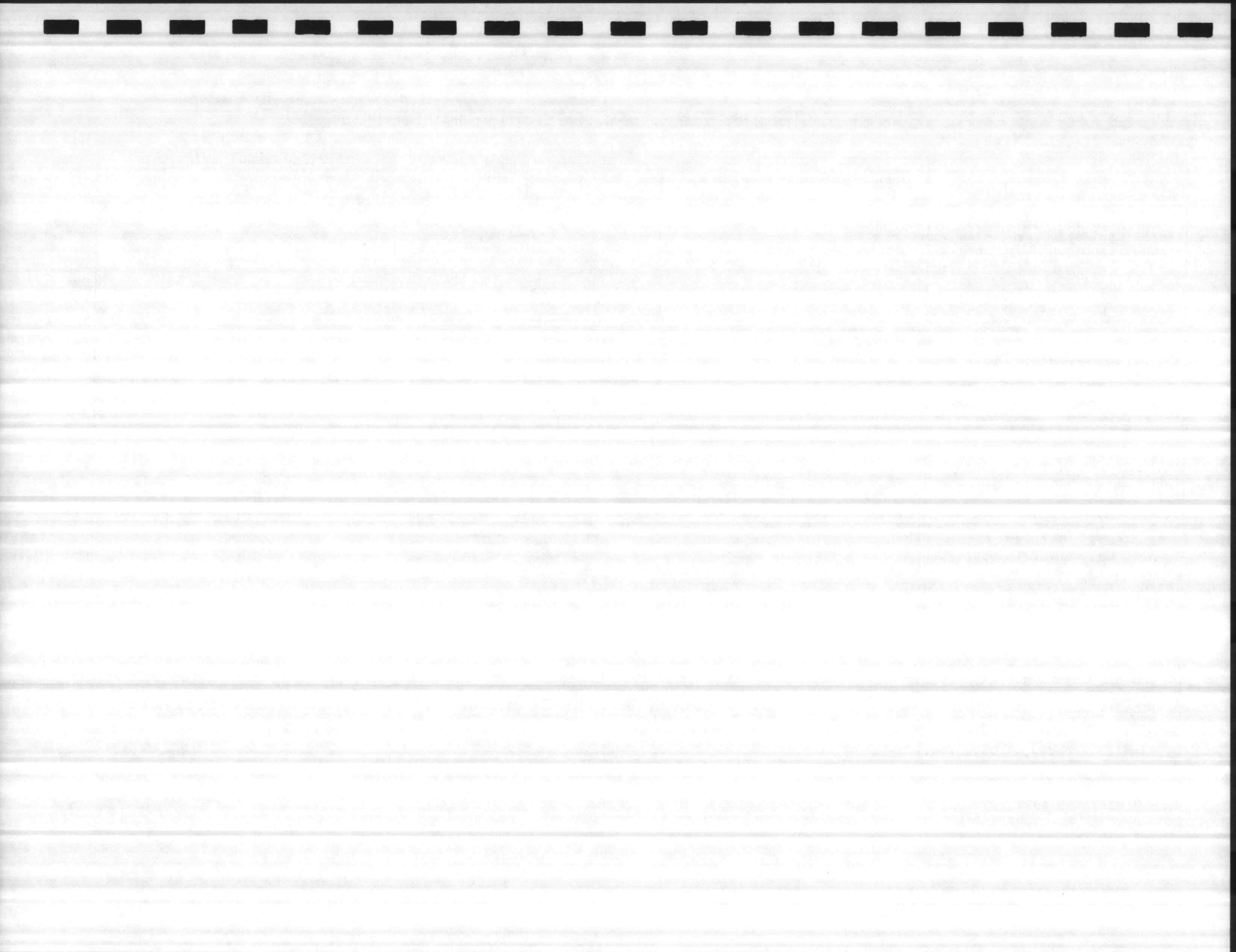
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	2.7 X 1.3		
Primary Direction of Fire			
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP775339		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	14		
Range Facilities			
Control Tower.....			
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010057

PAGE 1 OF 6 DATE: 03/05/87

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

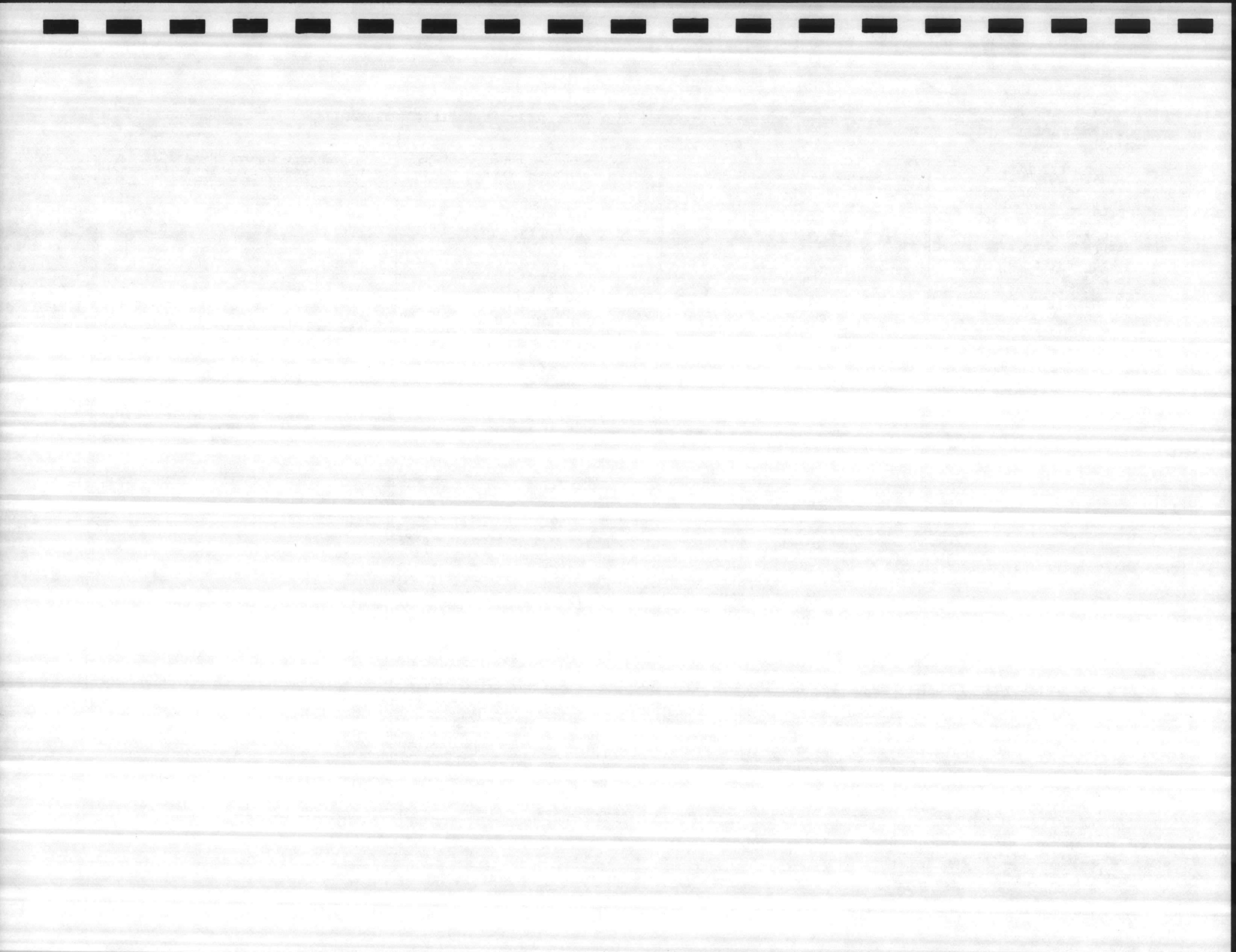
LFRTS-P-0001



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

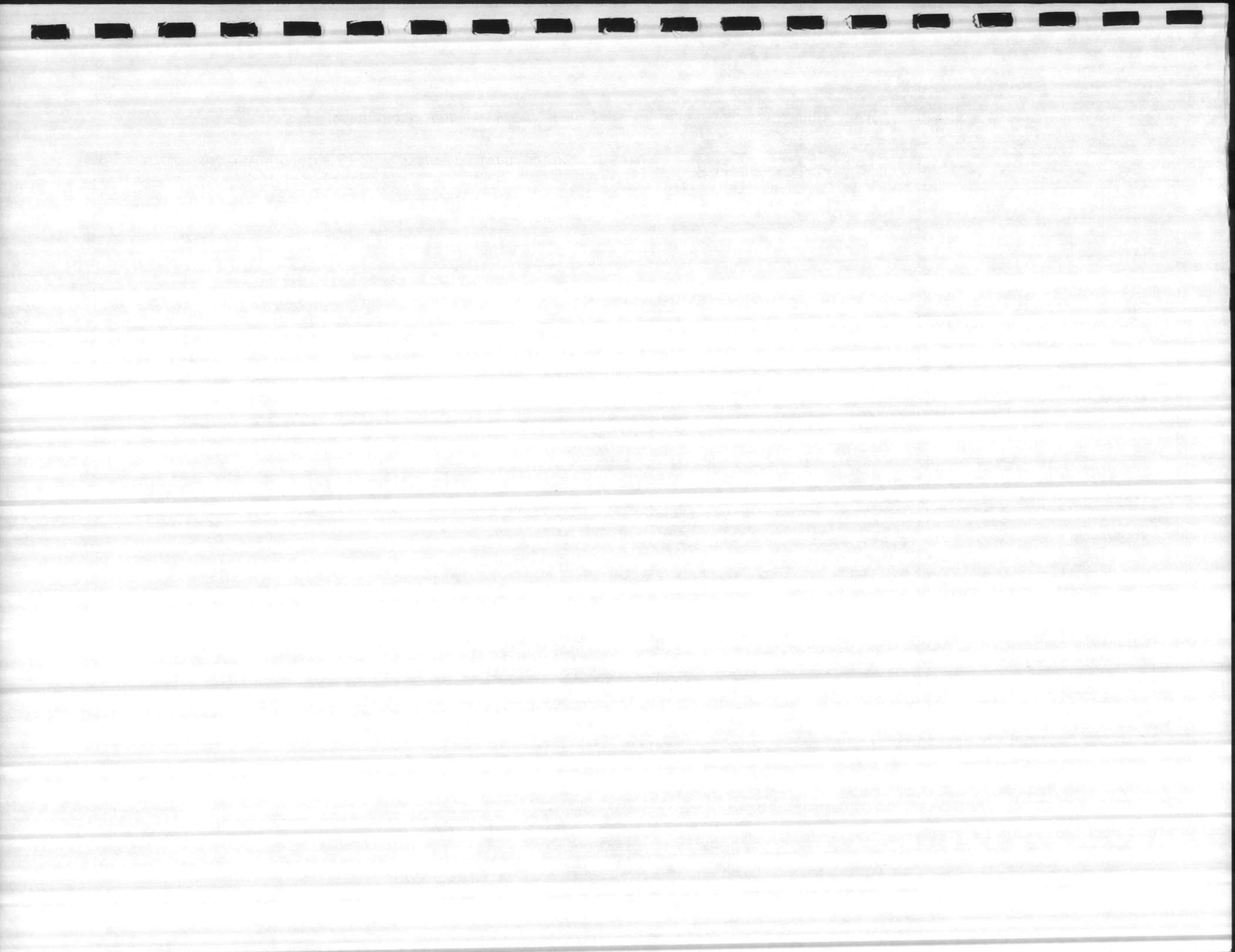
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... 14 targets Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X 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		
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).....	15 .....	.....	
Ammunition (km).....	35 .....	.....	
Rations (km).....	15 .....	.....	
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	350		
Is Range/Facility Capable of Nighttime Use? Yes, No	No		

FILE NAME: LP010057

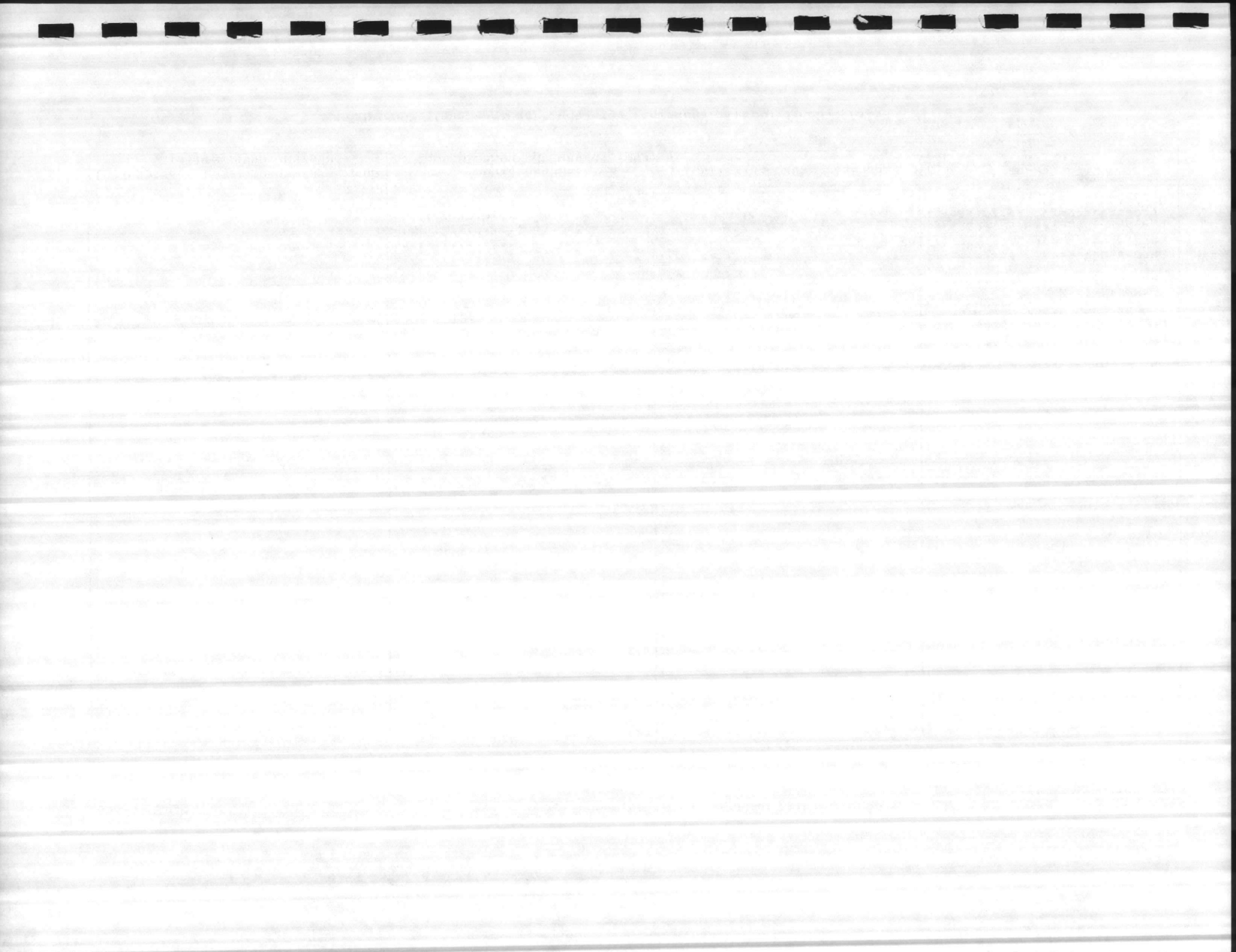
PAGE 4 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

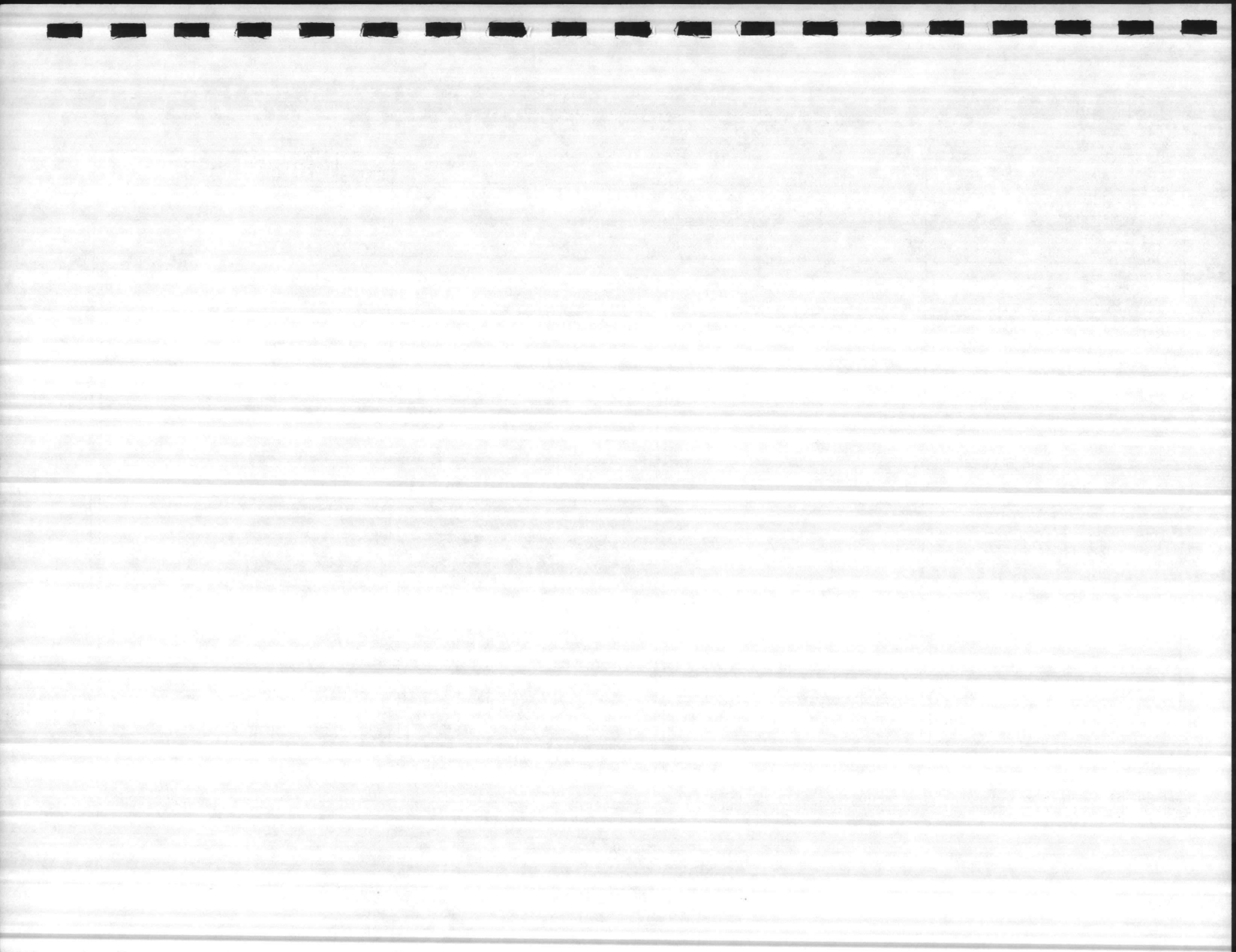
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 15 Maintenance..... 15 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	K-407		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Tunnel obstacle inspected by RSO to ensure safety		
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		





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: L-5 Advanced Tactics (Fire/Maneuver) Range, MCB, Camp Lejeune, NC  
 Advanced Tactics (Fire/Maneuver) 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)	5.1 X 1.8		
Primary Direction of Fire	See Fire (page 6 of 6)		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP735309		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	36		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X X  X		

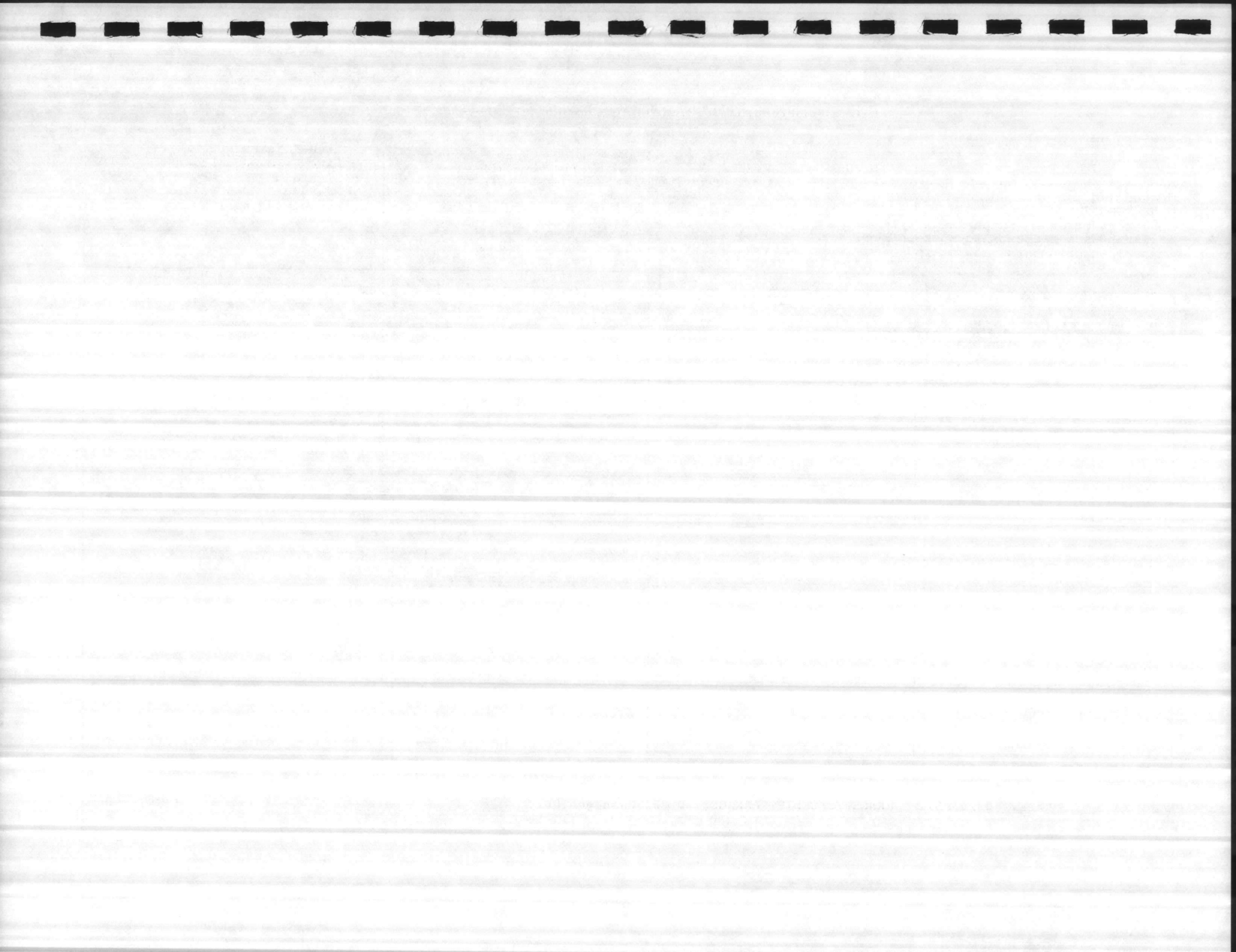
FILE NAME: LP010058

PAGE 1 OF 6

DATE: 03/05/87

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

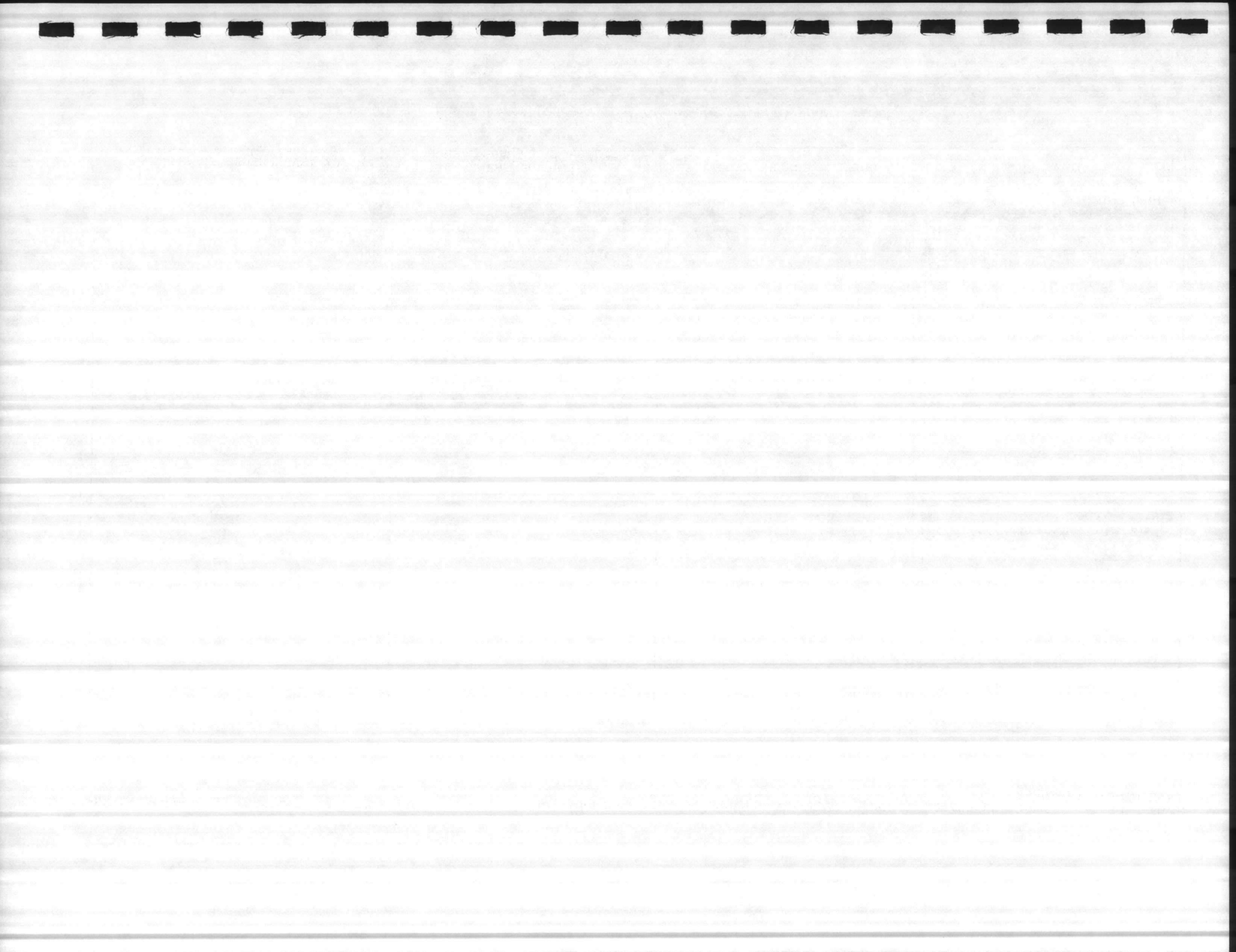
LFRTS-P-0001



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..... X Classroom..... Bivouac Site..... Other.....			
Telemetry Instrumentation..... Scoring..... 36 targets Reconstruction..... Air Launch Parameters..... Other.....			
Target Types Pop-up..... X Stationary..... Moving..... Revolving..... Other.....	..... ..... ..... .....	..... ..... ..... .....	
Are There Associated Simulation Devices? Yes, No, NA	Yes 10 artillery, 1 machine gun		





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

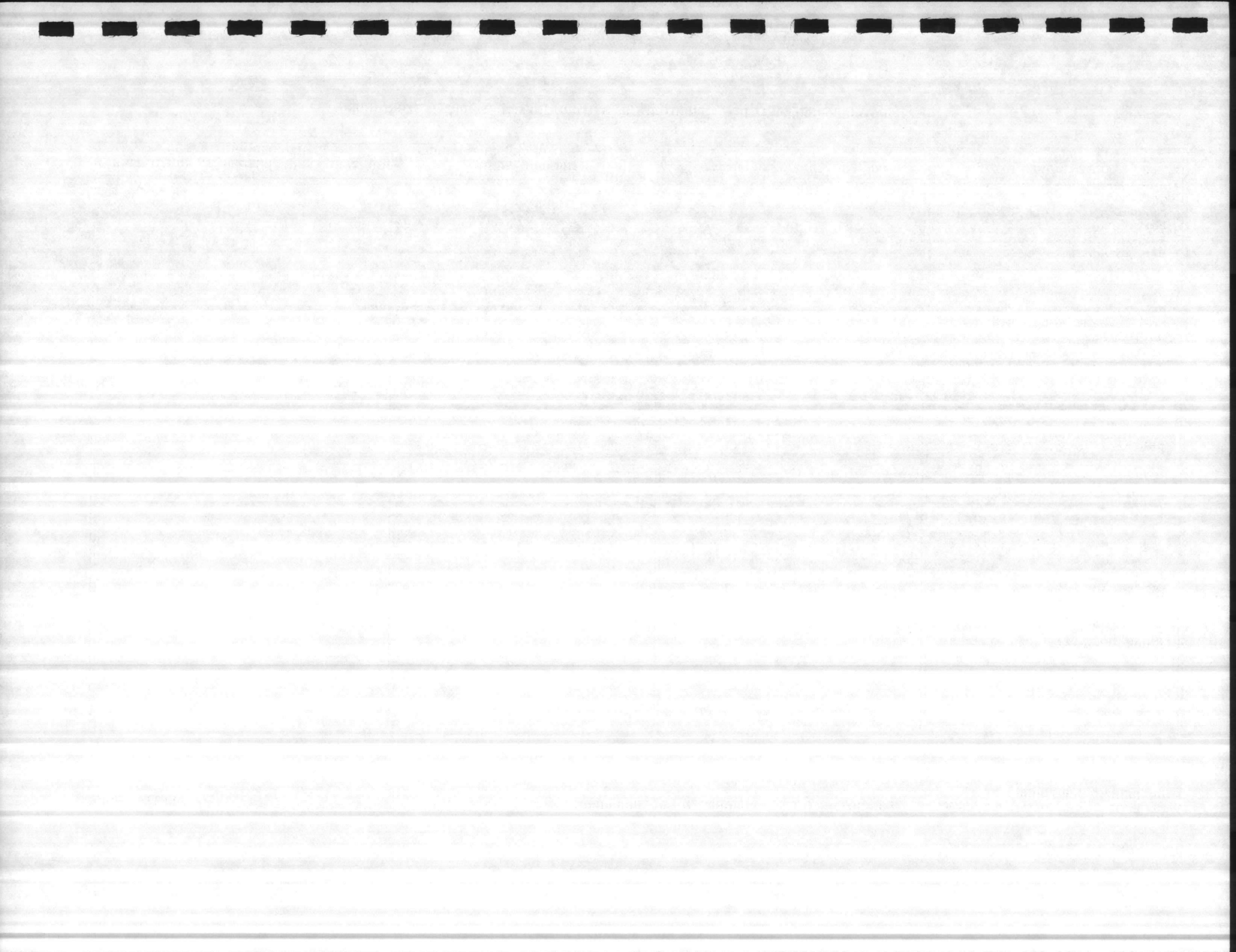
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	service rifle, pistol, M60, SAW, shotgun		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (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).....	15 .....	.....	
Ammunition (km).....	36 .....	.....	
Rations (km).....	15 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	400 .....	.....	
No. of Batteries.....	.....	.....	
No. of Crew-Served Wpns....	.....	.....	
No. of Aircraft/Helos.....	.....	.....	
as Appropriate			
Number of Days per Year the Range/Facility is Available	325		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		





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

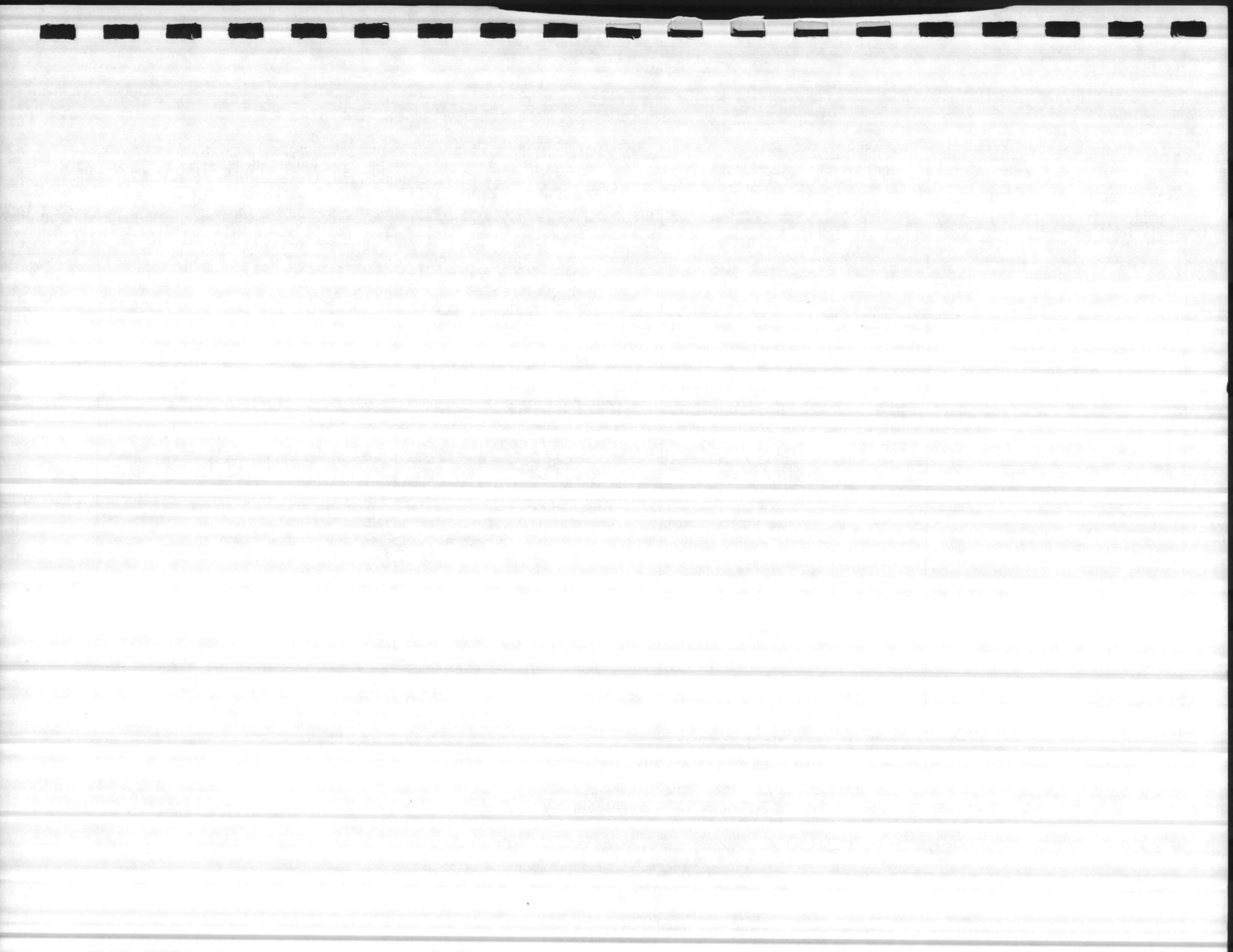
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 40 Maintenance..... 40 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	LA, LB Maneuver Area GP-55		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Operator will brief RSO		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Sentries posted		



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		
	Fire (from page 1 of 6) Phase 1 0154 MILS/9 degrees Phase 2 0500 MILS/28 degrees Phase 3 0780 MILS/44 degrees		





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  
 Hazardous Waste Site

RANGE NAME AND LOCATION: Chemical Dump, MCB, Camp Lejeune, NC  
 Chemical Dump

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)	1.25 X 1		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP7728 and TP7828		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	NA		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

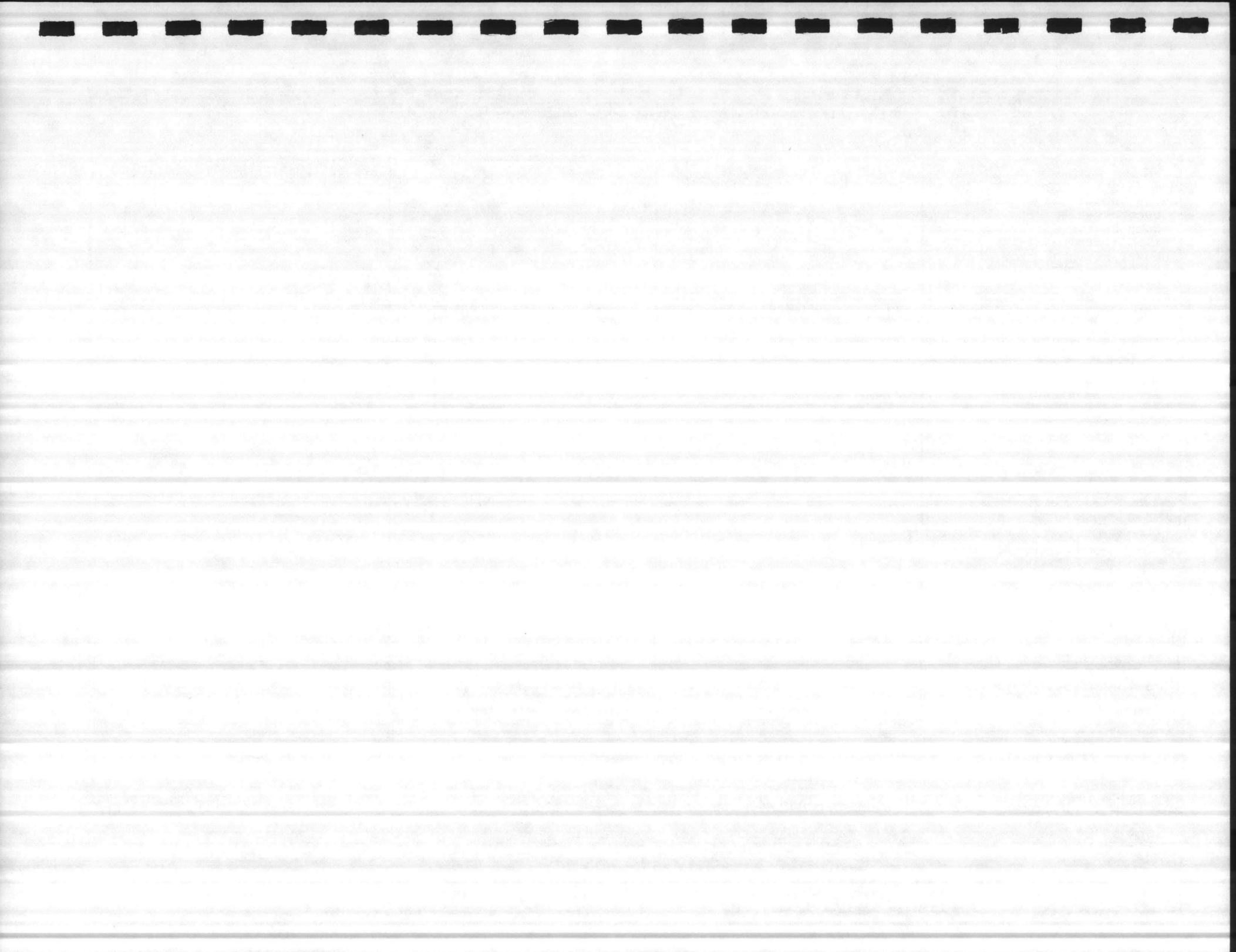
FILE NAME: LP010059

PAGE 1 OF 6

DATE: 03/05/87

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

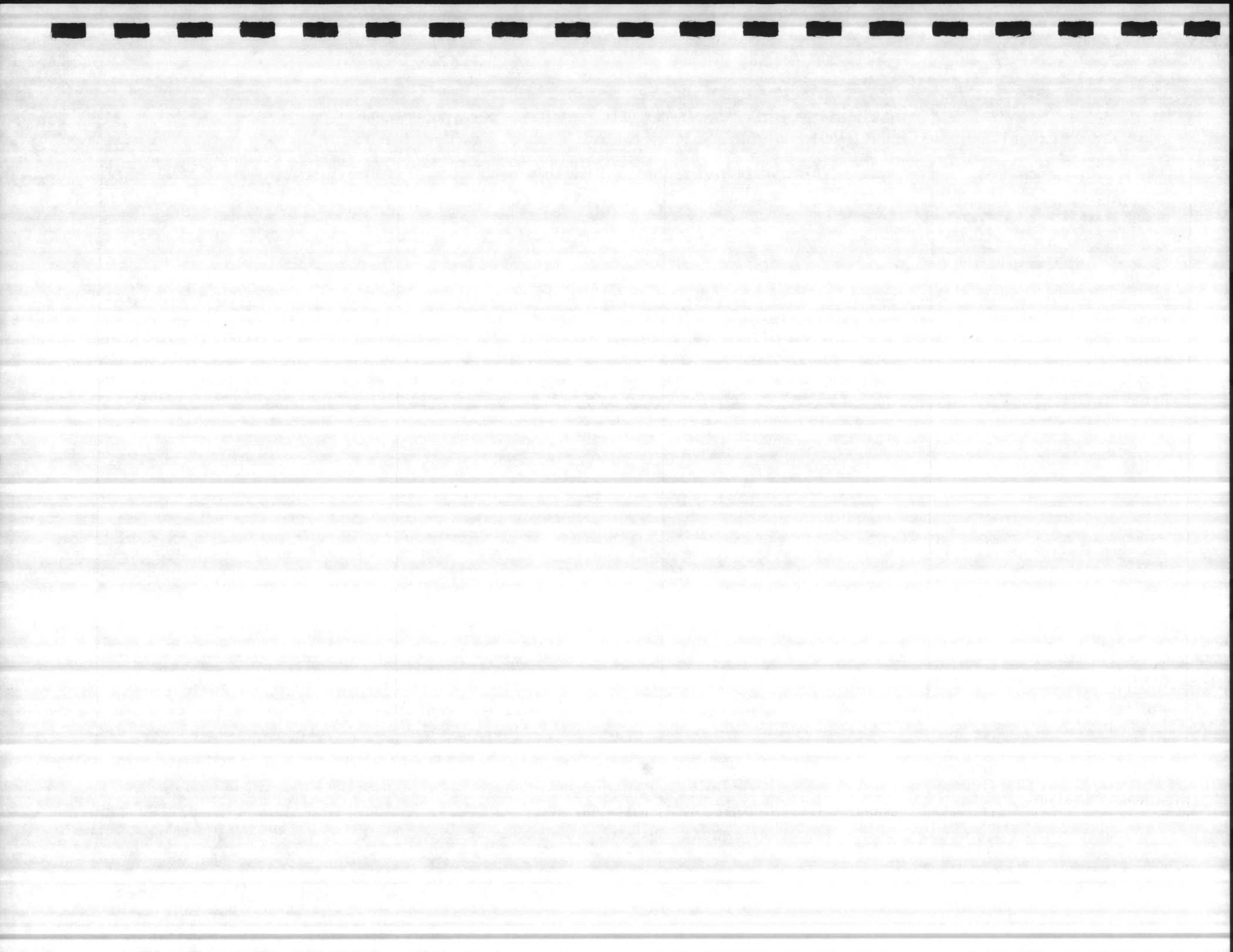
LFRTS-P-0001



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

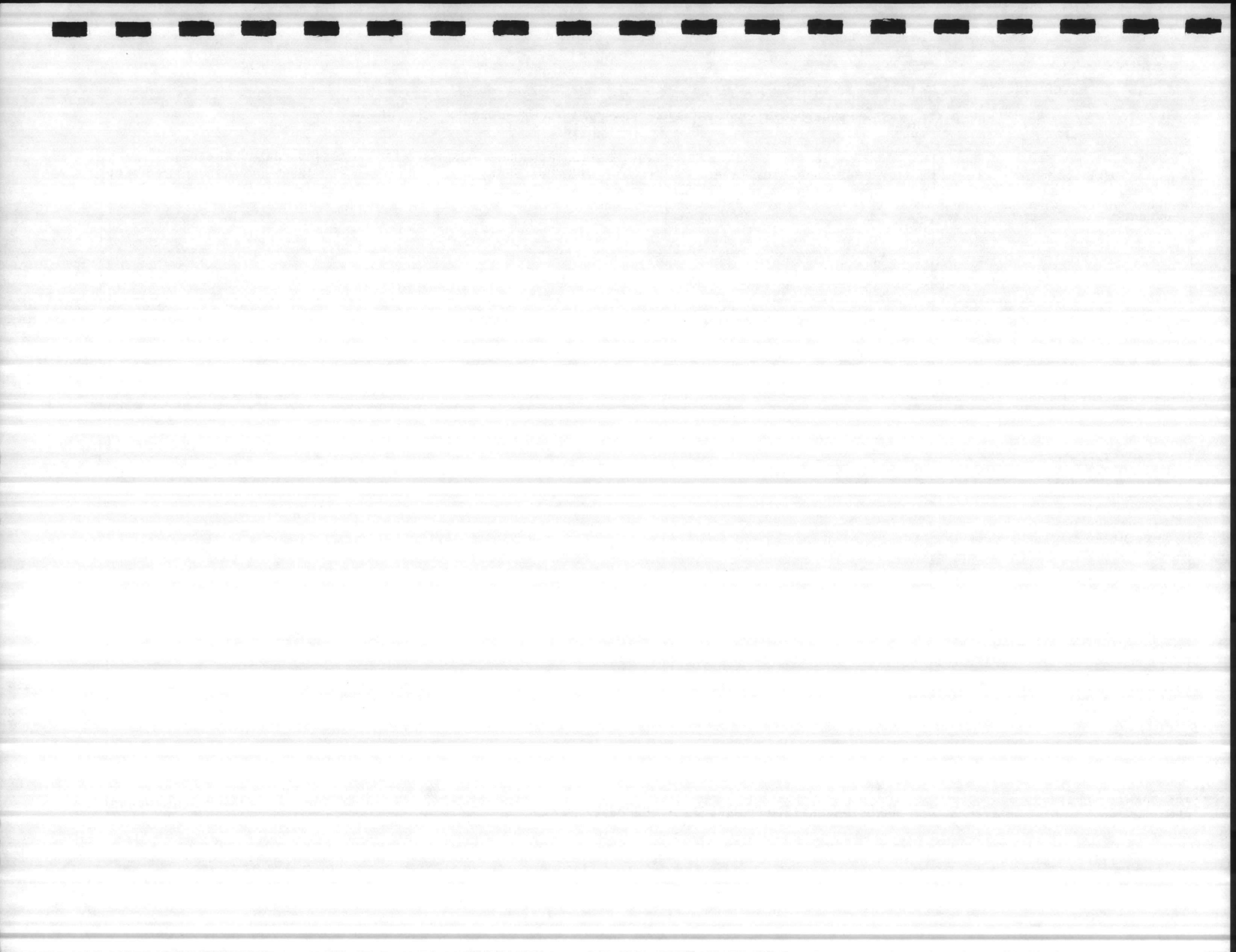
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

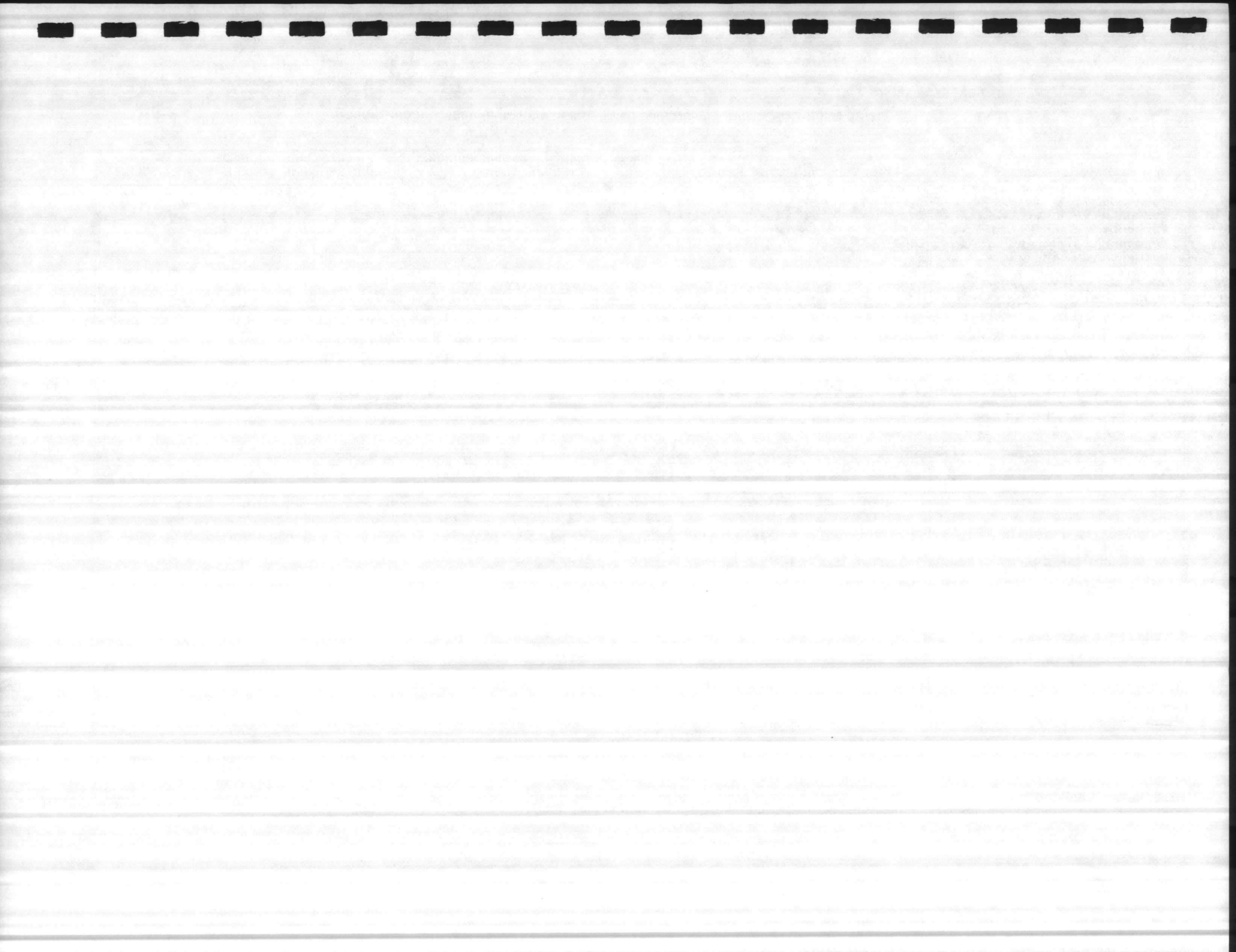
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	NA		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	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)

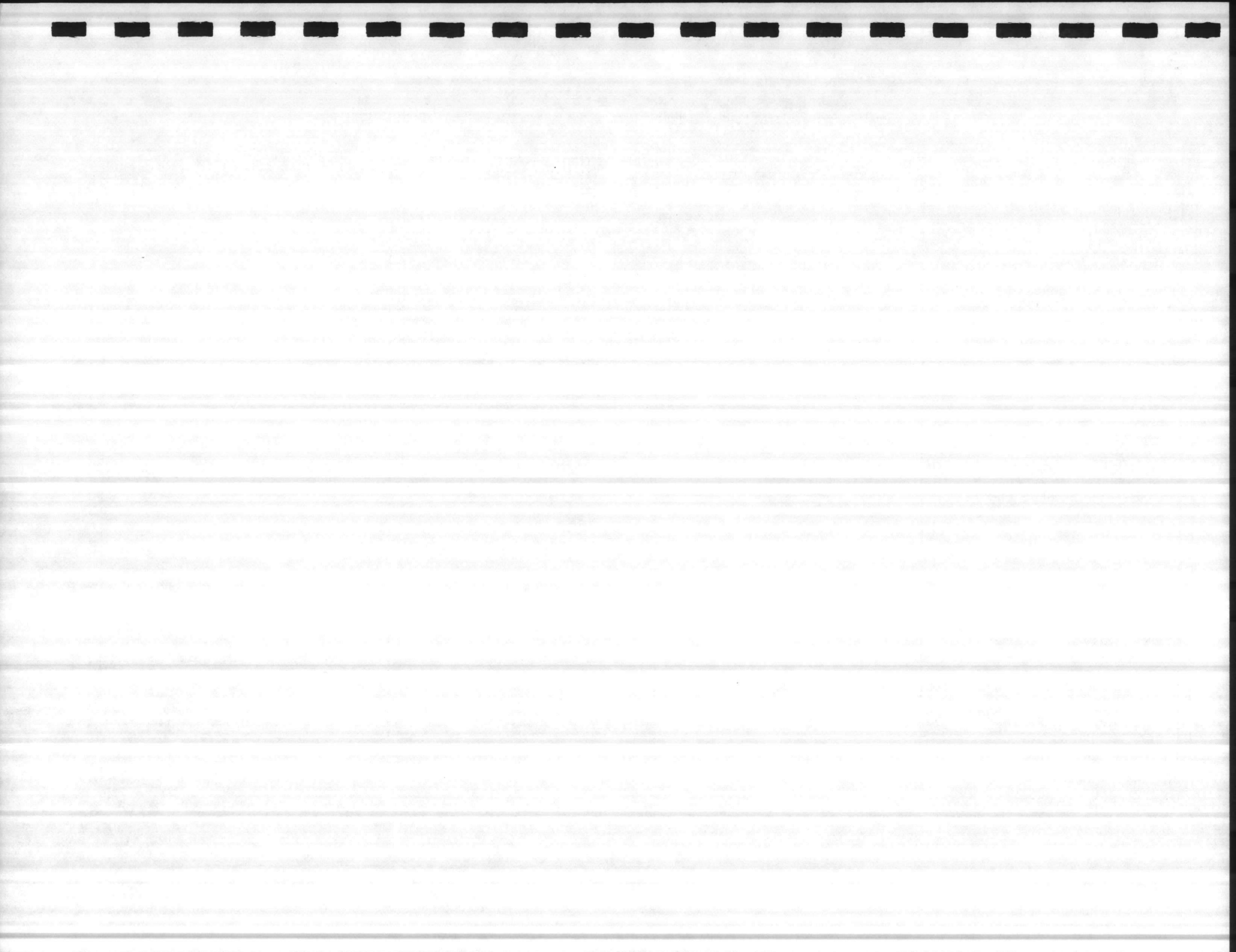
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	2		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	NA		
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 ..... ..... ..... ..... ..... .....
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 entry		
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 .....	Hazardous waste site		

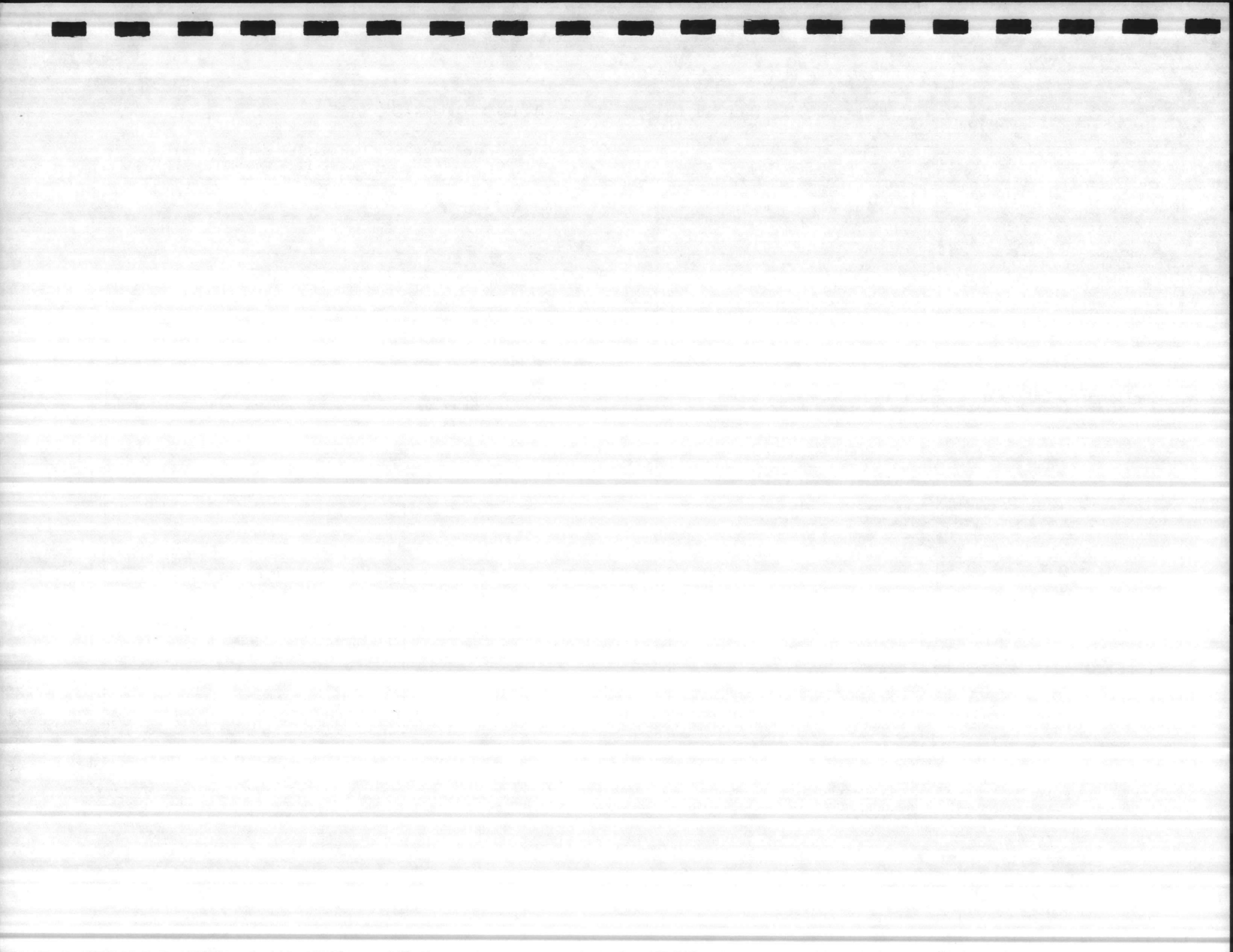
FILE NAME: LP010059

PAGE 6 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)

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: Combat Town, MCB, Camp Lejeune, NC

Combat Town

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)	.35 X .25		
Primary Direction of Fire	NA		
Associated Air Space	To 17,999 ft; 399 sq km		
Coordinates	TP889319		
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: LP010060

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DATE: 03/05/87

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

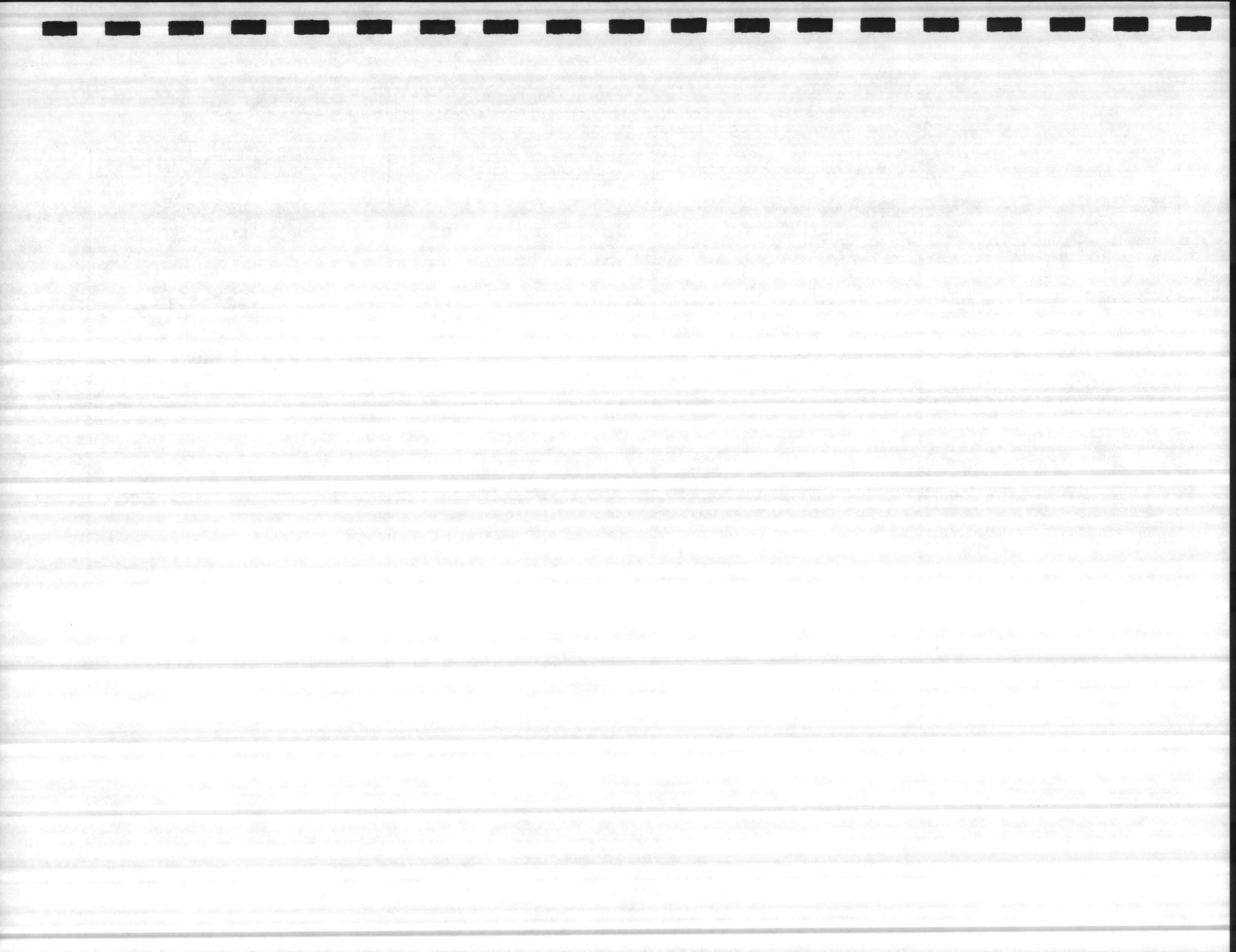
LFRTS-P-0001



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

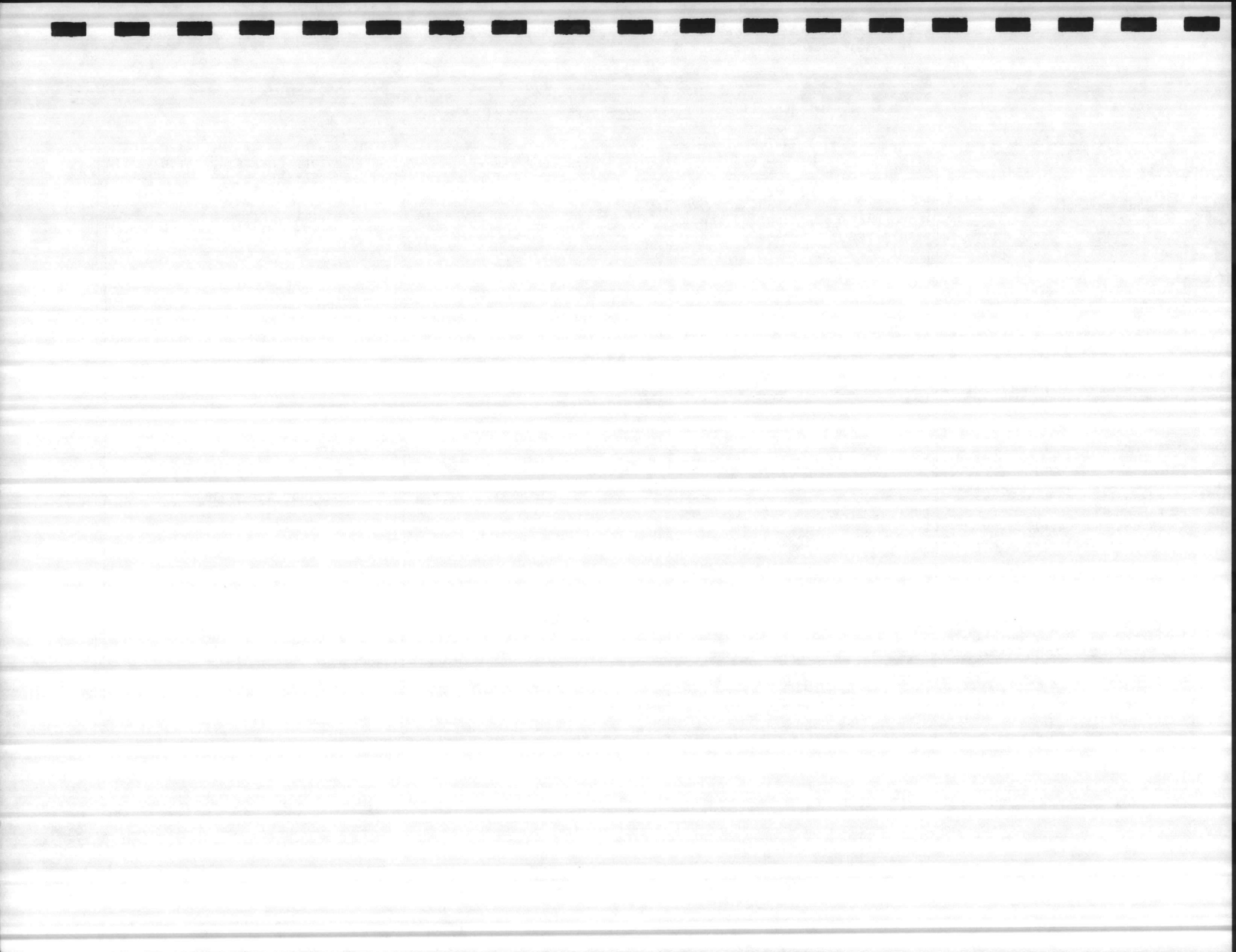
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

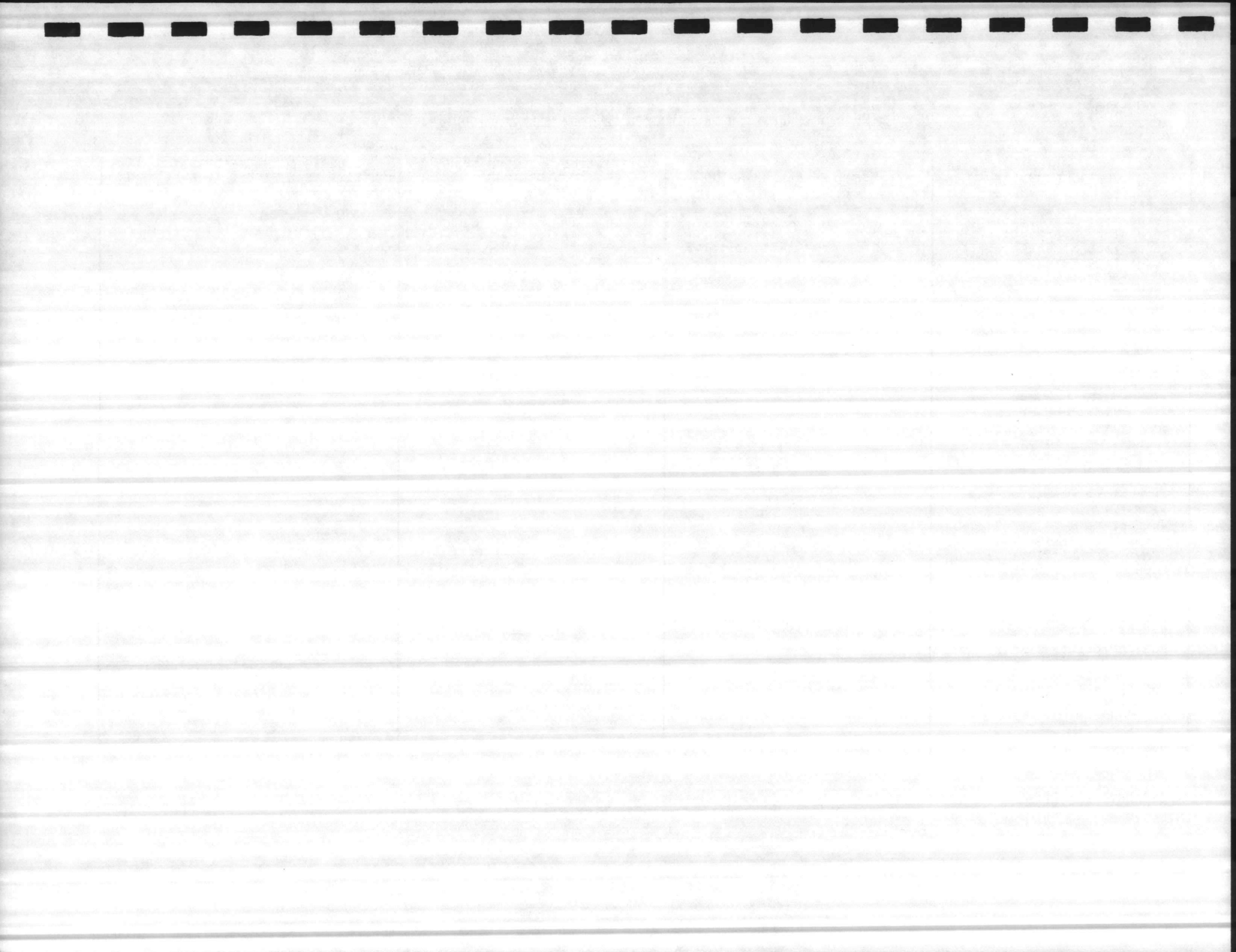
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	small arms, machine guns, practice hand grenades, smoke hand grenades, practice land mines, pyrotechnics, demolitions		
Climate			
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.....	100		
Percentage Clay.....			
Percentage Swamp/Marsh.....			
Percentage Loamy.....			
Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE



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

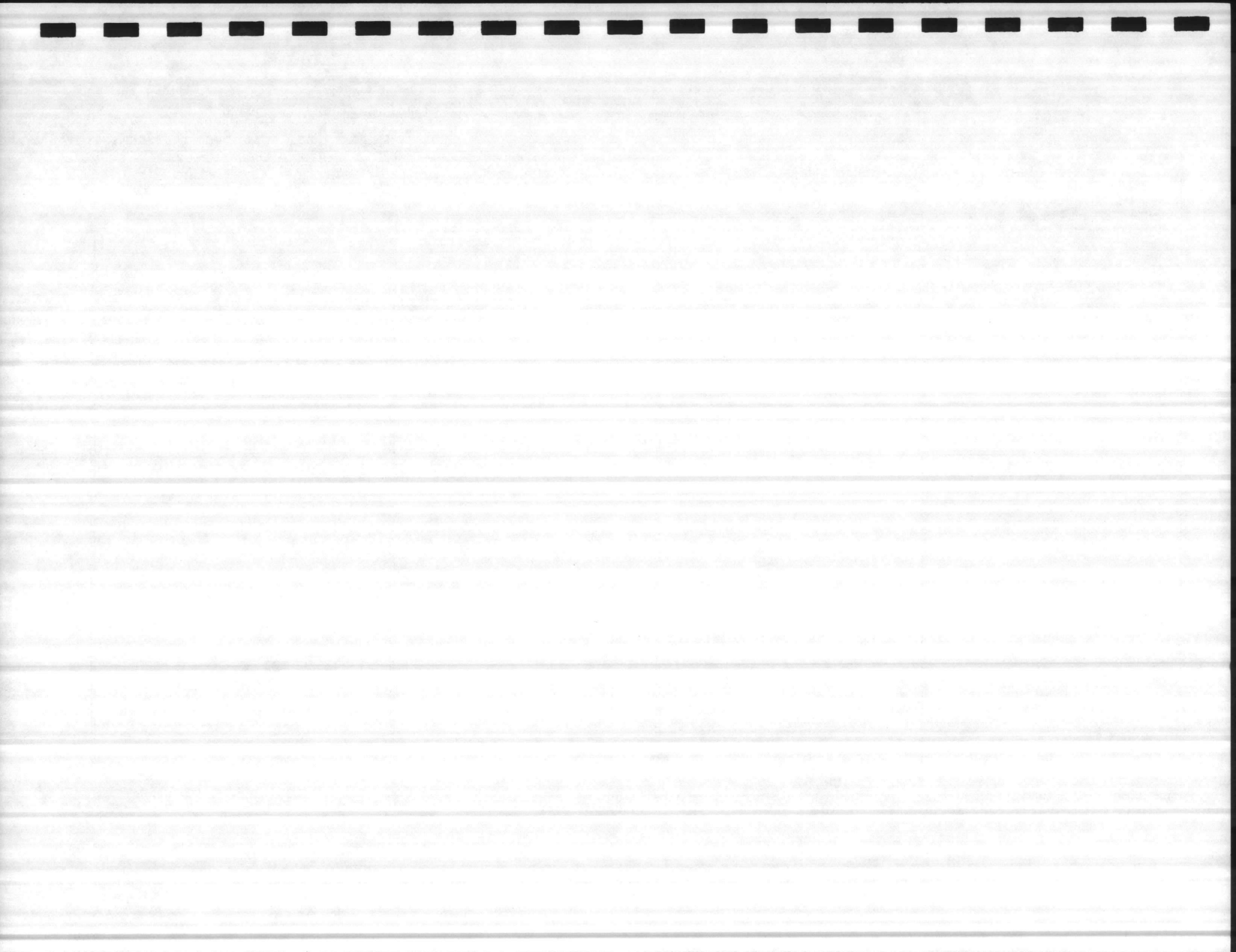
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100 ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
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...	2 ..... ..... ..... .....	..... ..... ..... ..... .....	..... ..... ..... ..... .....
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	8 4 8	..... ..... .....	..... ..... .....
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	..... ..... ..... ..... .....	..... ..... ..... .....	..... ..... ..... .....
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..... 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	NA		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Restrictions on tracked vehicles No bivouacing No fires		



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: LP010060

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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: Browns Tower Observation Post, MCB, Camp Lejeune, NC  
 Observation Post

INSTRUCTIONS:

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

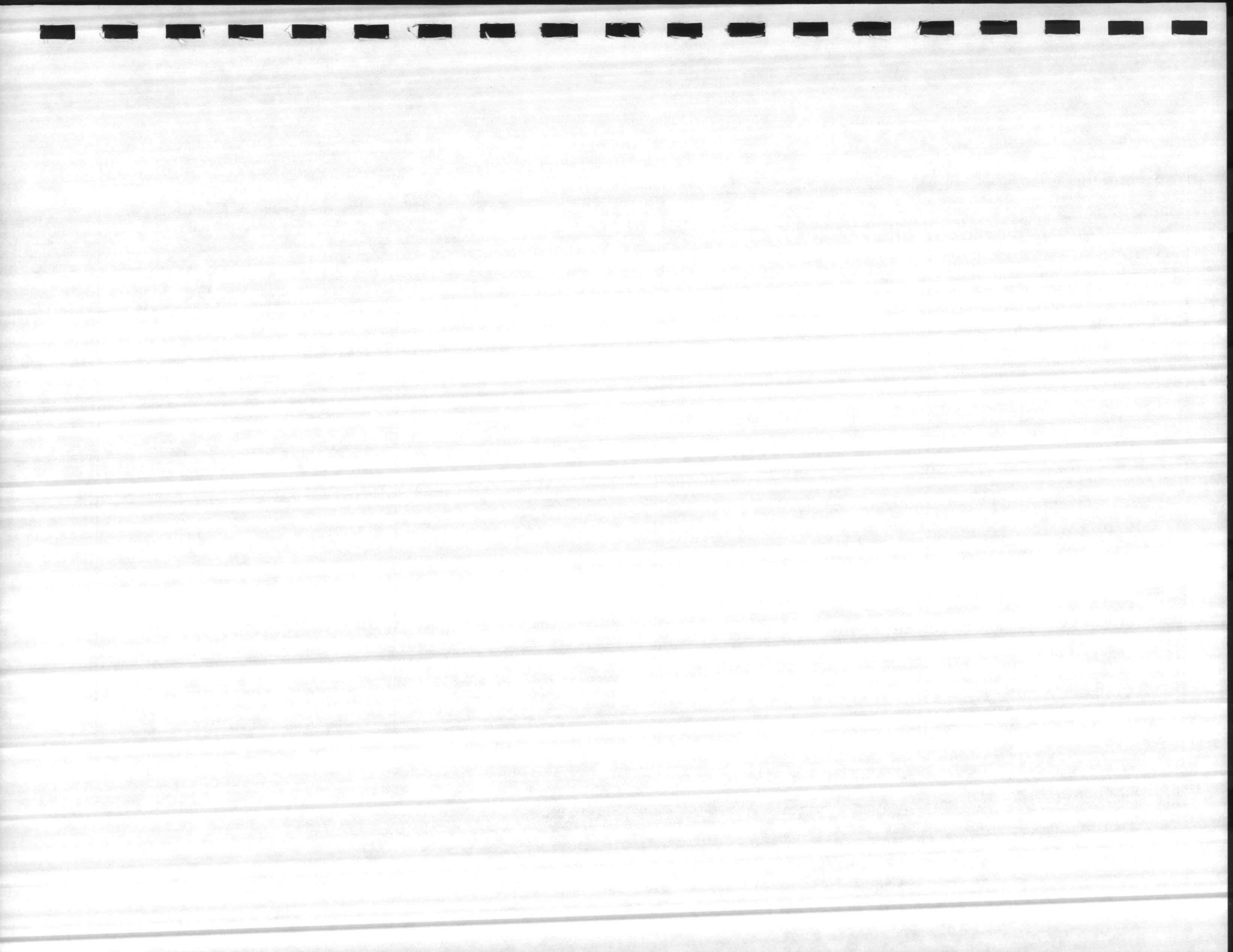
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP958322		
Safety 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 X		

FILE NAME: LP010076

PAGE 1 OF 6 DATE: 03/05/87

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

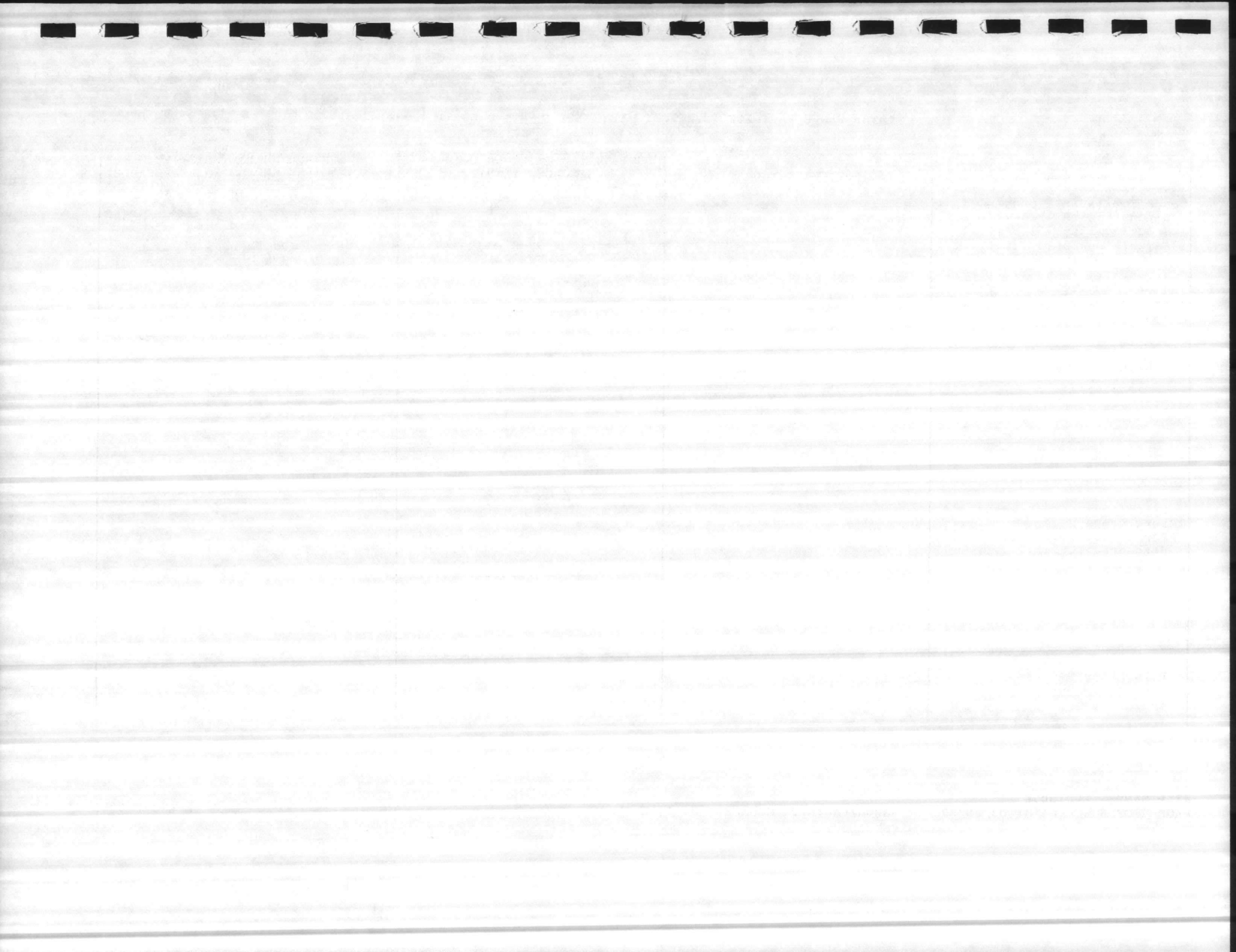
LFRTS-P-0001



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

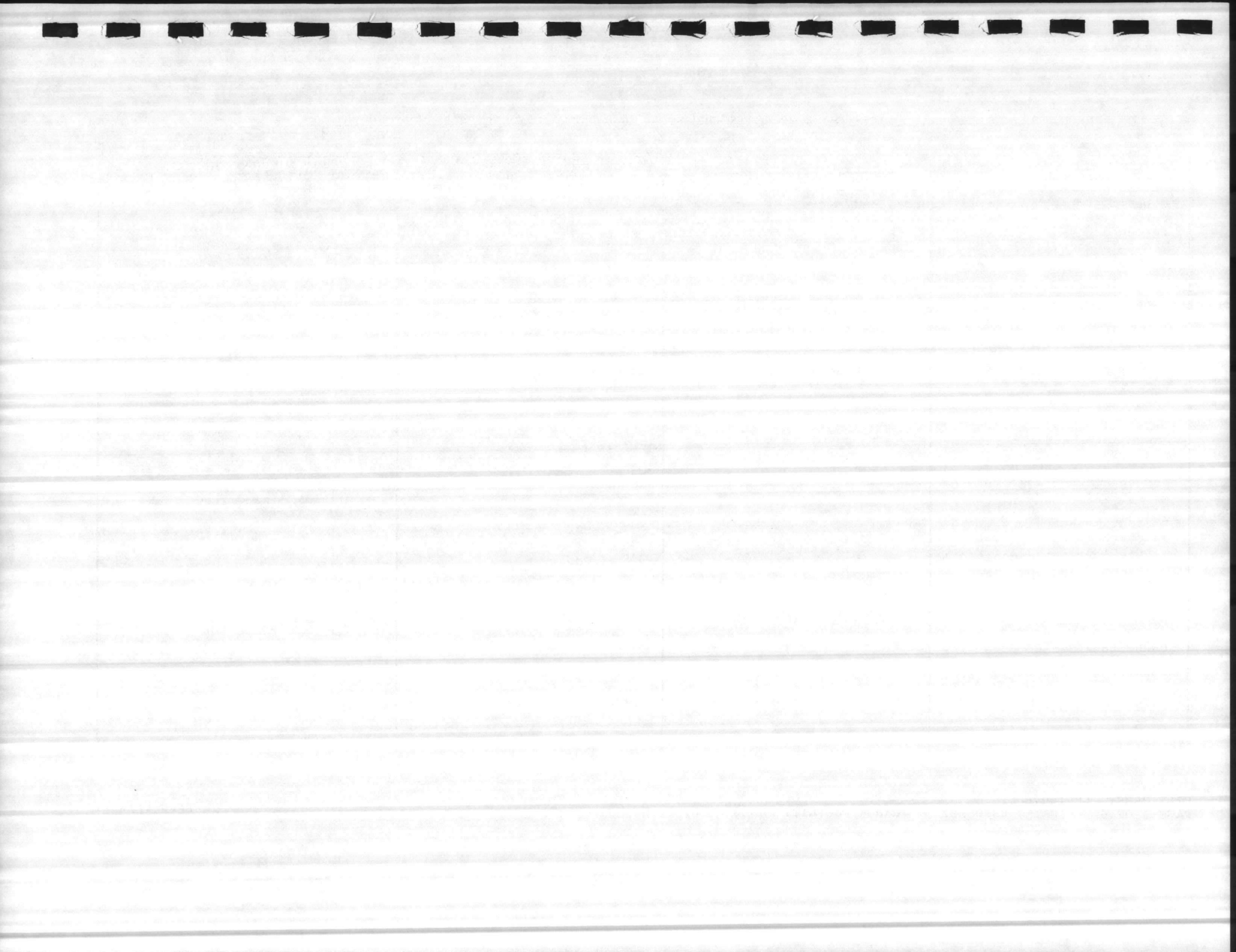
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

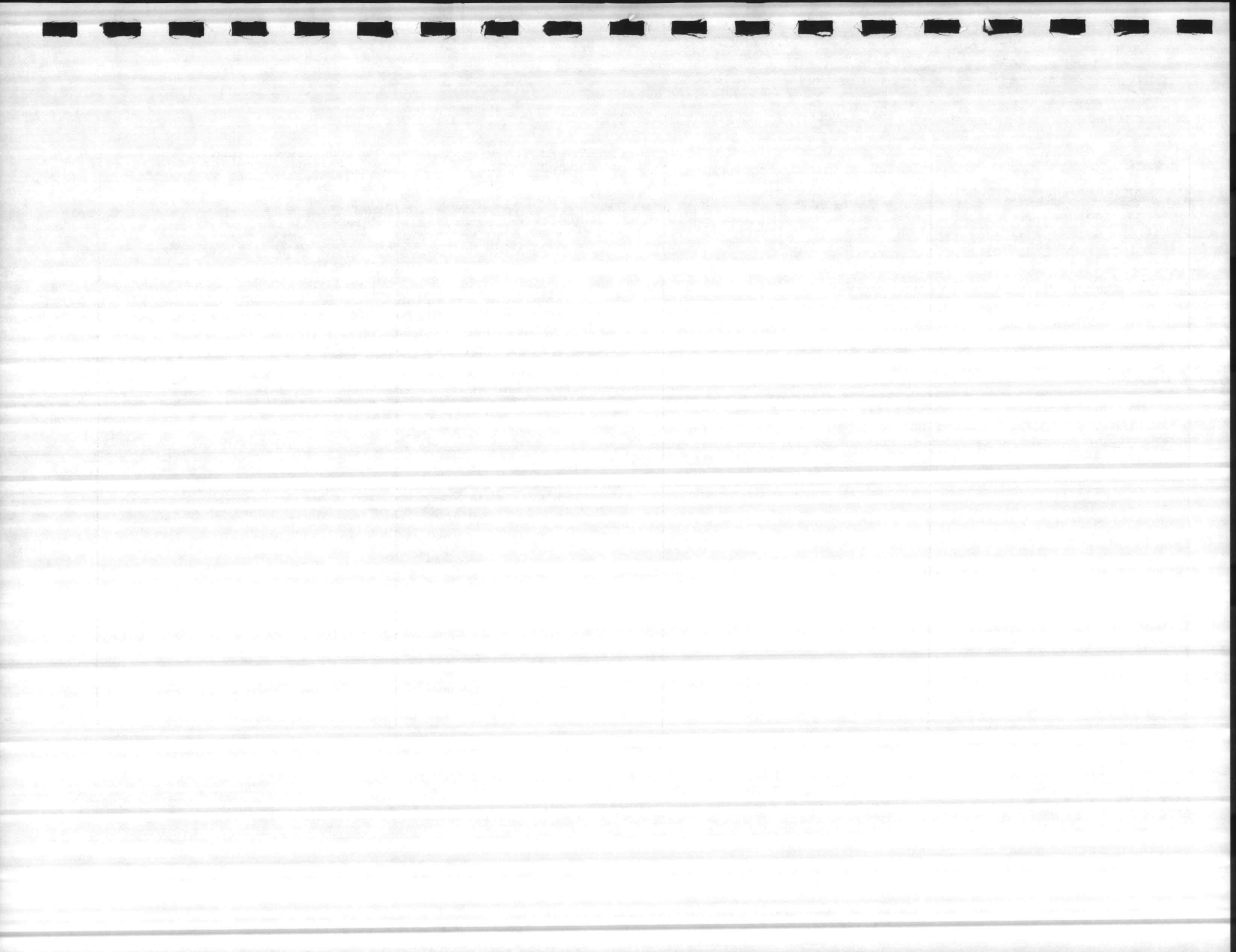
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	Undefined		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT APPLICABLE	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)

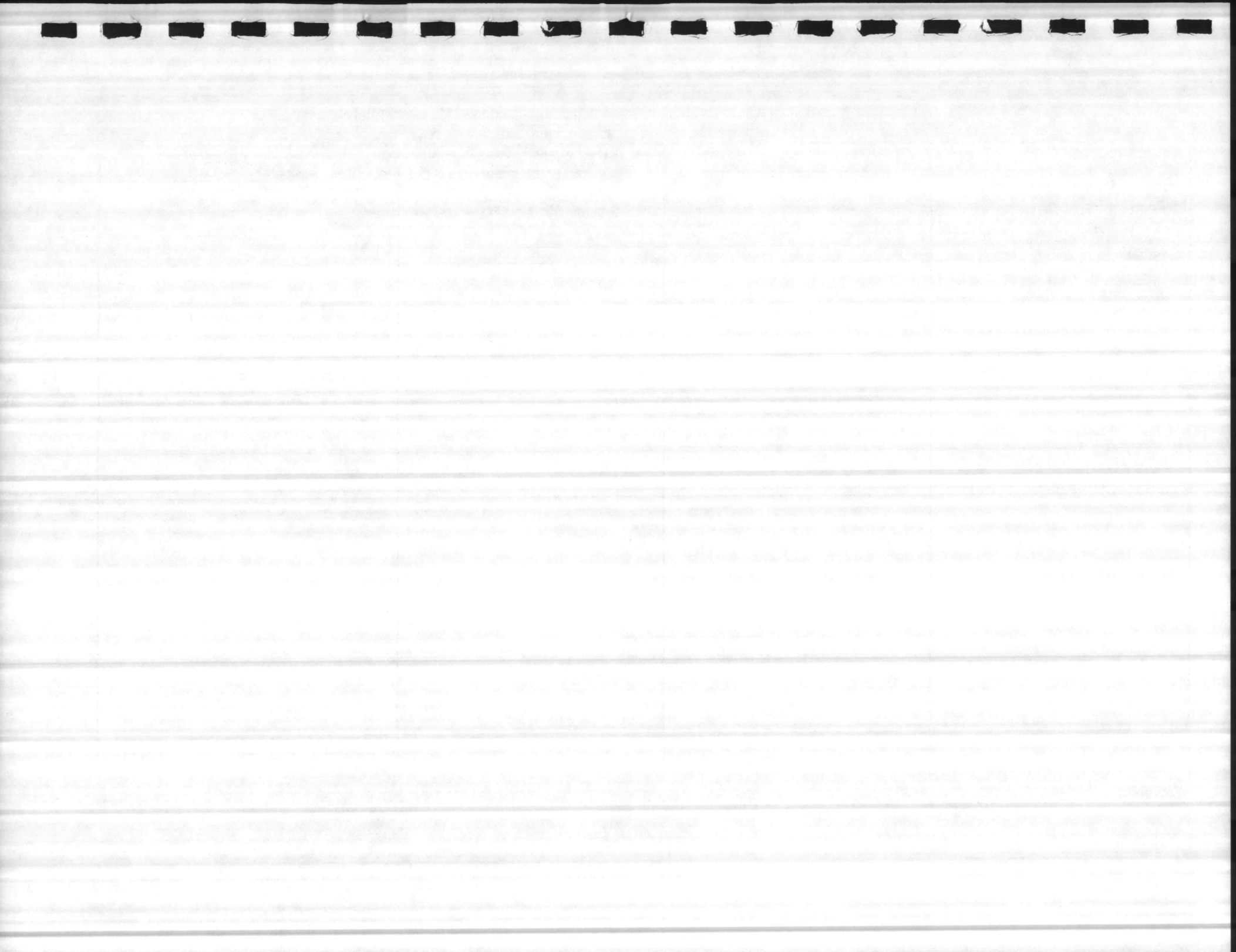
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100 ..... ..... .....	..... ..... ..... .....	
Access No. 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).....	NA NA NA ..... .....	..... ..... ..... .....	
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	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	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 .....	Undefined		

FILE NAME: LP010076

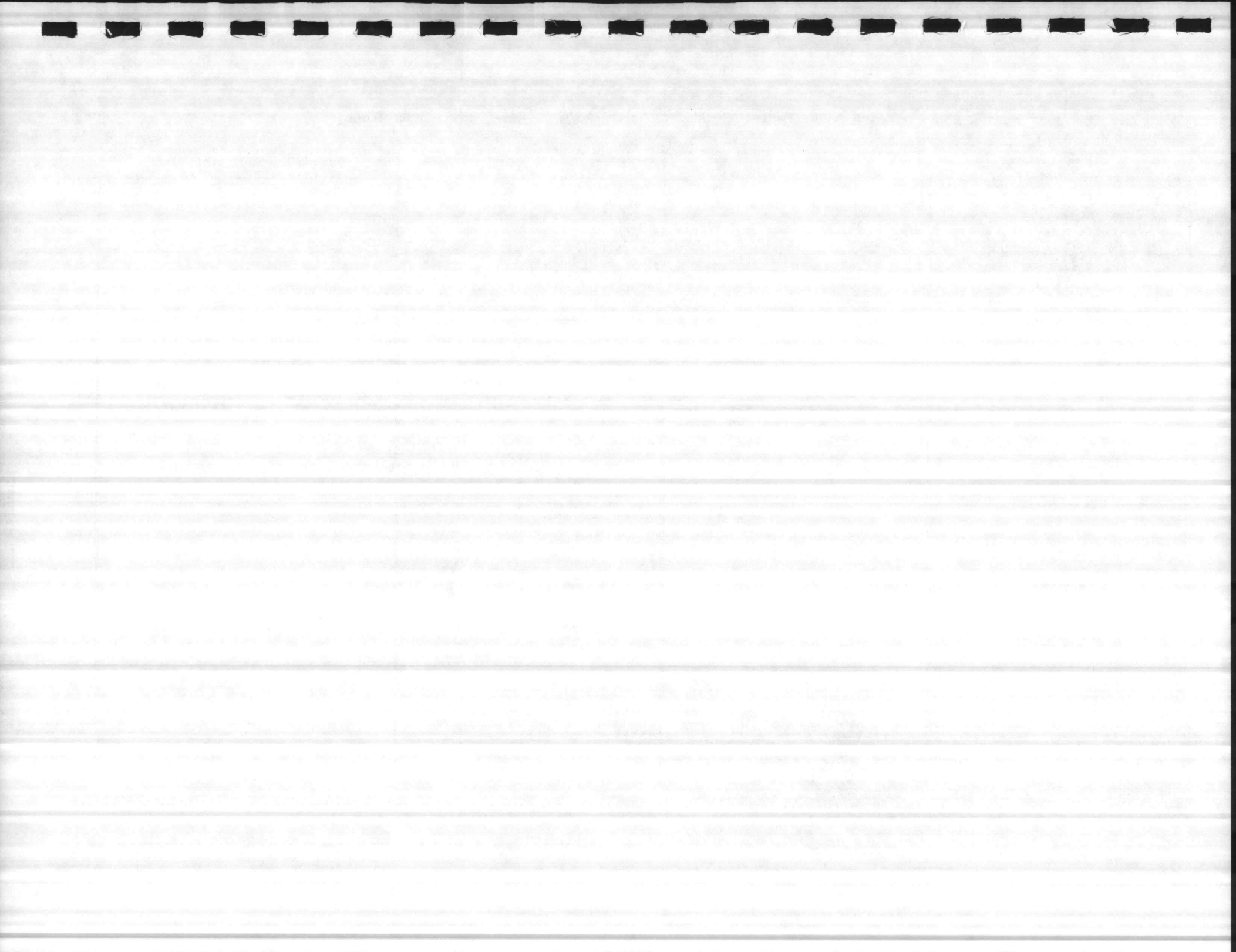
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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: OP-6, MCB, Camp Lejeune, NC

Observation Post

INSTRUCTIONS:

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

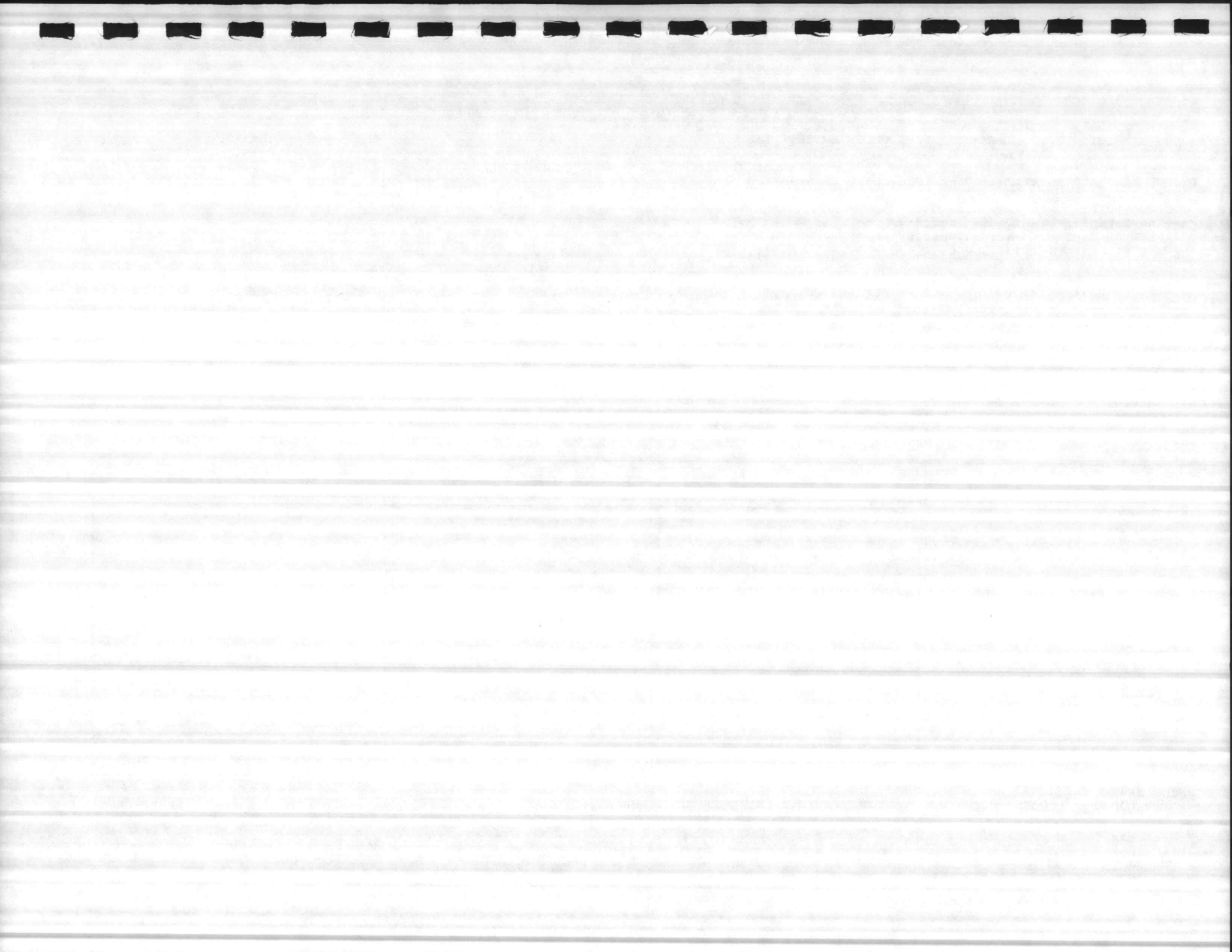
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km) Primary Direction of Fire Associated Air Space Coordinates	Undefined  17,999 ft; 399 sq km  TP782355		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	Undefined		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

FILE NAME: LP010077

PAGE 1 OF 6 DATE: 03/05/87

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

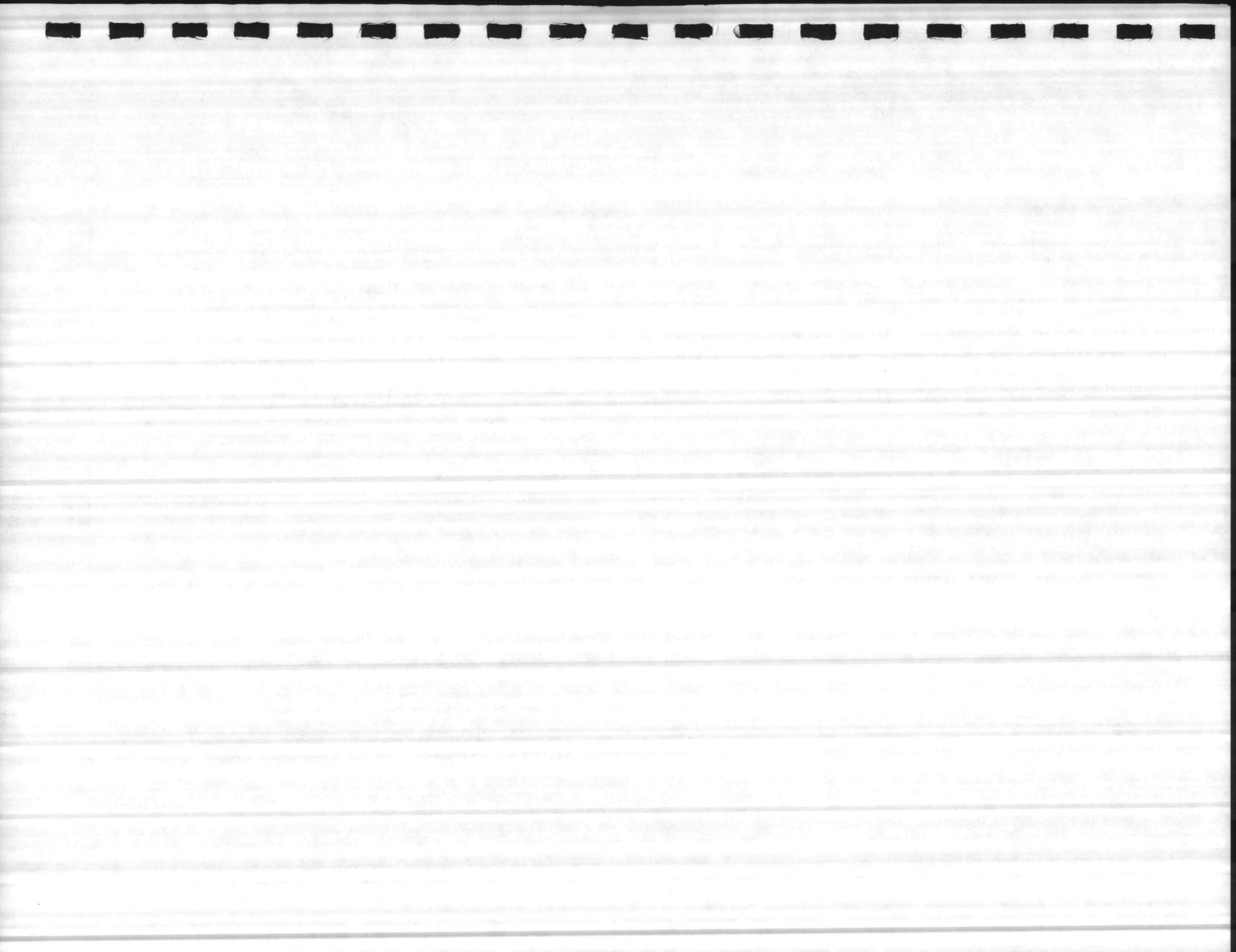
LFRTS-P-0001



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

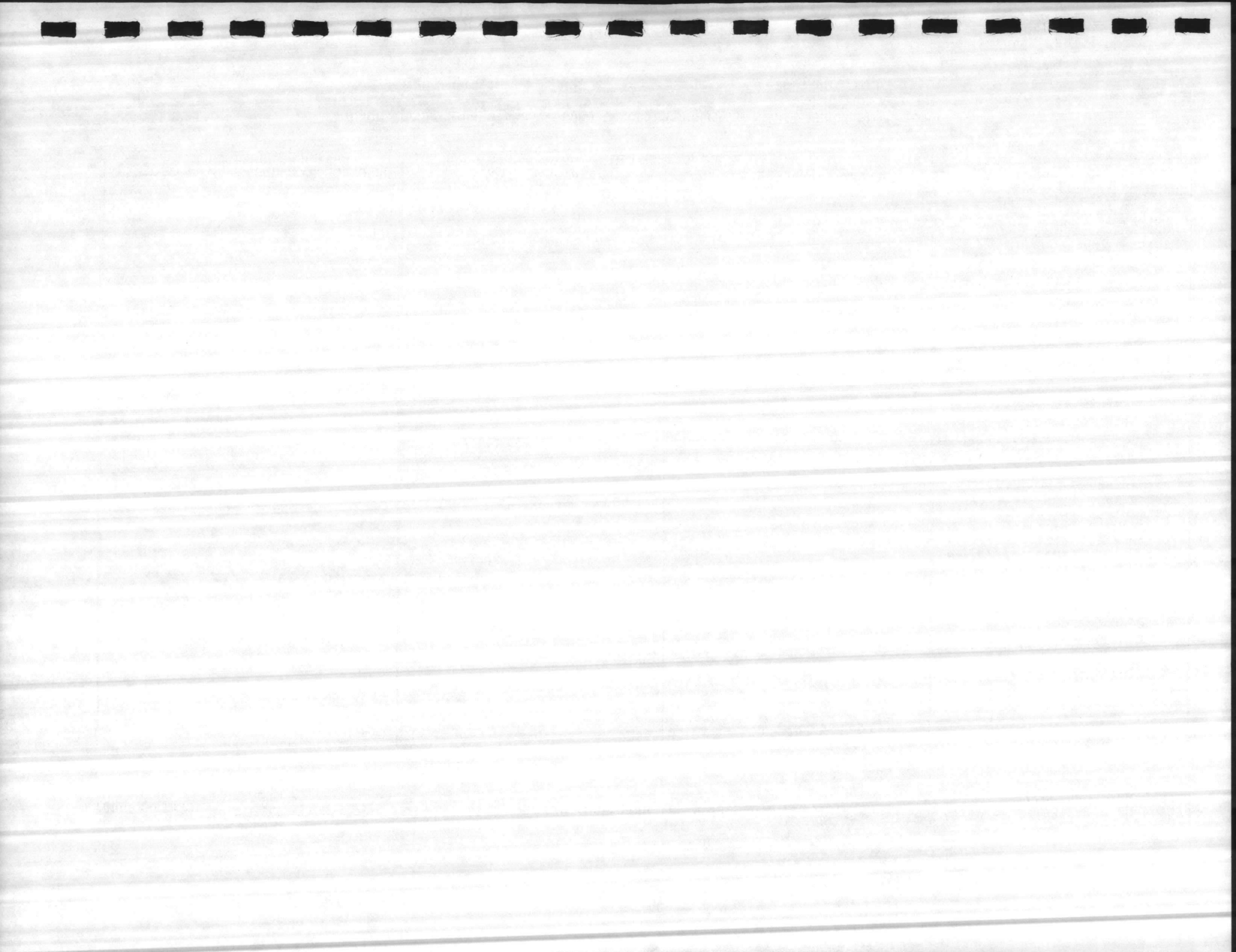
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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	FO, FAC, TAB		
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...	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:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
No. of Batteries.....	Undefined	.....	.....
No. of Crew-Served Wpns...	Undefined	.....	.....
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		

FILE NAME: LP010077

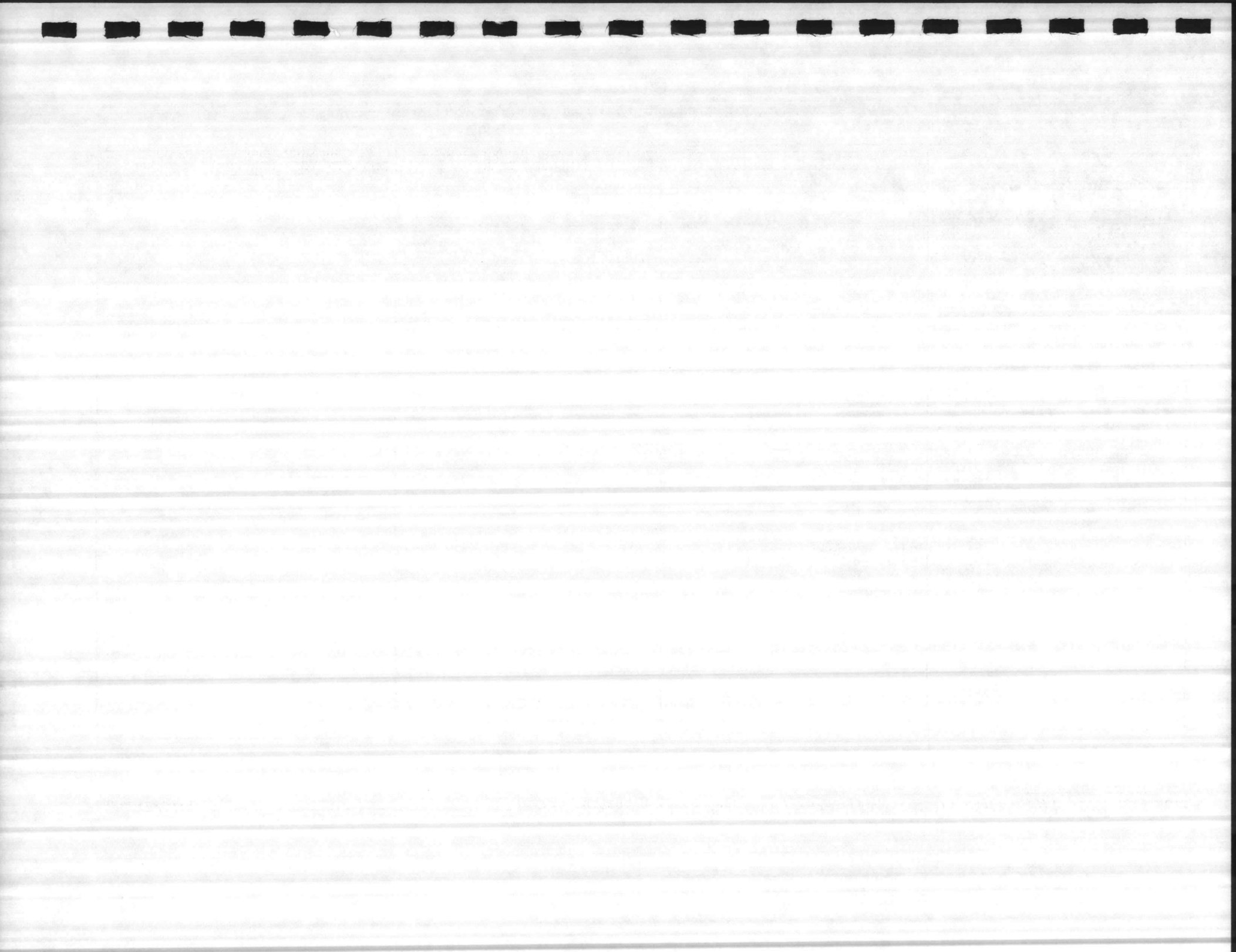
PAGE 4 OF 6

DATE: 03/05/87

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

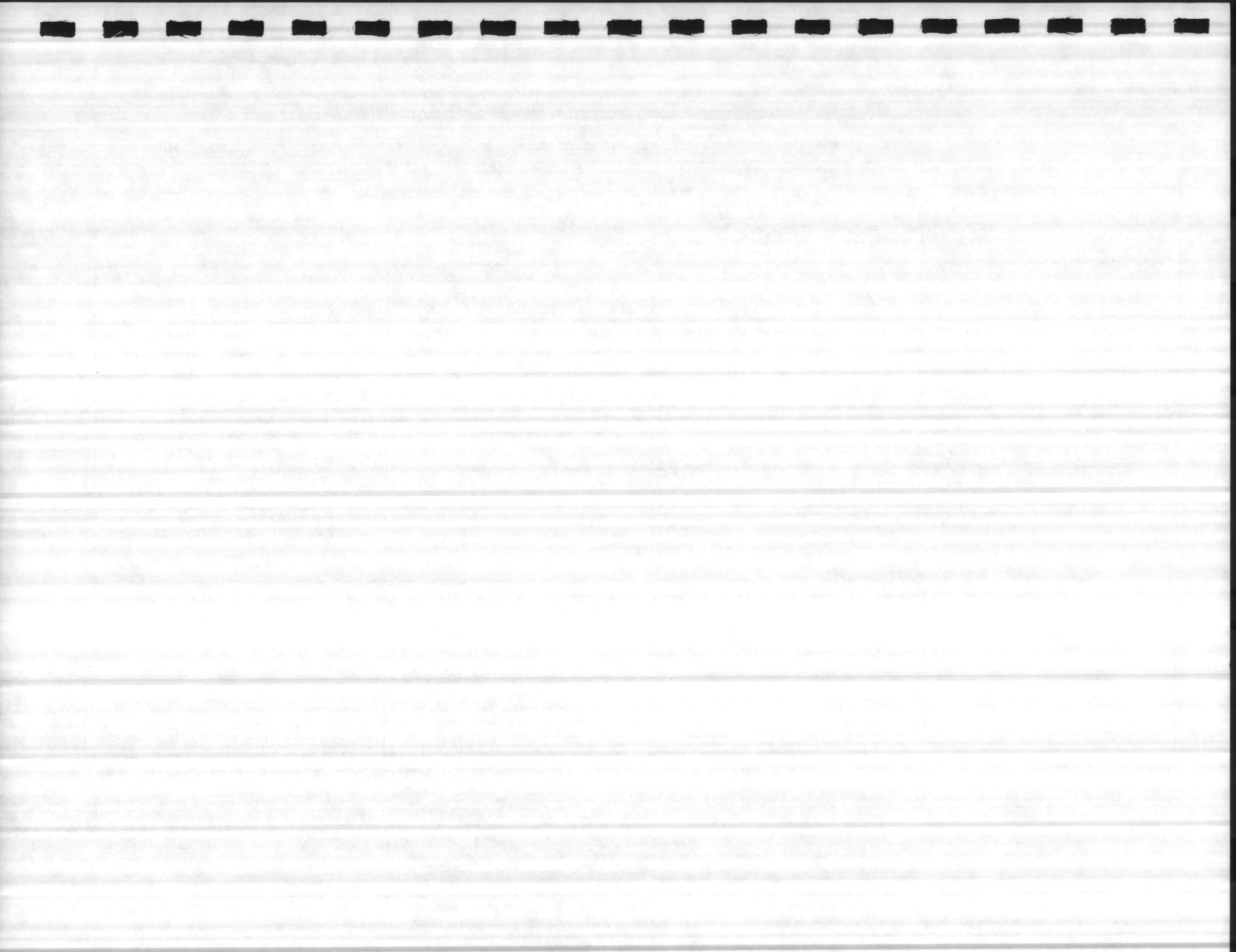
LFRTS-P-0001





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	NA		
Total.....	0	0	0
Maintenance.....	.....	.....	.....
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	Yes Police area after 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)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010077

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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: OP-5, MCB, Camp Lejeune, NC  
 Observation Post

INSTRUCTIONS:

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

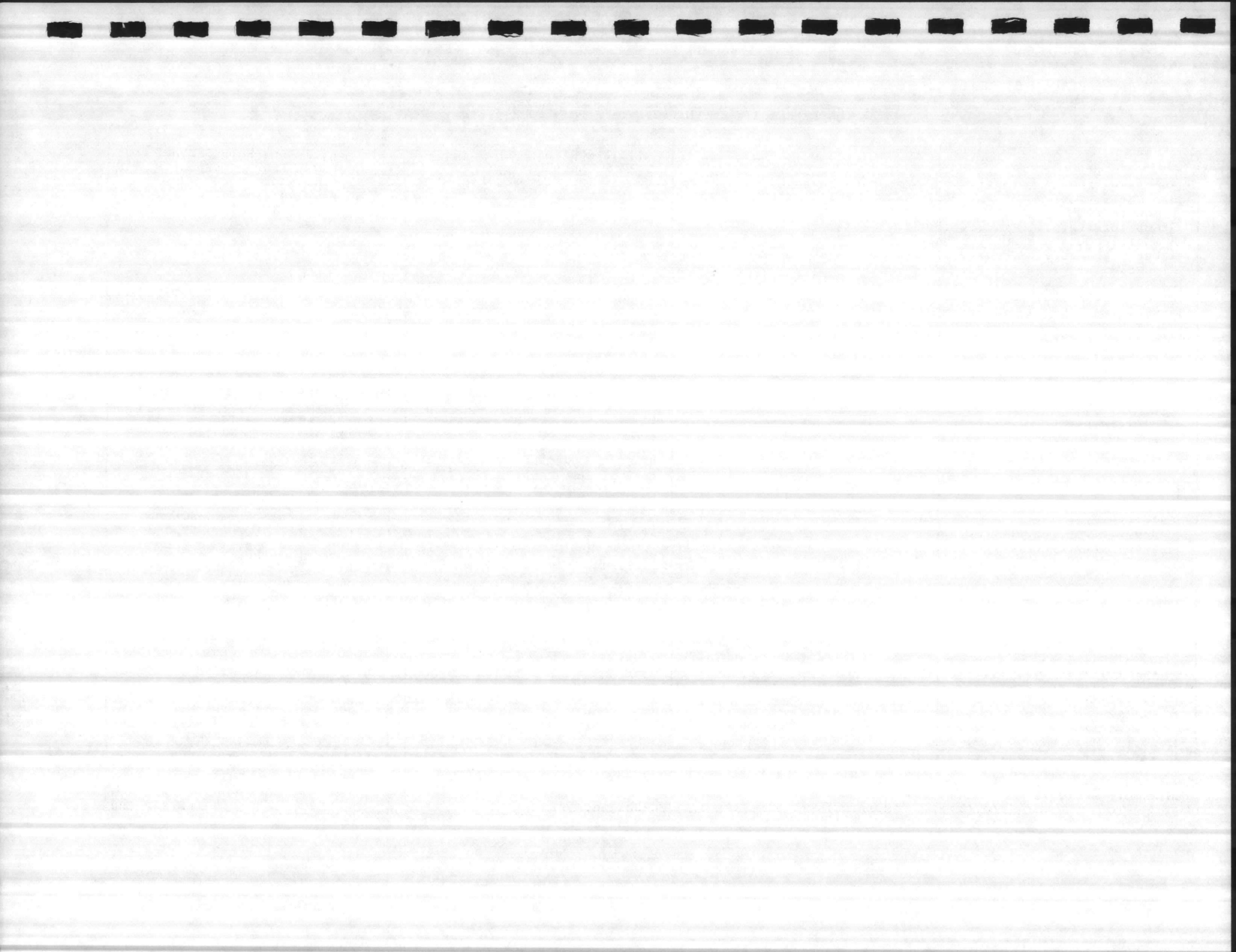
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire			
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP895344		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Undefined		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010078

PAGE 1 OF 6 DATE: 03/05/87

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

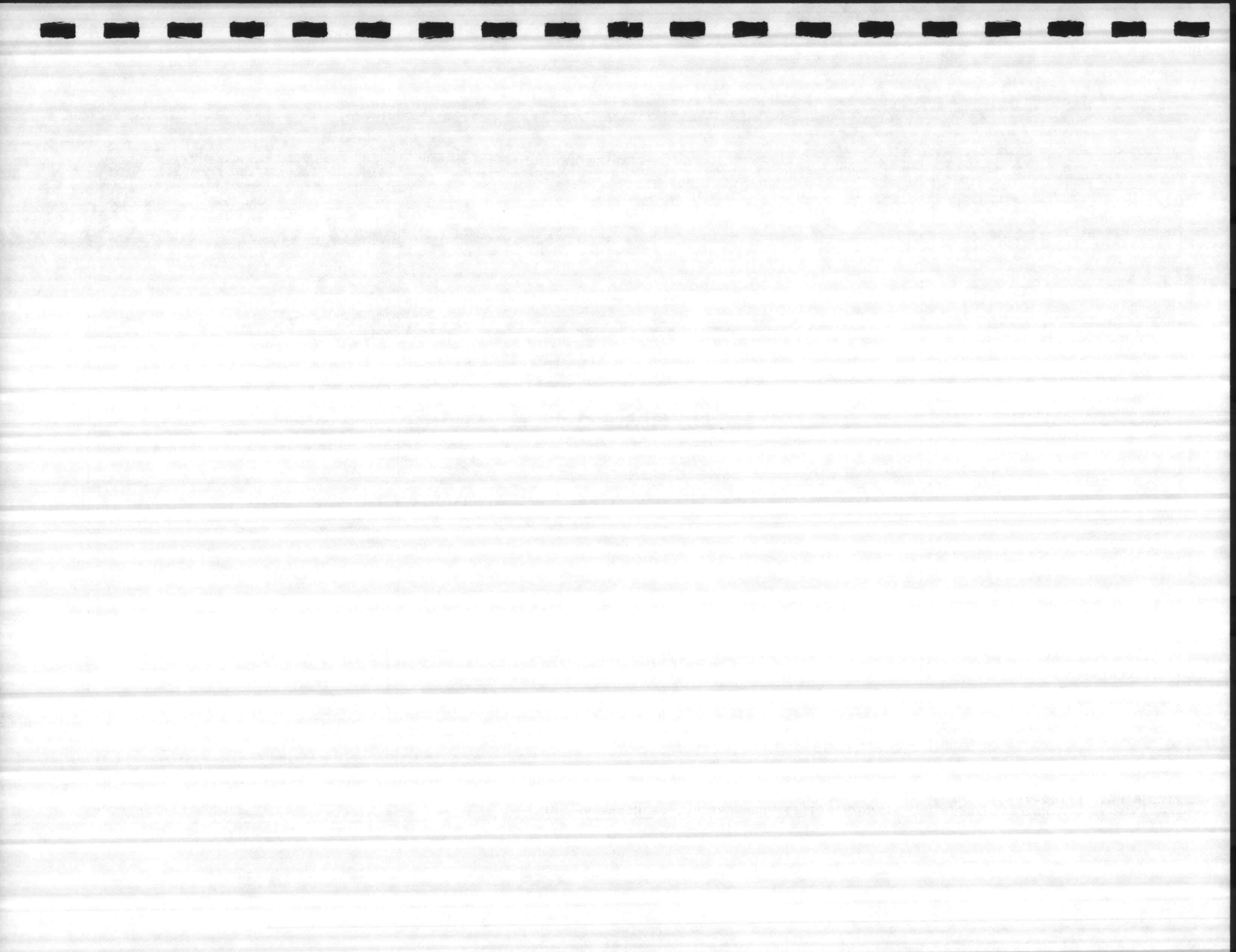
LFRTS-P-0001



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

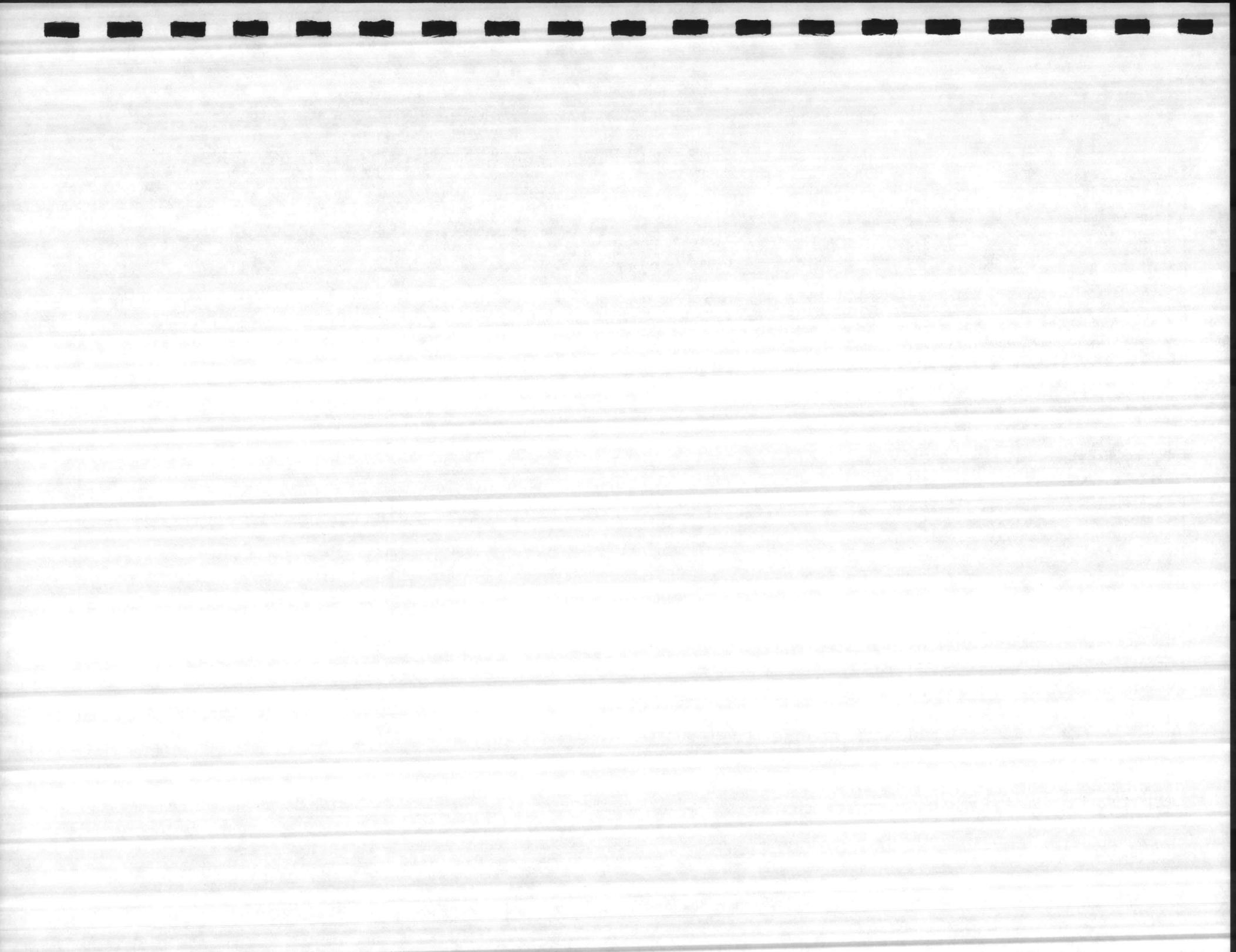
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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	FO, FAC, TAB		
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

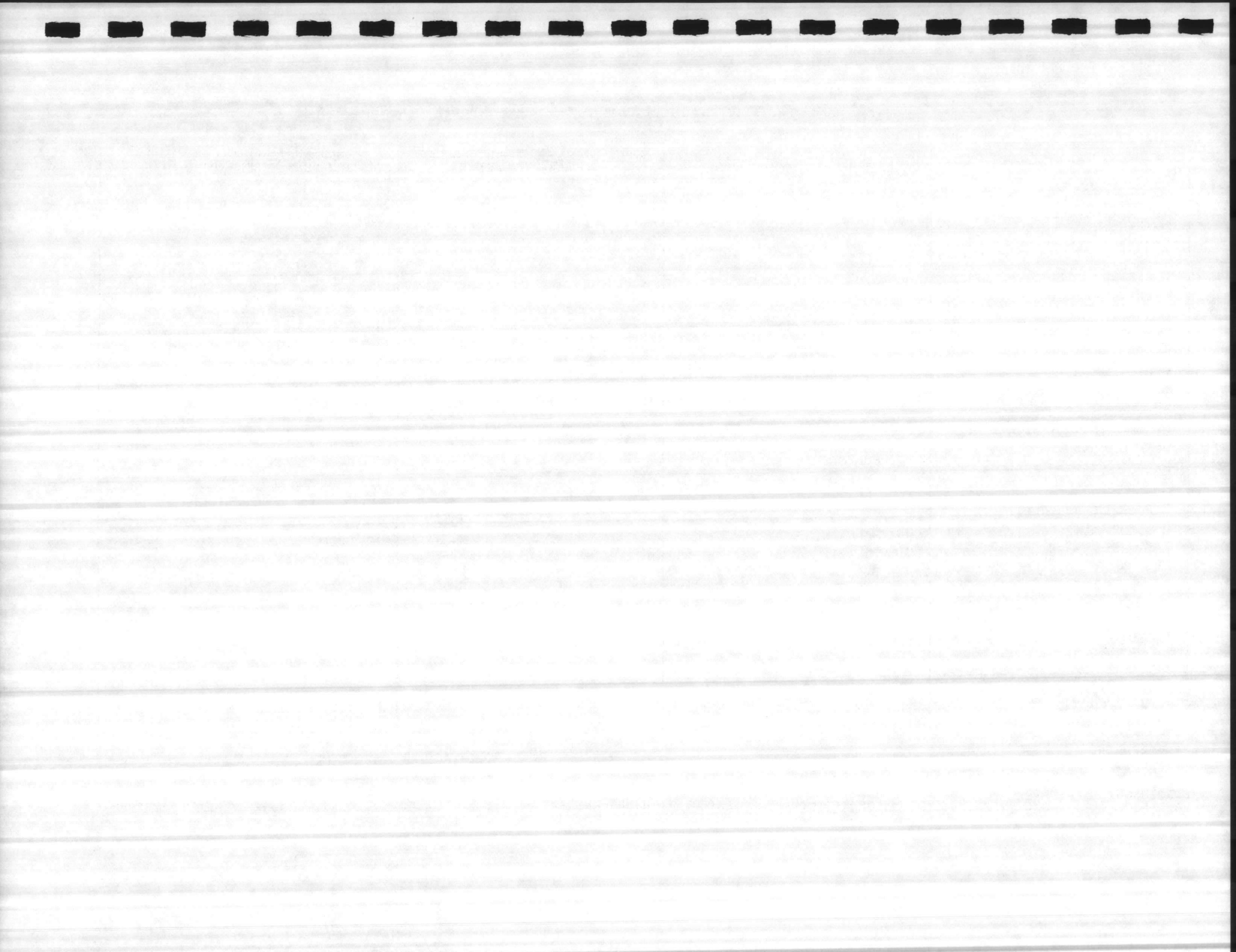




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

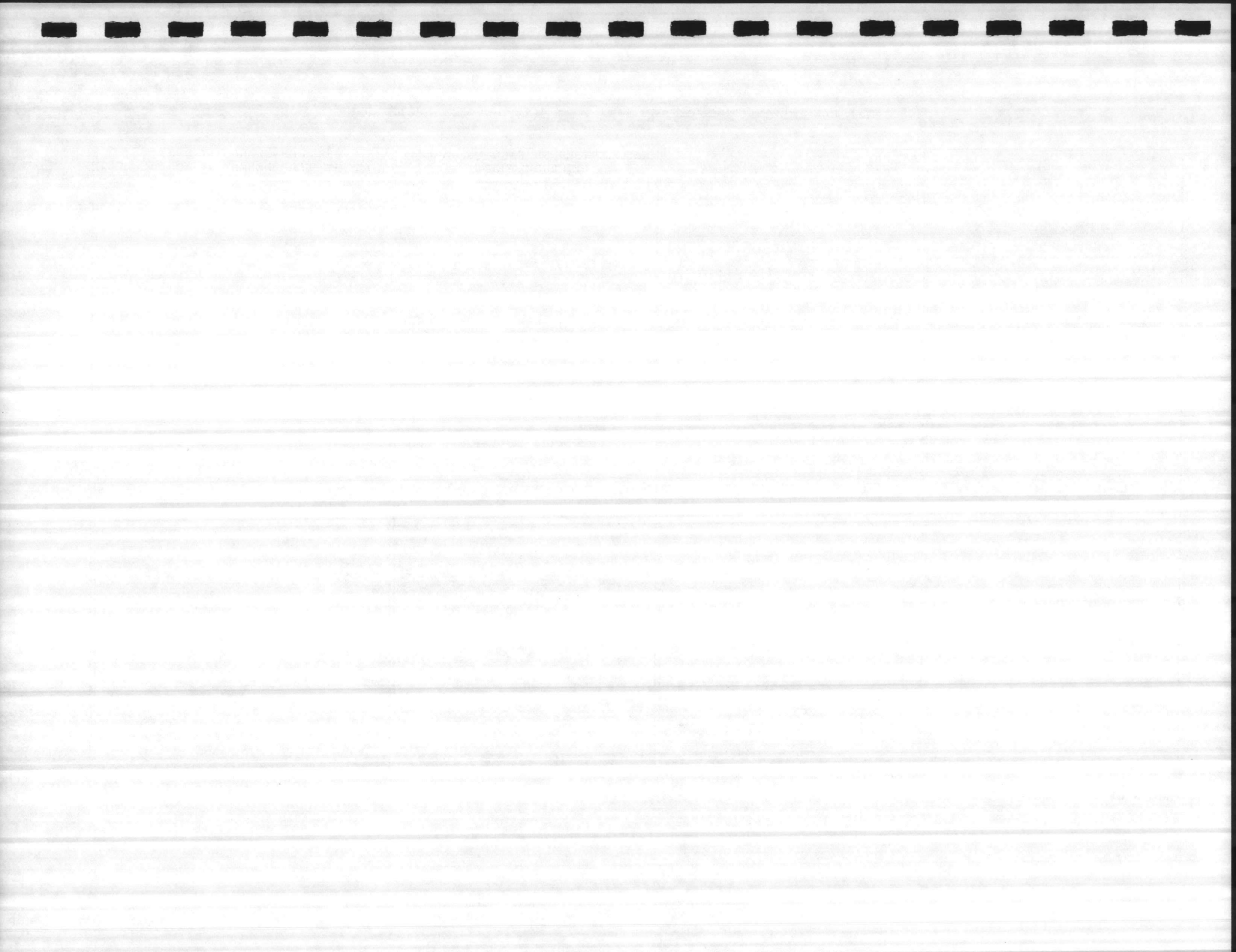
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	100 .....	.....	
Percentage Moderate.....	.....	.....	
Percentage Heavy.....	.....	.....	
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).....	5 .....	.....	
Ammunition (km).....	2000 m .....	.....	
Rations (km).....	5 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined .....	.....	
No. of Batteries.....	Undefined .....	.....	
No. of Crew-Served Wpns...	Undefined .....	.....	
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		
Yes, No			





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

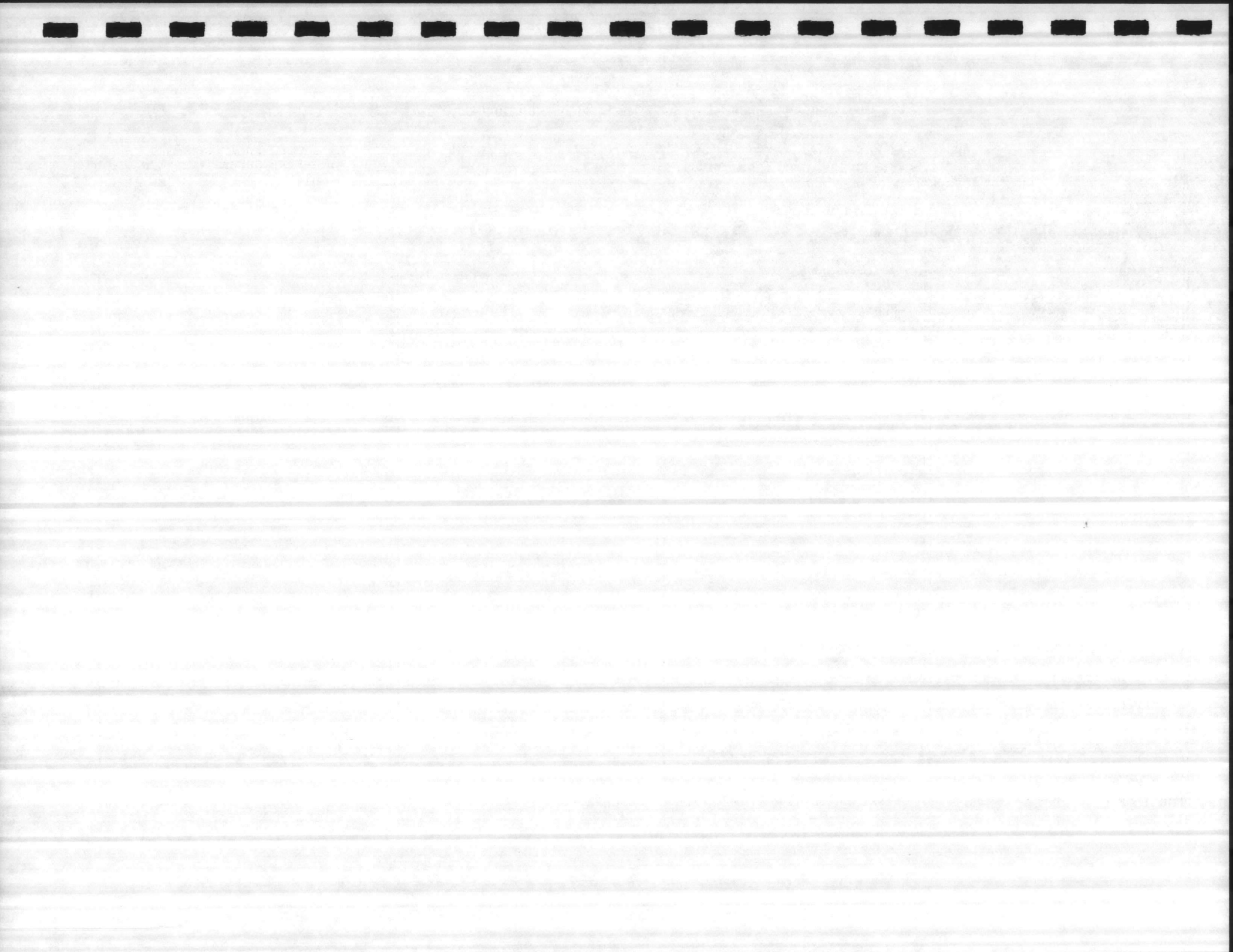
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... 0 ..... 0 .....		
Other Ranges Which Must Be Closed When This Range is in Use	OP-2, OP-3, F-3, GP-7, GP-9, G-6, G-4A, TWSEAS		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	Yes Expanded SDZ for TOW		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Post road guards		



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: OP-3, MCB, Camp Lejeune, NC  
 Observation Post

INSTRUCTIONS:

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

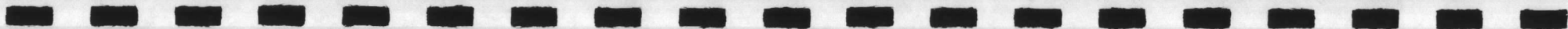
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire			
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP927368		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	Undefined		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X		

FILE NAME: LP010079

PAGE 1 OF 6 DATE: 03/05/87

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

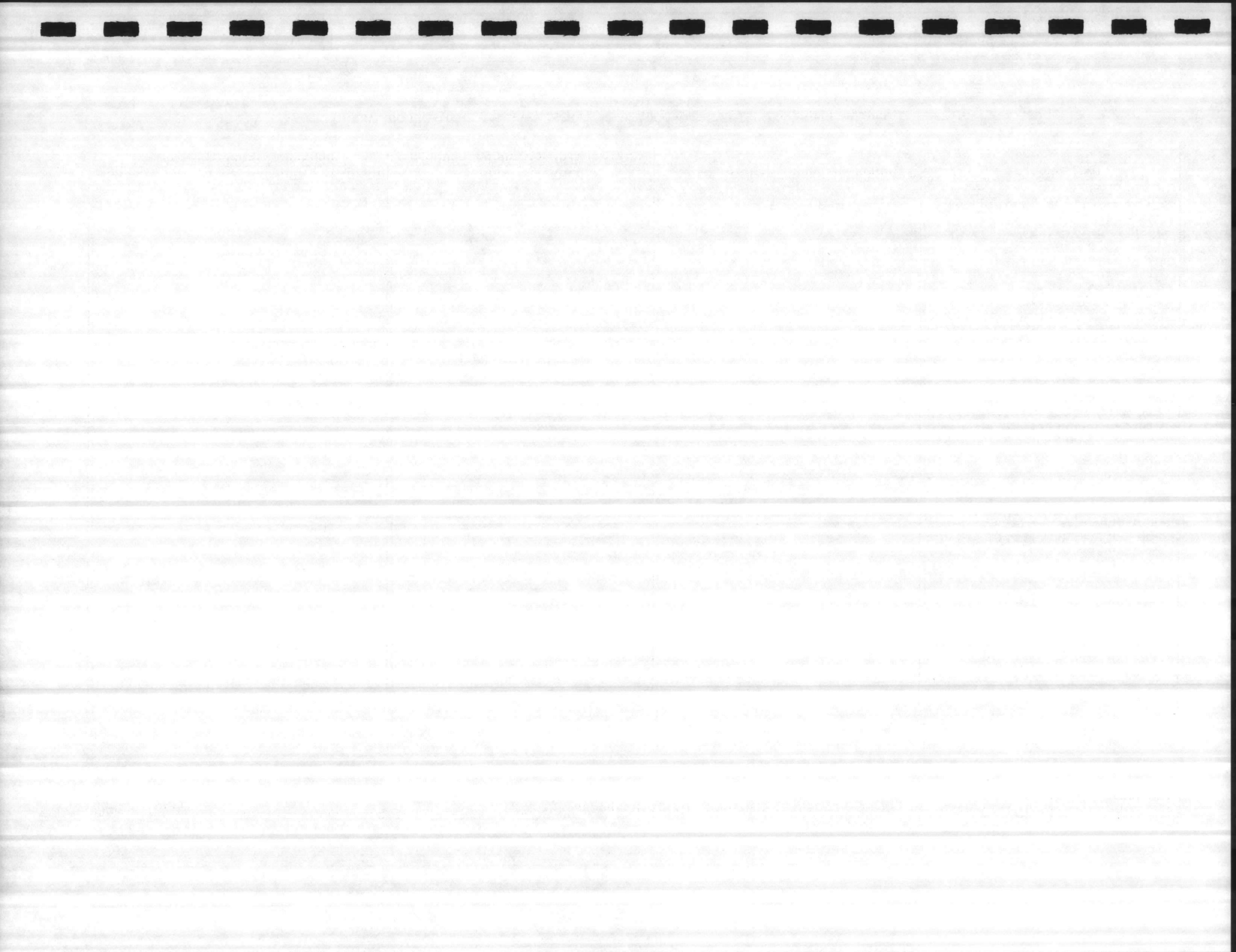
LFRTS-P-0001



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

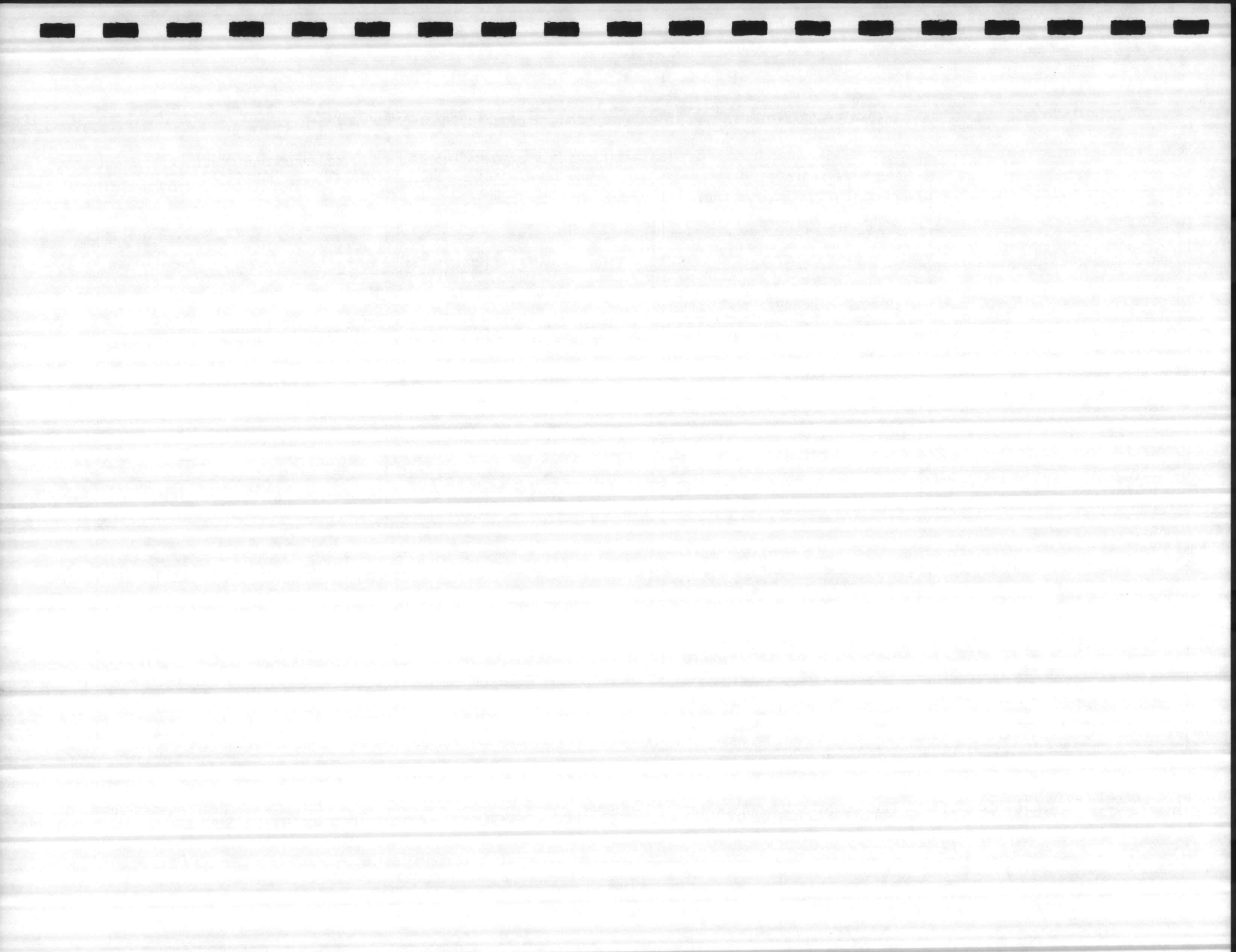
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

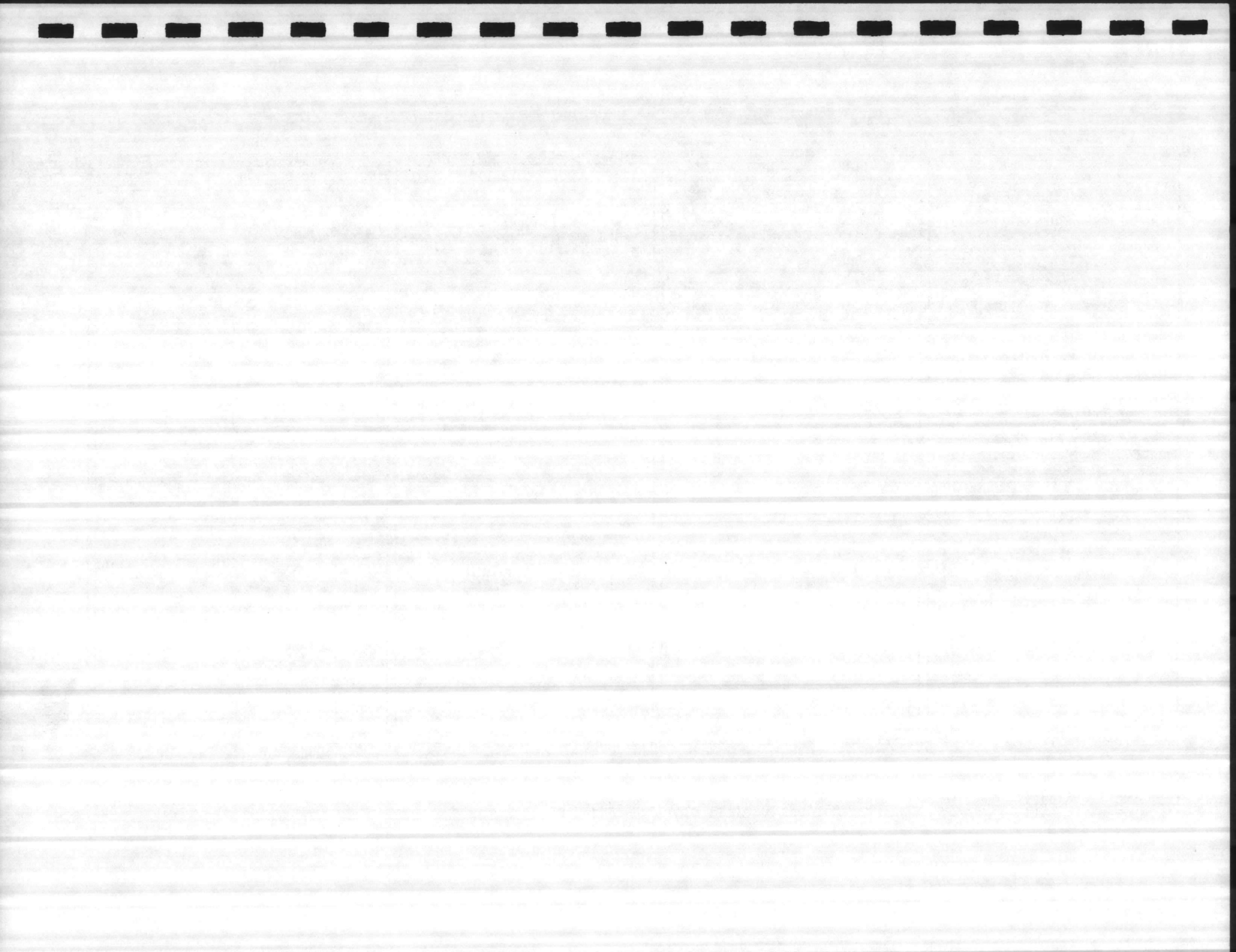
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	FO, FAC, TAB, 60-mm, 81-mm		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	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)

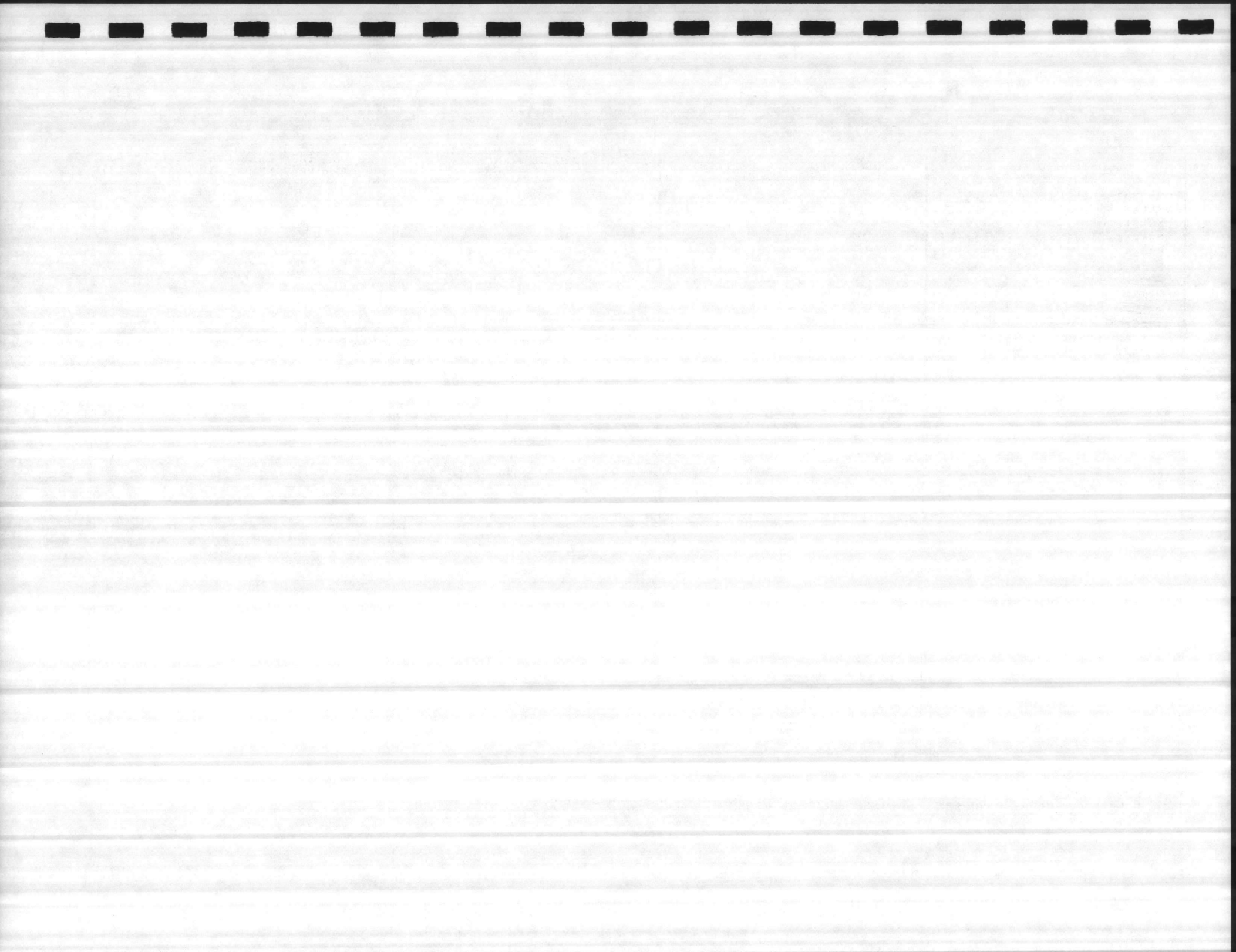
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	100	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....		.....	
Percentage Heavy.....		.....	
Access			
No. of Land 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).....	5	.....	
Ammunition (km).....	7	.....	
Rations (km).....	5	.....	
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...	8	.....	
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		
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	NA		
Total.....	0	0	0
Maintenance.....	.....	.....	
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	Yes Police area after 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)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....			

FILE NAME: LP010079

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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: OP-2, MCB, Camp Lejeune, NC  
 Observation Post

INSTRUCTIONS:

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

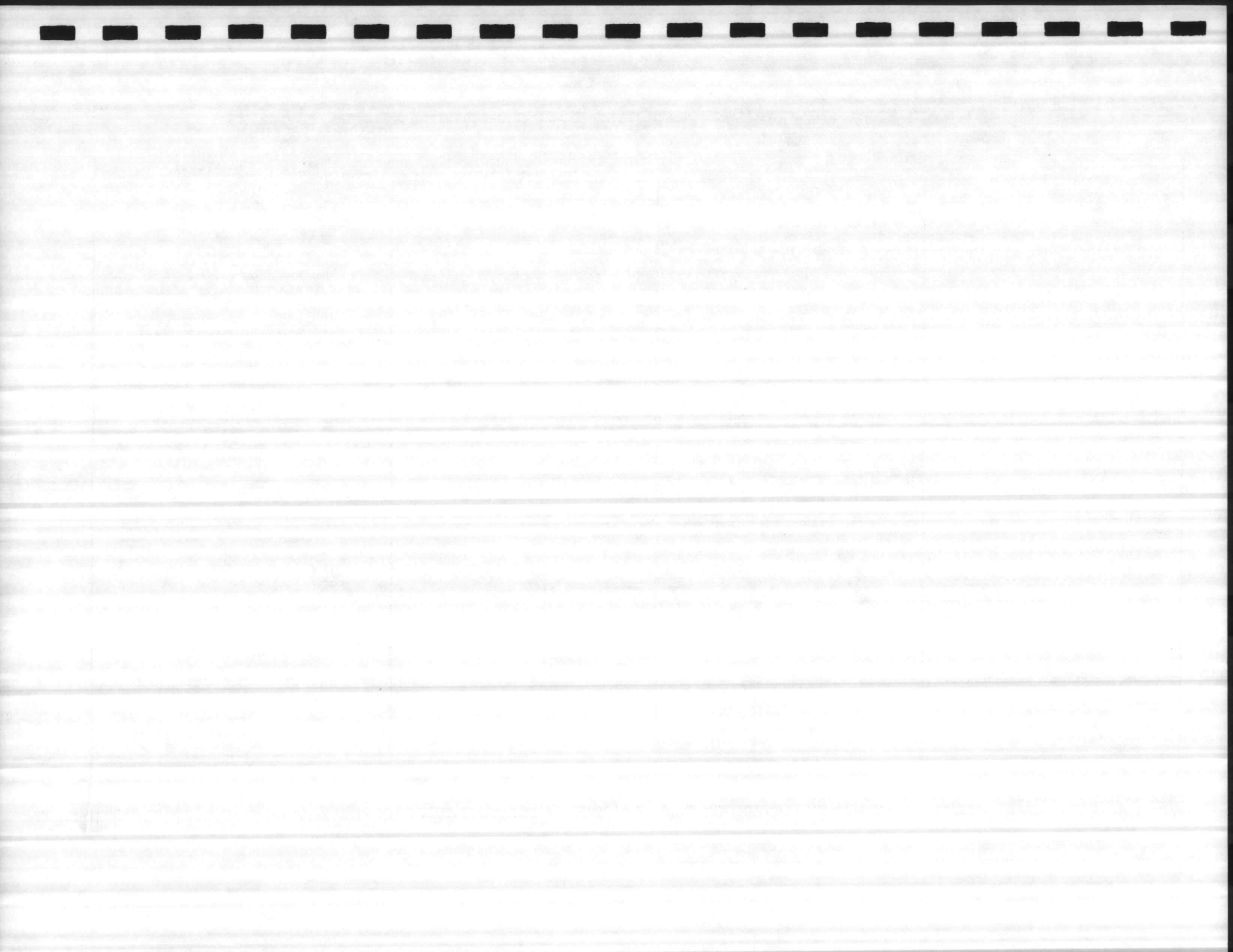
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire			
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP914373		
Safety Buffer Rear (km)..... Sides (km)..... Altitude (ft).....	NA		
Number of Firing Points/ Stations	Undefined		
Range Facilities Control Tower..... Communications System..... Target Shed..... Utility Building..... Aid Station..... Parking Area..... Viewing Area.....	X X X X X X X		

FILE NAME: LP010080

PAGE 1 OF 6 DATE: 03/05/87

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

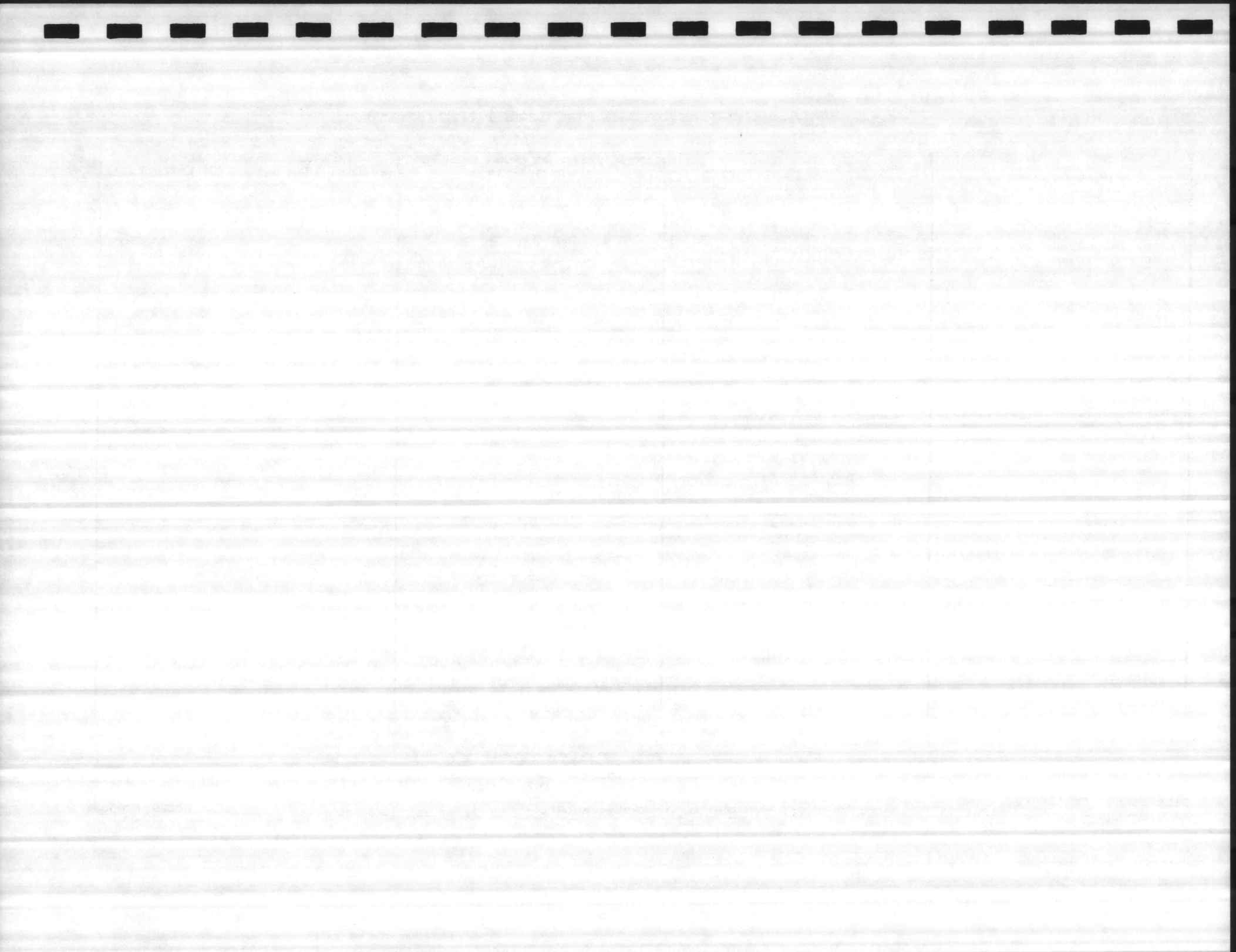
LFRTS-P-0001



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

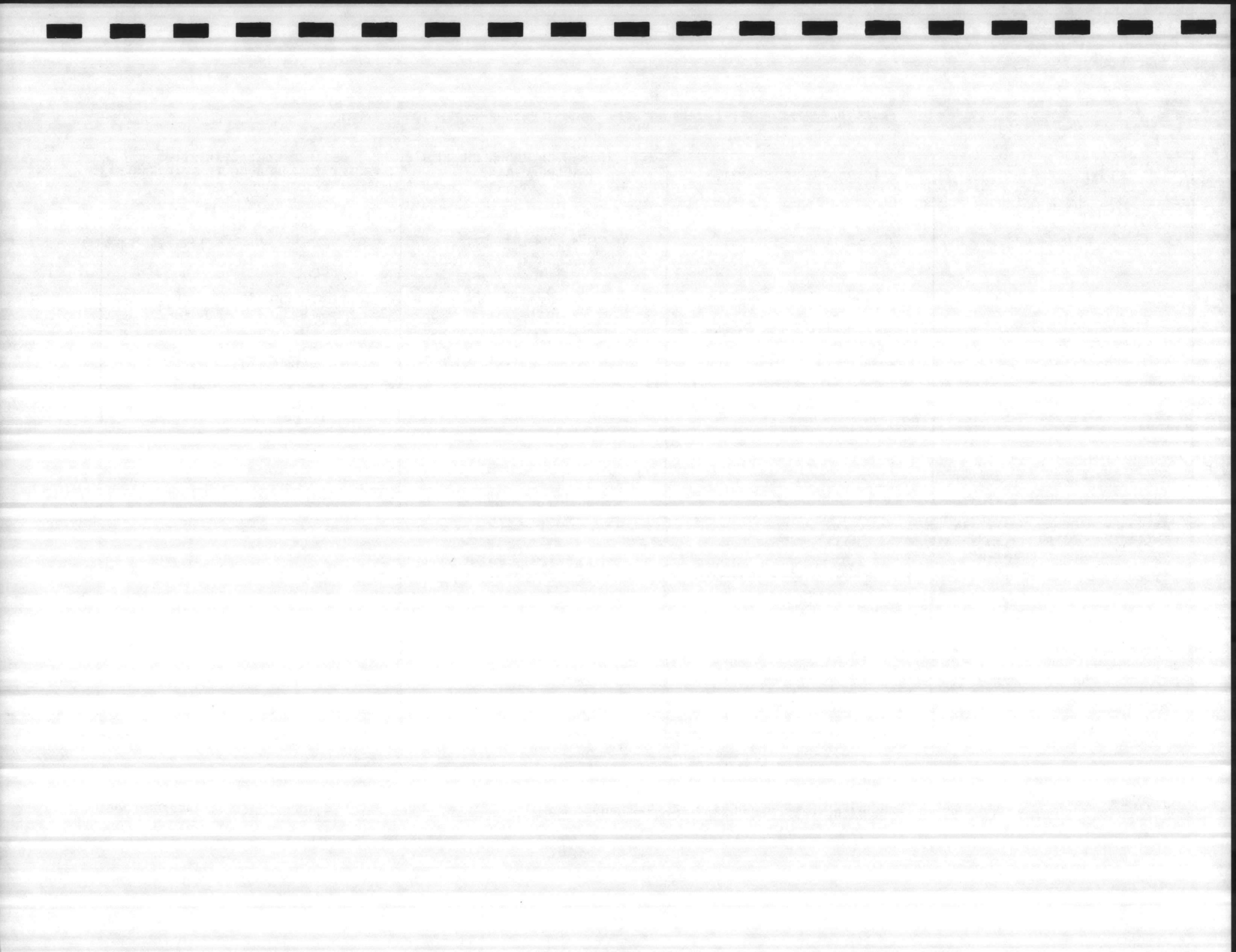
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... X Ammunition Bunker..... Water System..... Electrical System..... X Classroom..... Bivouac 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	NA		





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

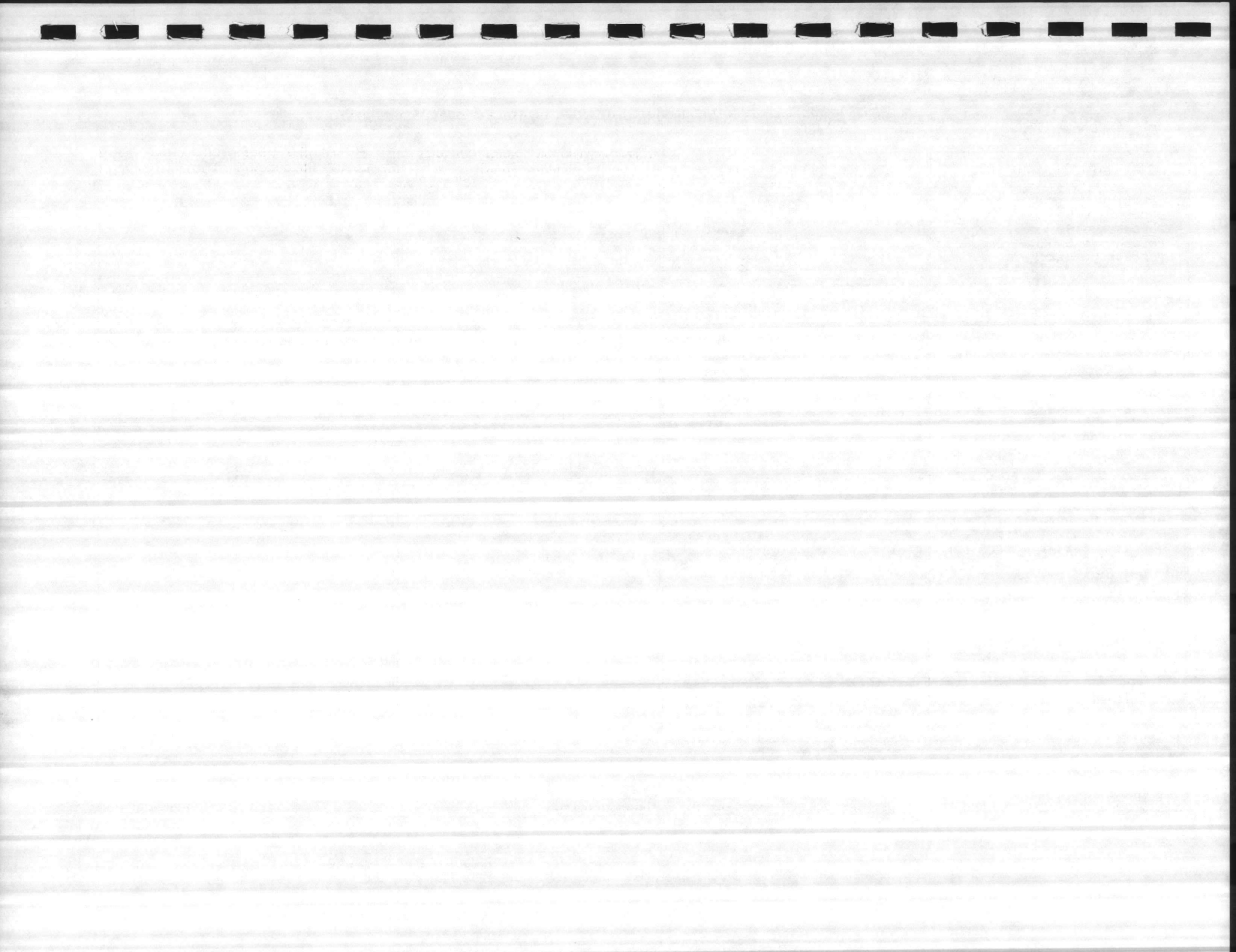
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	FO, FAC, TAB, 60-mm, 81-mm		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... 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)

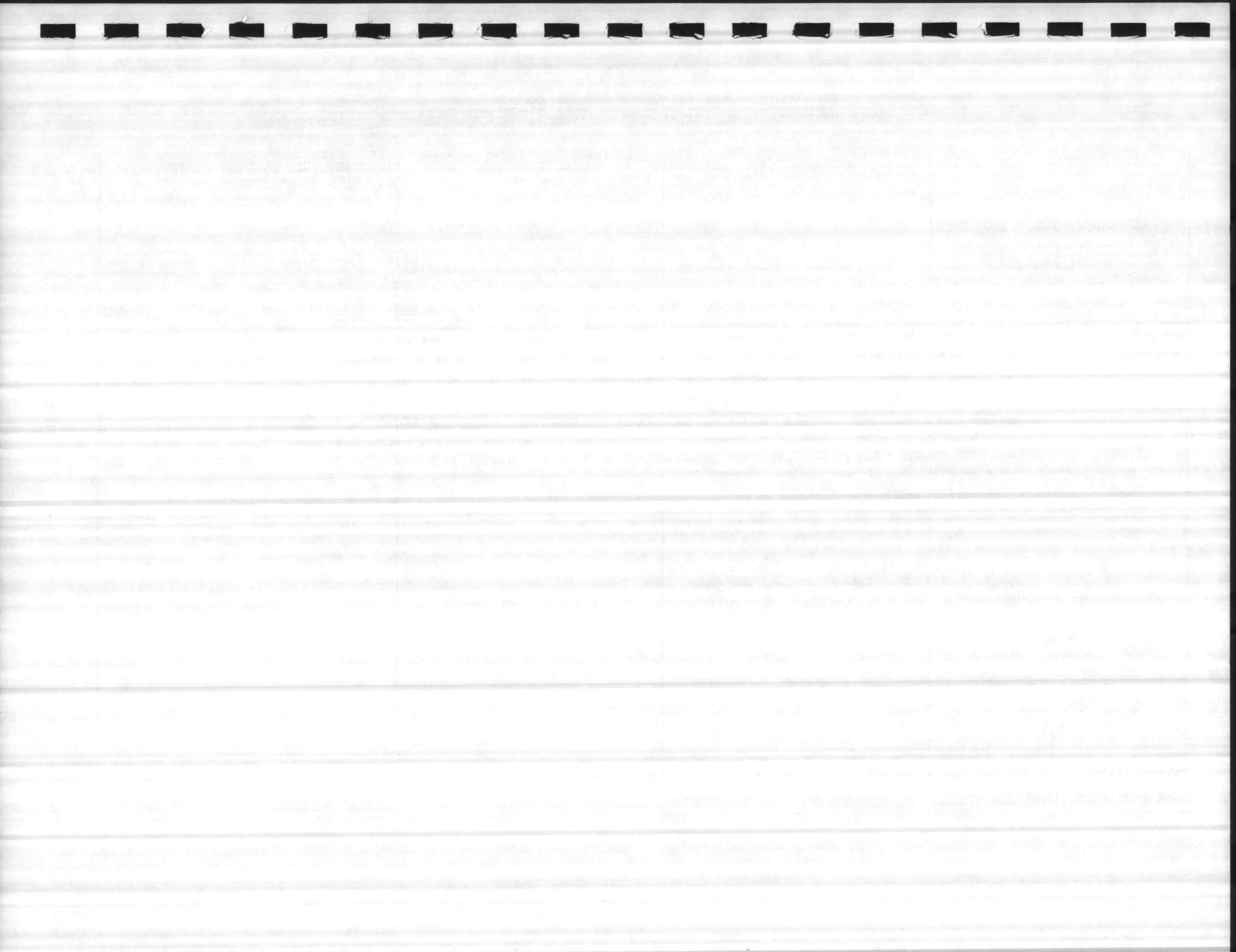
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	100	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....		.....	.....
Percentage Heavy.....		.....	.....
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).....	4	.....	.....
Ammunition (km).....	6	.....	.....
Rations (km).....	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...	8	.....	.....
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		
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 ..... 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 Command and control center for RCDO		
Are There Site-unique Re- quirements Placed on Using Units? Yes, No, Explain	Yes Police area after 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)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....	NA		

FILE NAME: LP010080

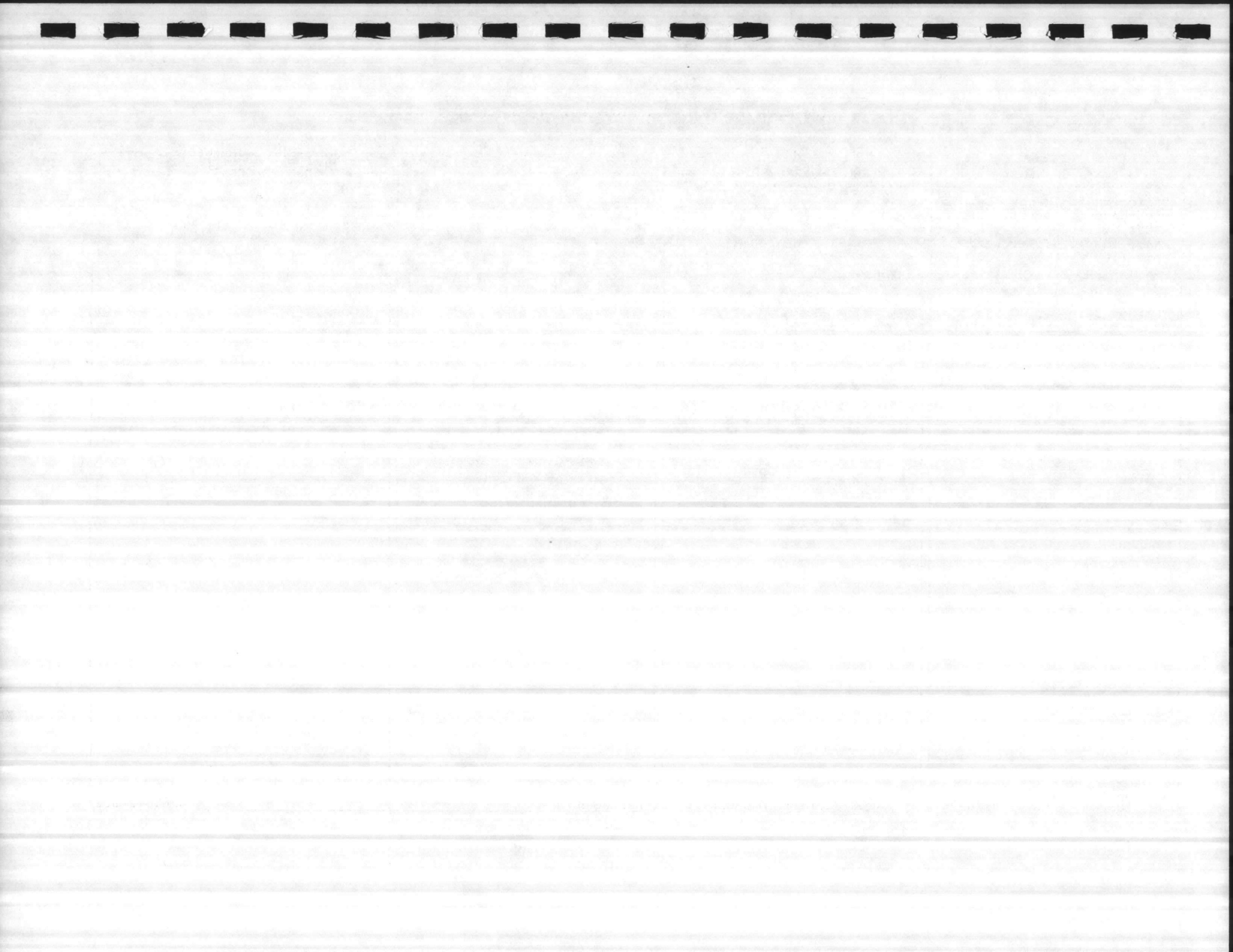
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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: OP-1, MCB, Camp Lejeune, NC  
 Observation Post

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

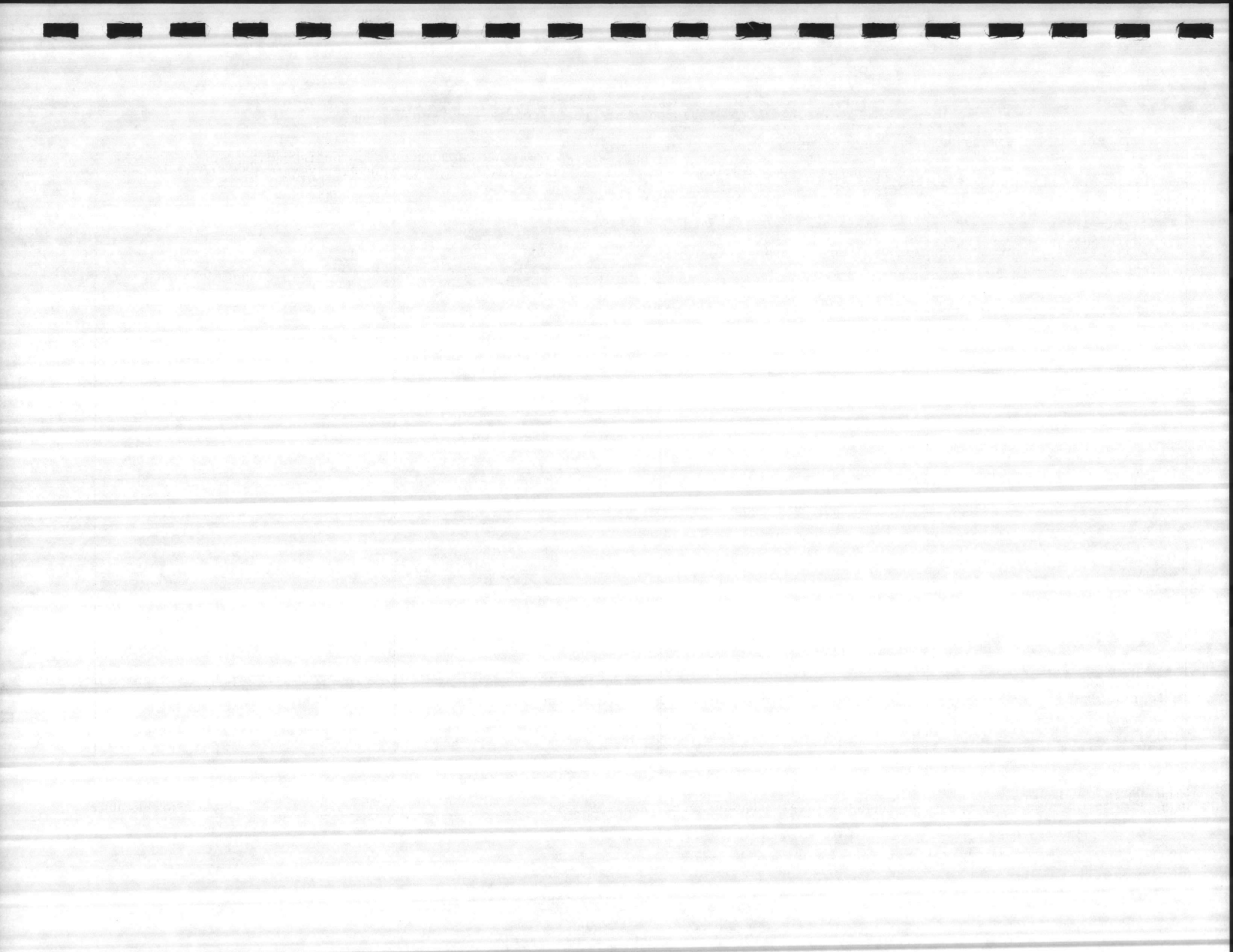
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR *KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	Undefined		
Primary Direction of Fire			
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP904375		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	Undefined		
Range Facilities			
Control Tower.....	X		
Communications System.....	X		
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....	X		

FILE NAME: LP010081

PAGE 1 OF 6 DATE: 03/05/87

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

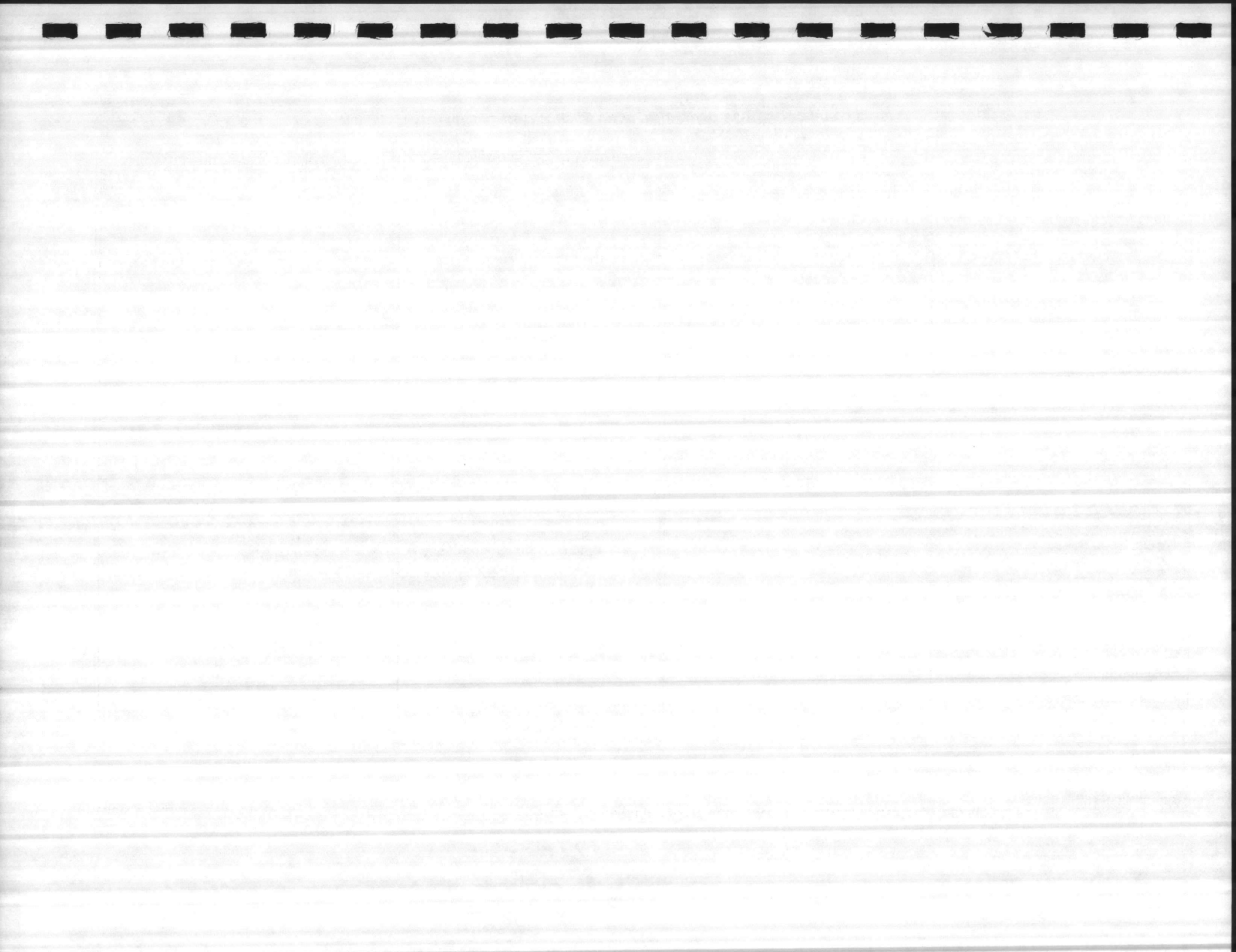
LFRTS-P-0001



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

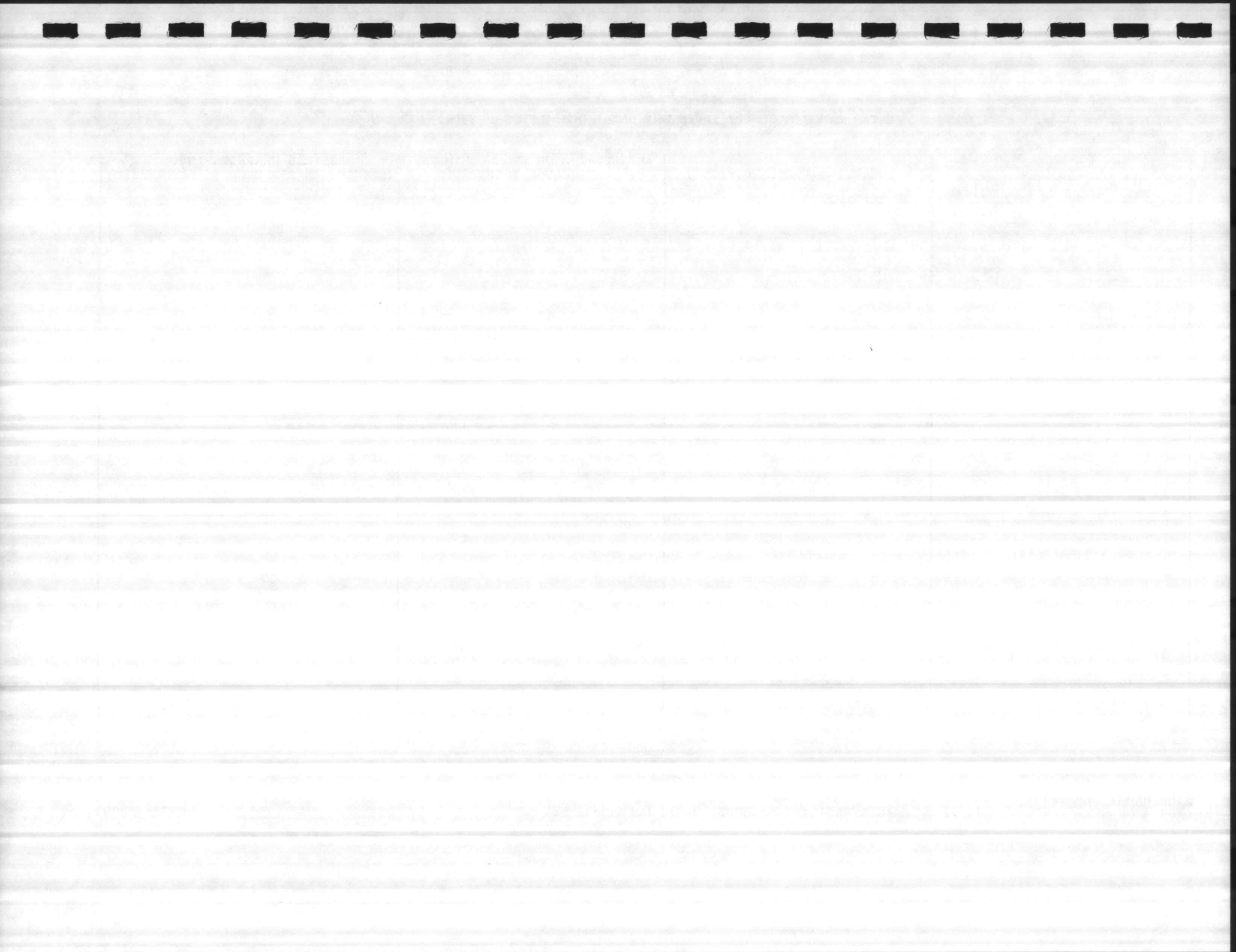
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

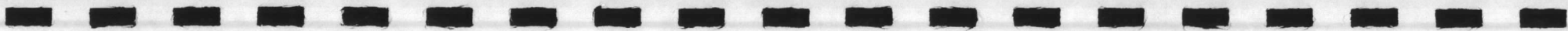
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	FO, FAC, TAB		
Climate Seasonal..... Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....	X	NOT 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)

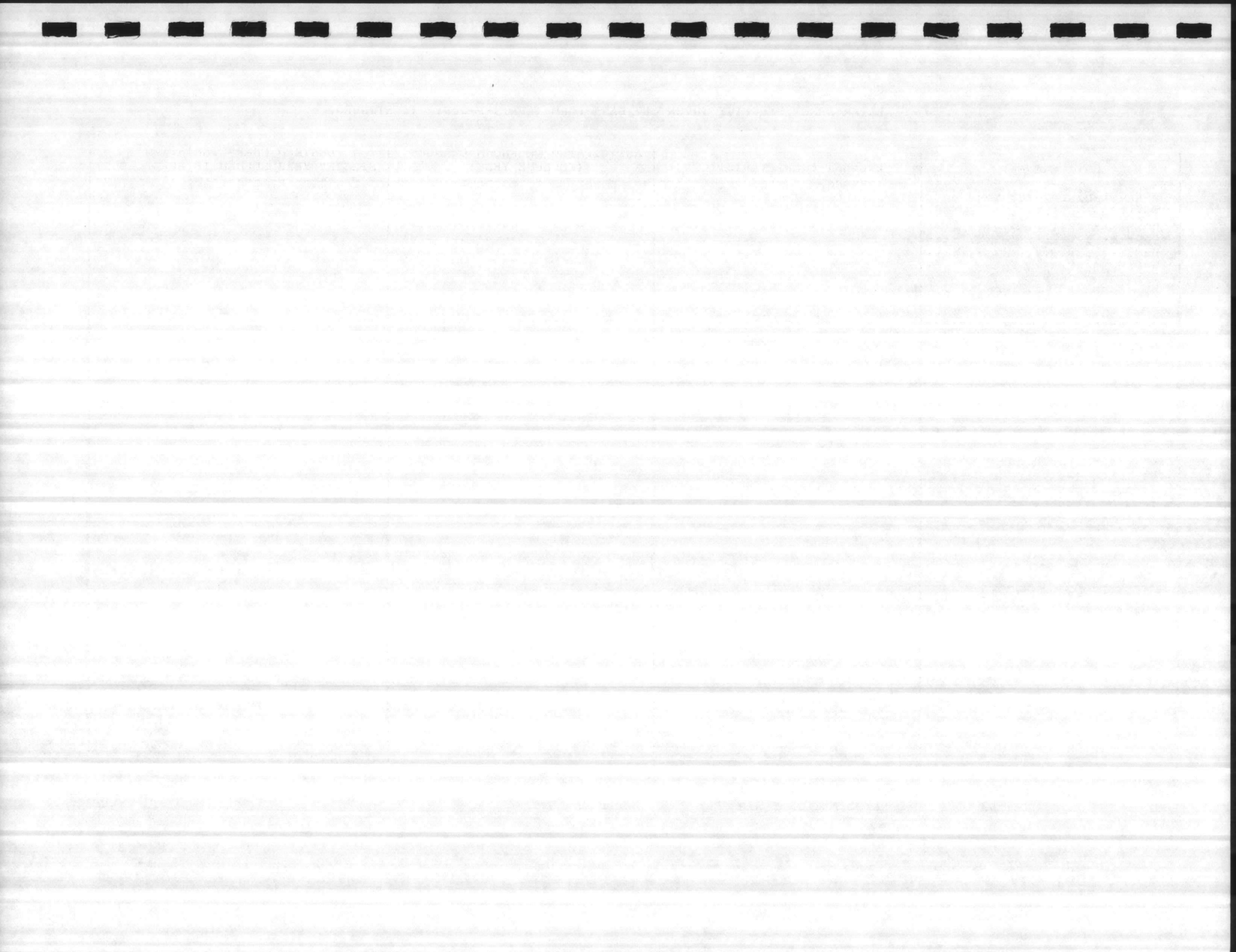
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	100	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....		.....	
Percentage Heavy.....		.....	
Access			
No. of Land 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).....	3	.....	
Ammunition (km).....	5	.....	
Rations (km).....	3	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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)

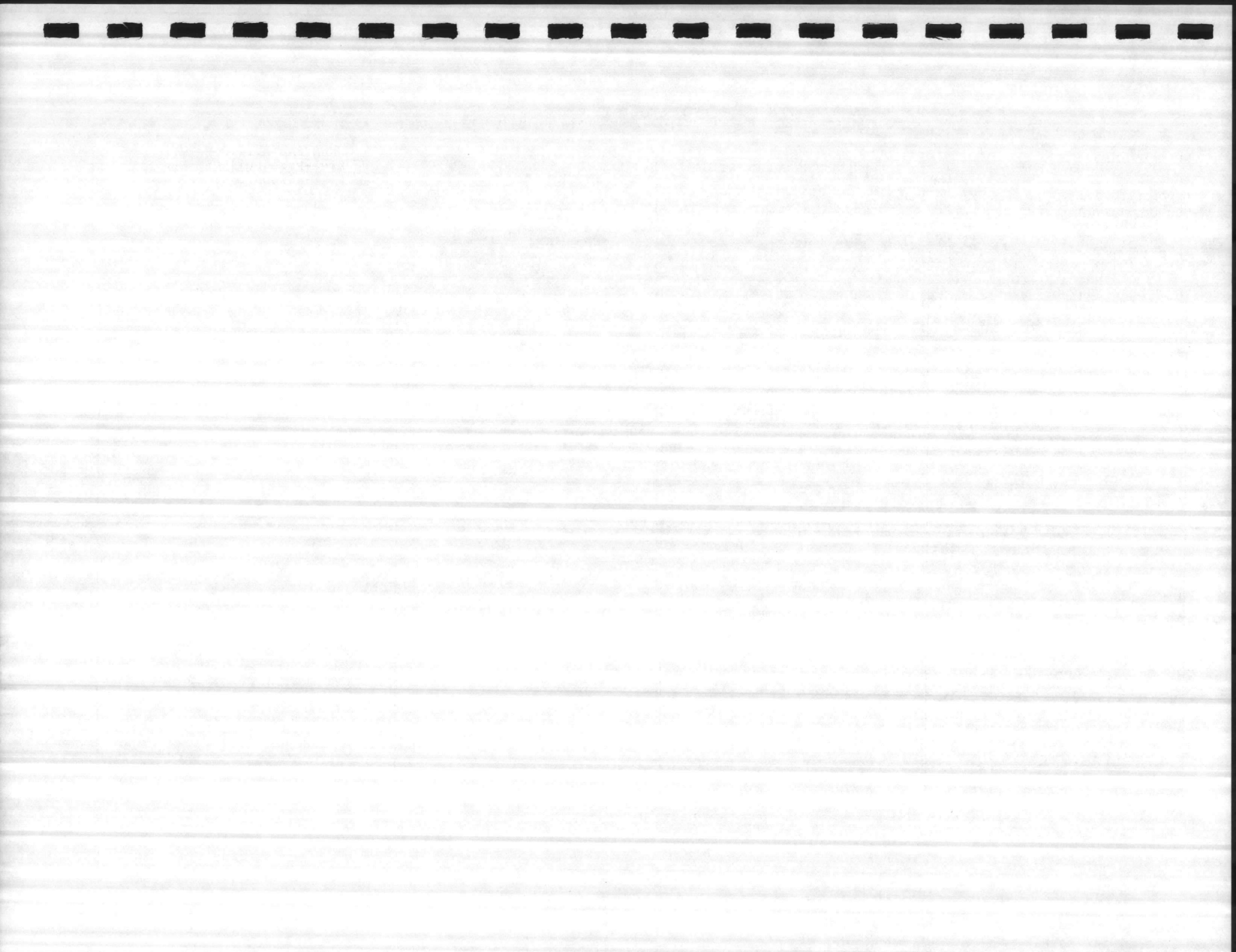
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	NA 0 ..... 0 ..... ..... ..... ..... ..... .....	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	Yes Police area after 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)
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: GP-1, MCB, Camp Lejeune, NC

Gun Position

INSTRUCTIONS:

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

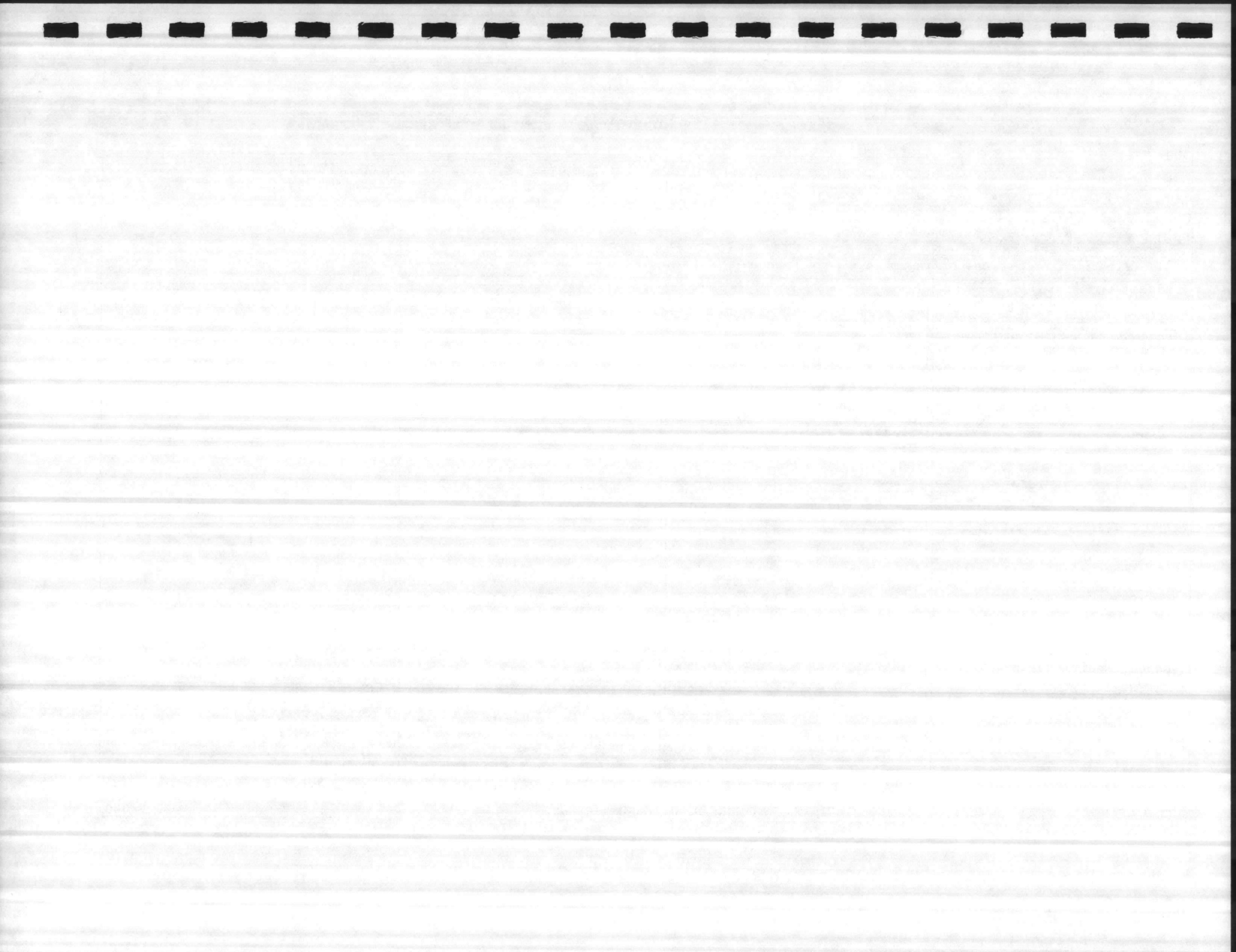
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	75 X 150 yds		
Primary Direction of Fire	3000 MILS/170 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP91194107		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010082

PAGE 1 OF 6 DATE: 03/05/87

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

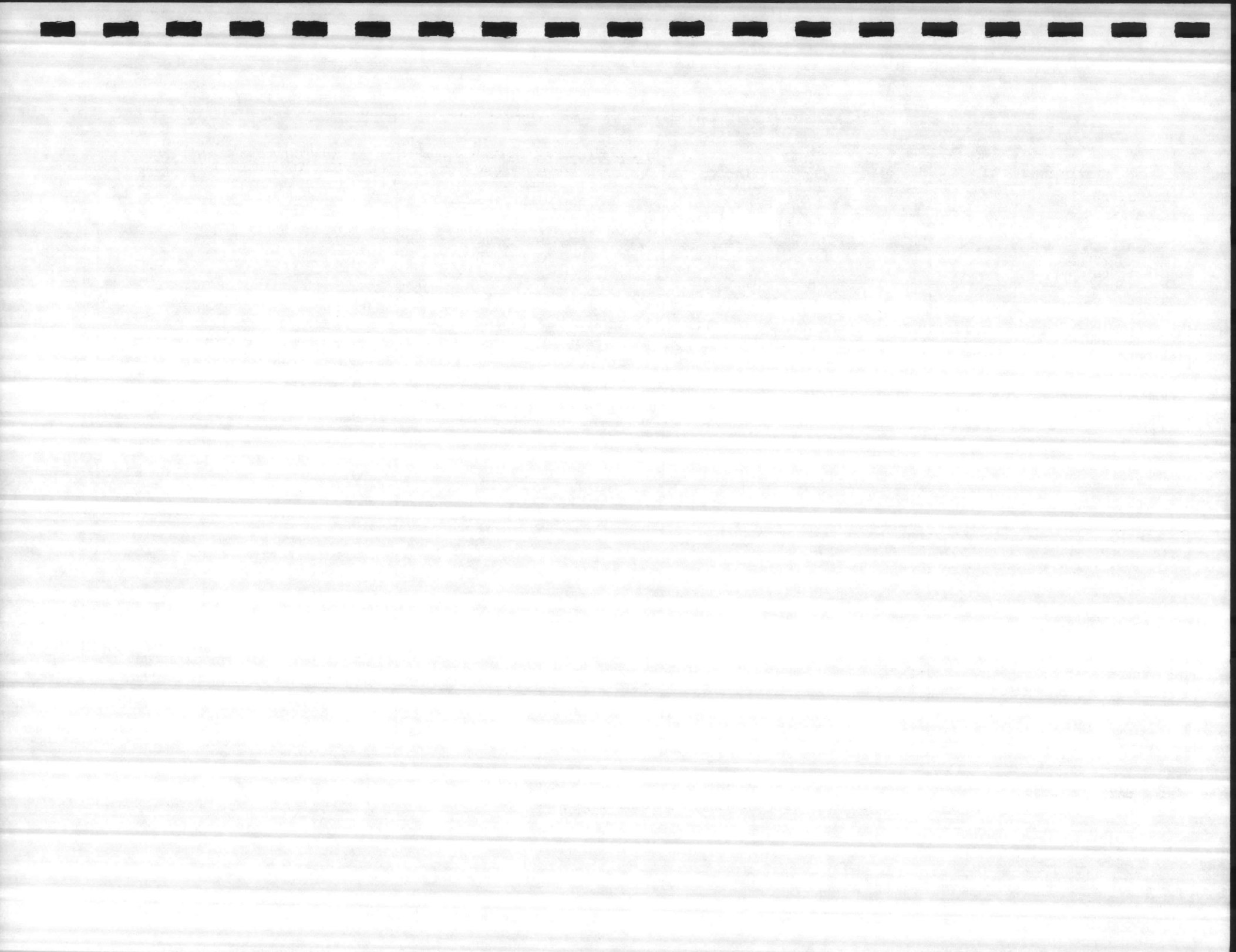
LFRTS-P-0001



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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 5 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 95 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

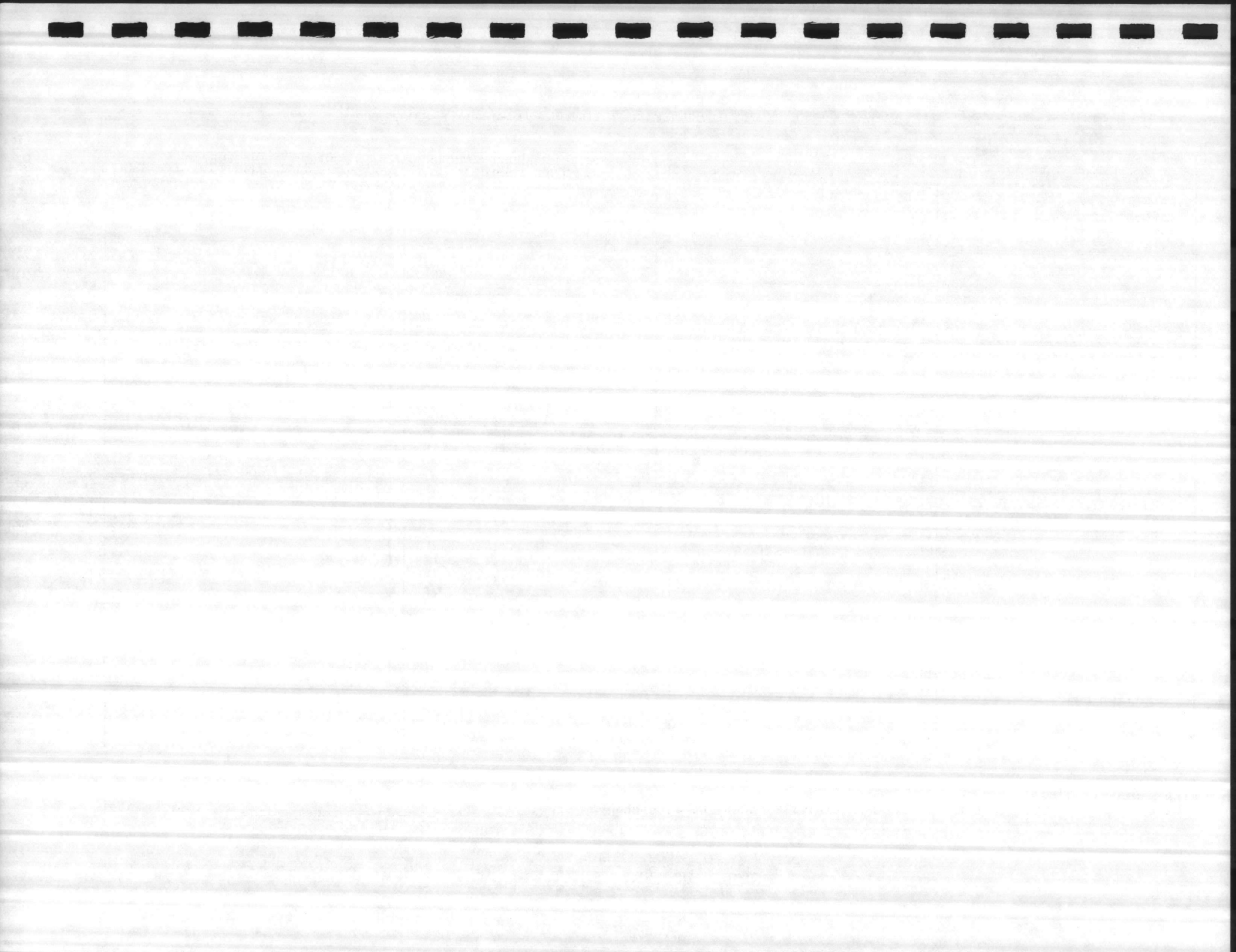
FILE NAME: LP010082

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DATE: 03/05/87

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

LFRTS-P-0001

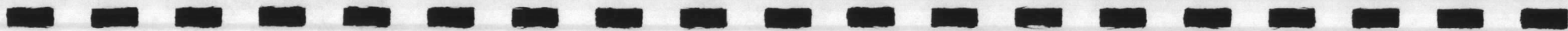




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

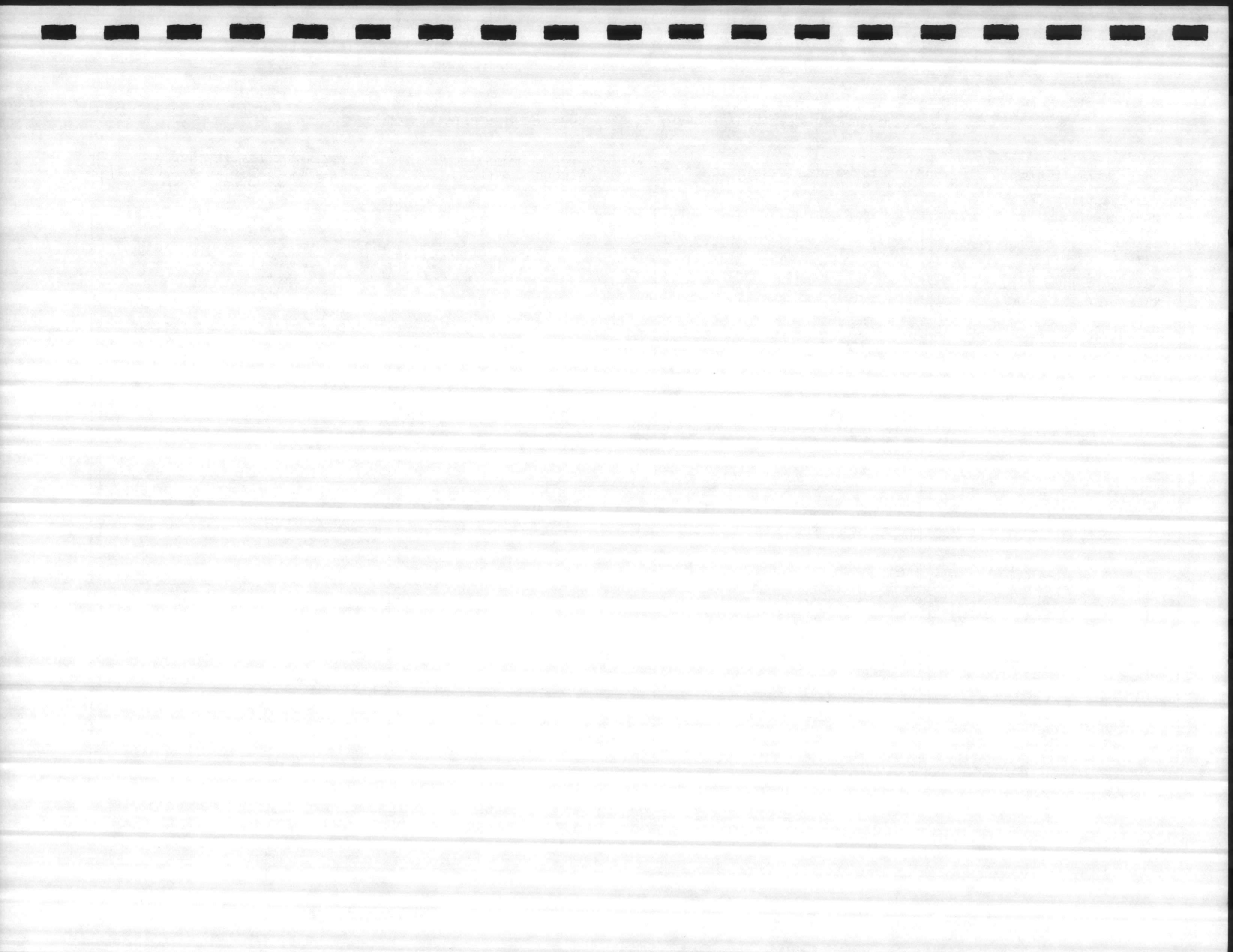
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	2		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	5 7 5		
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	355		
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..... 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	F-2, F-4, 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 (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 Safety Block off certain roads		

FILE NAME: LP010082

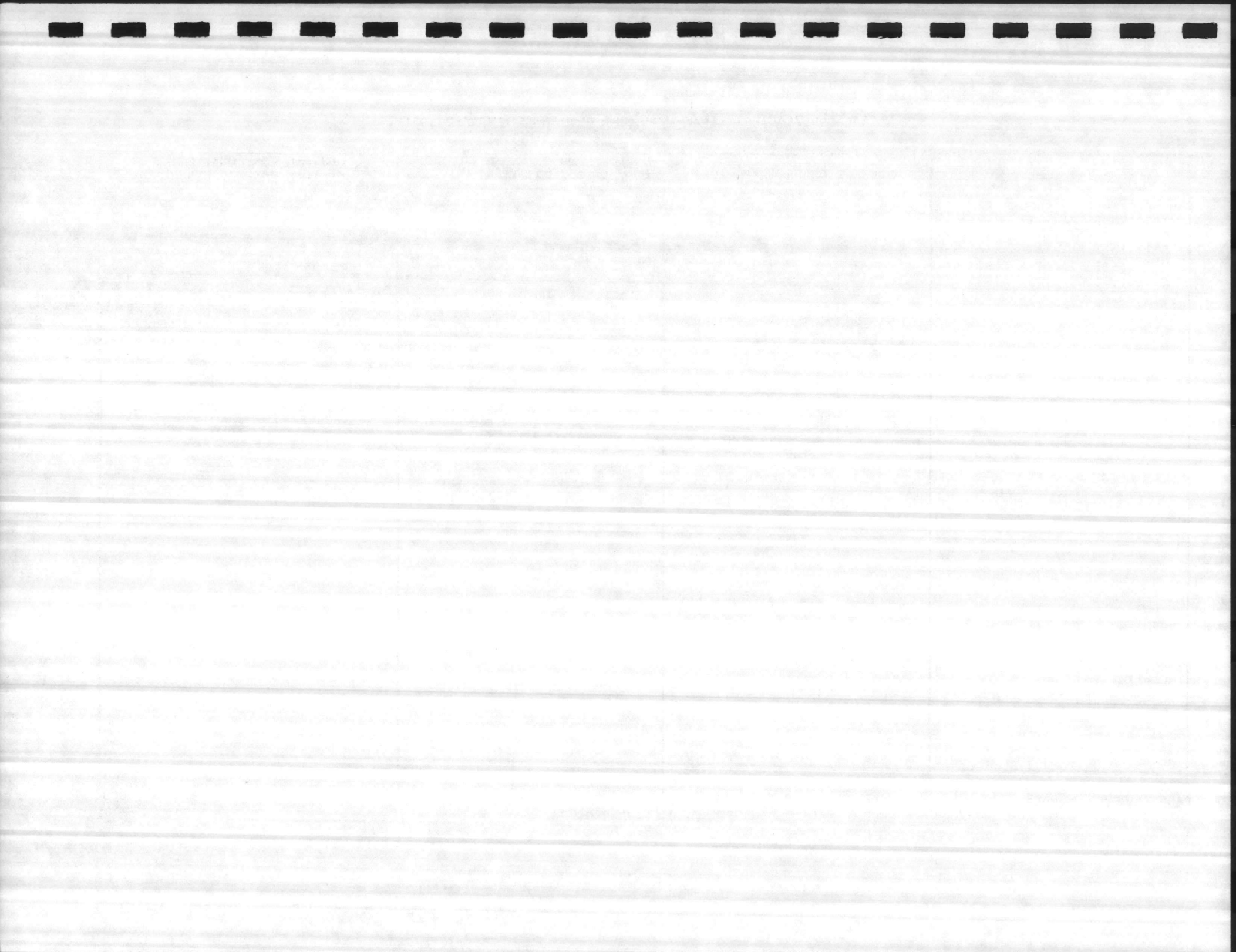
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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: GP-2, MCB, Camp Lejeune, NC

Gun 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)	Not presently used 75 X 100 yds		
Primary Direction of Fire	2500 MILS/141 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP87654139		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

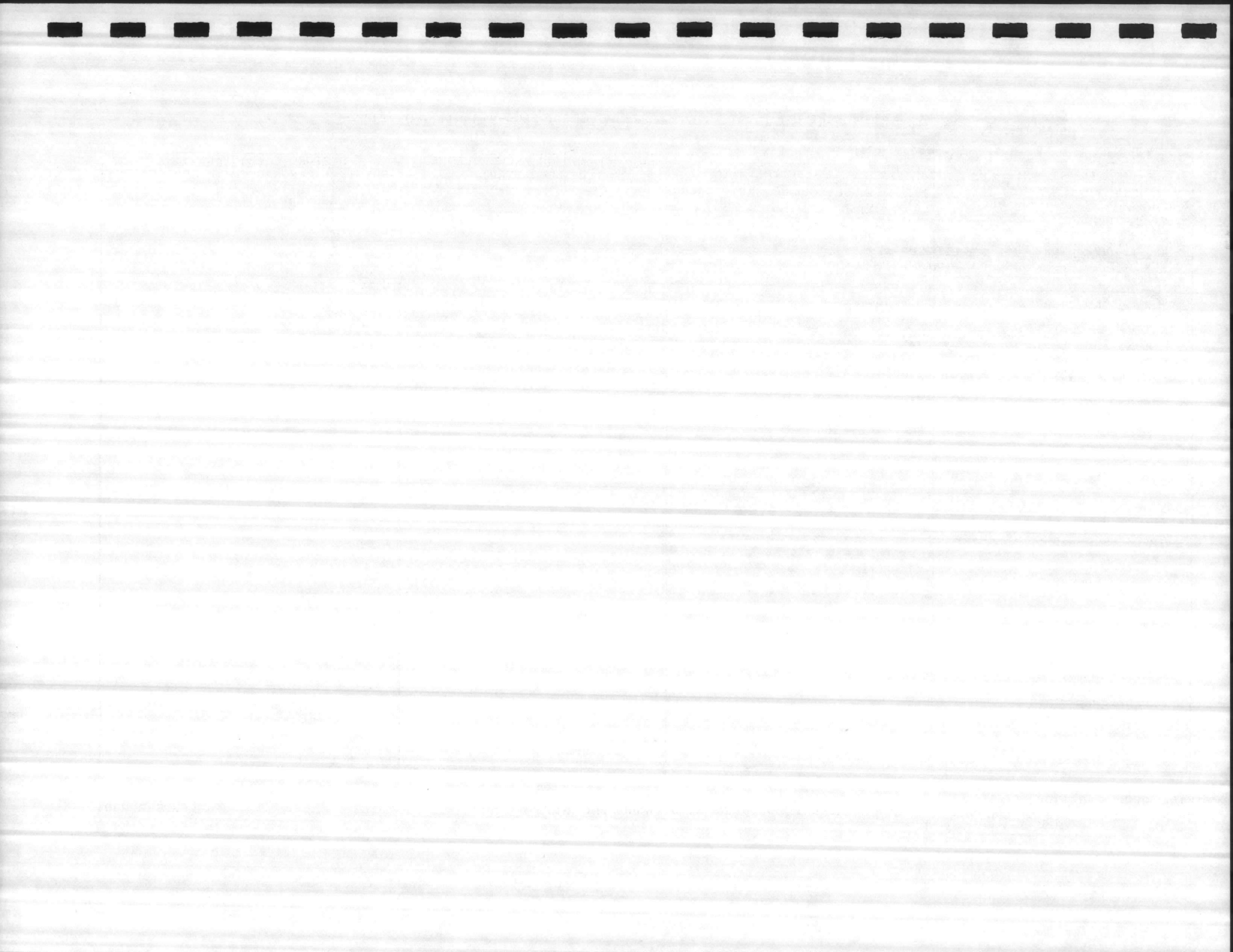
FILE NAME: LP010083

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DATE: 03/05/87

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

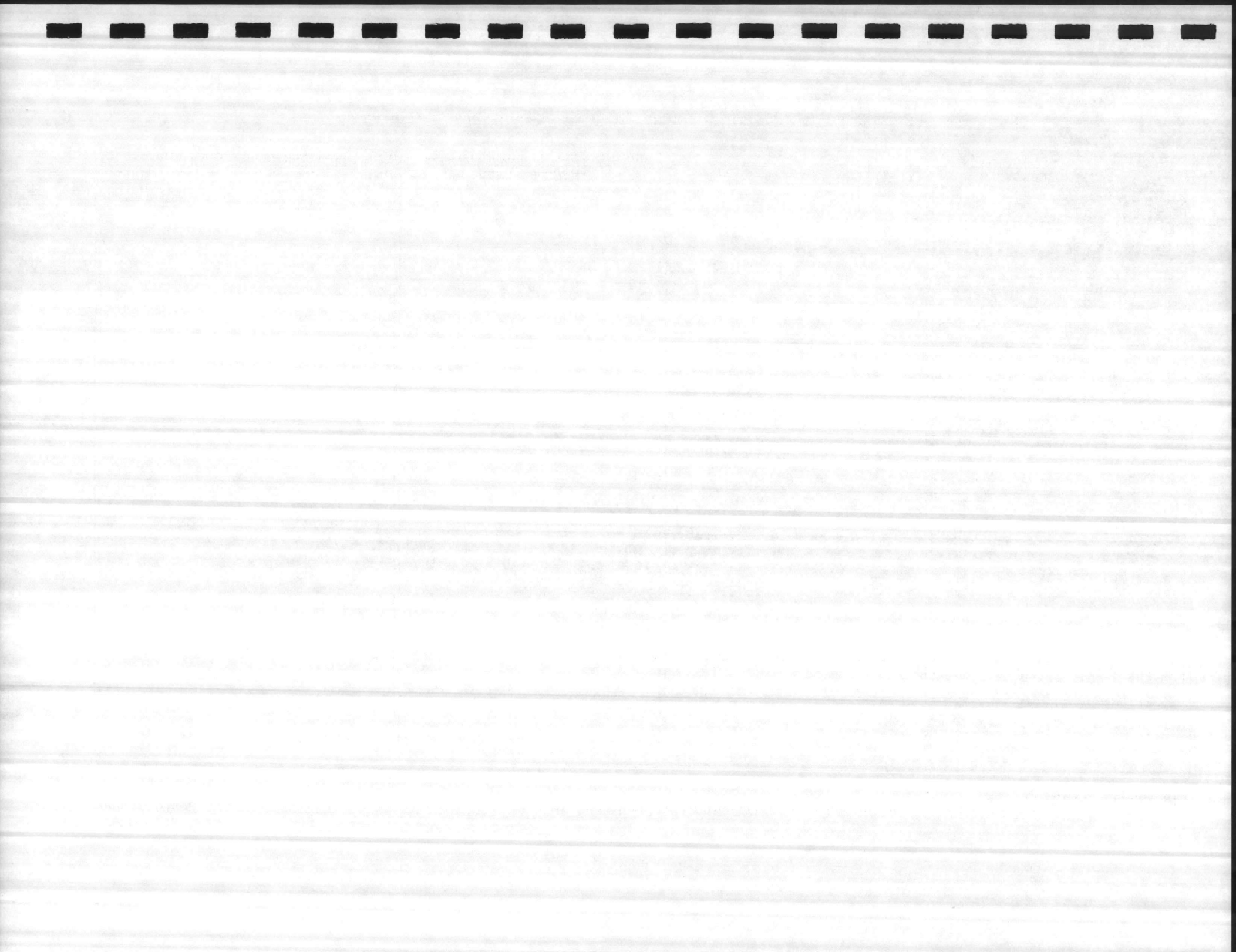
LFRTS-P-0001



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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 95 Percentage Swamp..... 5 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

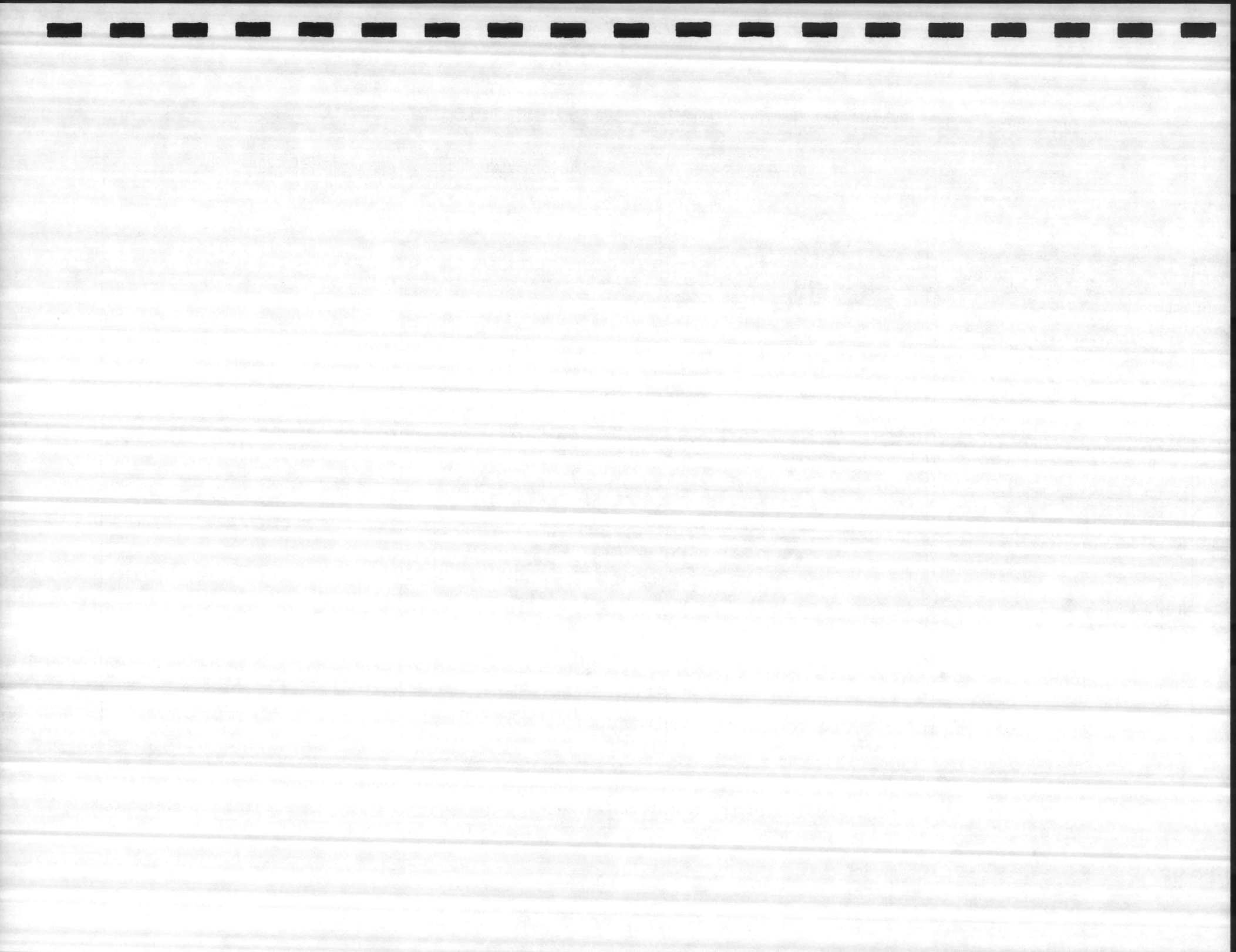
FILE NAME: LP010083

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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...	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).....	3 .....	.....	.....
Ammunition (km).....	7 .....	.....	.....
Rations (km).....	3 .....	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined .....	.....	.....
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	Yes		

FILE NAME: LP010083

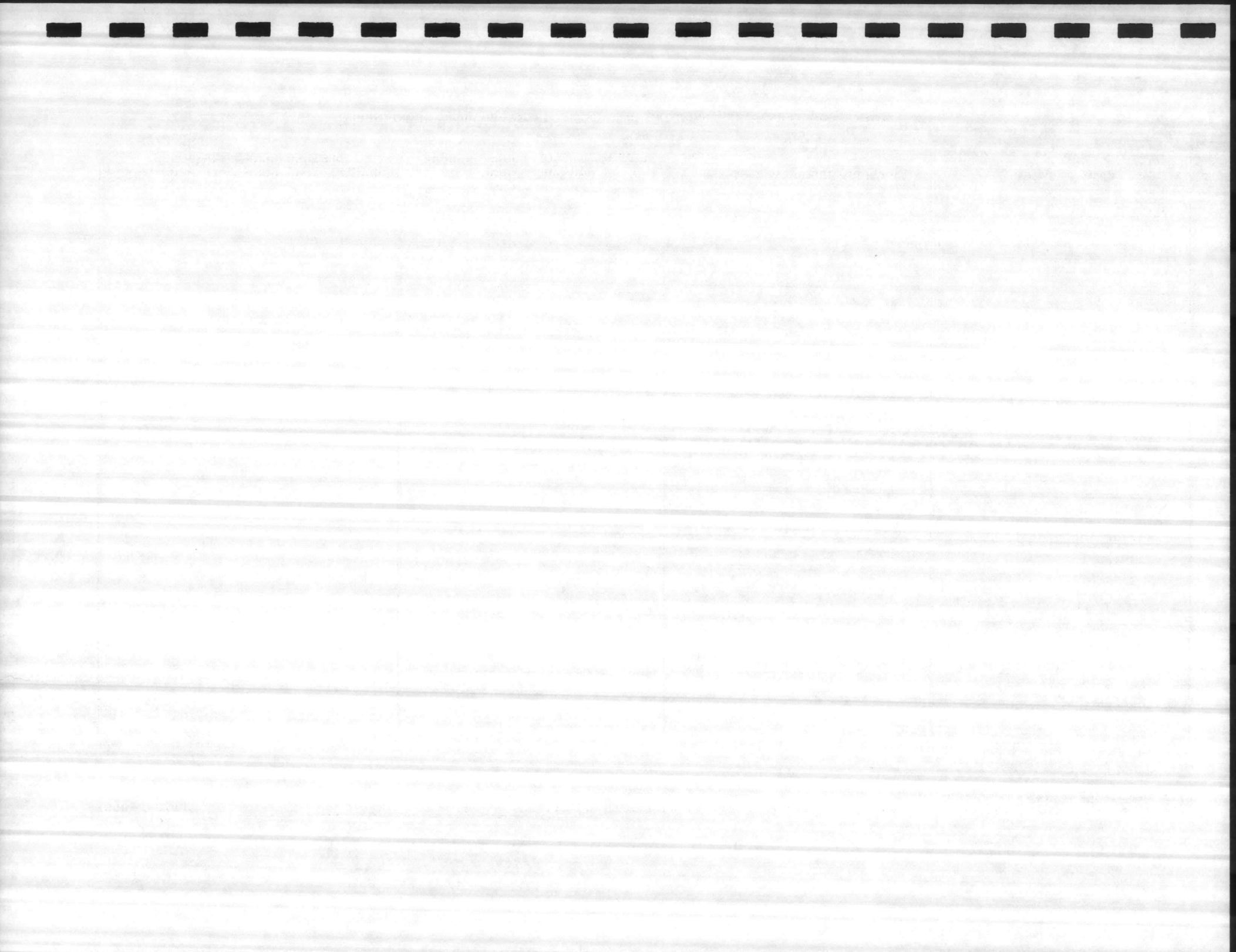
PAGE 4 OF 6

DATE: 03/05/87

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

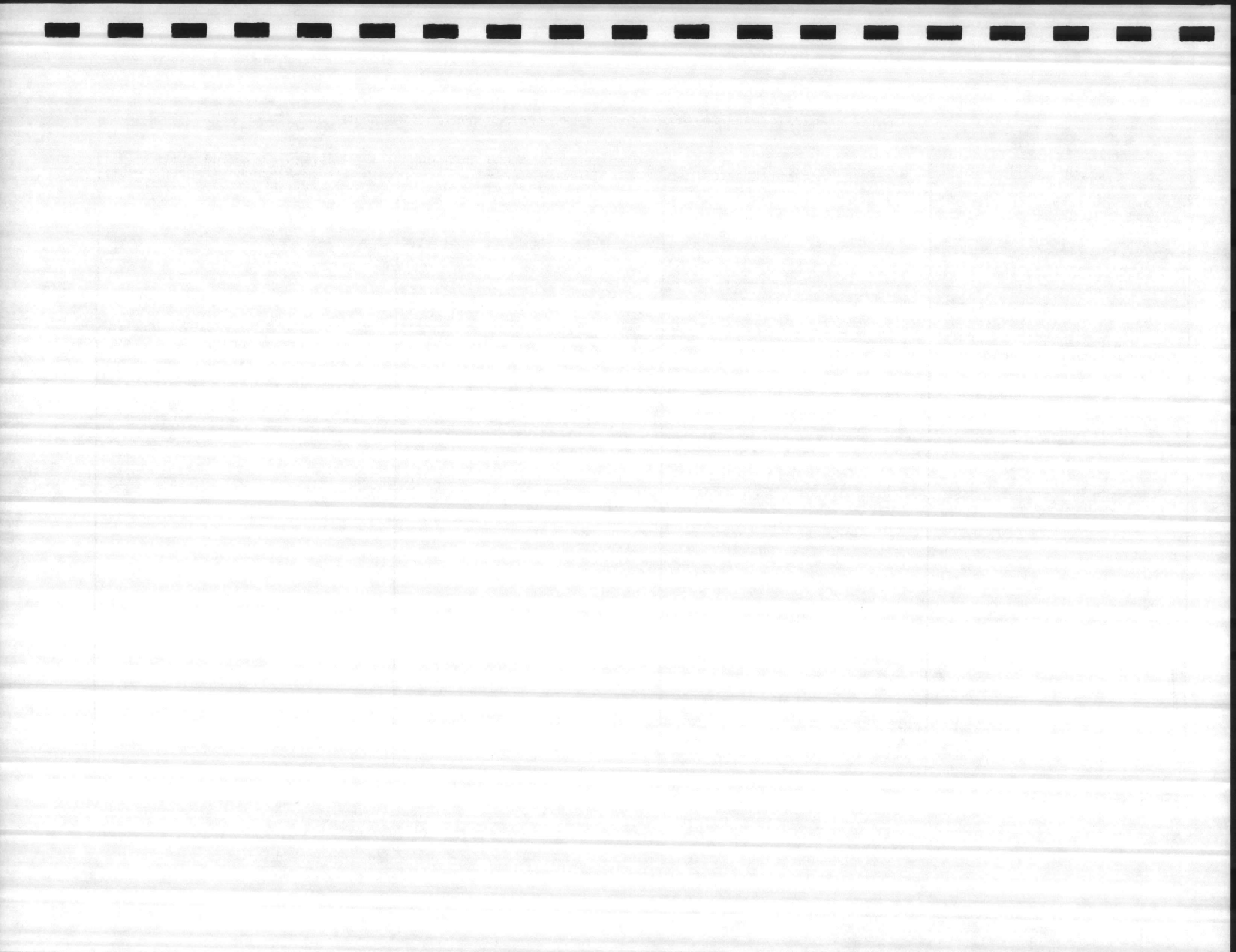
LFRTS-P-0001





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.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Penguin, F-12		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
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: LP010083

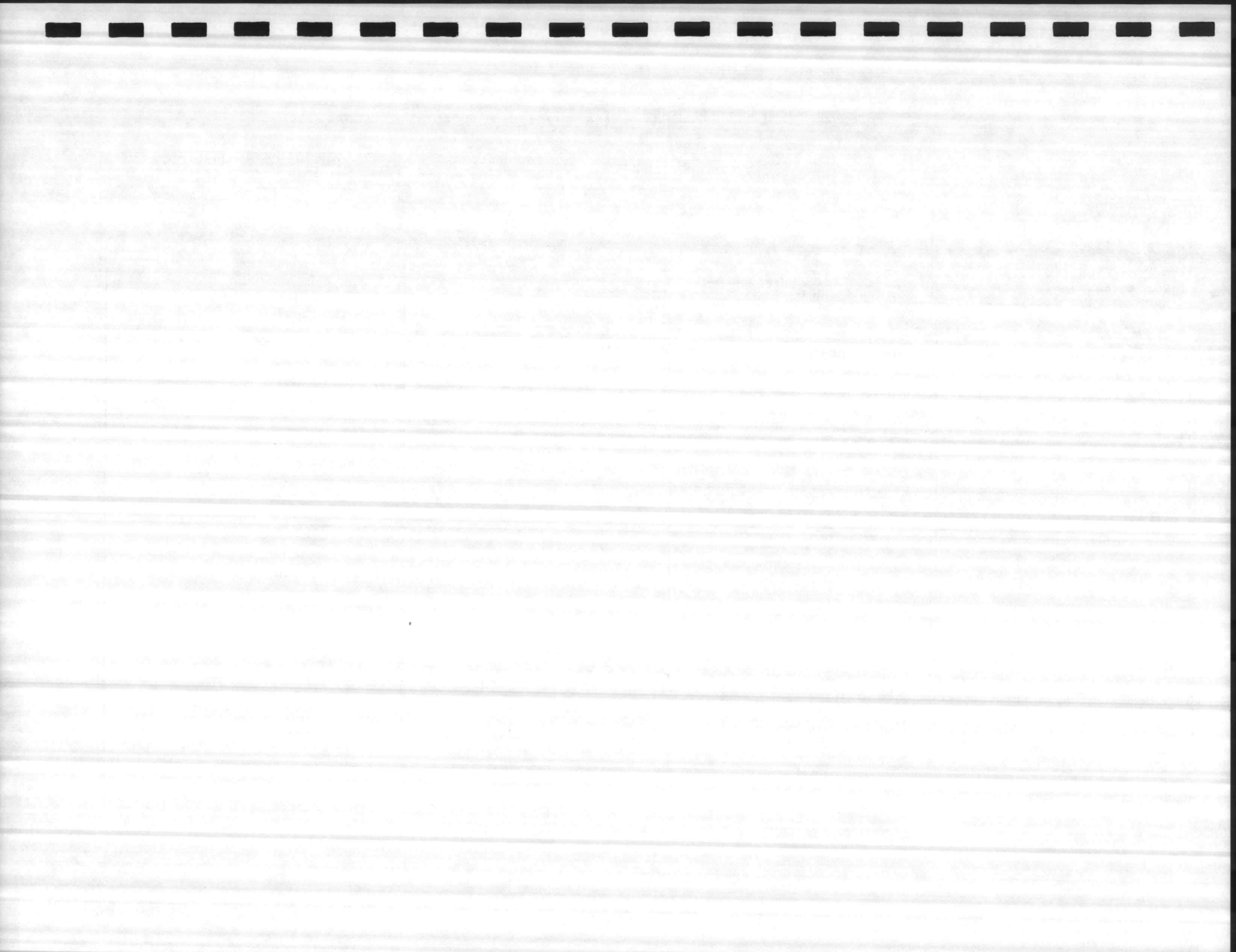
PAGE 6 OF 6

DATE: 03/05/87

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

LFRTS-P-0001





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

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: GP-3, MCB, Camp Lejeune, NC

Gun Position

INSTRUCTIONS:

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

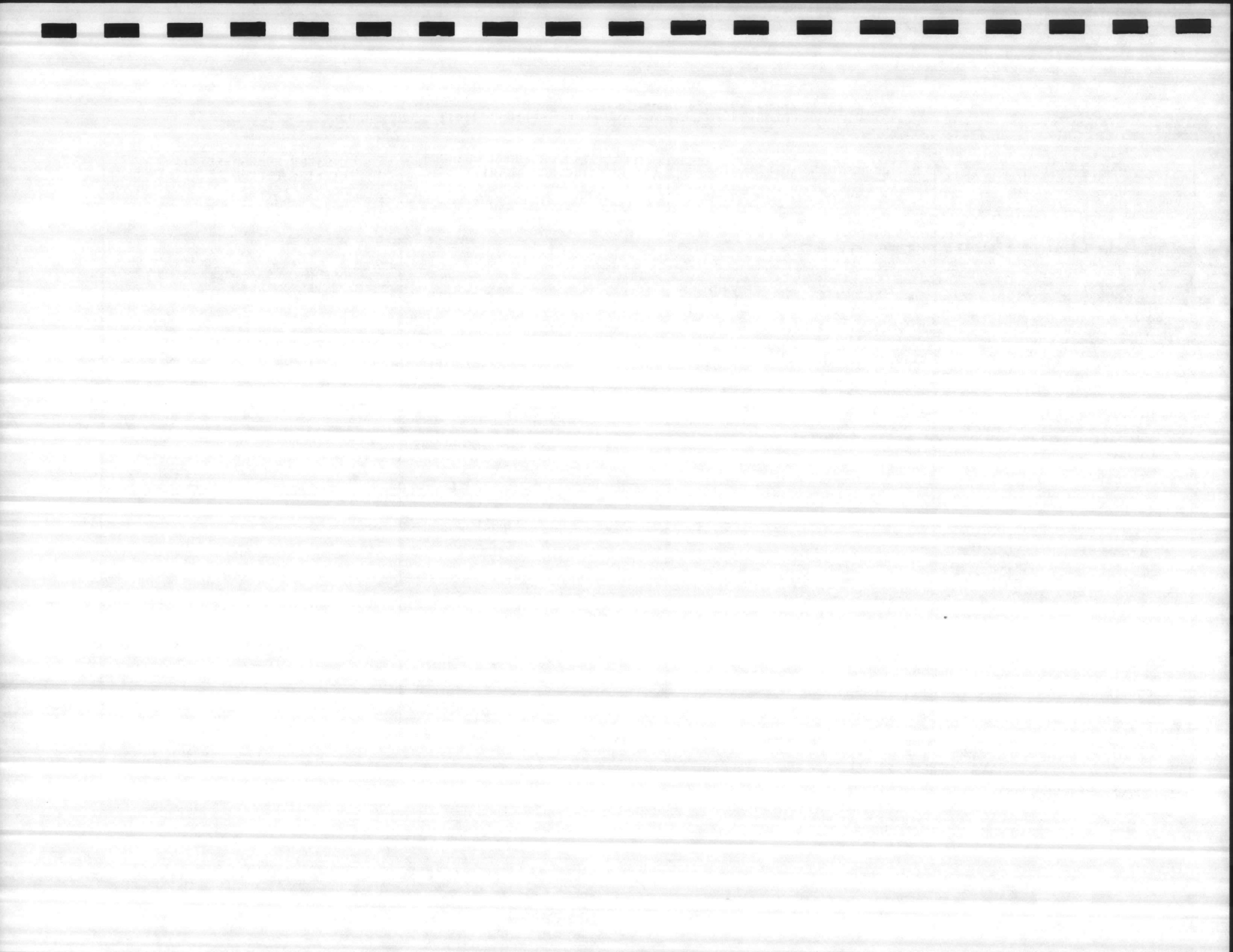
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	80 X 100 yds		
Primary Direction of Fire	3200 MILS/180 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP92234157		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010084

PAGE 1 OF 6 DATE: 03/05/87

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

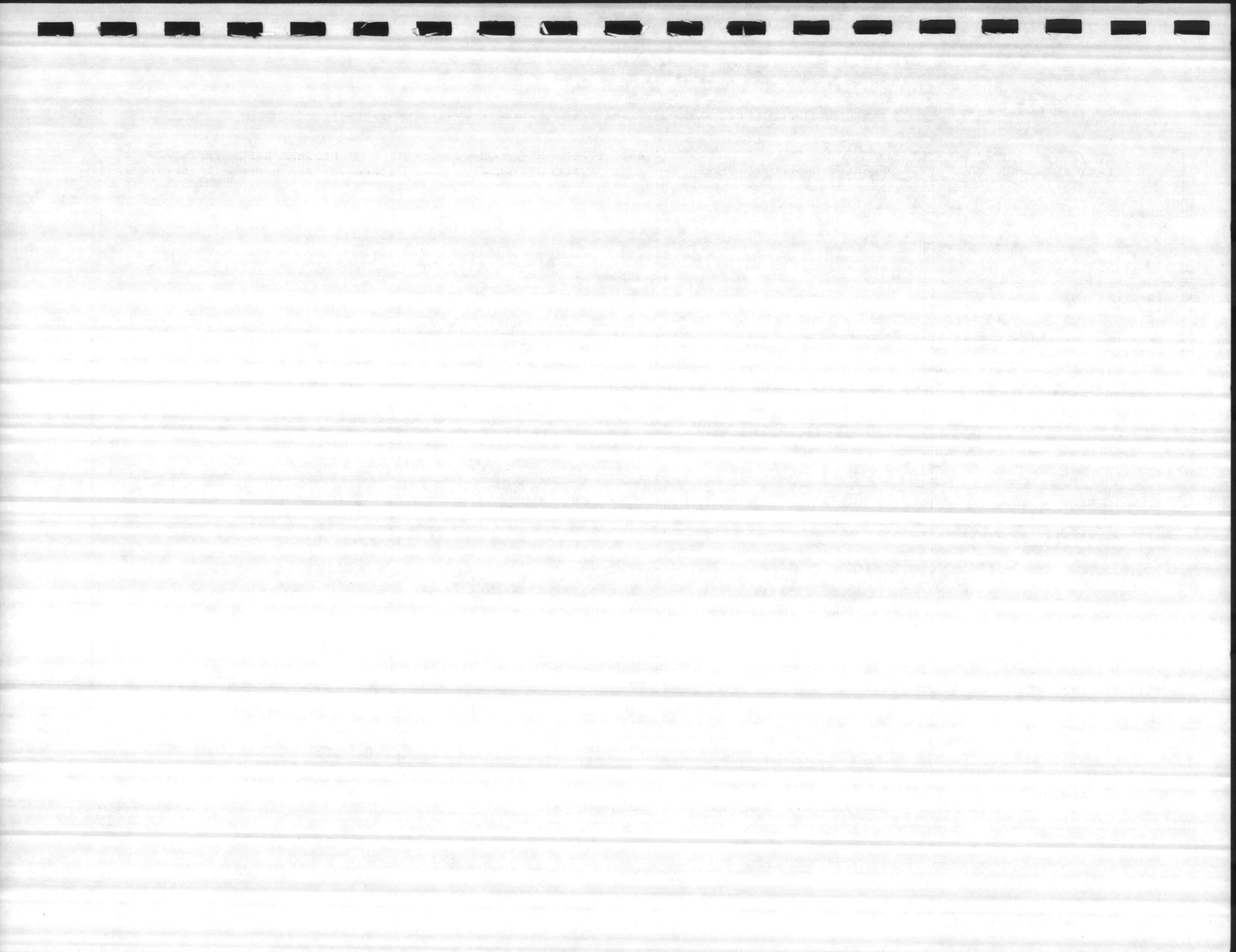
LFRTS-P-0001



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 Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	105-mm, 155-mm, 8-in 100		
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
Is Range/Facility Capable of Supporting Use? Yes, No			

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

DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
			Range Facilities (continued) Demolition Area..... Head Facility..... Ammunition Storage..... Water System..... Electrical System..... Classroom..... Storage Area..... Other.....
			Fuel..... Cooling..... Recreational..... Other.....
			Heating..... Sewer..... Moving..... Revolving..... Other.....
			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..... 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...	2 NA NA NA NA		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	12 16 12		
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	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		

FILE NAME: LP010084

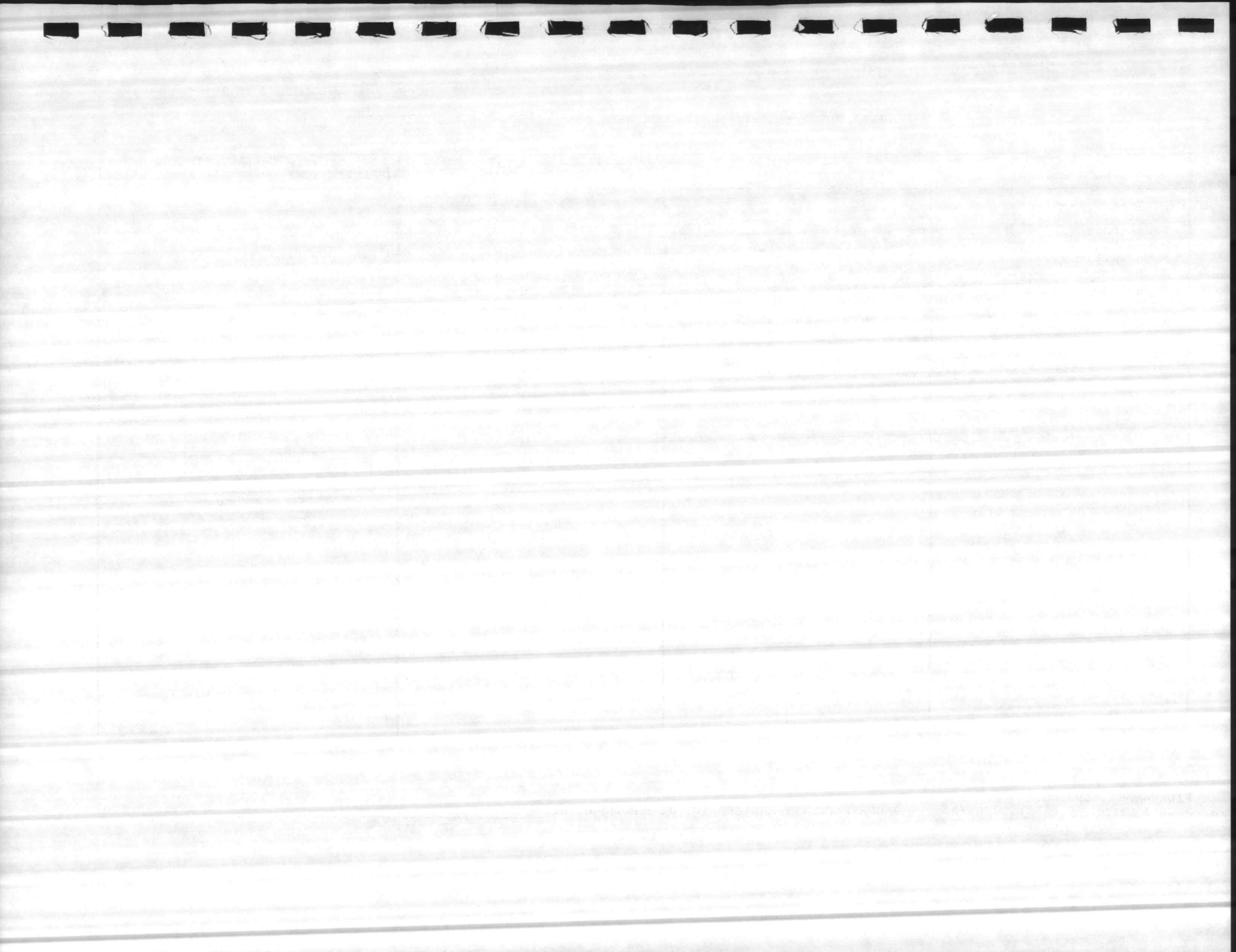
PAGE 4 OF 6

DATE: 03/05/87

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

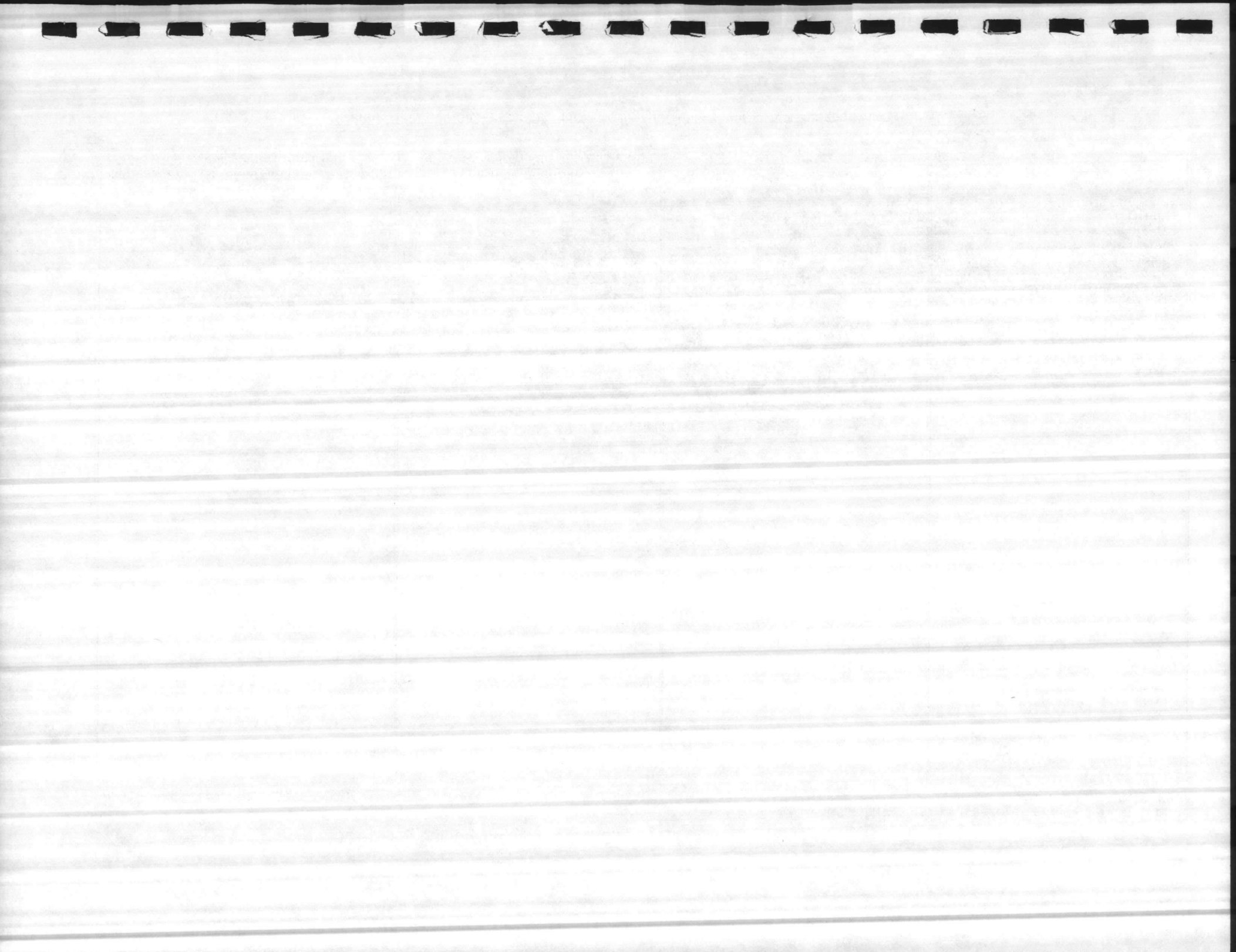
LFRTS-P-0001





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

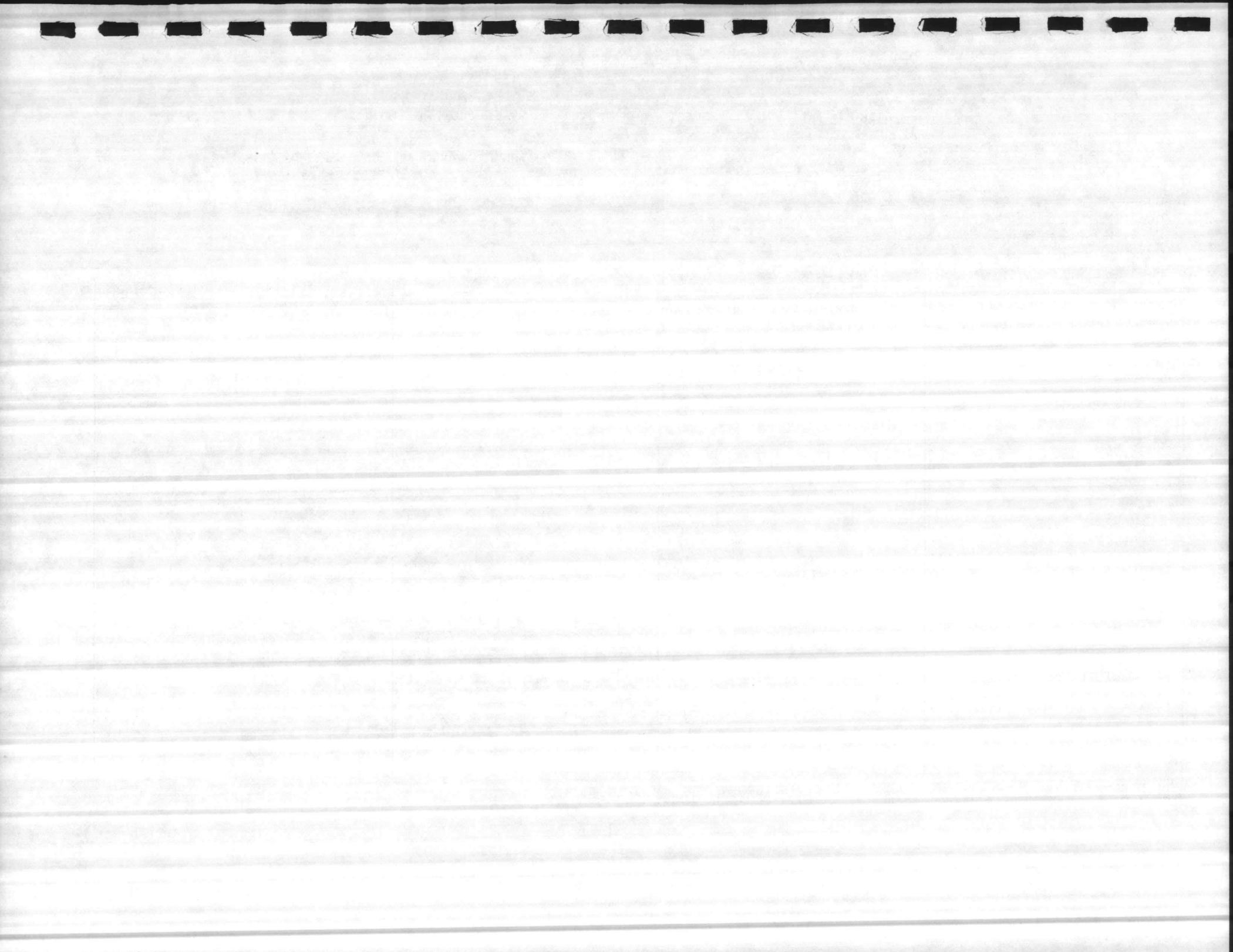
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	F-4		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
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		





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: GP-4, MCB, Camp Lejeune, NC

Gun 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)	200 X 370 yds		
Primary Direction of Fire	3280 MILS/185 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP92704066		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

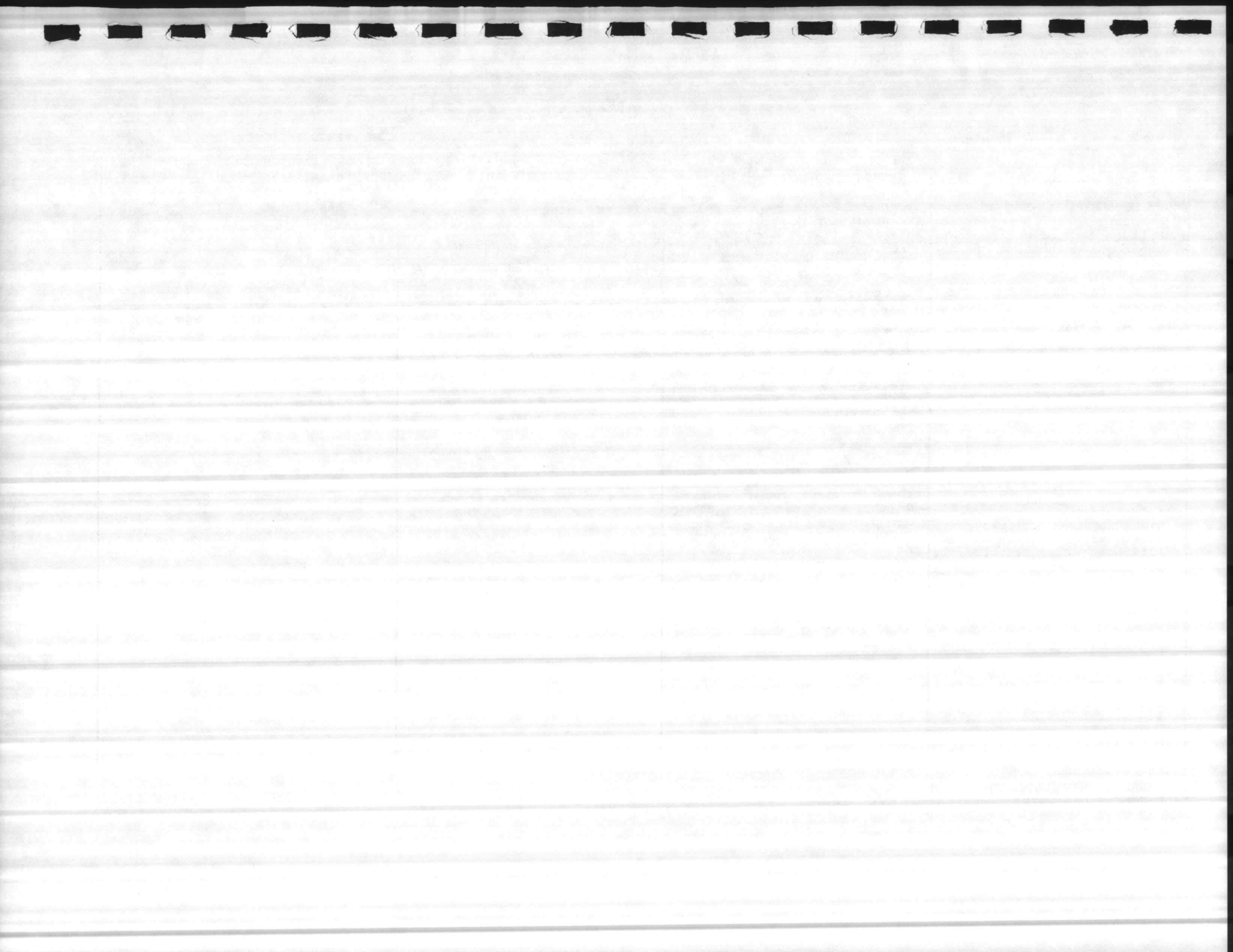
FILE NAME: LP010085

PAGE 1 OF 6

DATE: 03/05/87

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

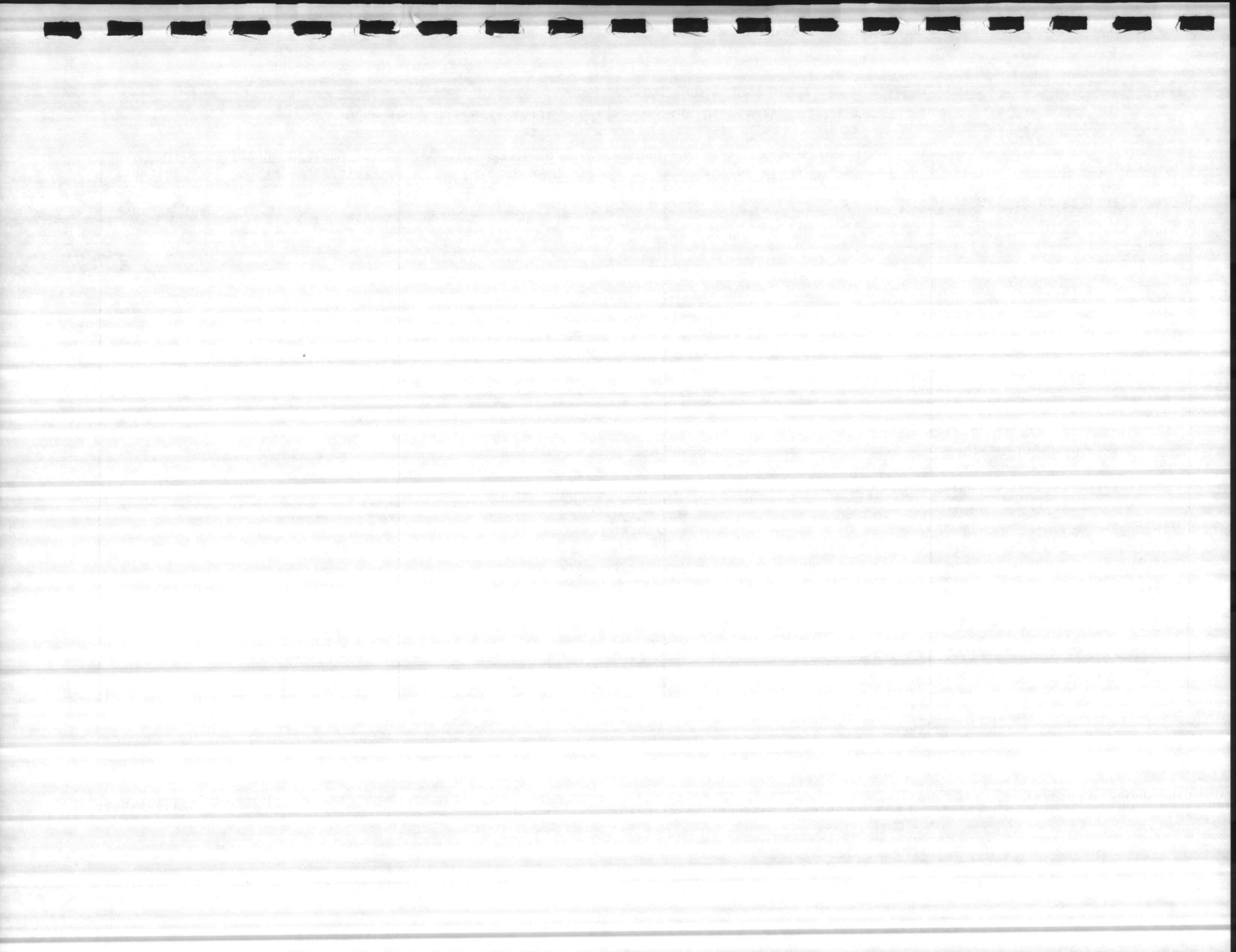
LFRTS-P-0001



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 Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 60 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 40 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
Range/Facility Capable of Yes, No	Yes		

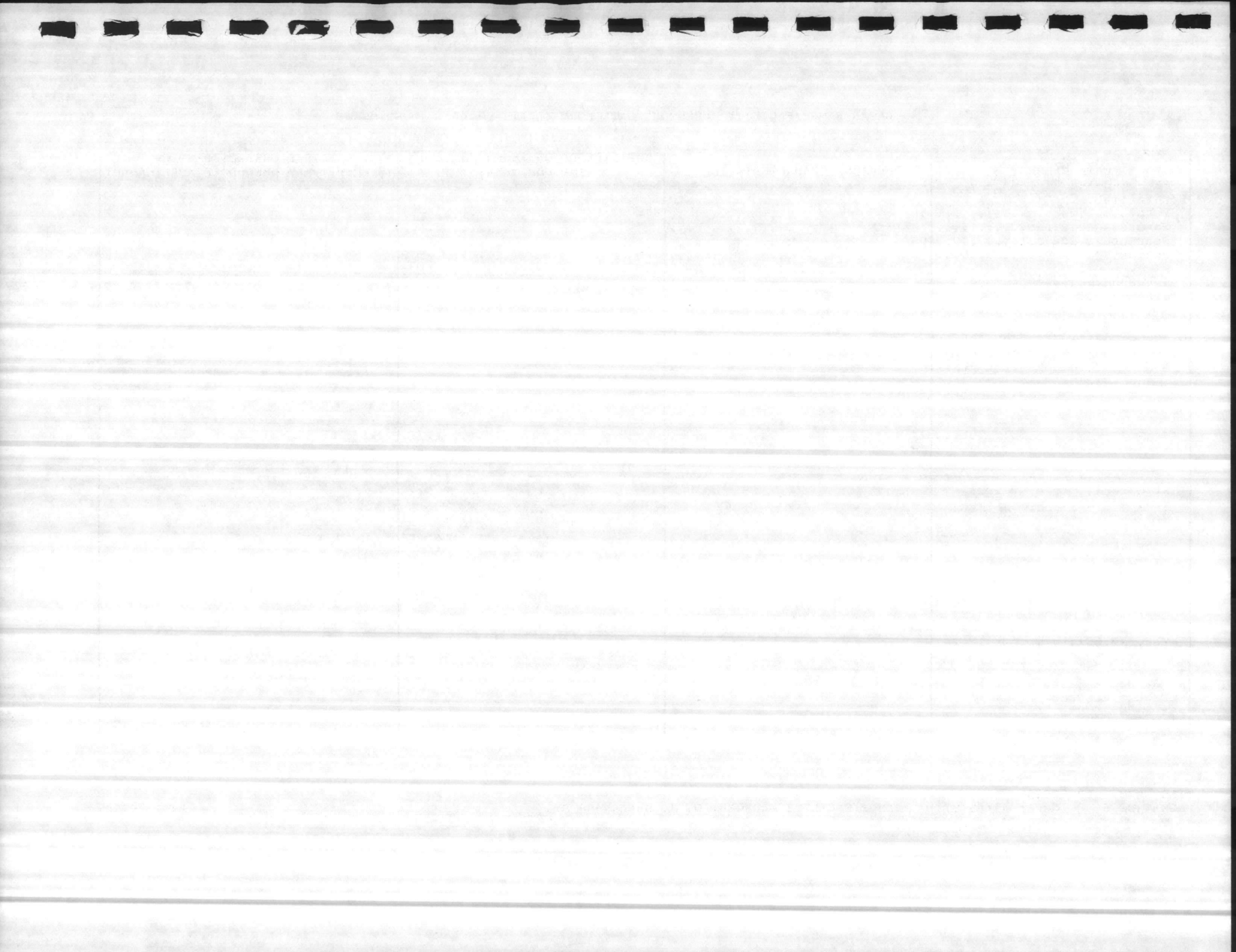
LATAE RANGE/FACILITY INVENTORY DATA FORM (LEETS-P-0001) (CONTINUED)

DESIRED CHARACTERISTICS (PRECEDENT YEAR NEEDED IN APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
			Non-availability per Year
			Total..... 10
			Maintenance..... 10
			Weather.....
			Budget.....
			Site Condition/Weather.....
			Level of Activity.....
			Other.....
			Closed When This Range is in Use
			Are there size ranges restrictions (weights to ranges, standards, safety, etc.)? <input type="checkbox"/>
			Yes, No, Explain
			Are there size and/or outboard placed on sales units?
			Yes, No, Explain

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

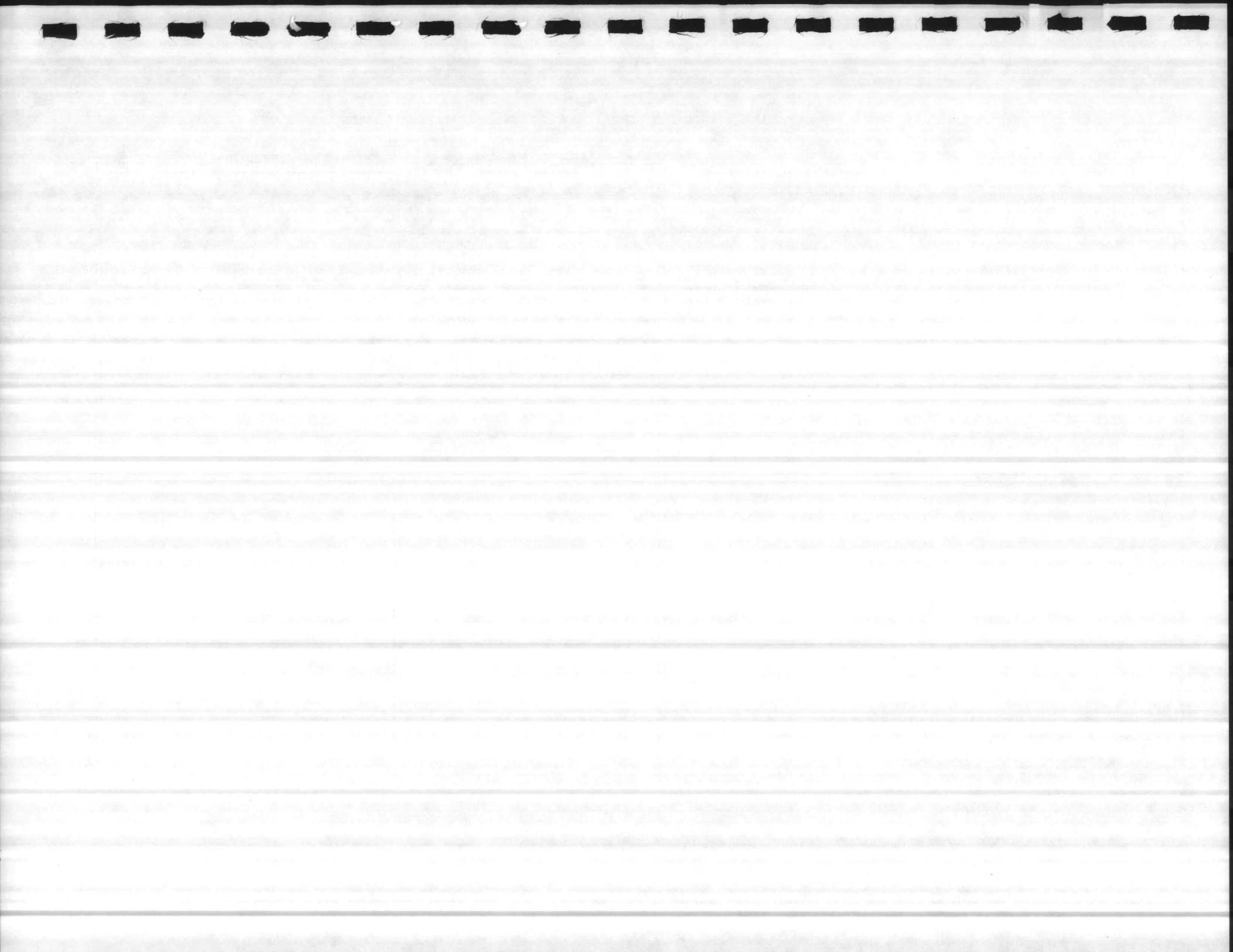
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	5	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....	95	.....	.....
Percentage Heavy.....		.....	.....
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).....	13	.....	.....
Ammunition (km).....	17	.....	.....
Rations (km).....	13	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	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..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... 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 Bordering woodpecker habitat		

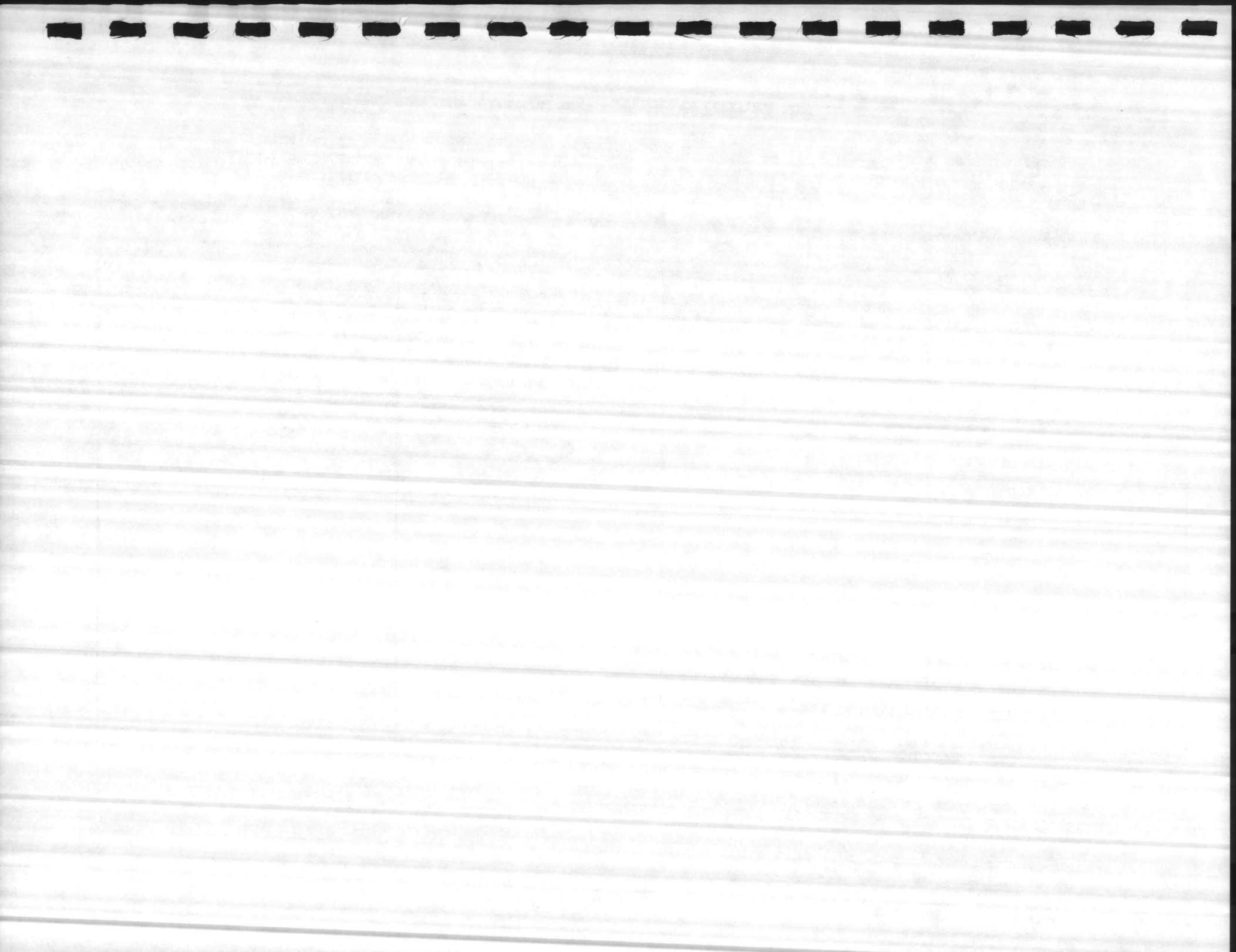
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PAGE 6 OF 6 DATE: 03/05/87

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

LFRTS-P-0001





L1A1R 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: GP-6, MCB, Camp Lejeune, NC

Gun Position

INSTRUCTIONS:

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

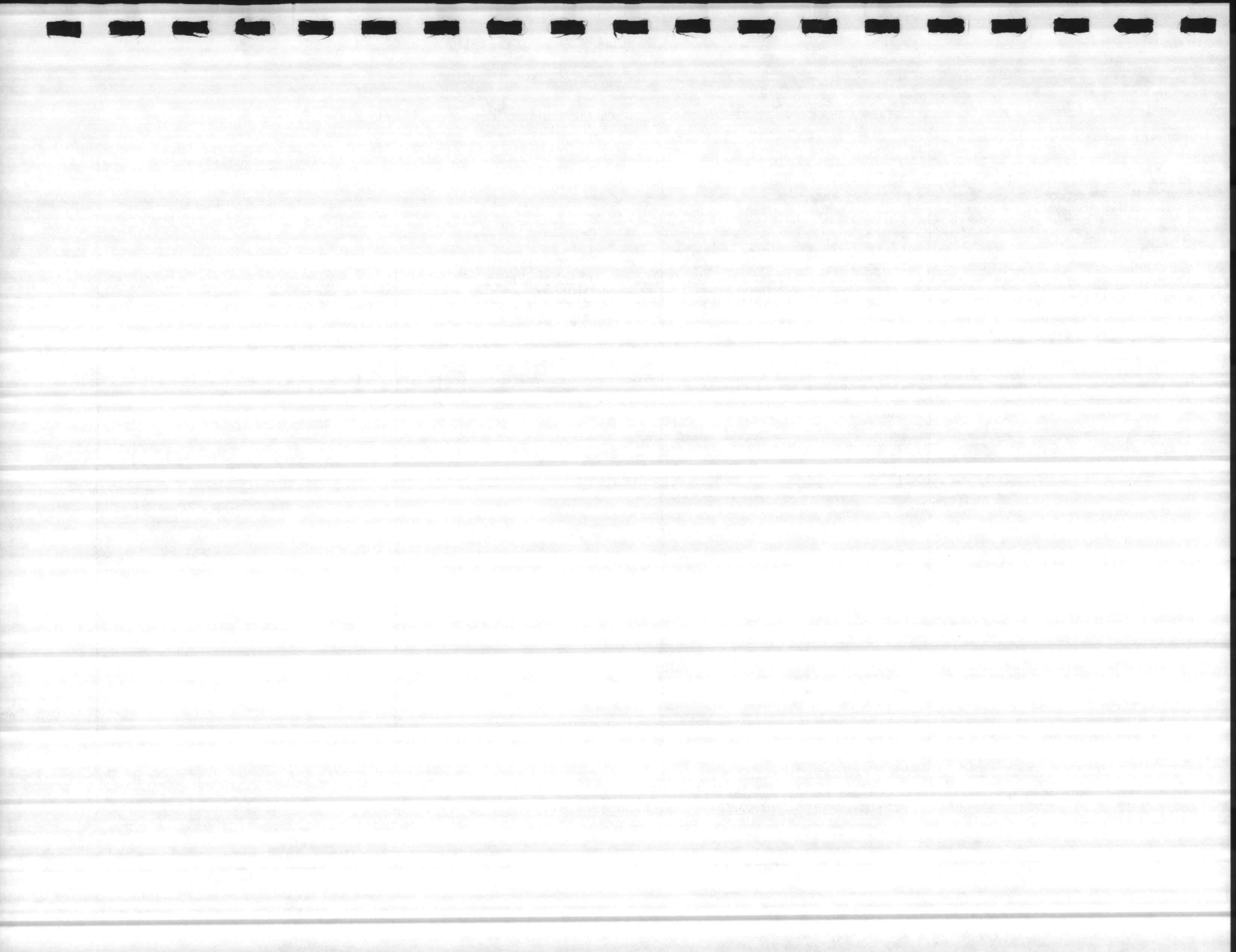
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	150 X 240 yds		
Primary Direction of Fire	2600 MILS/146 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP90053760		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010086

PAGE 1 OF 6 DATE: 03/05/87

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

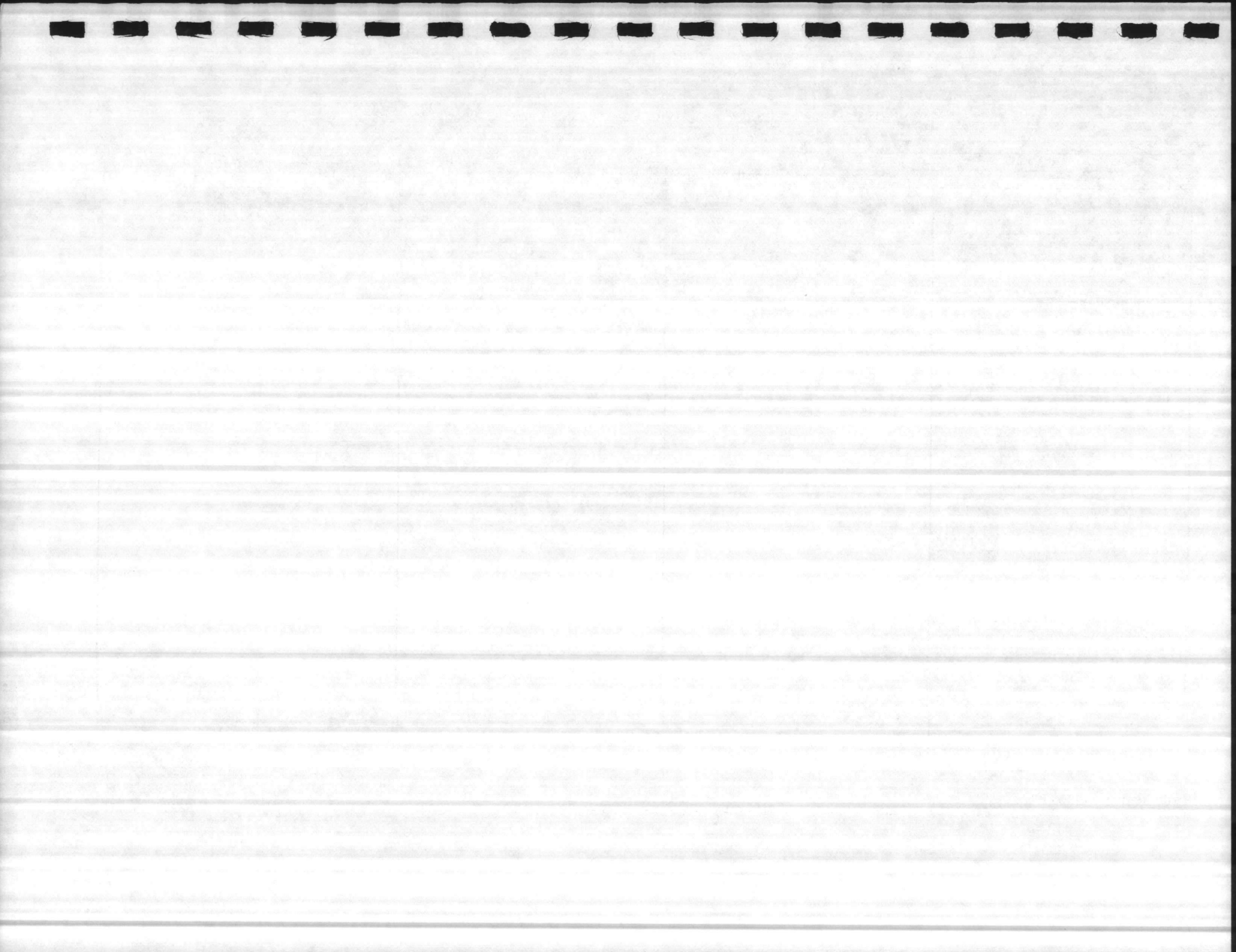
LFRTS-P-0001



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)
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)

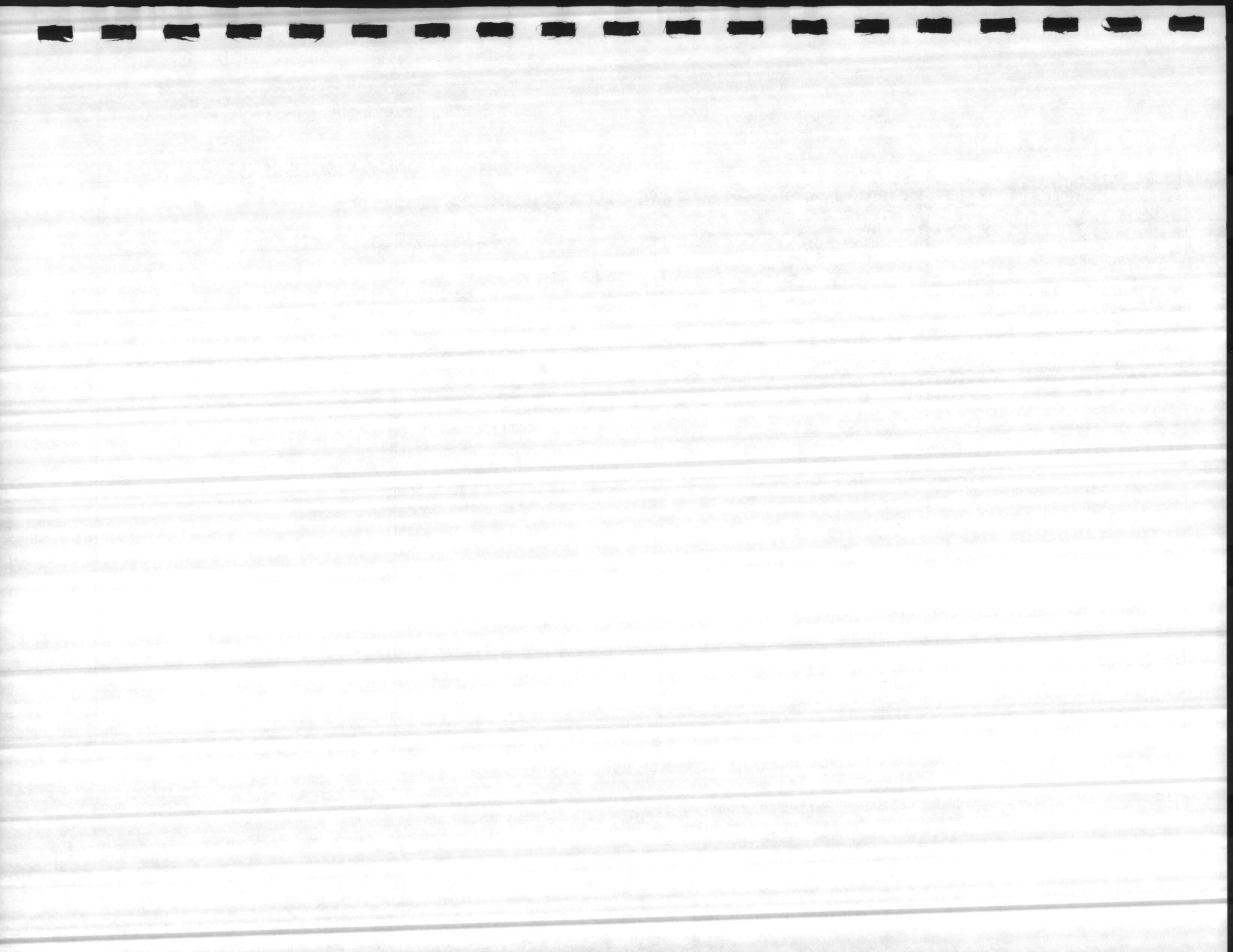
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	105-mm, 60-mm, 81-mm		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other..... FOL (km).....		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
Range/Facility Capable of 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)
Weapon Types Used on the Range	105-mm, 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.....	100	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....		.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	2	.....	.....
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).....	5	.....	.....
Ammunition (km).....	6	.....	.....
Rations (km).....	5	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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: LP010086

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DATE: 03/05/87

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

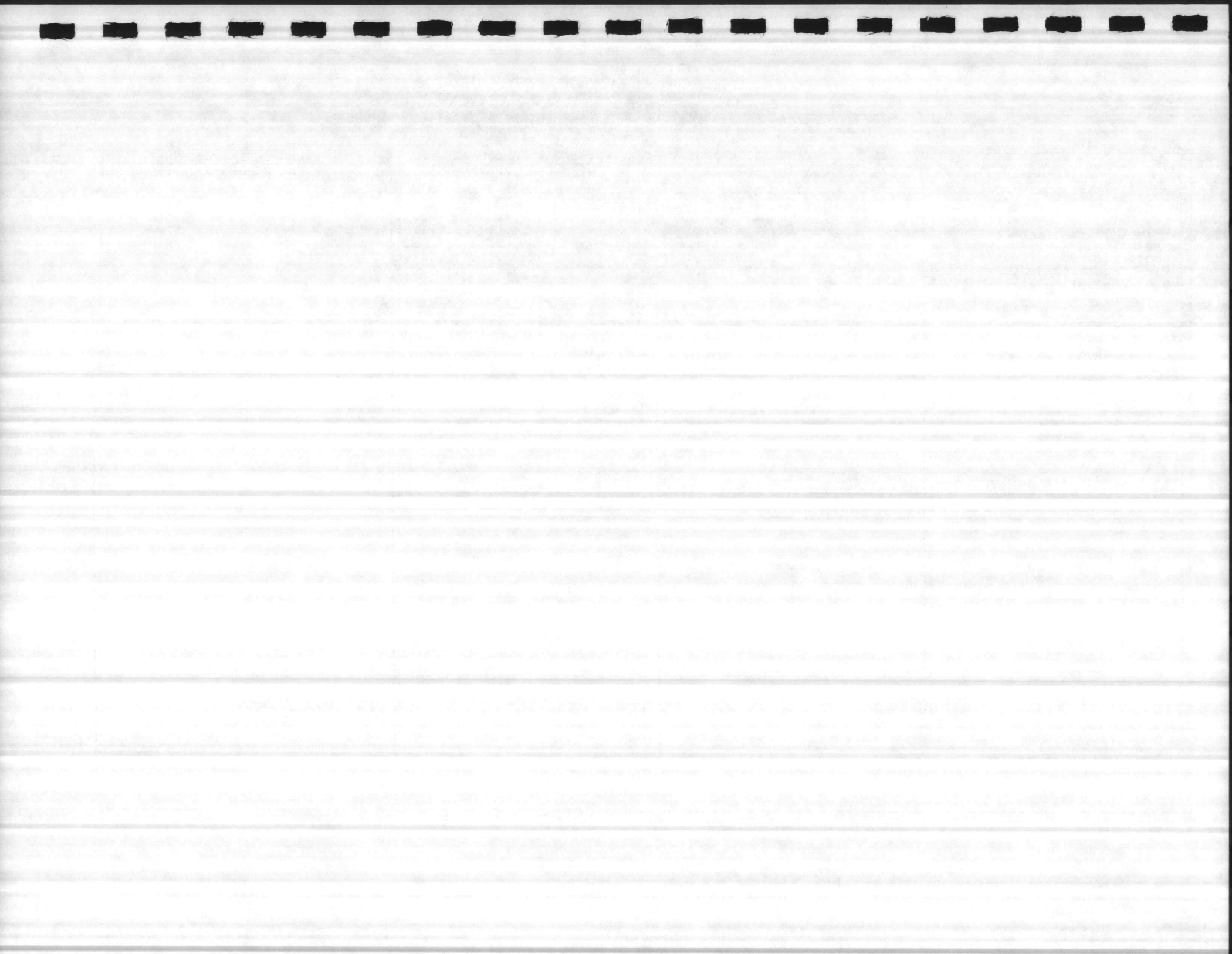
LFRTS-P-0001



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

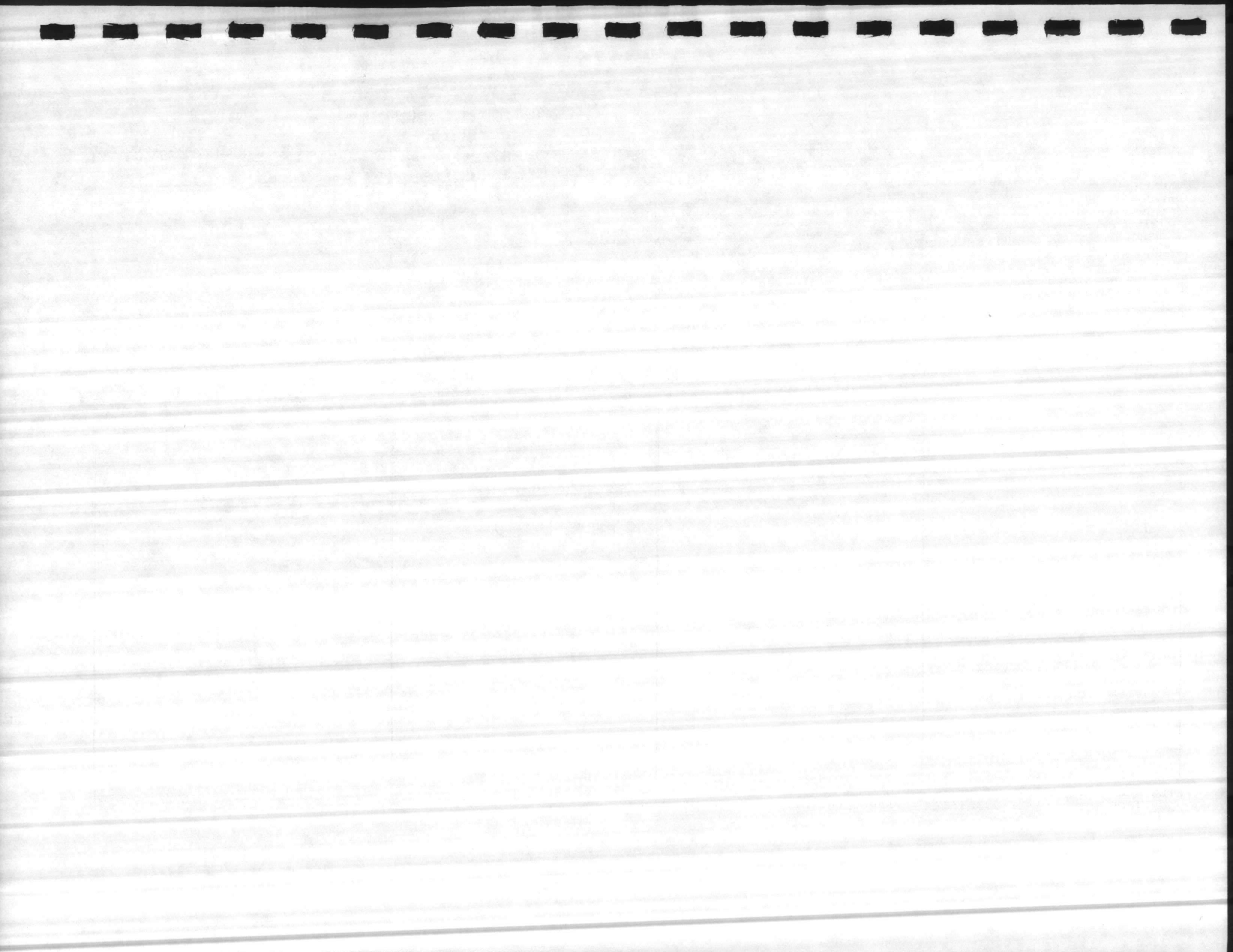
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... 0 ..... 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 No troops on OP-1 when using mortars		
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 Bordering 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: GP-7, MCB, Camp Lejeune, NC

Gun 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)	100 X 100 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP91473730		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

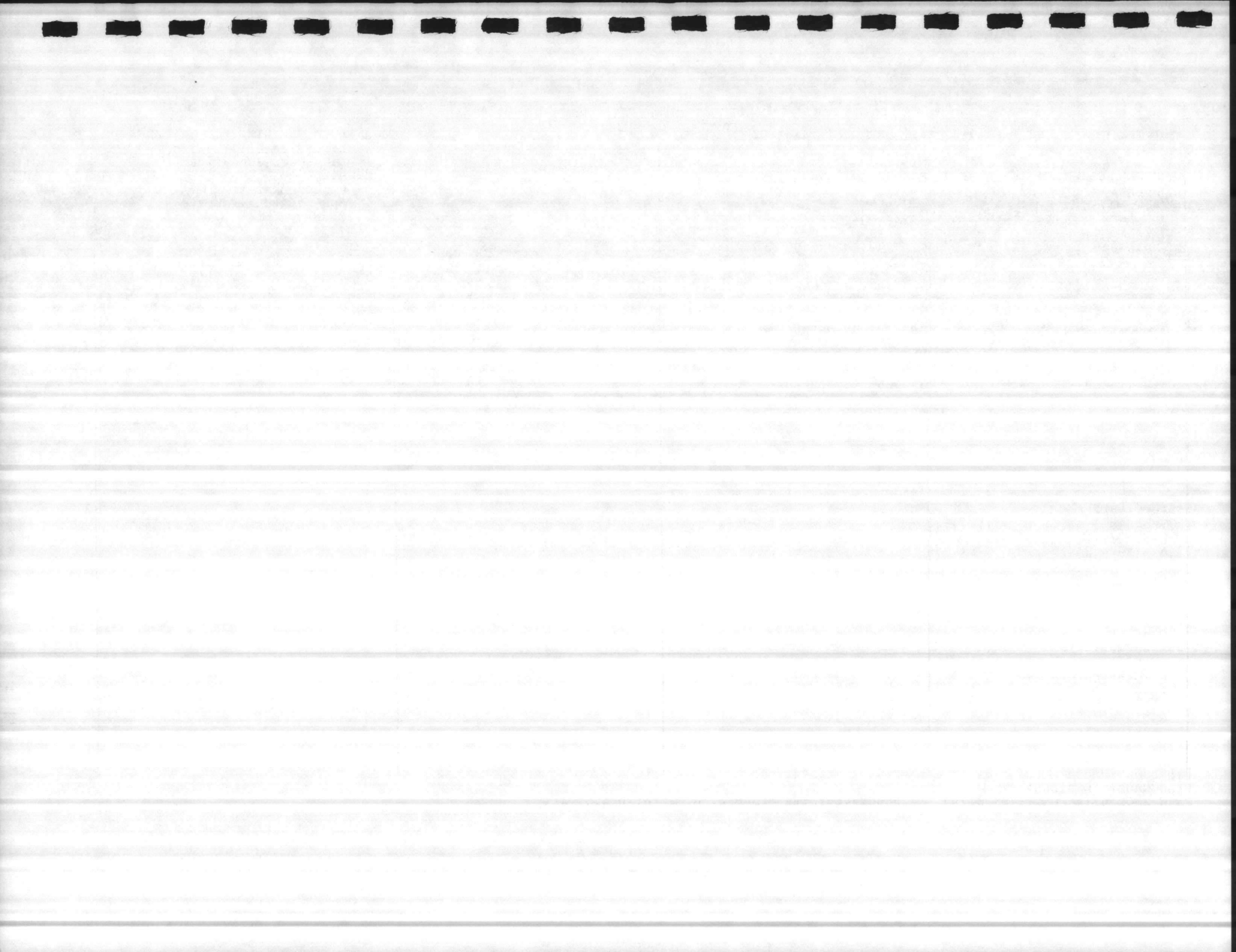
FILE NAME: LP010087

PAGE 1 OF 6 DATE: 03/05/87

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

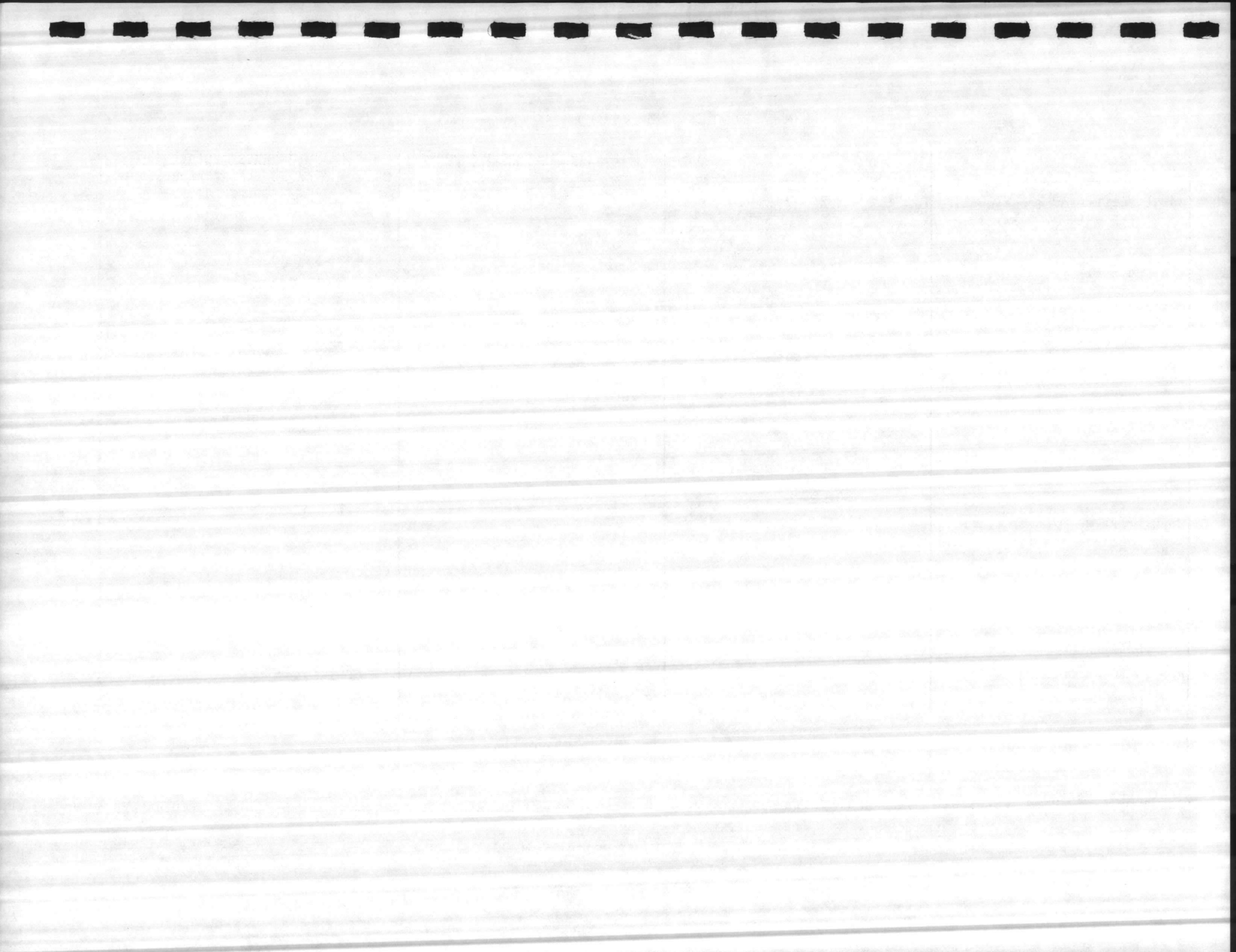
LFRTS-P-0001





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	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 70 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 30 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

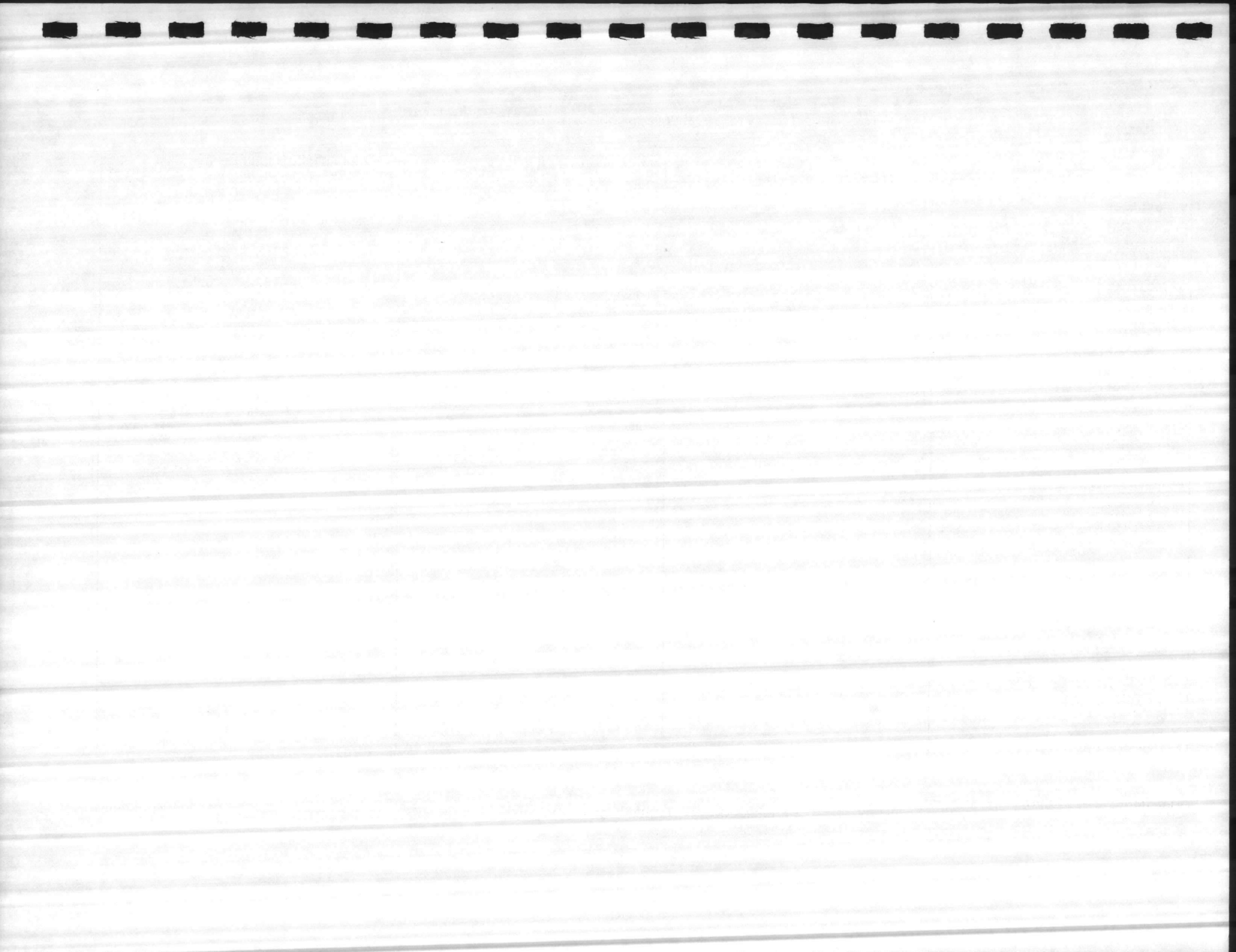
FILE NAME: LP010087

PAGE 3 OF 6 DATE: 03/05/87

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

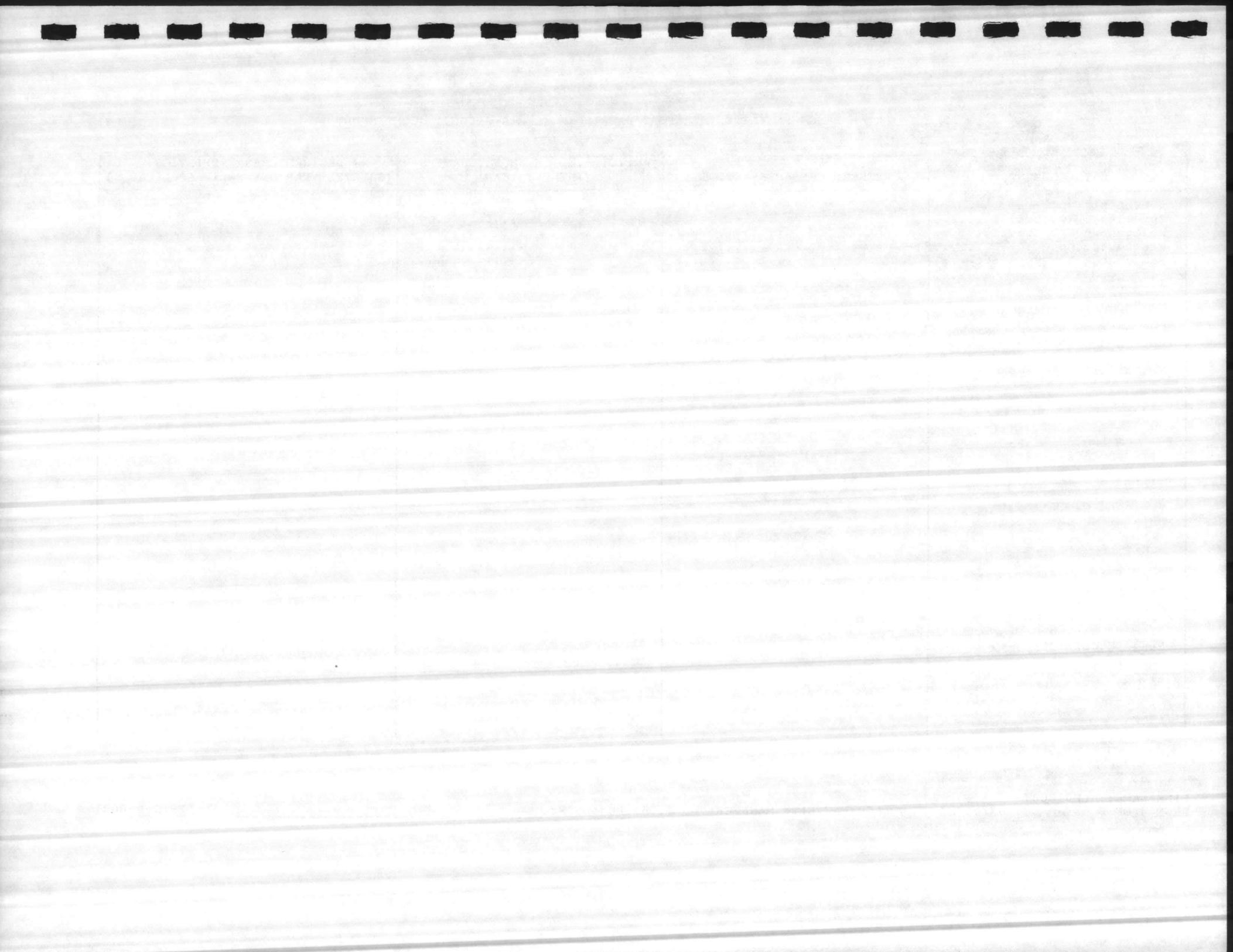
LFRTS-P-0001





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

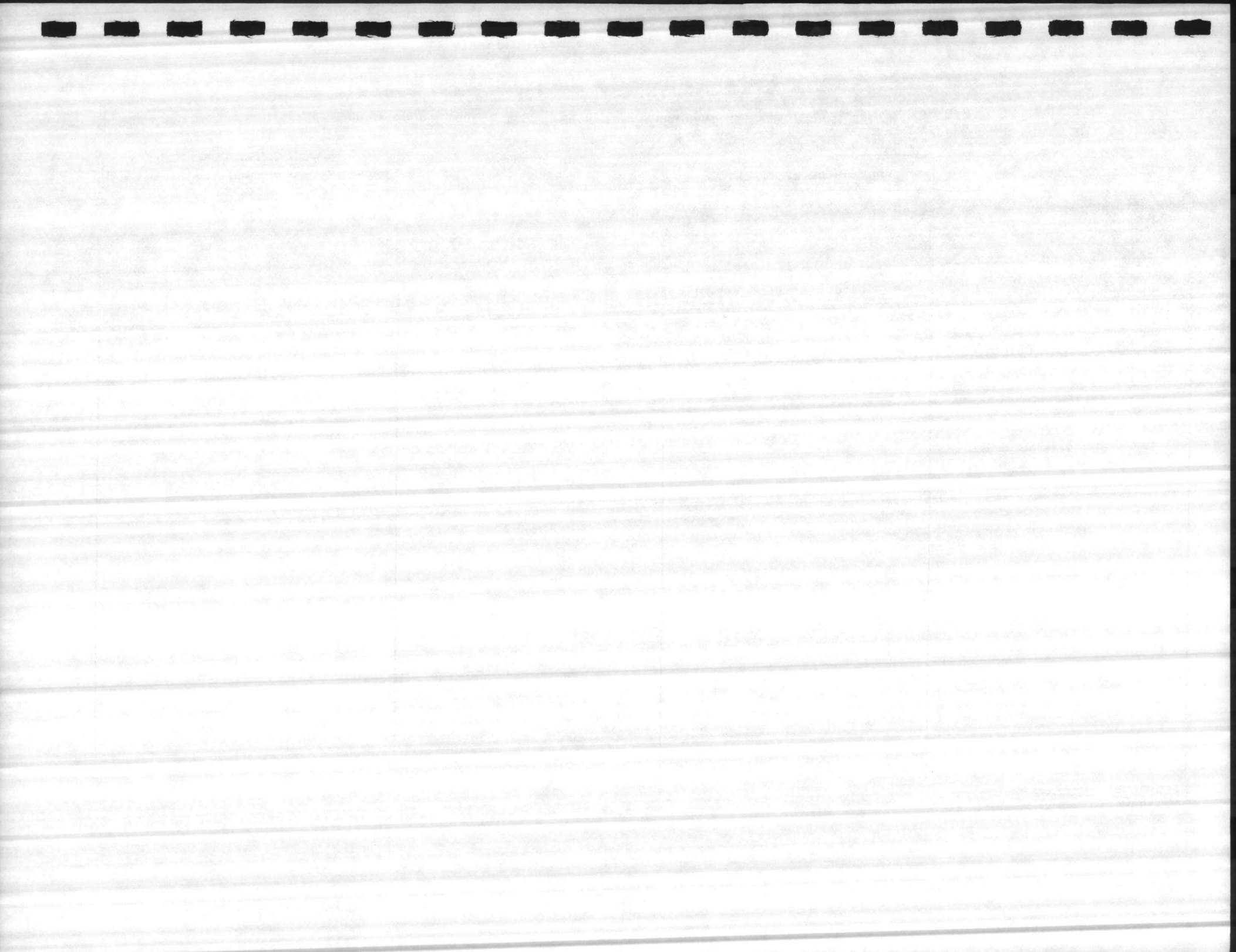
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	2		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	7 6 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	Undefined		
Number of Days per Year the Range/Facility is Available	355		
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.....	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	NA		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		





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

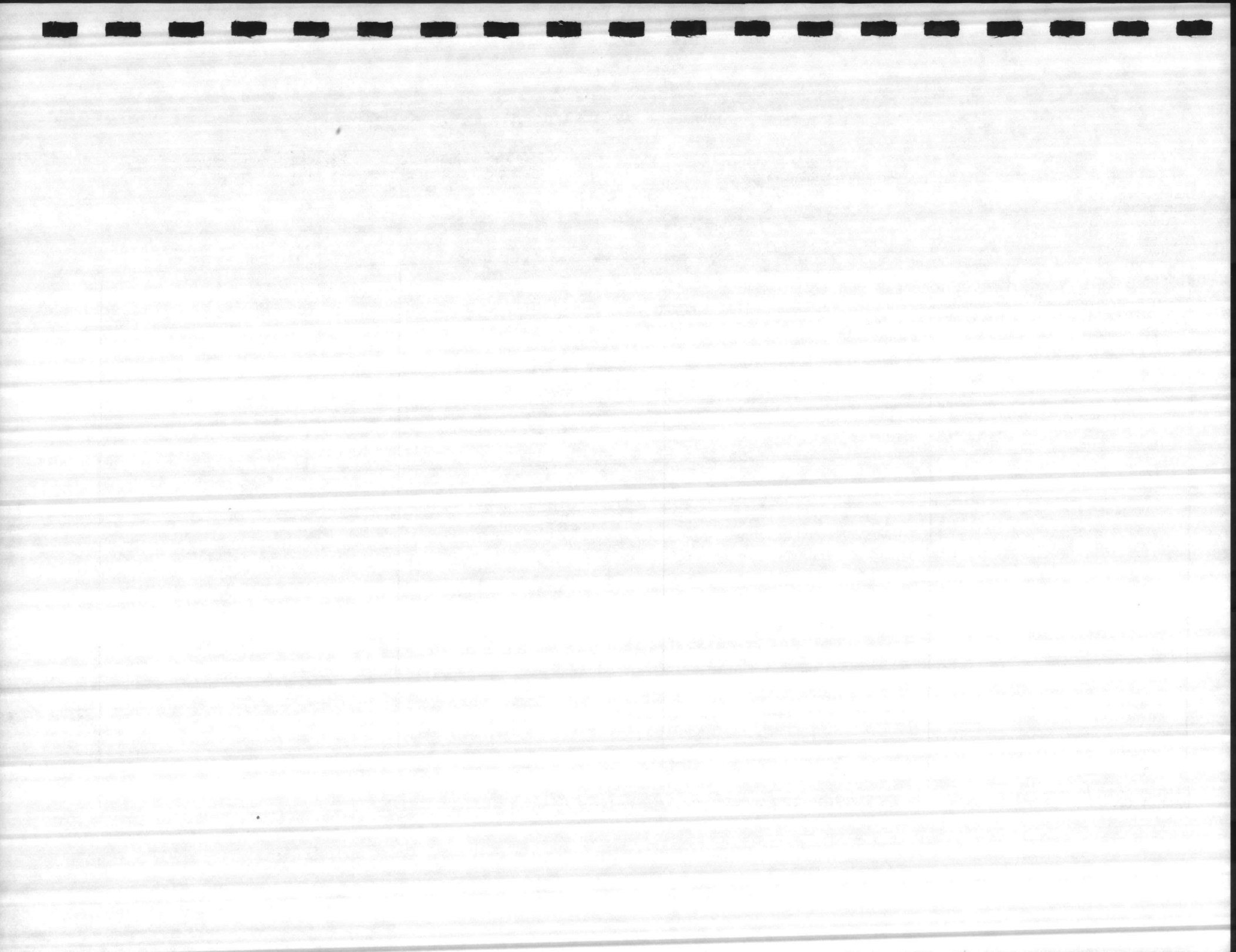
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Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....			

FILE NAME: LP010087

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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: GP-8, MCB, Camp Lejeune, NC

Gun 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)	75 X 75 yds		
Primary Direction of Fire	3640 MILS/205 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP93723808		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

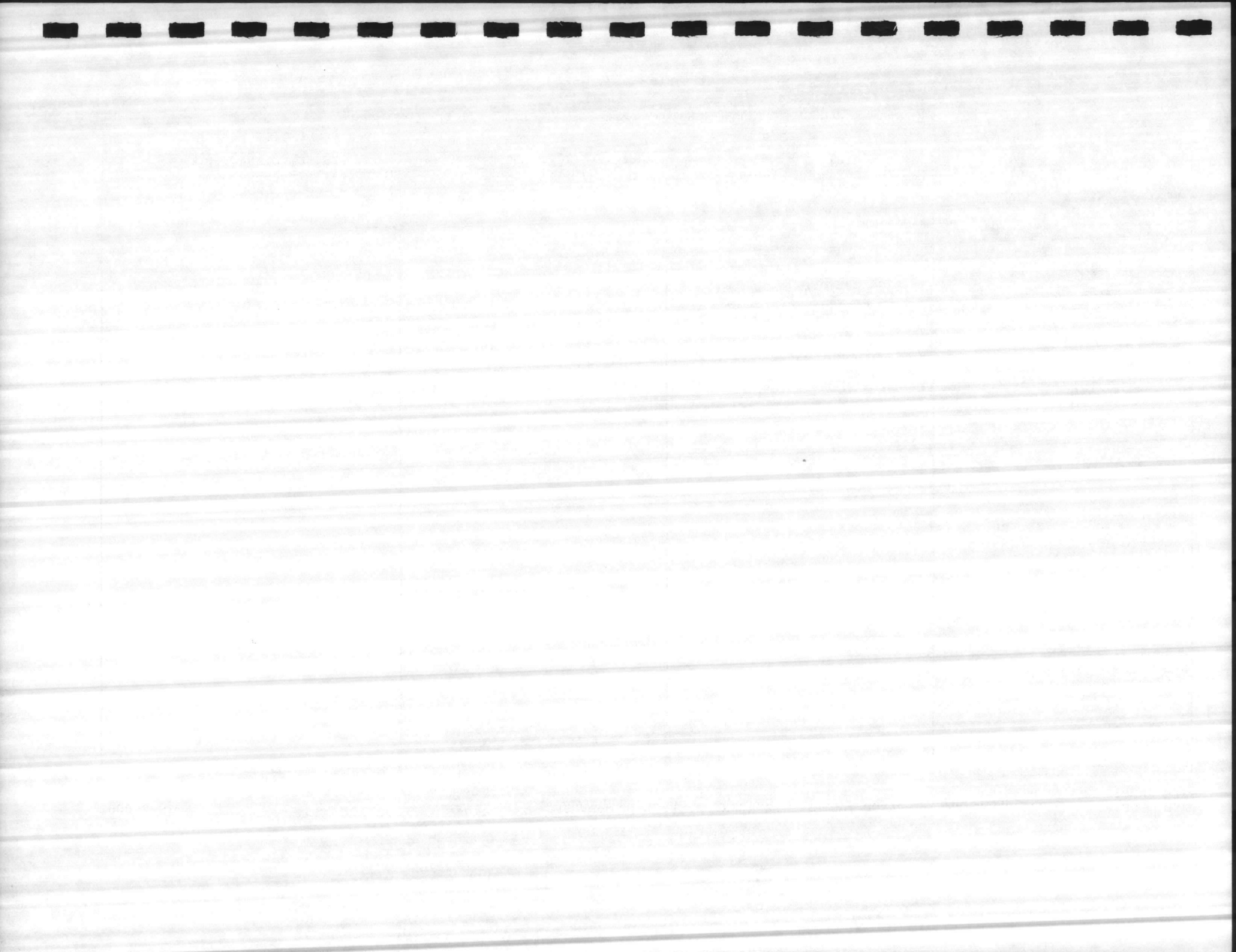
FILE NAME: LP010088

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

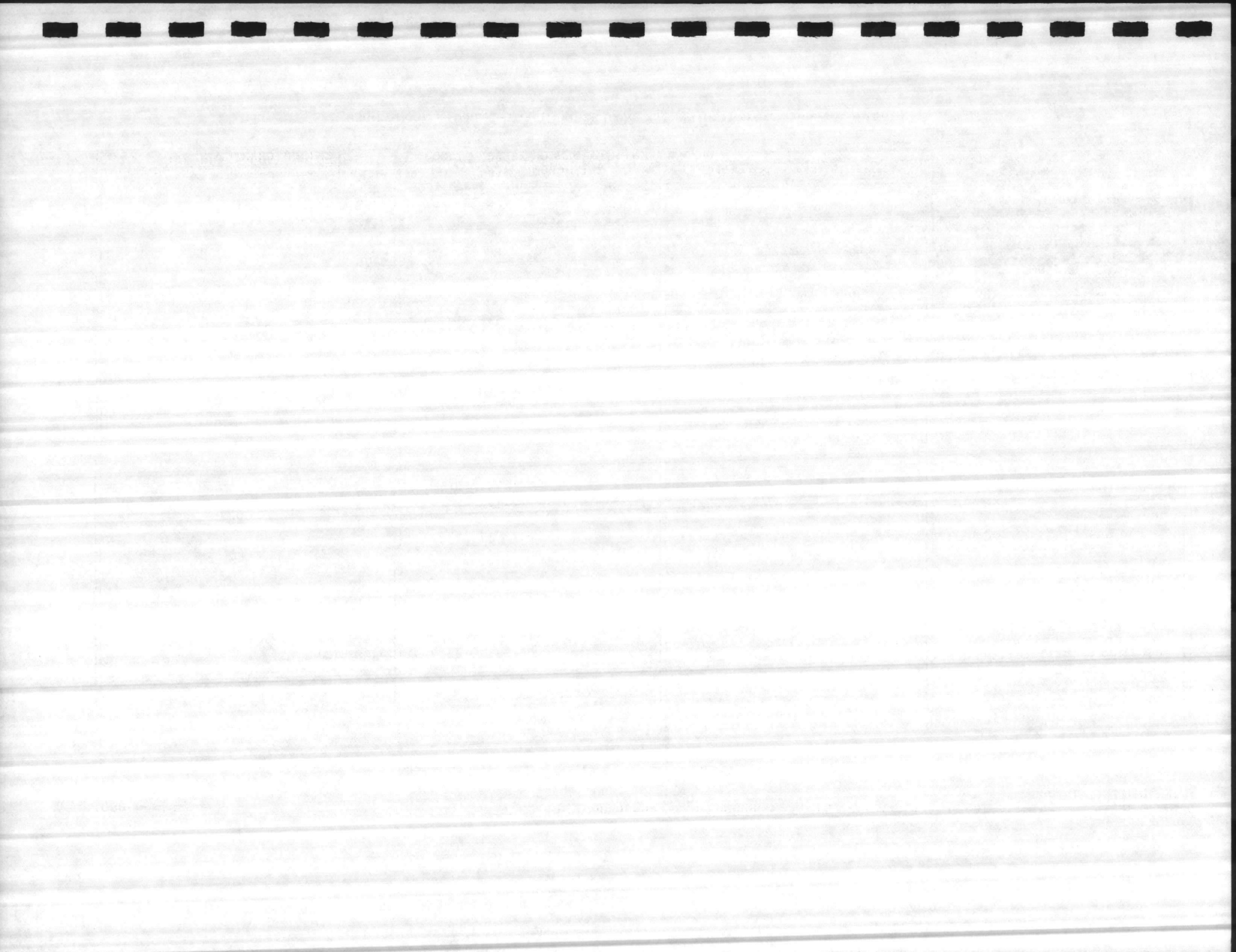
LFRTS-P-0001





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

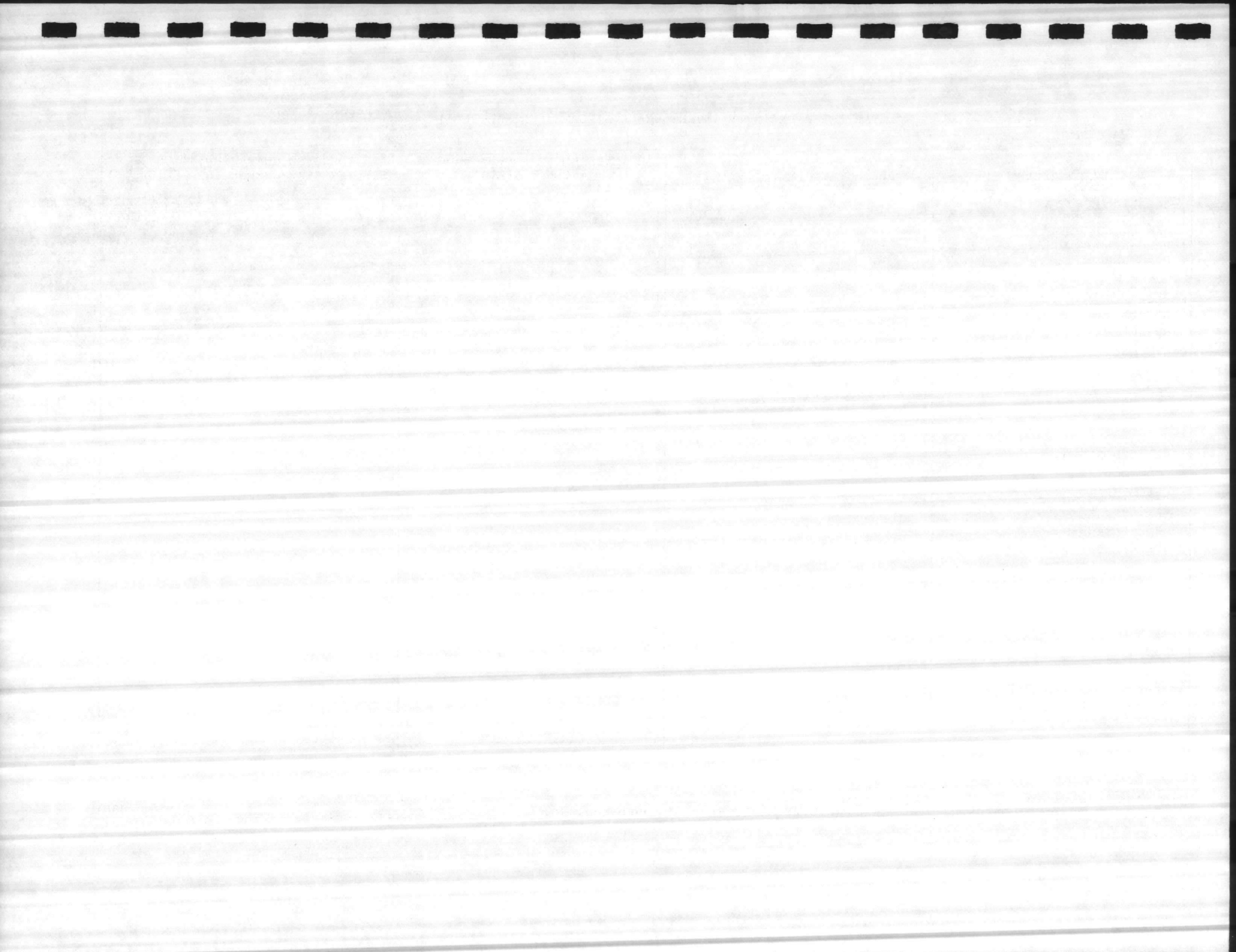
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

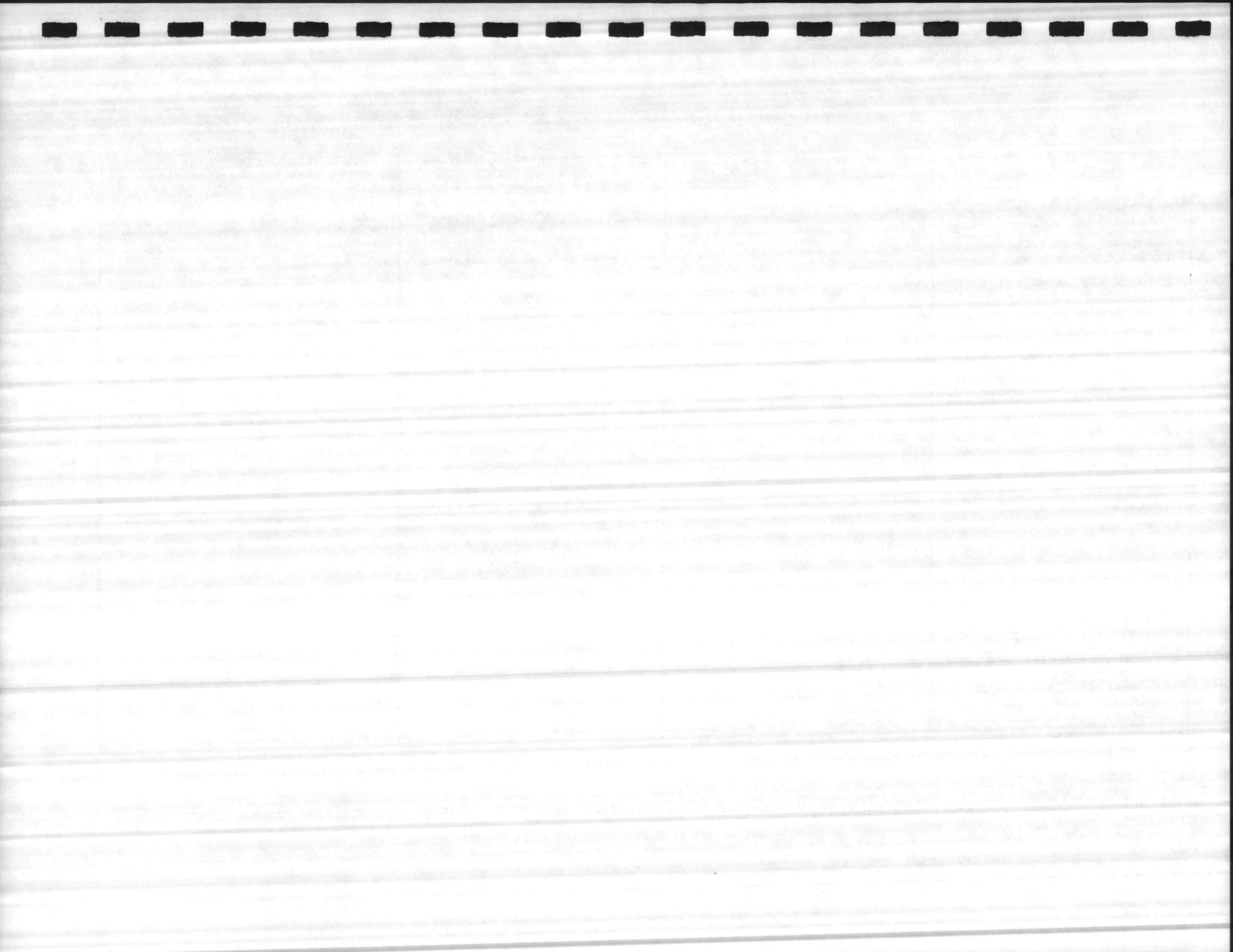
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal..... X			
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling..... 75			
Percentage Swamp.....			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level..... 25			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand..... 85			
Percentage Clay.....			
Percentage Swamp/Marsh.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Loamy.....			
Percentage Other..... 15 Road			





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

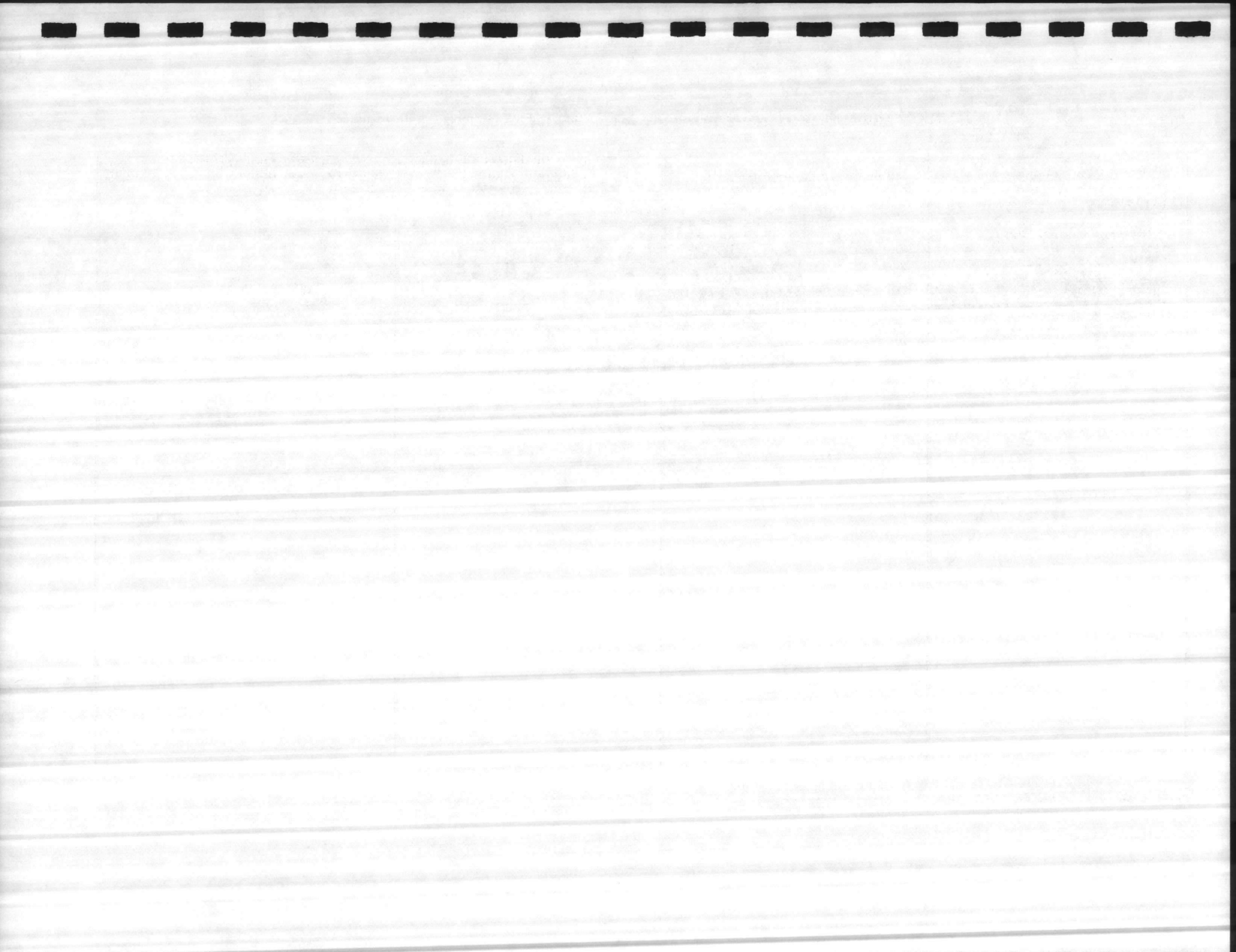
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	25	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....	75	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	3	.....	.....
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).....	7	.....	.....
Ammunition (km).....	10	.....	.....
Rations (km).....	7	.....	.....
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	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.....	10 ..... 10 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	F-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	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		

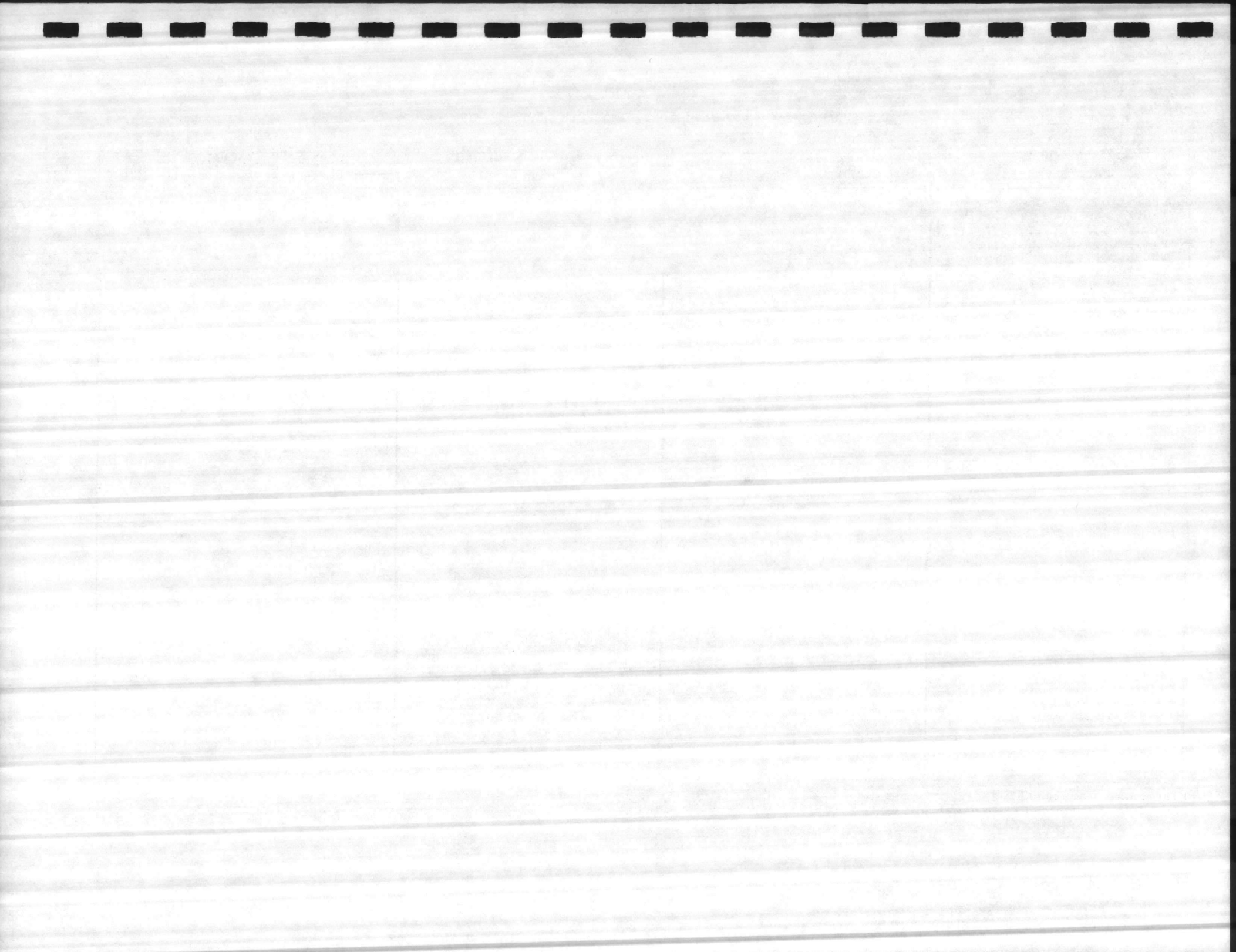
FILE NAME: LP010088

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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:

- X  Live-Fire Full Caliber
- Live-Fire Subcaliber
- Simulator
- Maneuver Area
- Associated Air Space
- Other

RANGE NAME AND LOCATION: GP-9, MCB, Camp Lejeune, NC

Gun 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)	100 X 170 yds		
Primary Direction of Fire	700 MILS/38 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP93833715		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

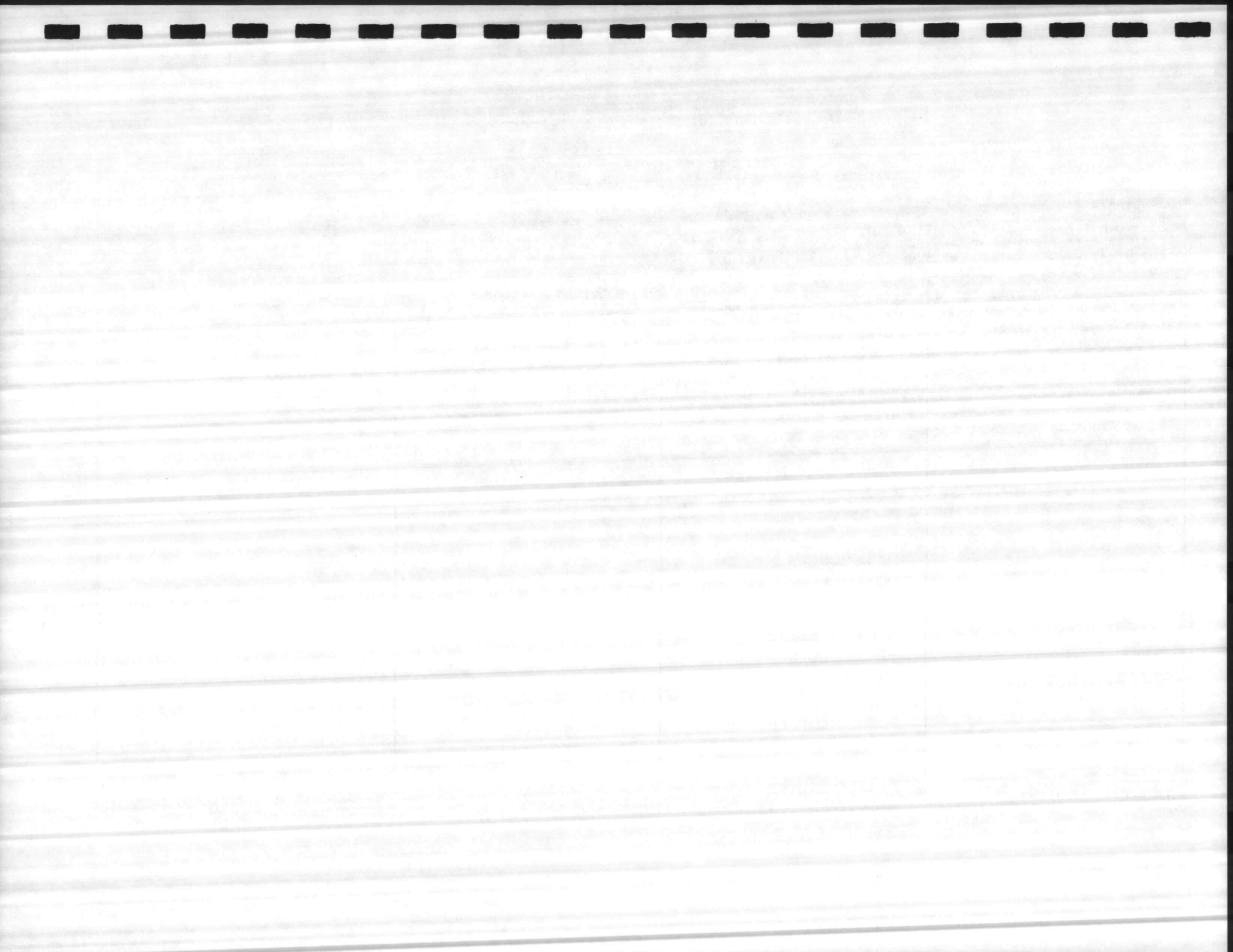
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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

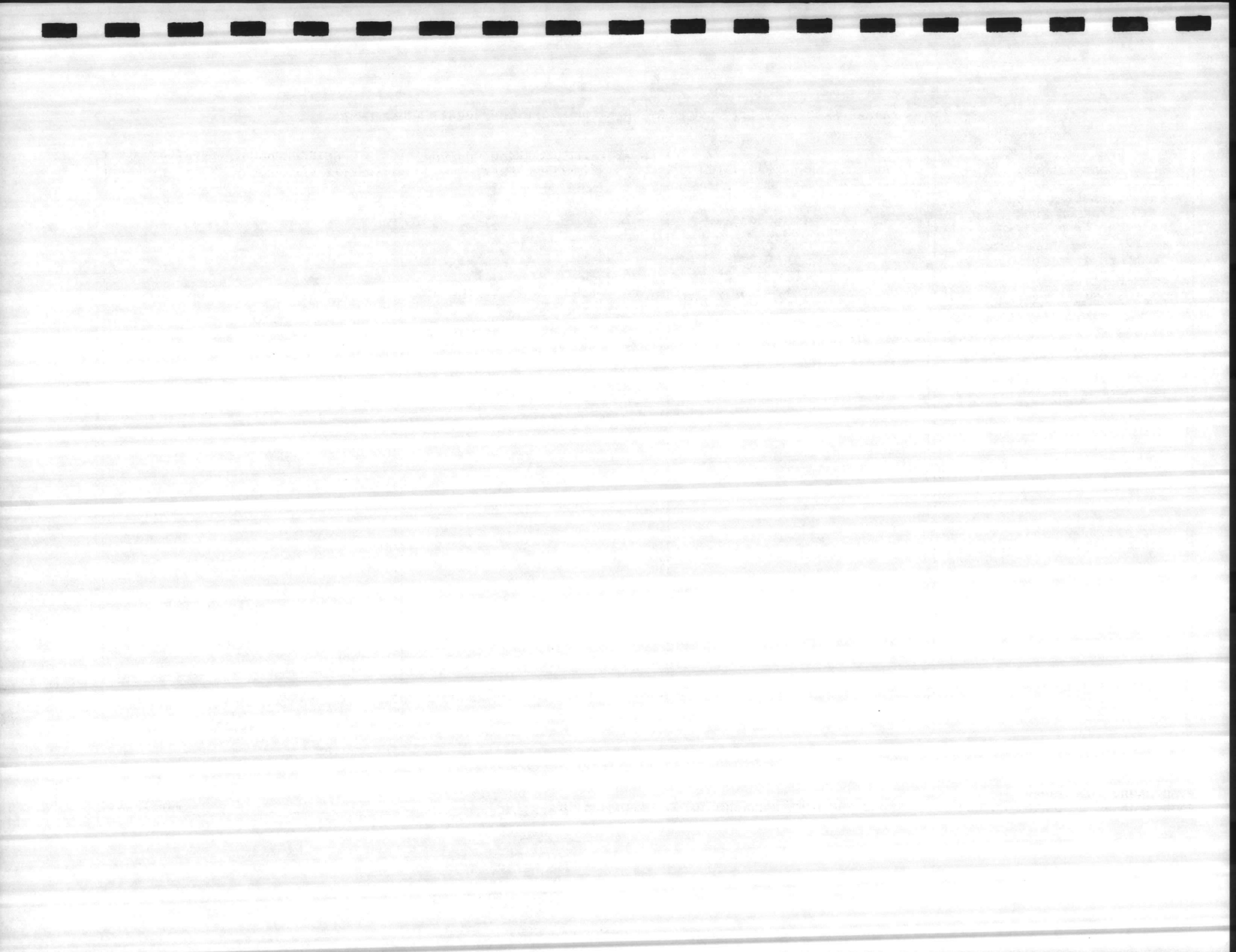
LFRTS-P-0001





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..... 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	105-mm, 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..... 75 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other..... 25 Road		NOT APPLICABLE	NOT APPLICABLE

FILE NAME: LP010089

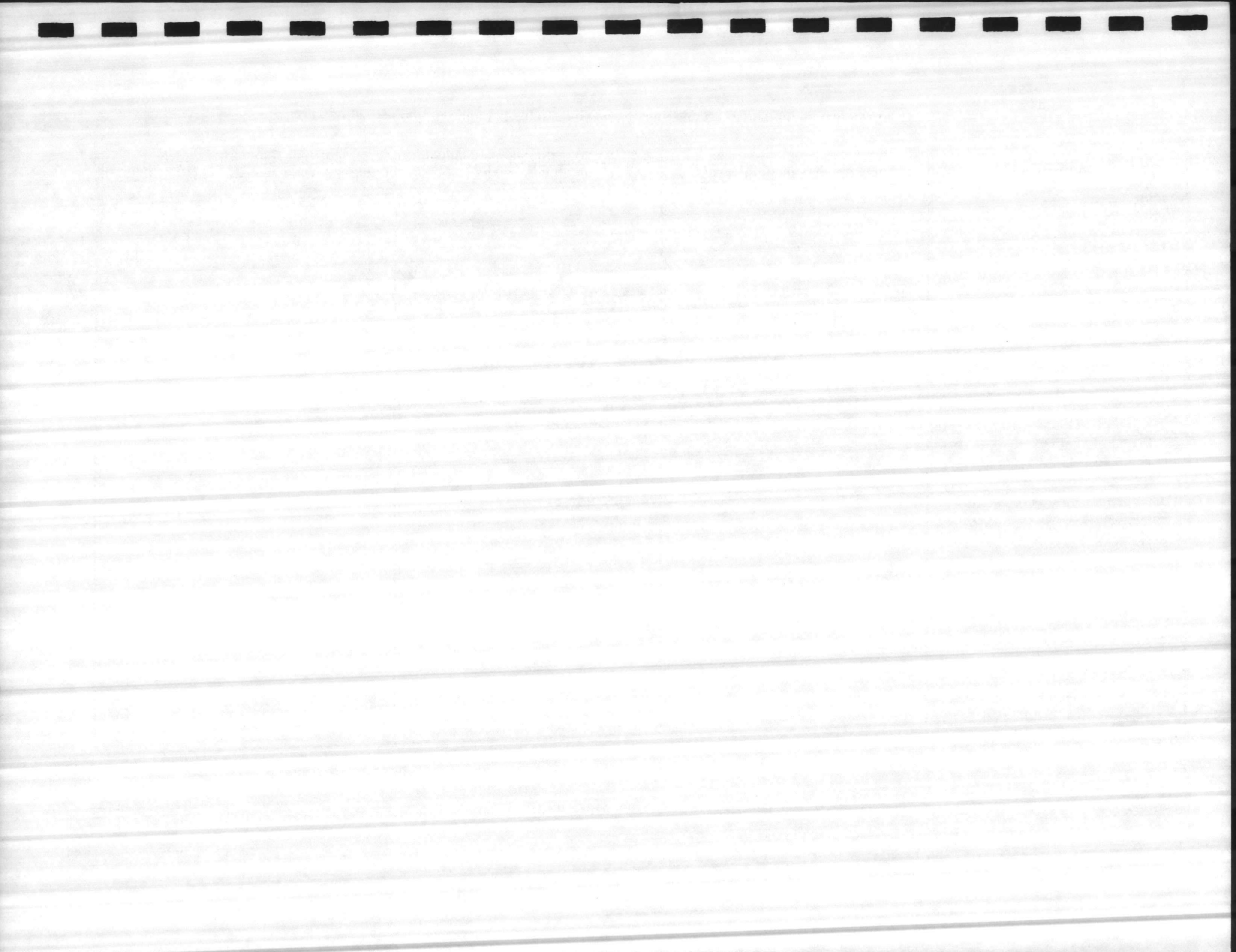
PAGE 3 OF 6

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)
Vegetation			
Percentage None.....	25	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....	75	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	3	.....	.....
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).....	8	.....	.....
Ammunition (km).....	10	.....	.....
Rations (km).....	8	.....	.....
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		

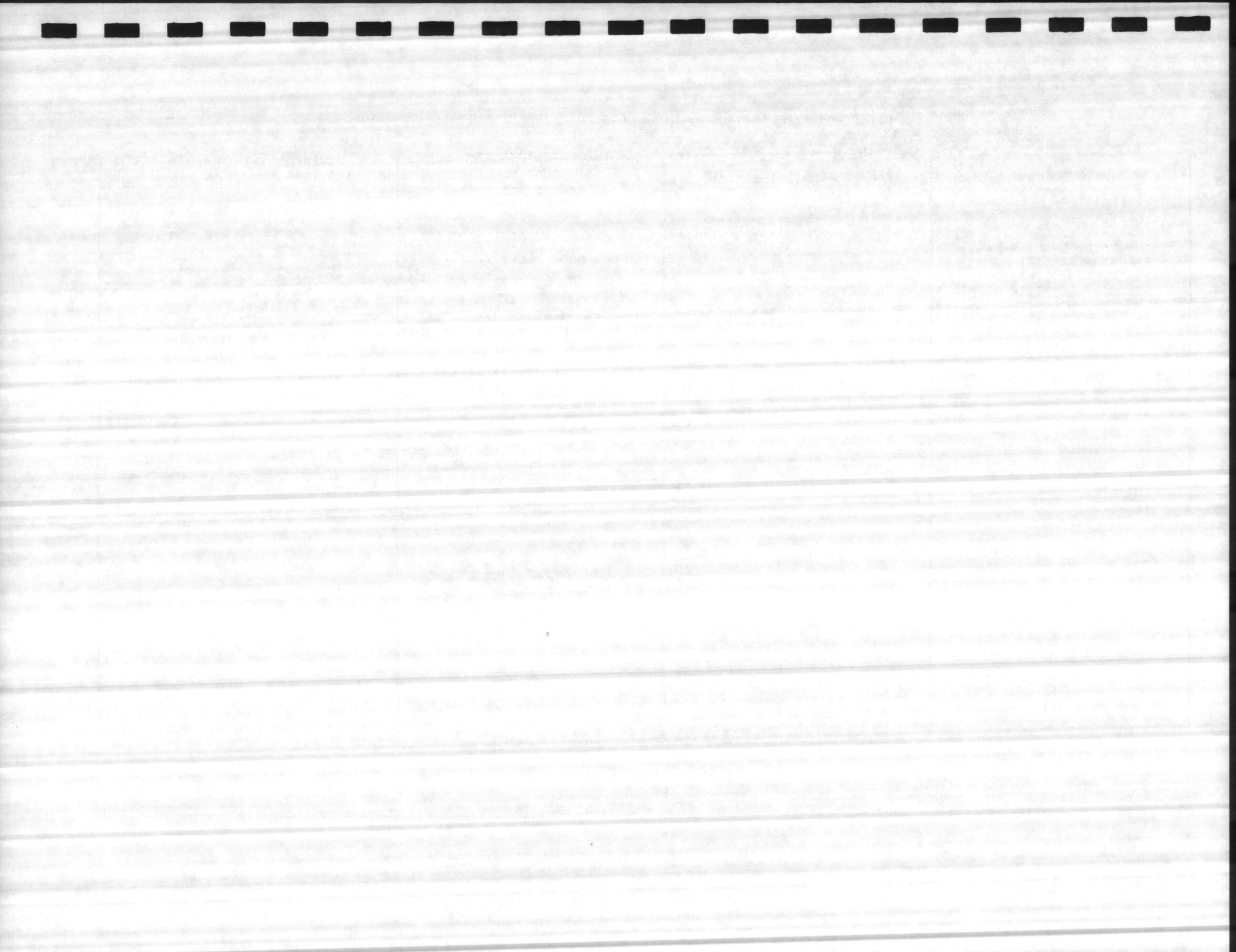
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DATE: 03/05/87

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

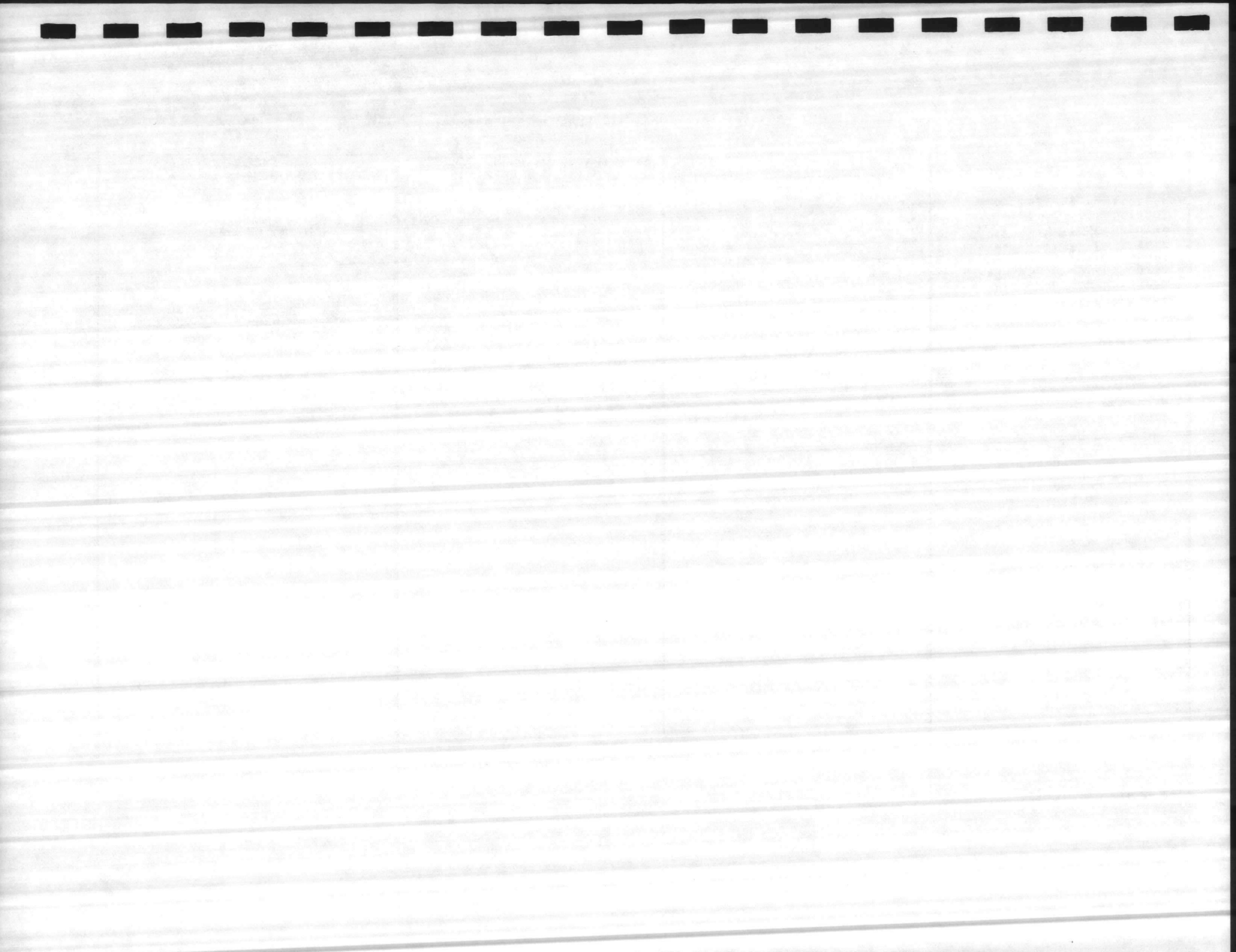
LFRTS-P-0001



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

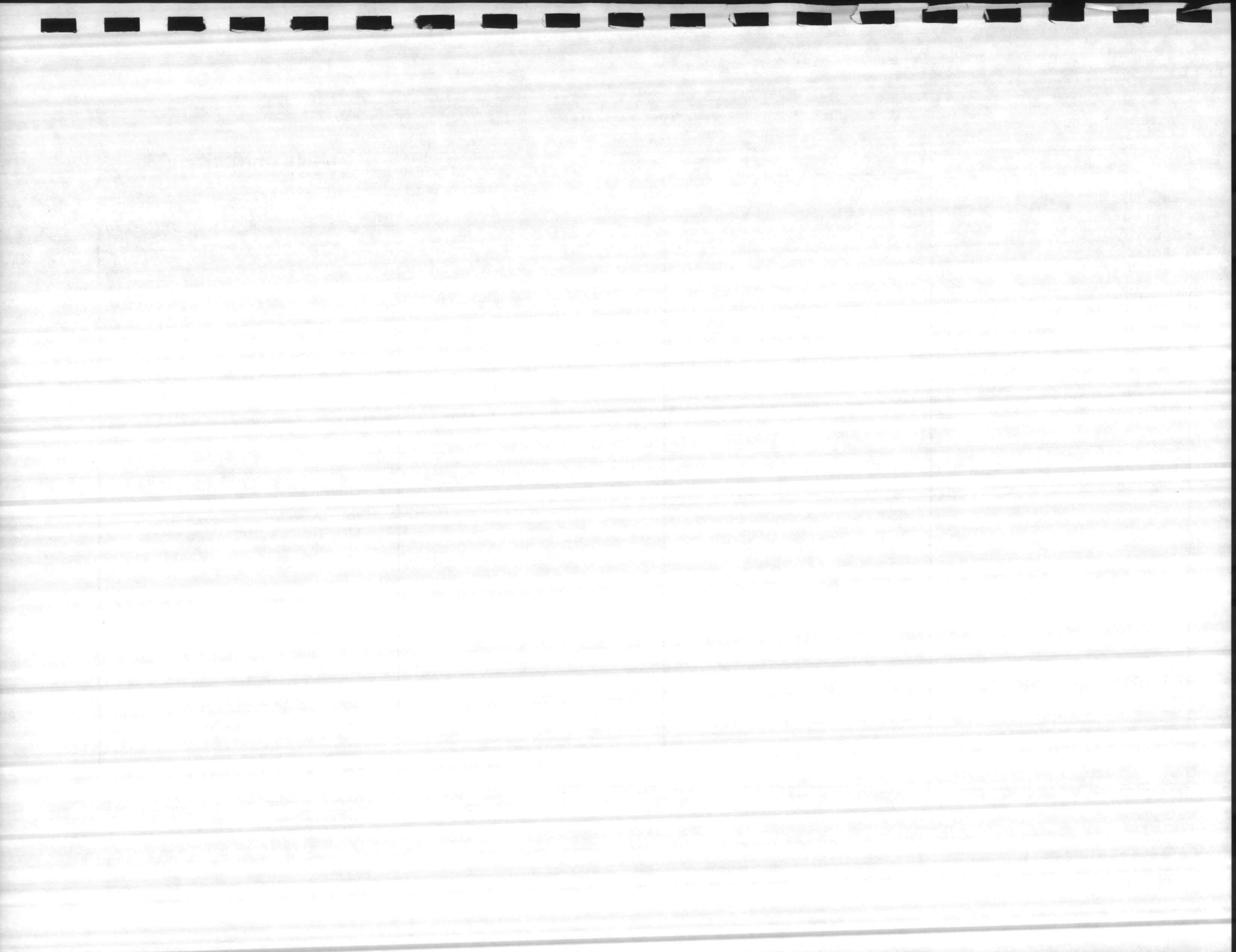
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year			
Total.....	10	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
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 .....	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: GP-10, MCB, Camp Lejeune, NC

Gun 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)	70 X 120 yds		
Primary Direction of Fire	4320 MILS/243 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP95033694		
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.....			

FILE NAME: LP010090

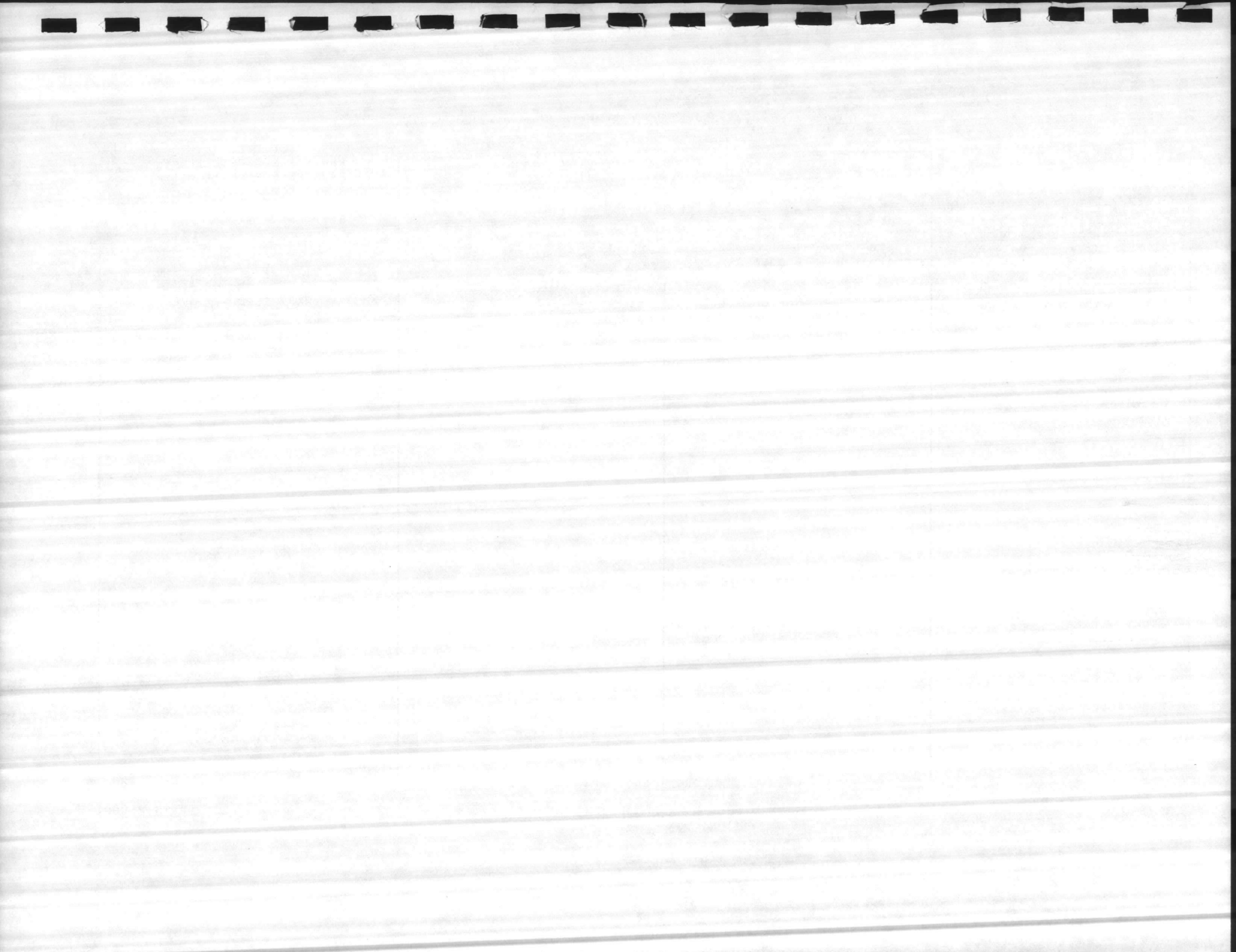
PAGE 1 OF 6

DATE: 03/05/87

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

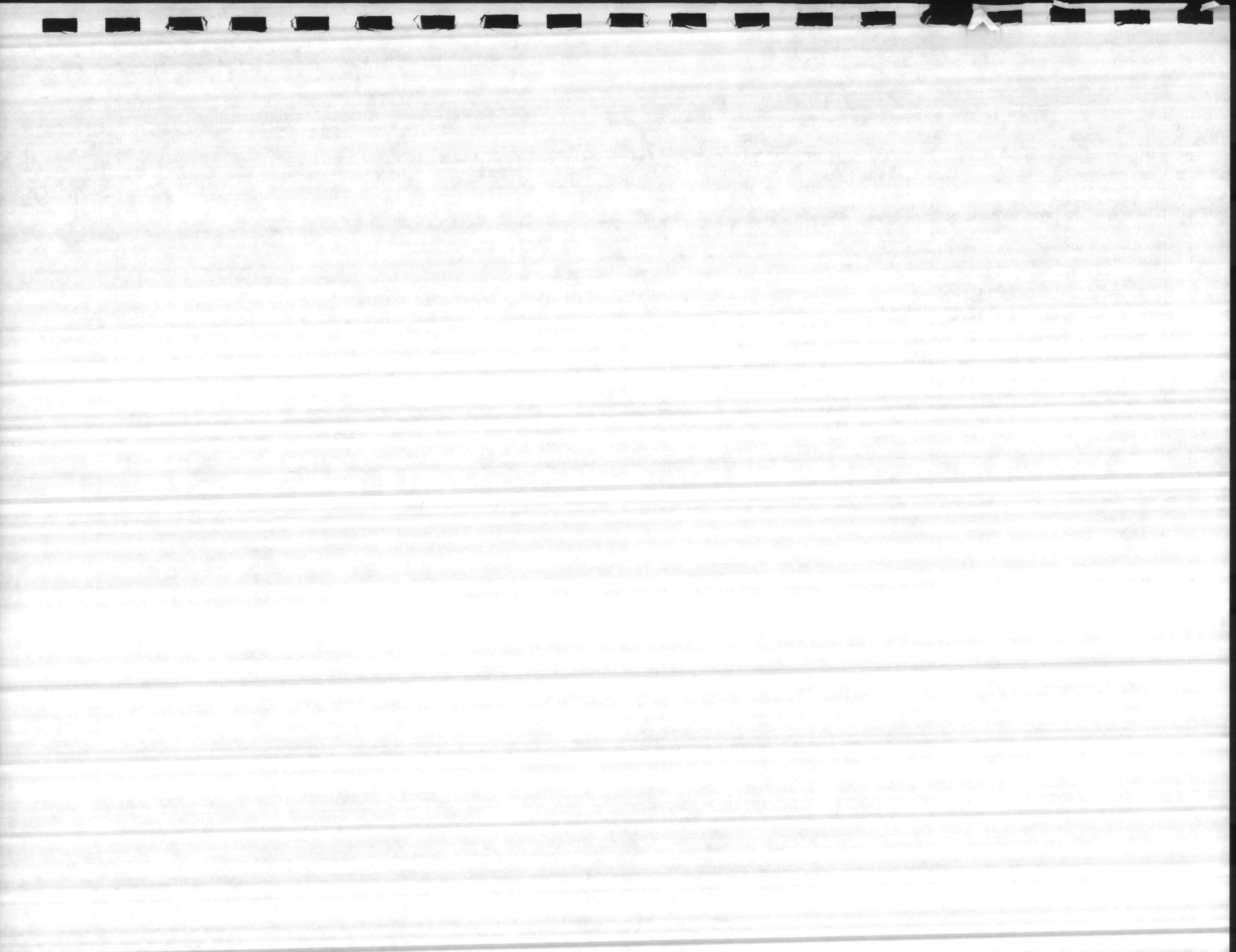
LFRTS-P-0001





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	105-mm, 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..... 75 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 25 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: LP010090

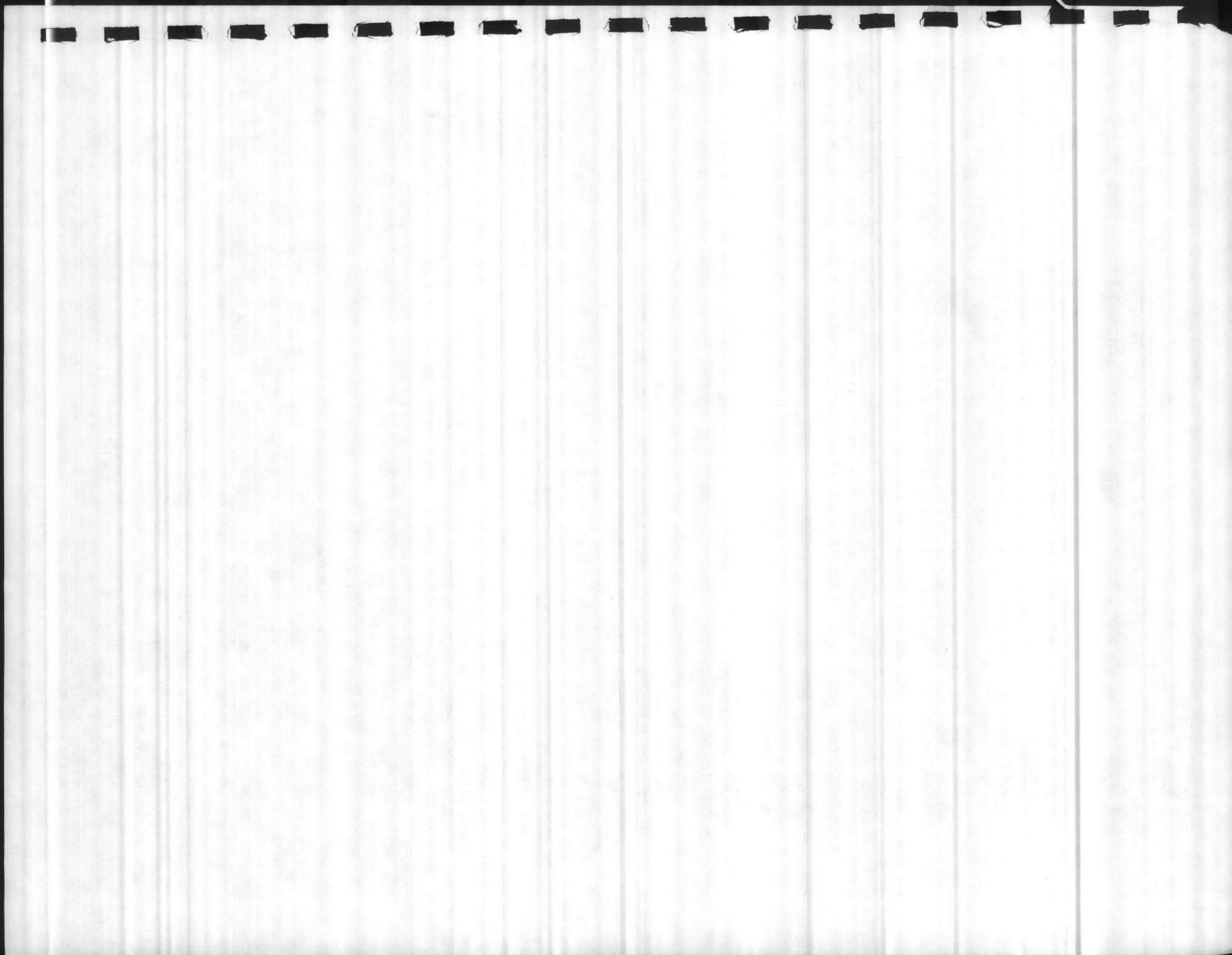
PAGE 3 OF 6

DATE: 03/05/87

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

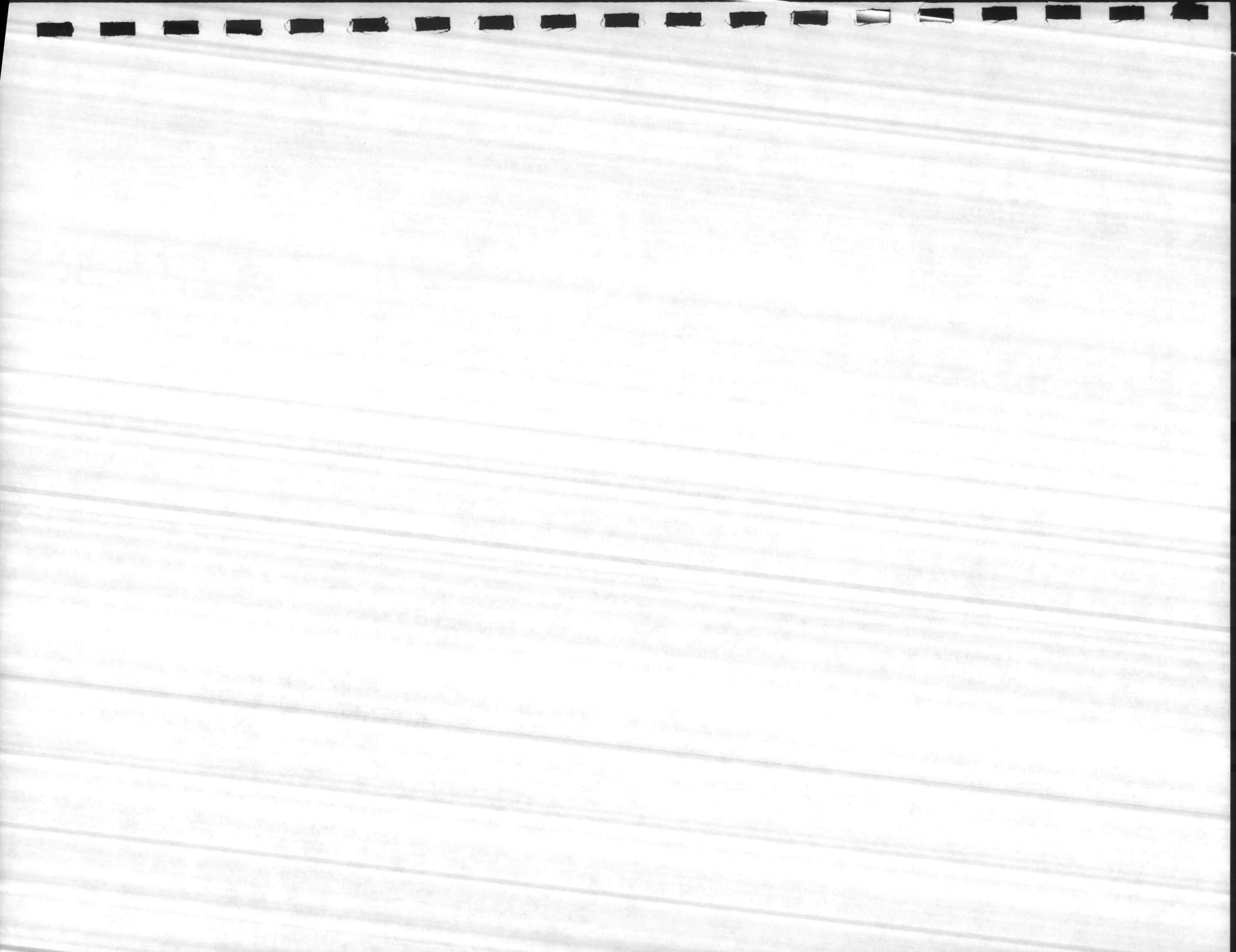
LFRTS-P-0001





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

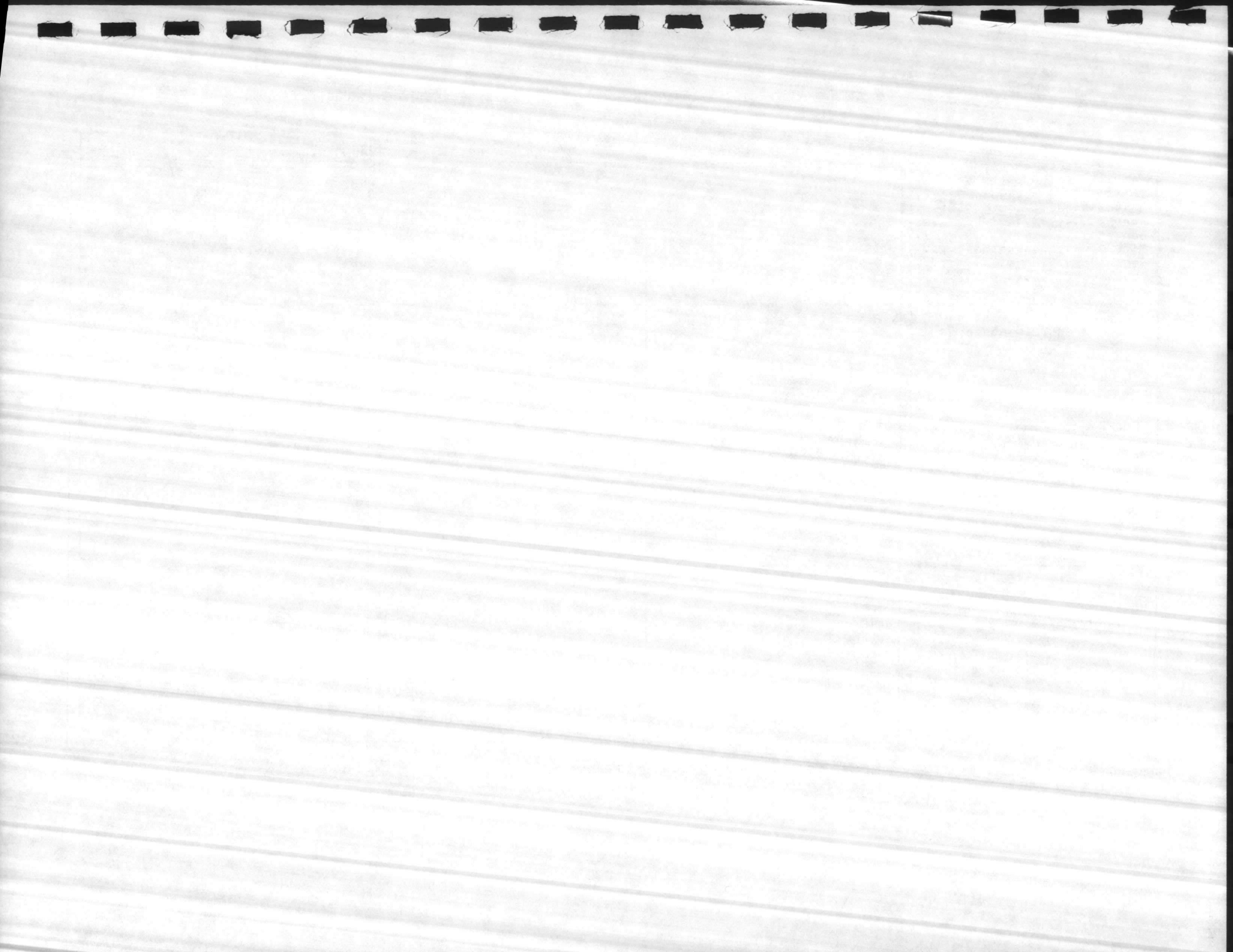
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	25	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....	75	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	3	.....	
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).....	7	.....	
Ammunition (km).....	11	.....	
Rations (km).....	7	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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			



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

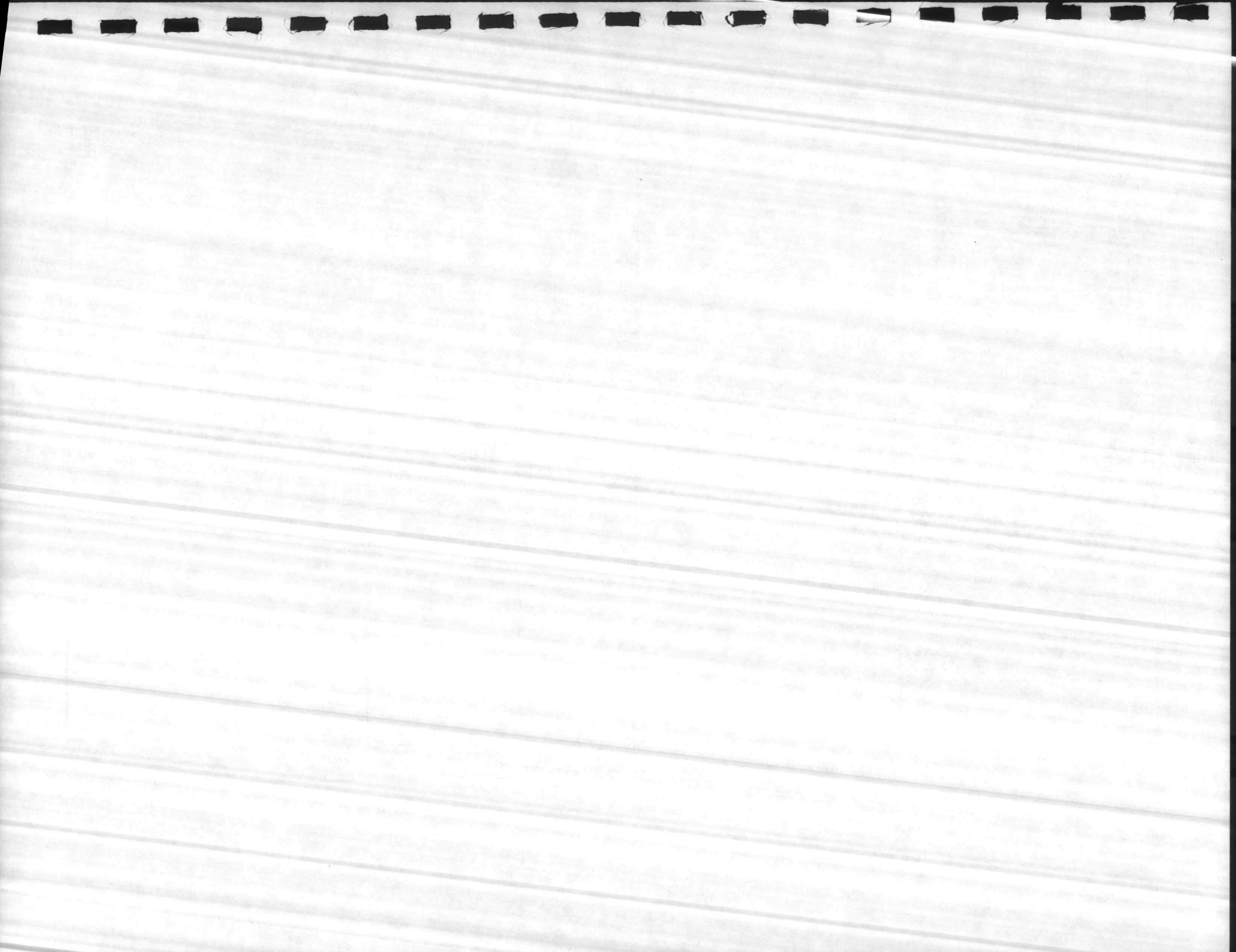
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	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	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 .....			



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: GP-11, MCB, Camp Lejeune, NC  
 Gun 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)	Undefined		
Primary Direction of Fire	1280 MILS/72 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP89483433		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010091

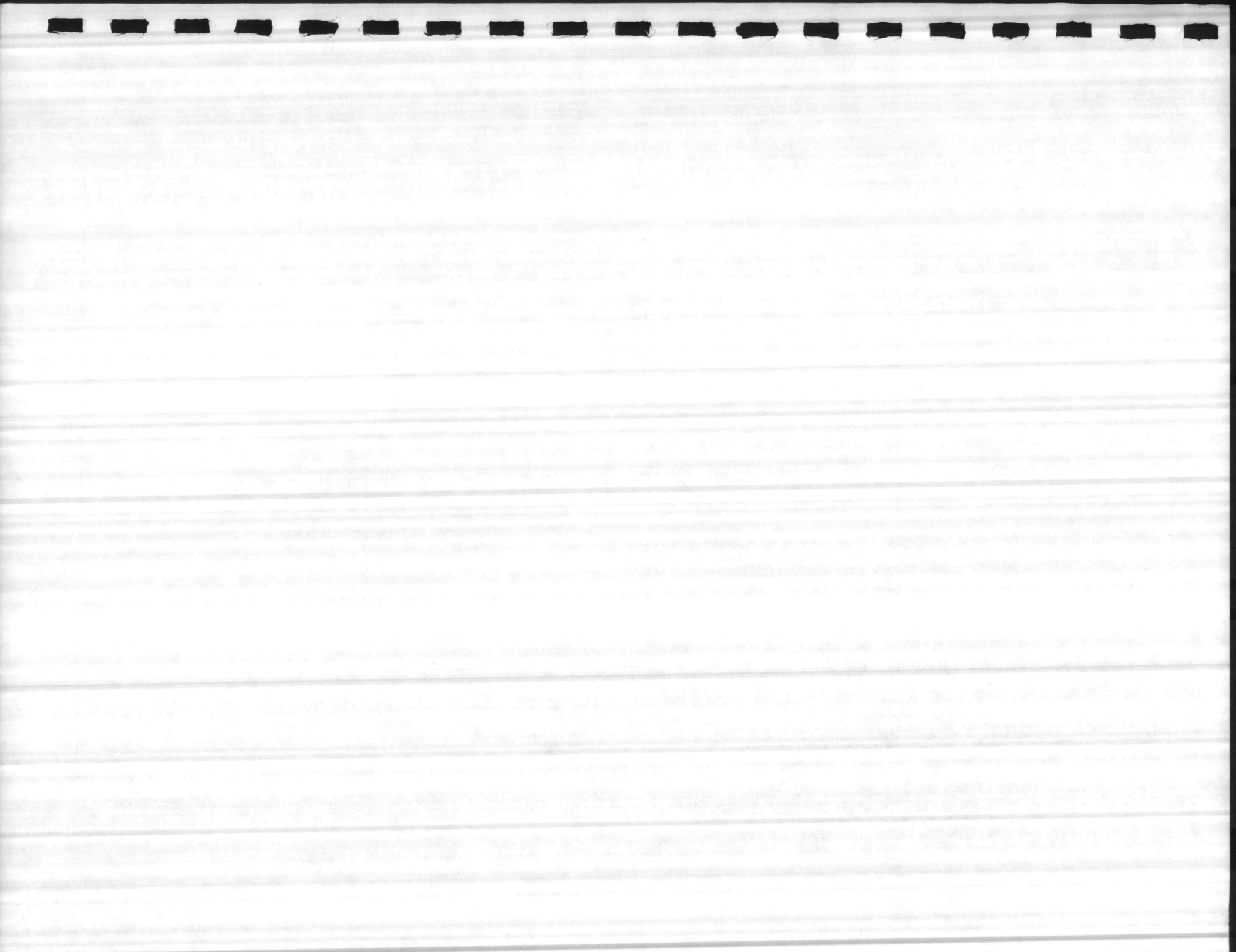
PAGE 1 OF 6

DATE: 03/05/87

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

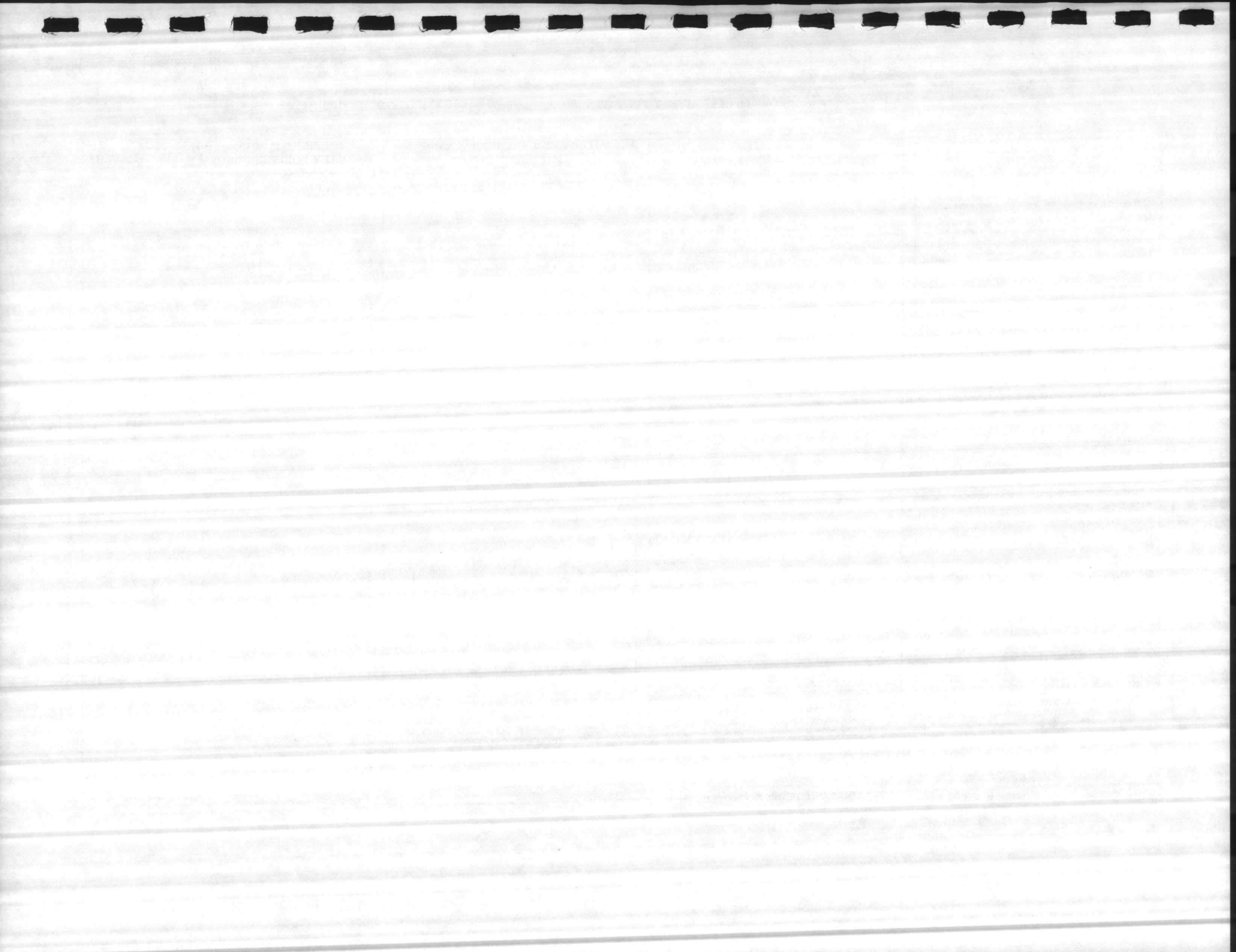
LFRTS-P-0001





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

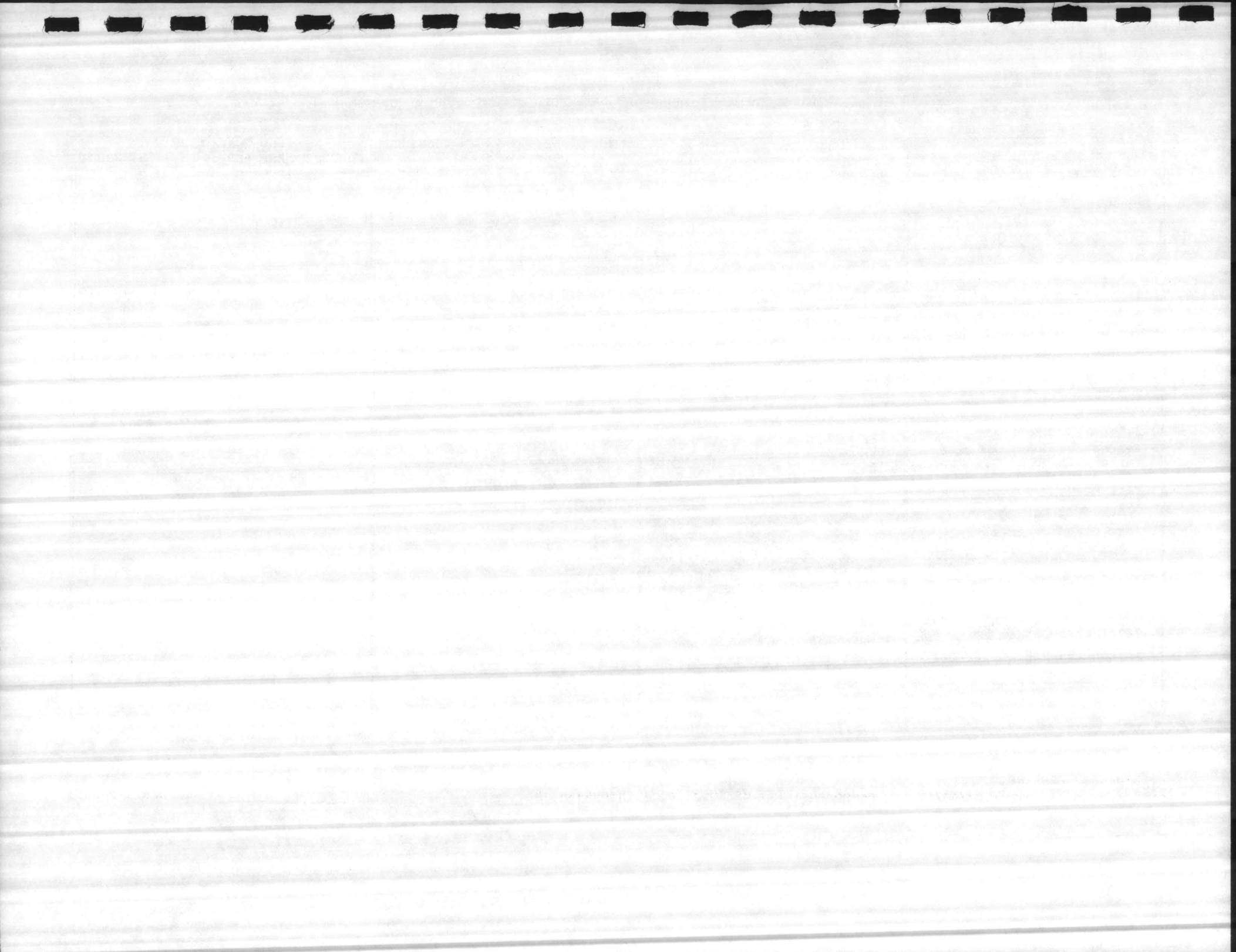
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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	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...	4 ..... ..... ..... .....	..... ..... ..... .....	
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	4 1 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	Undefined ..... ..... .....	..... ..... ..... .....	
Number of Days per Year the Range/Facility is Available	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		

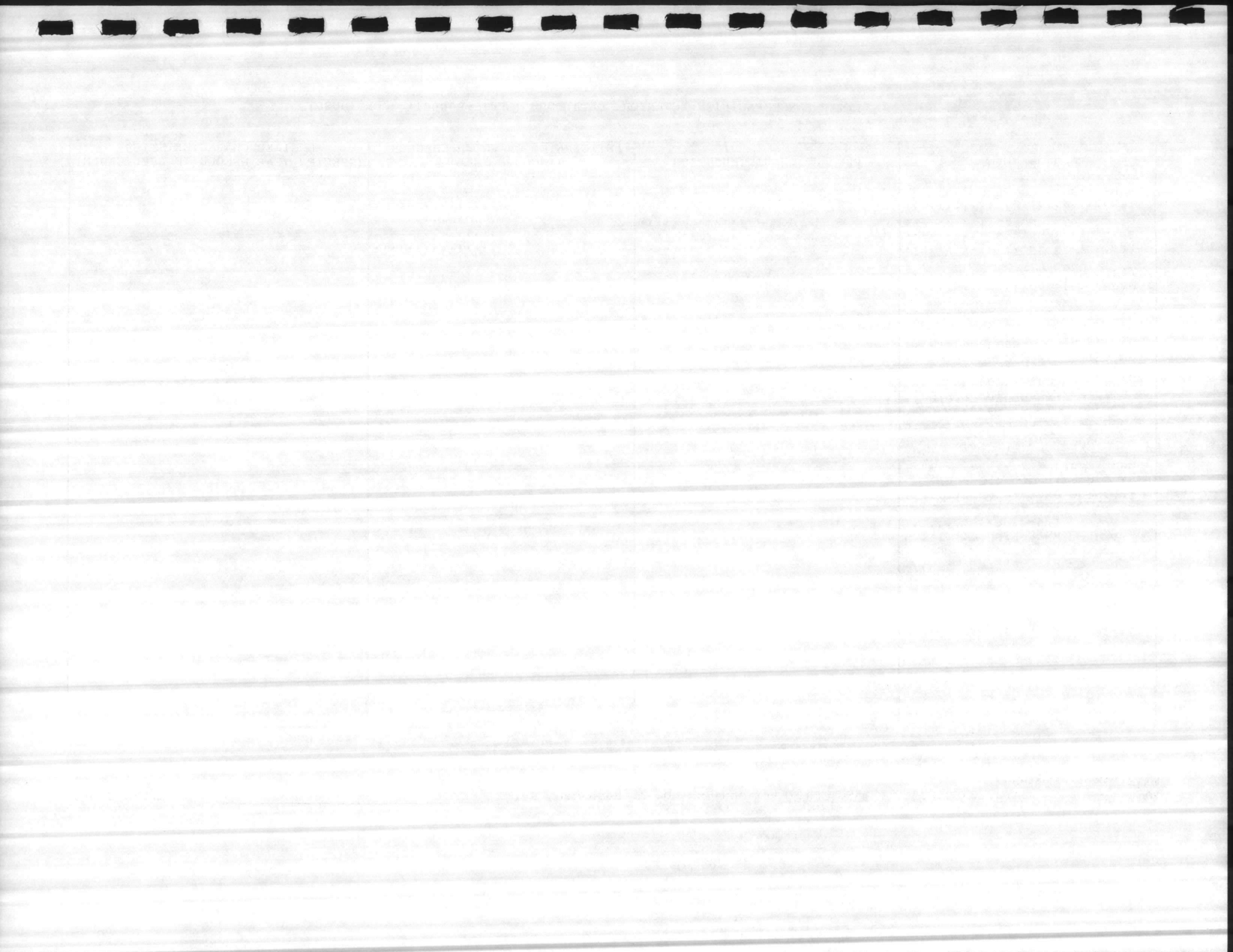
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DATE: 03/05/87

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

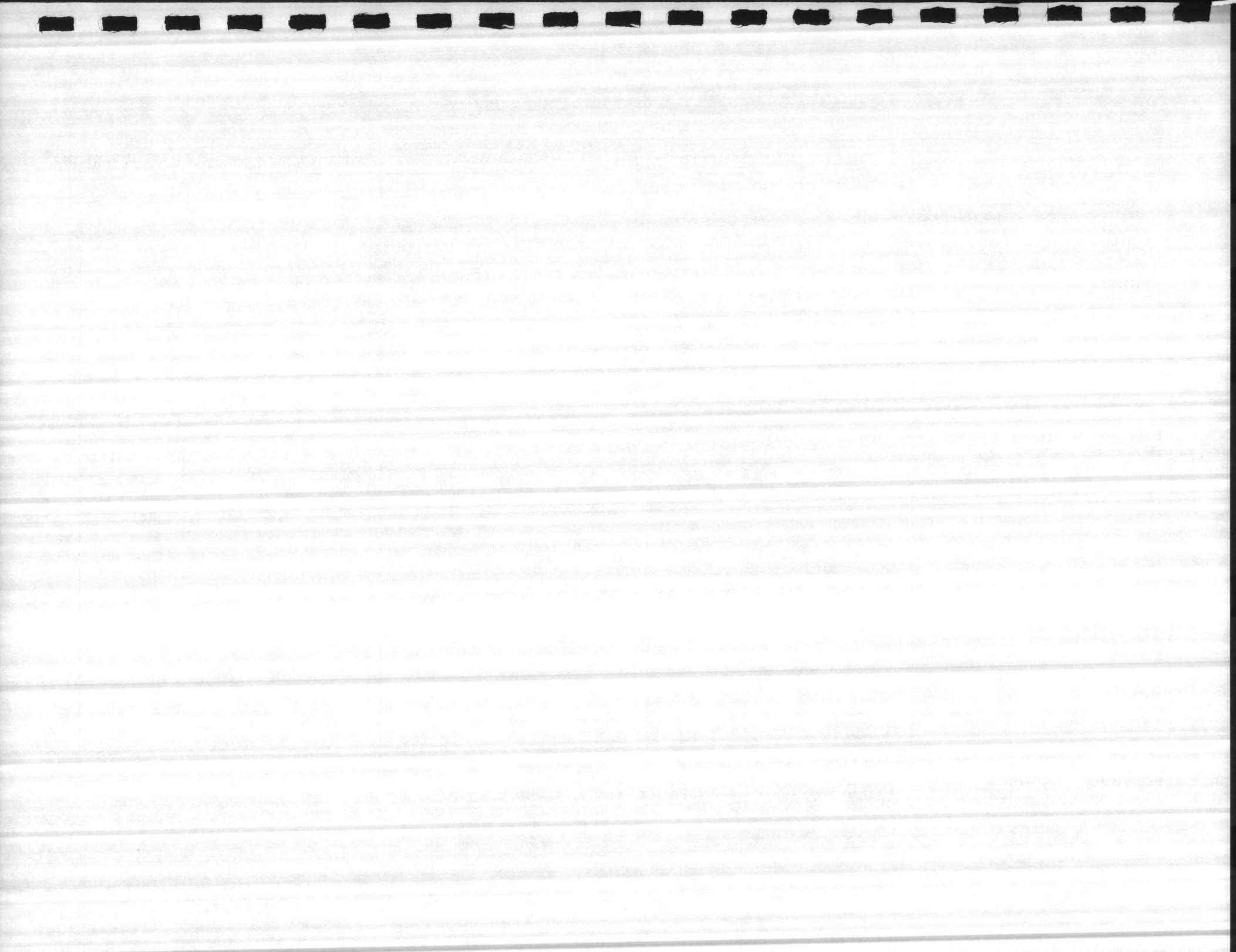
LFRTS-P-0001



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	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)

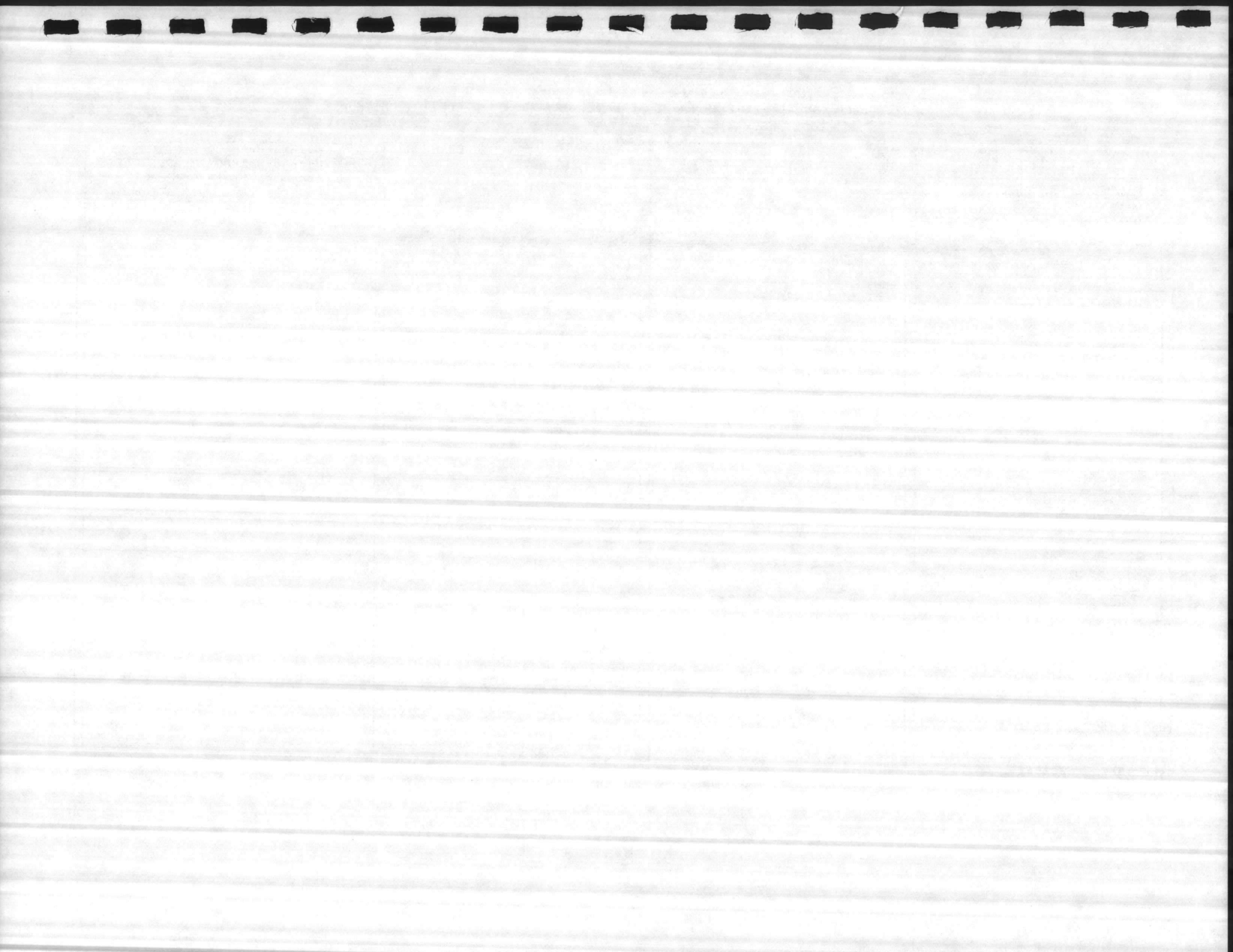
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010091

PAGE 6 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)

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: GP-13, MCB, Camp Lejeune, NC  
 Gun 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)	100 X 200 yds		
Primary Direction of Fire	4800 MILS/270 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP96123528		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010092

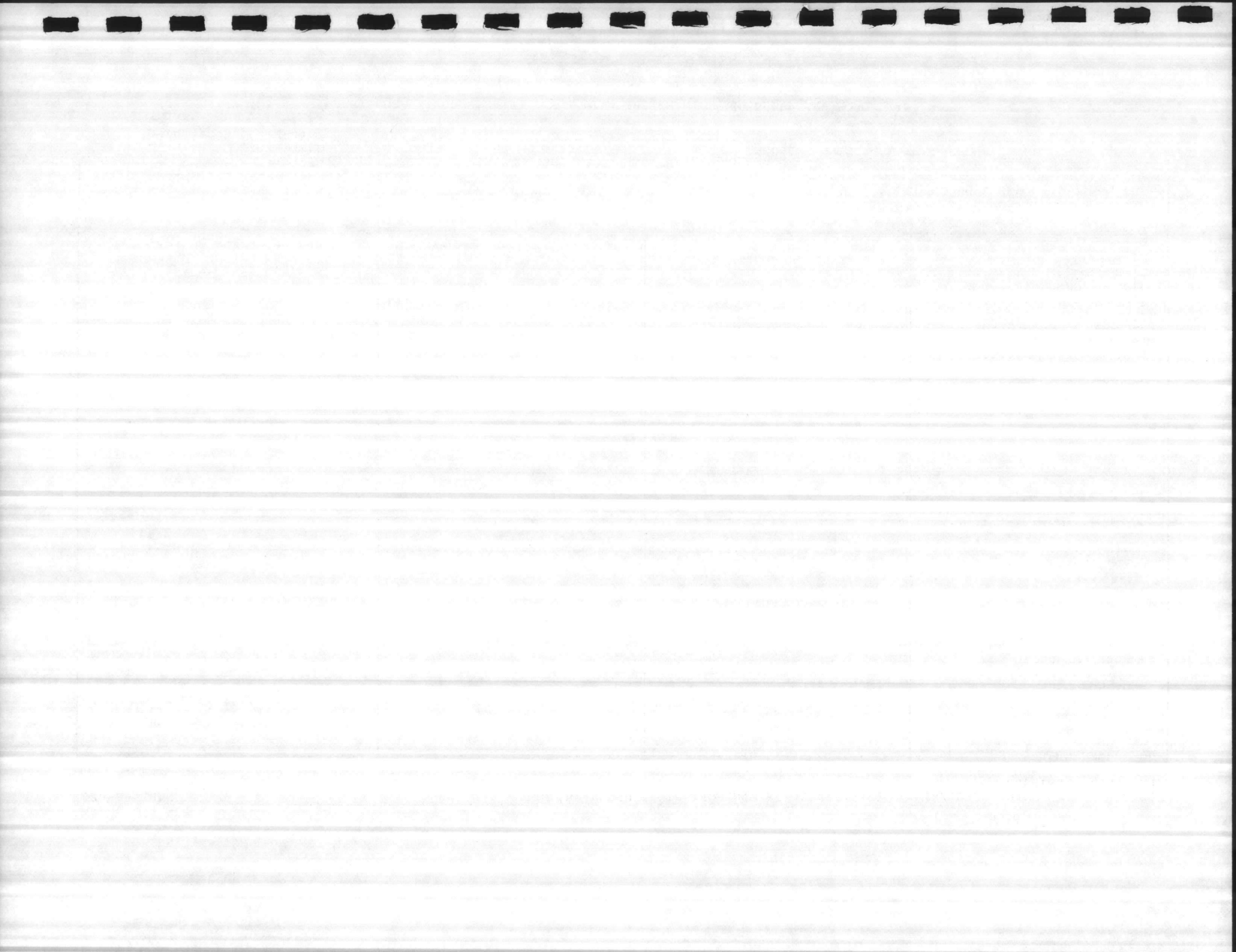
PAGE 1 OF 6

DATE: 03/05/87

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

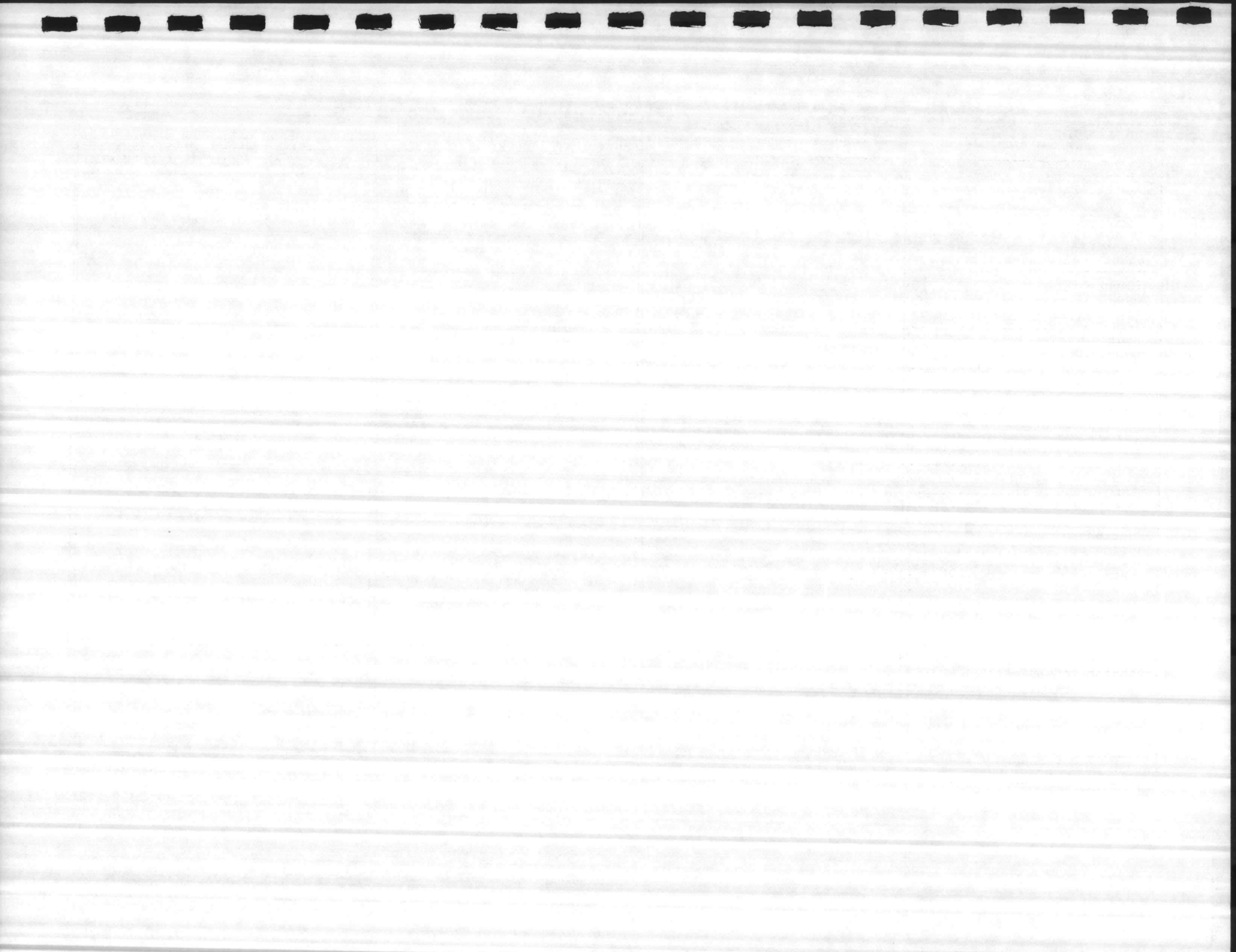
LFRTS-P-0001





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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 75 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water..... 25		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: LP010092

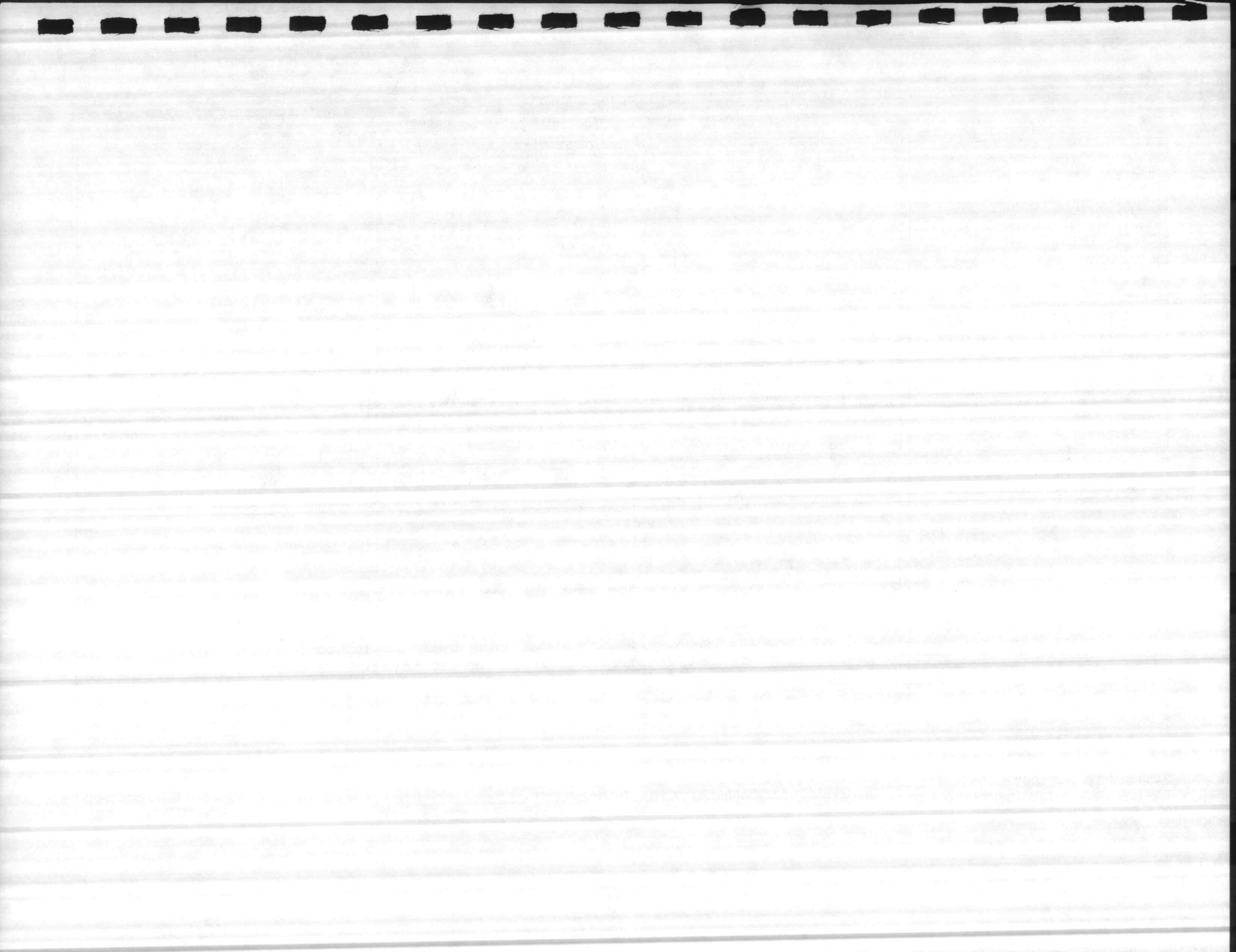
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DATE: 03/05/87

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.....	25	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....	75	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	4	.....	.....
No. of Land Water Routes....	1	.....	.....
No. of Air Ingress Routes...		.....	.....
No. of Air Egress Routes....		.....	.....
No. of Beach Access Areas...		.....	.....
Distance from Supply Points			
POL (km).....	17	.....	.....
Ammunition (km).....	13	.....	.....
Rations (km).....	17	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		

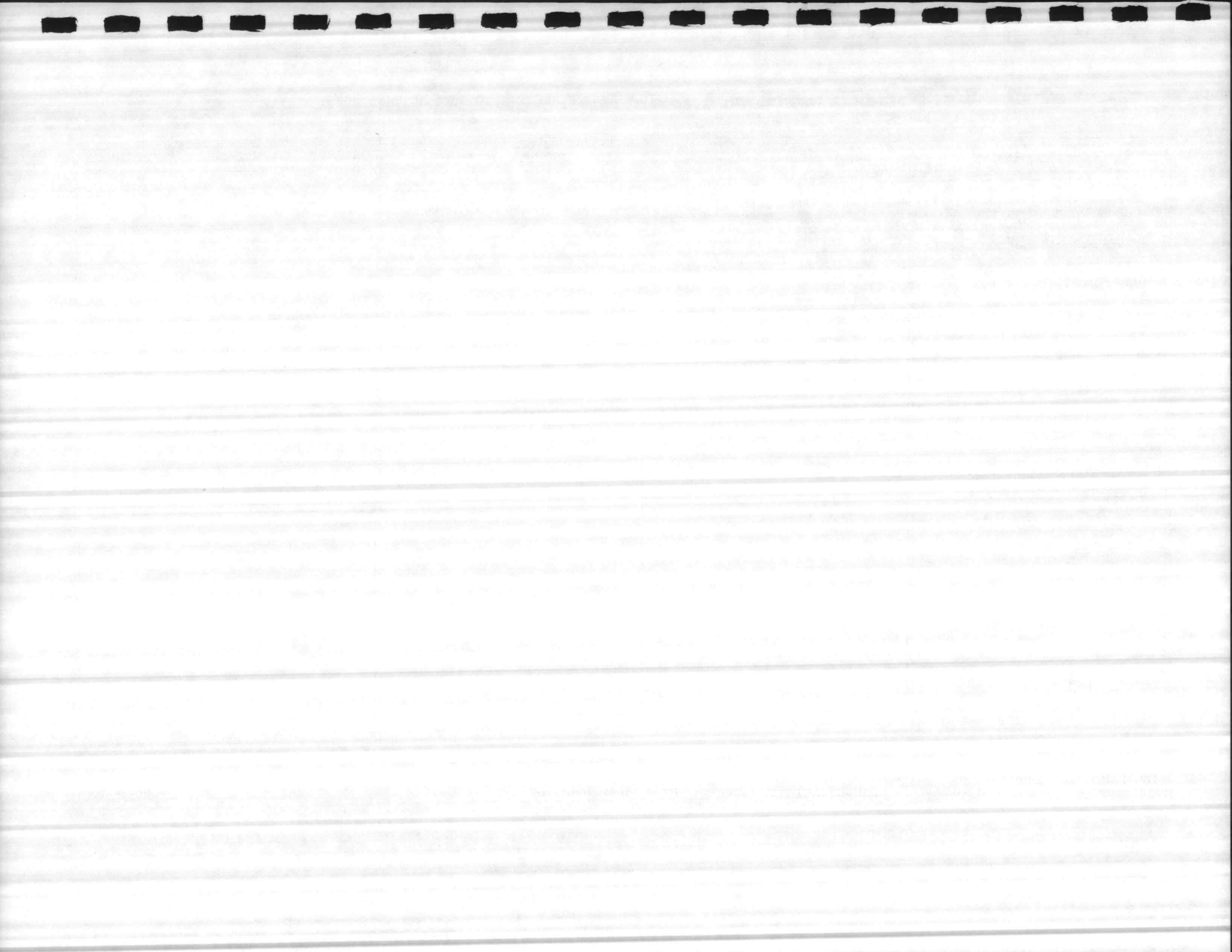
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DATE: 03/05/87

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

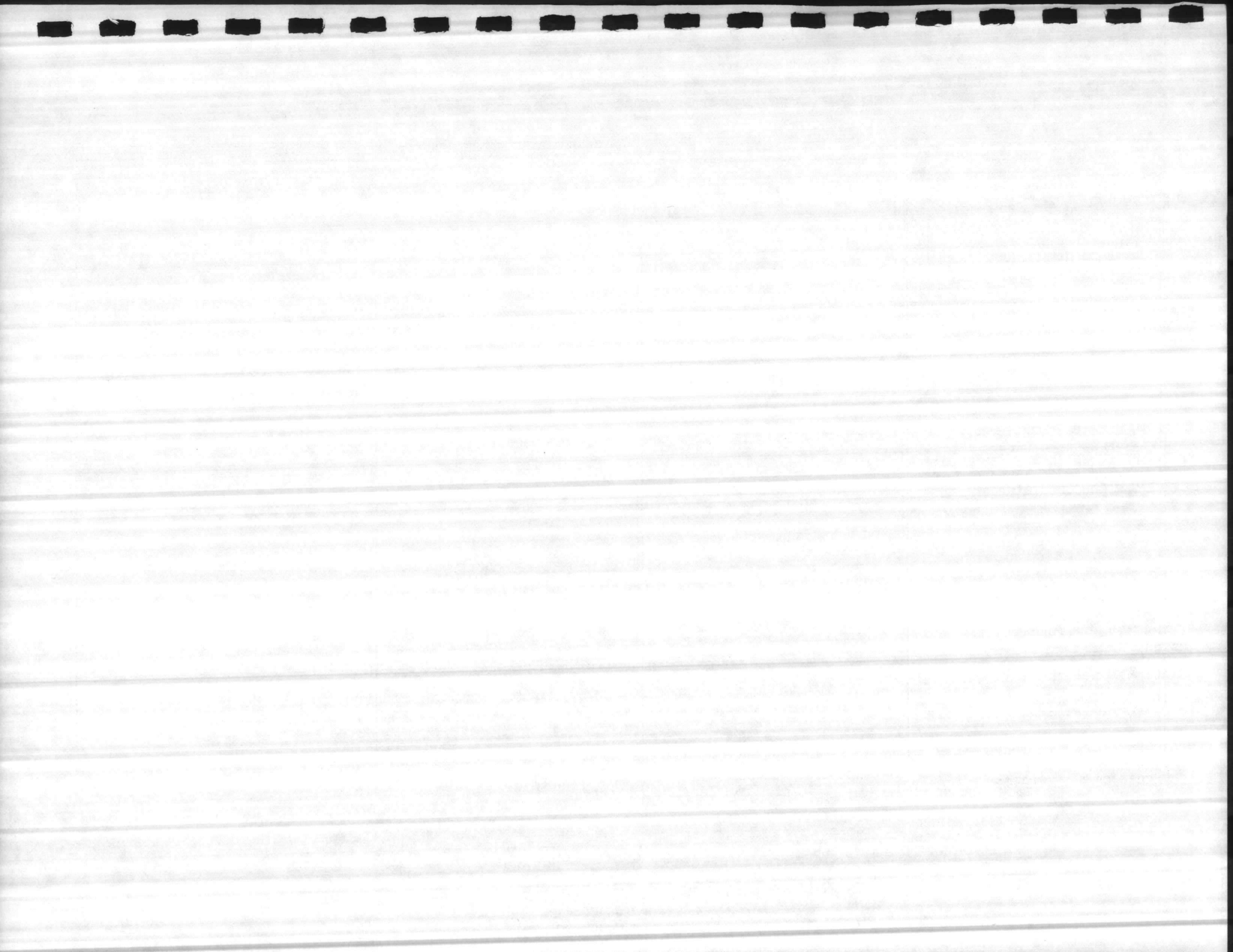
LFRTS-P-0001



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	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		

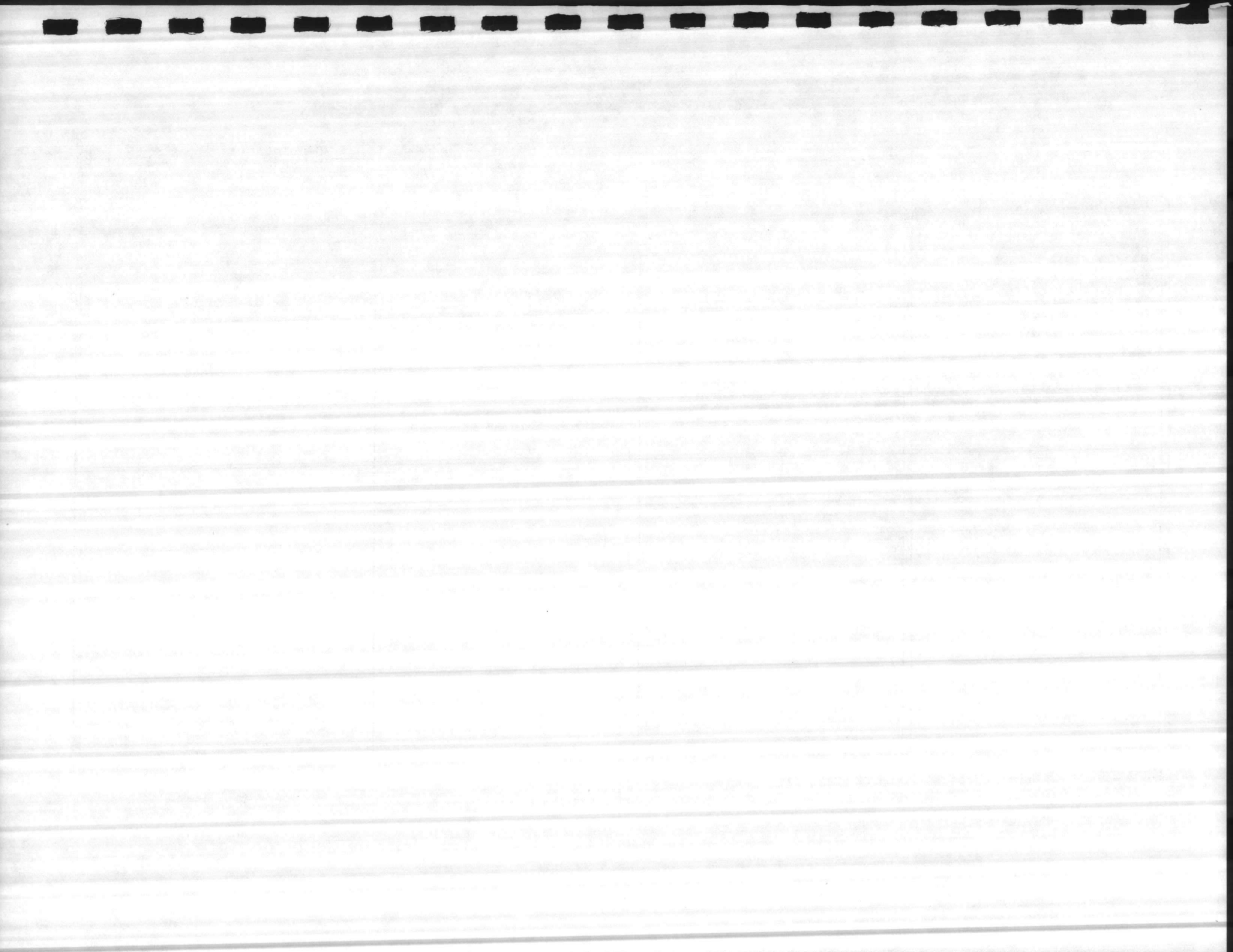
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DATE: 03/05/87

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

RANGE NAME AND LOCATION: GP-14, MCB, Camp Lejeune, NC

Gun 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)	100 X 340 yds		
Primary Direction of Fire	4880 MILS/274 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP97013490		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010093

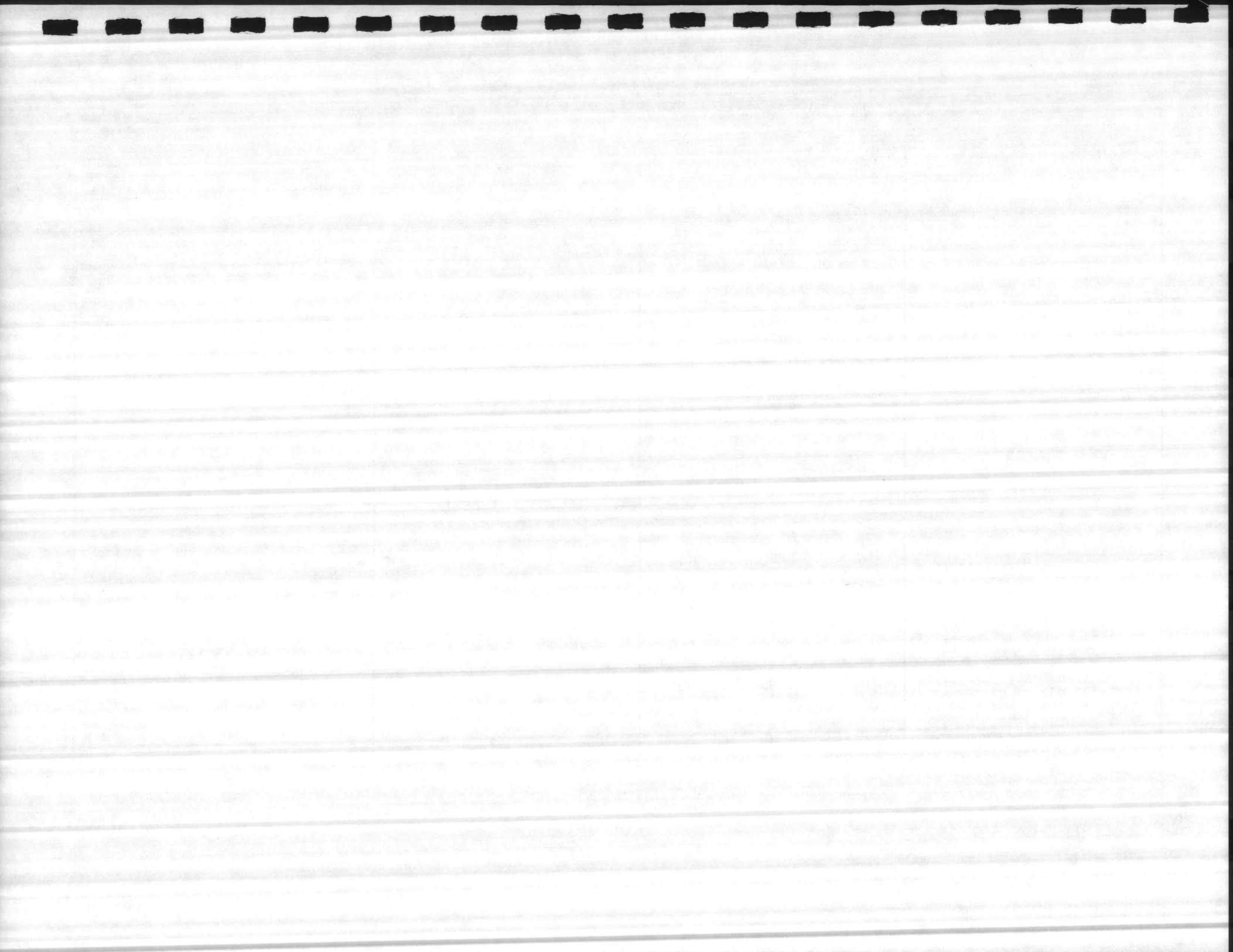
PAGE 1 OF 6

DATE: 03/05/87

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

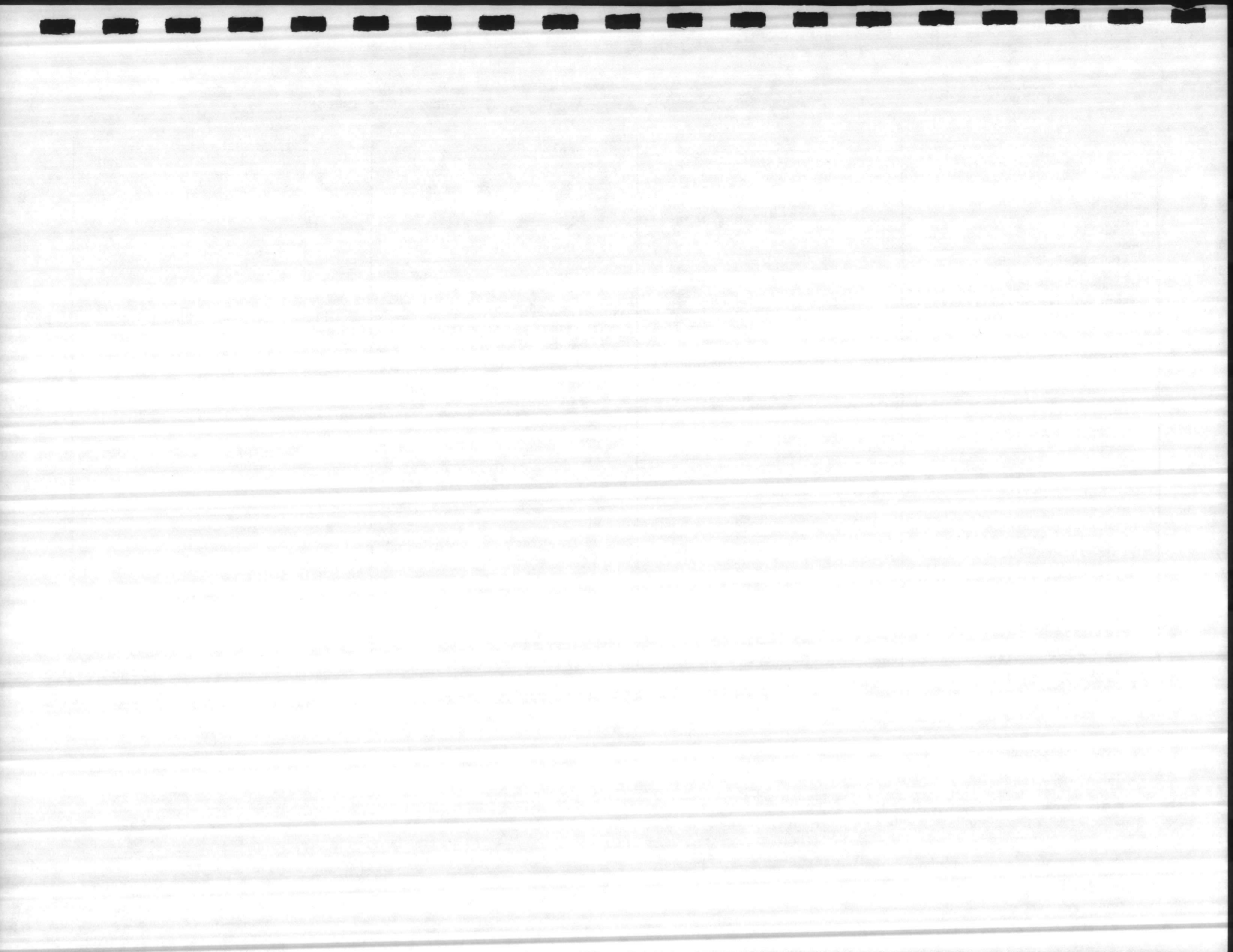
LFRTS-P-0001





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

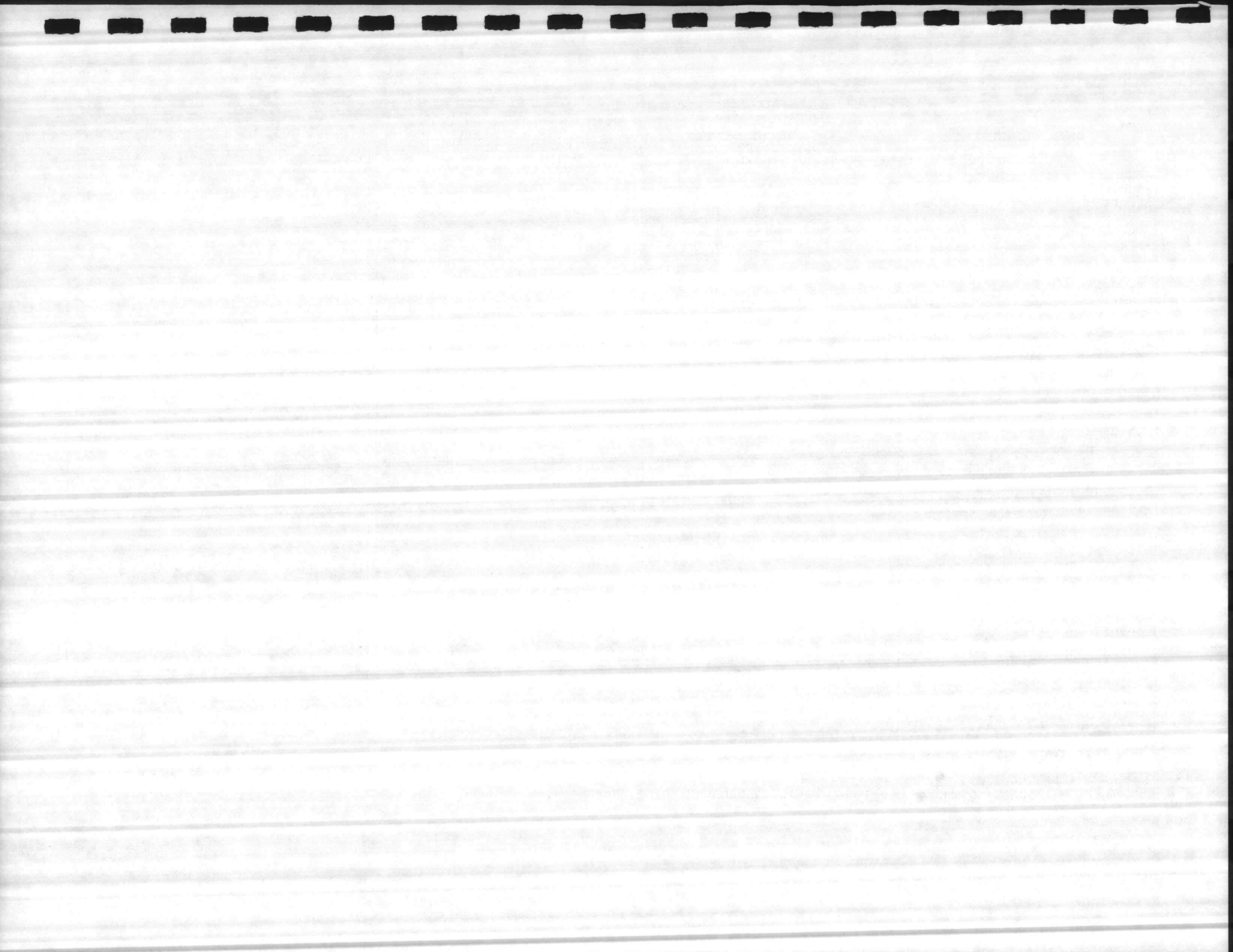
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	85		
Percentage Swamp.....	5		
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....	10		
Soil Type			
Percentage Rock.....			
Percentage Sand.....	85		
Percentage Clay.....			
Percentage Swamp/Marsh.....	5		
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....	10 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)
Vegetation			
Percentage None.....	15	.....	.....
Percentage Sparse.....		.....	.....
Percentage Moderate.....	85	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	5	.....	.....
No. of Land Water Routes....	1	.....	.....
No. of Air Ingress Routes...		.....	.....
No. of Air Egress Routes....		.....	.....
No. of Beach Access Areas...		.....	.....
Distance from Supply Points			
POL (km).....	18	.....	.....
Ammunition (km).....	14	.....	.....
Rations (km).....	18	.....	.....
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		

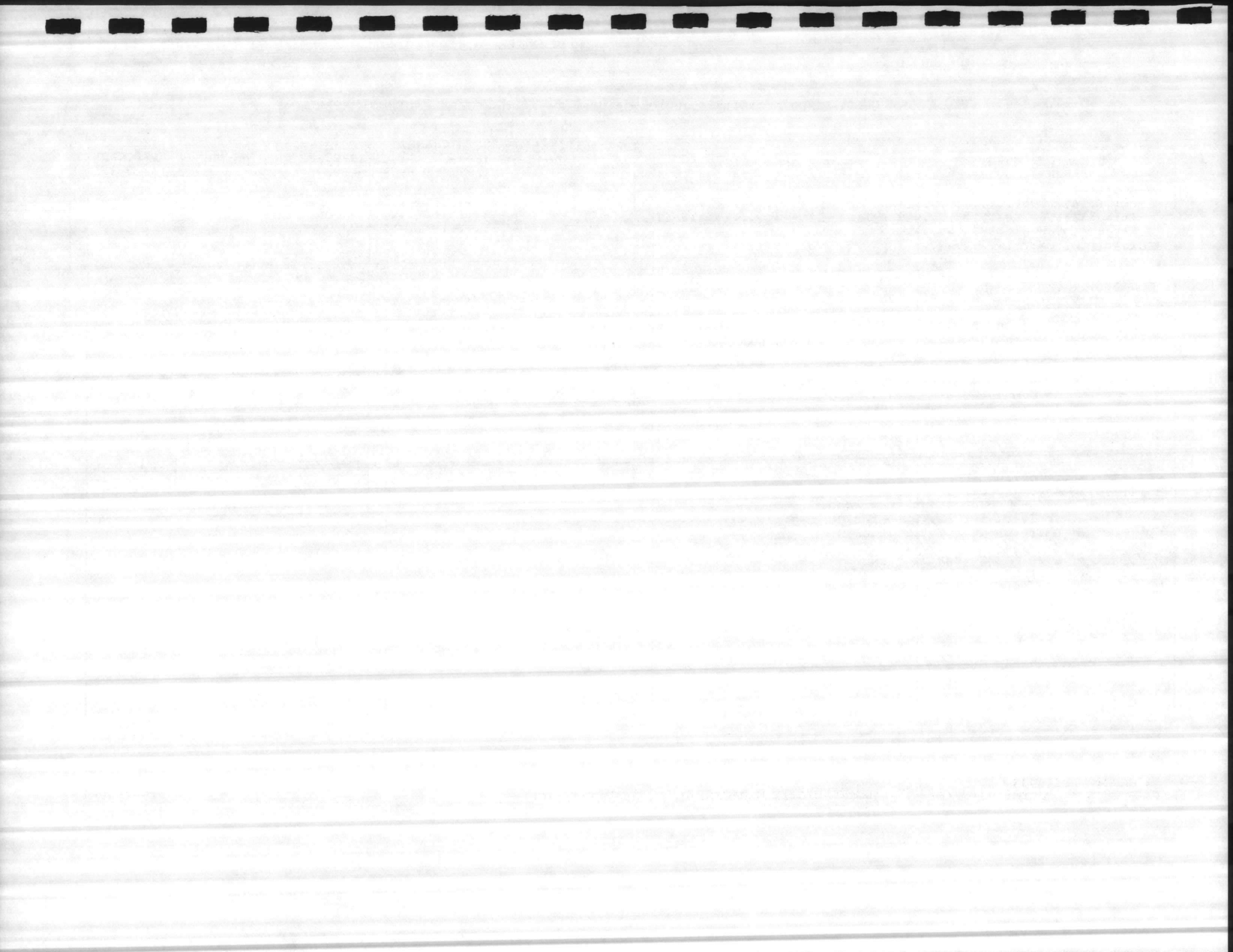
FILE NAME: LP010093

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DATE: 03/05/87

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

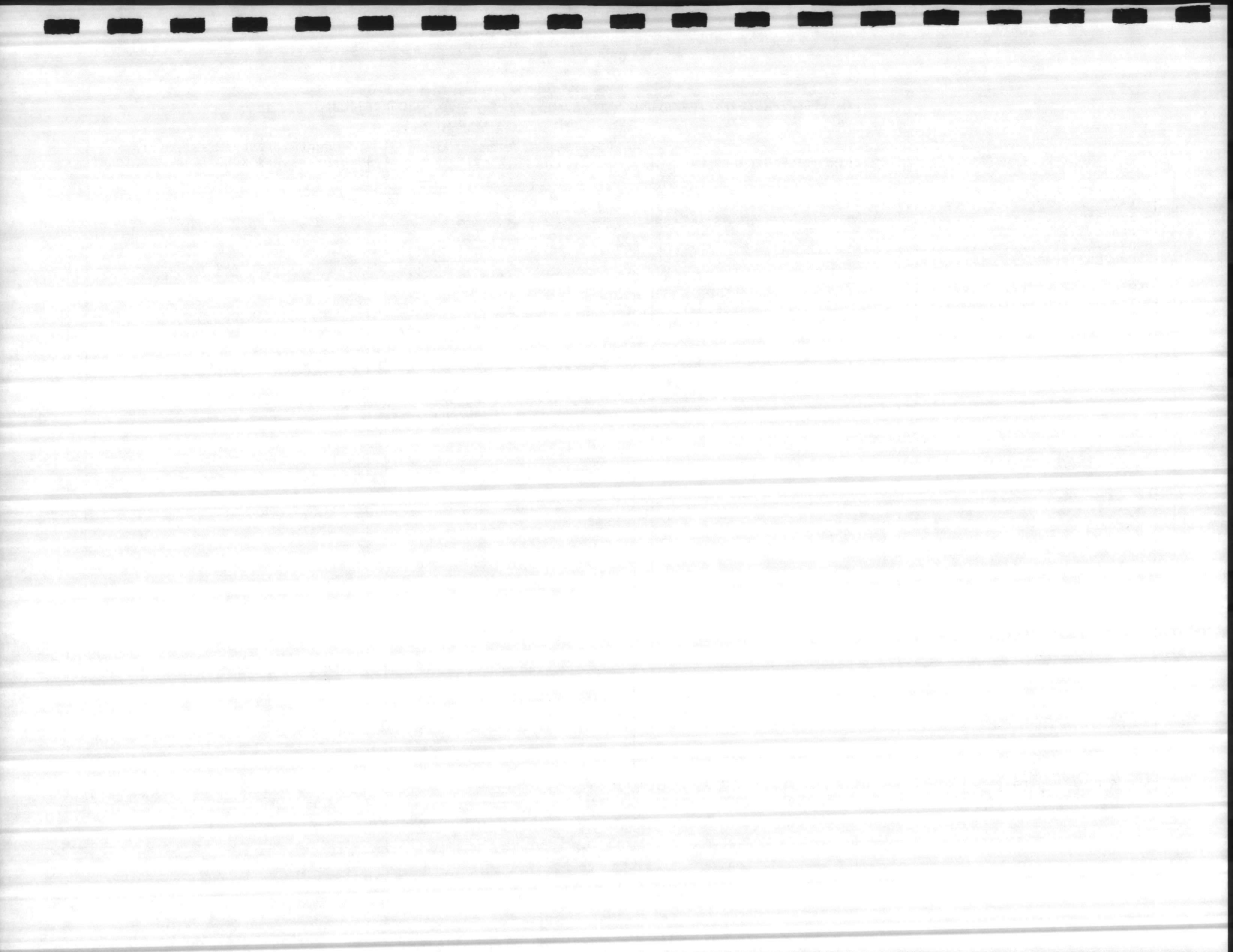
LFRTS-P-0001



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	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)

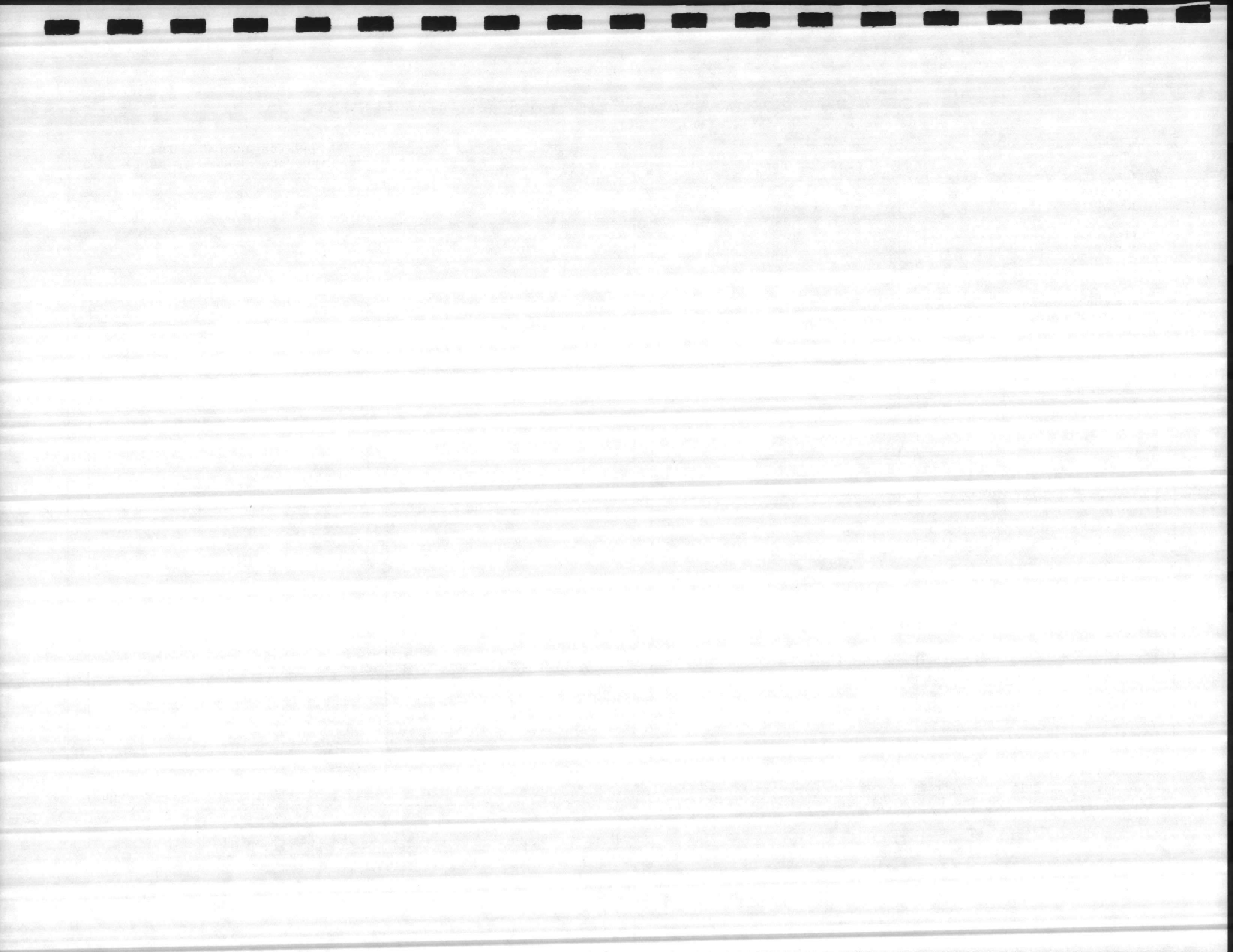
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010093

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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: GP-21, MCB, Camp Lejeune, NC

Gun 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)	120 X 260 yds		
Primary Direction of Fire	640 MILS/36 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP88623076		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

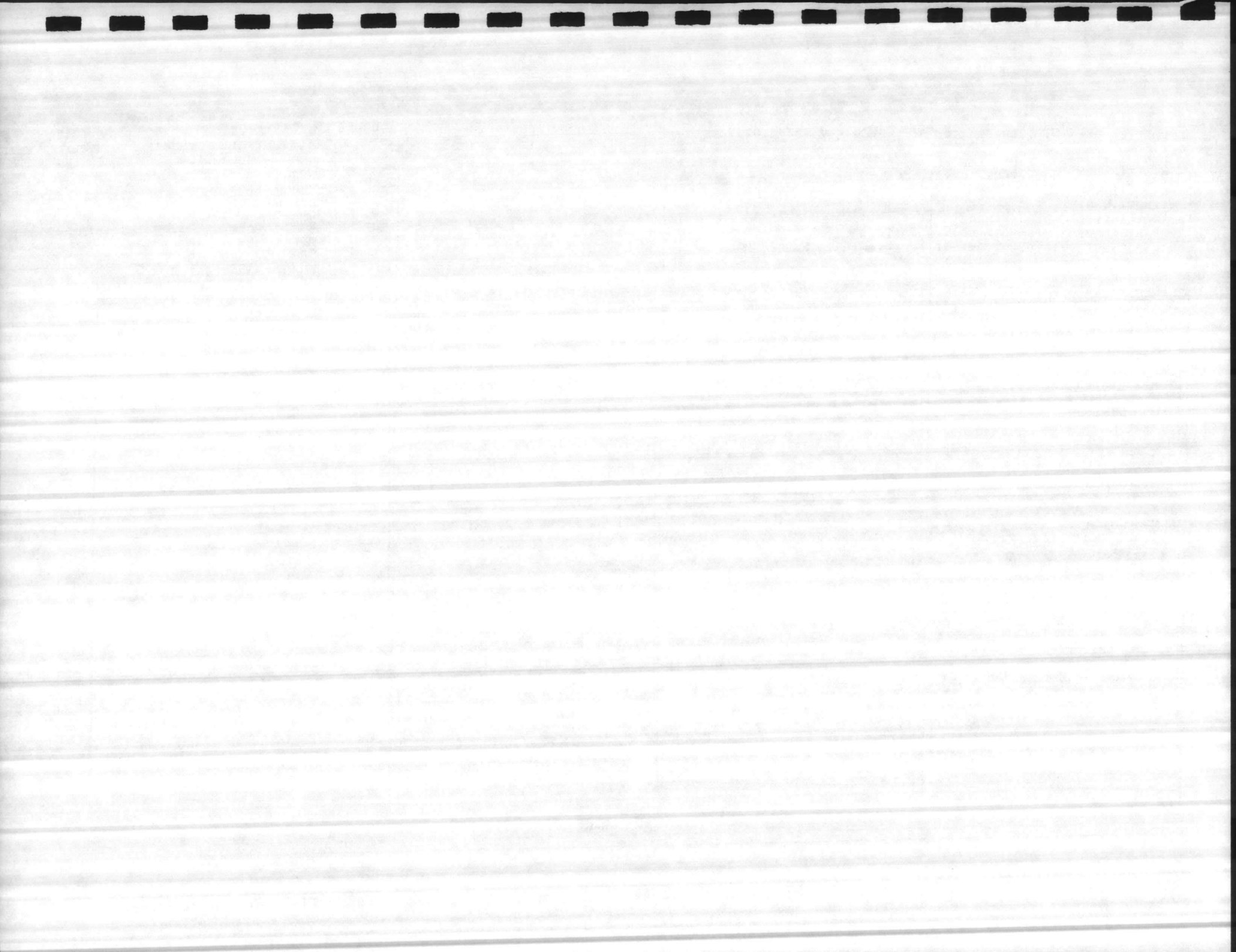
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RANGE/FACILITY MANAGER: D. J. Hashagen, Sr.

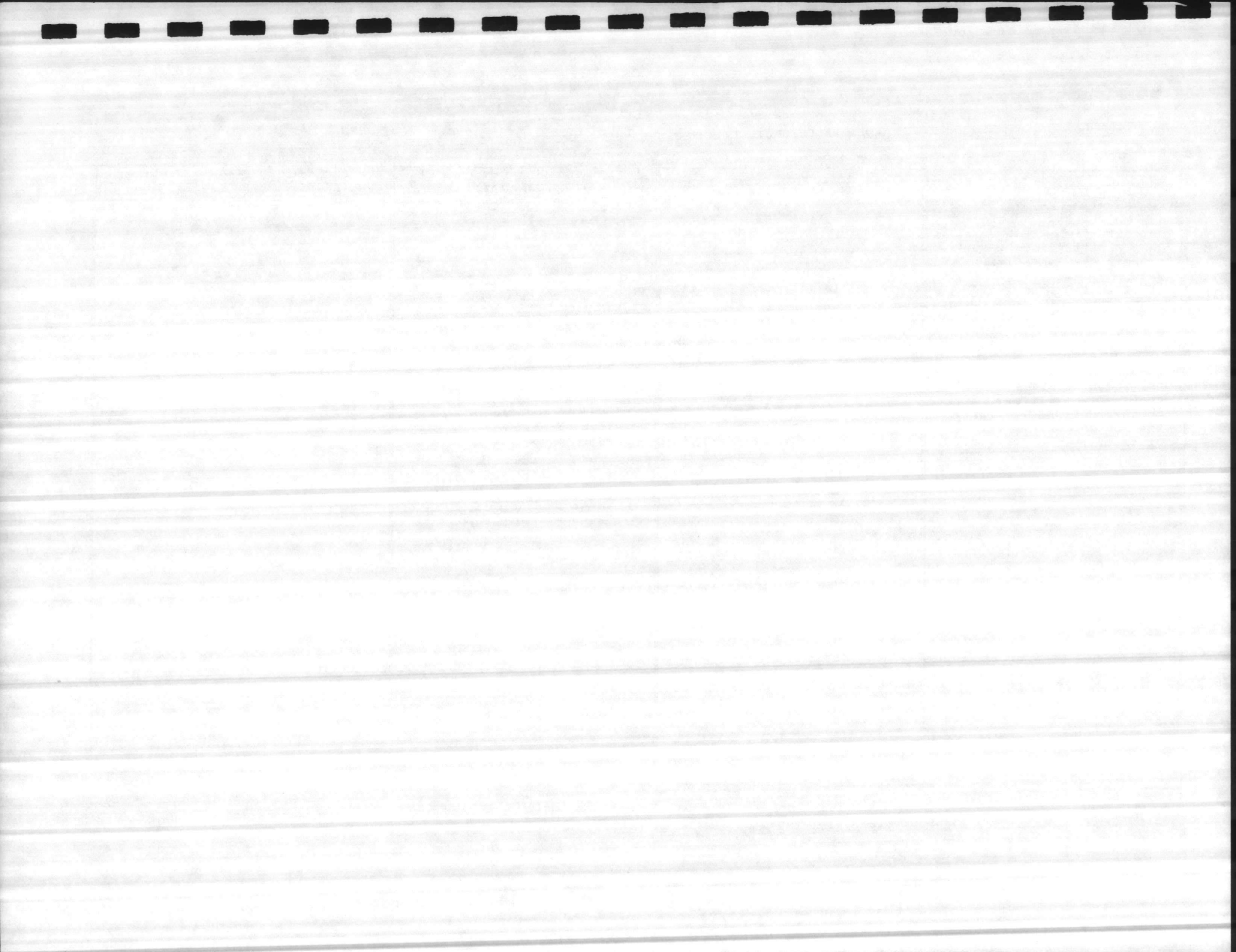
LFRTS-P-0001





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

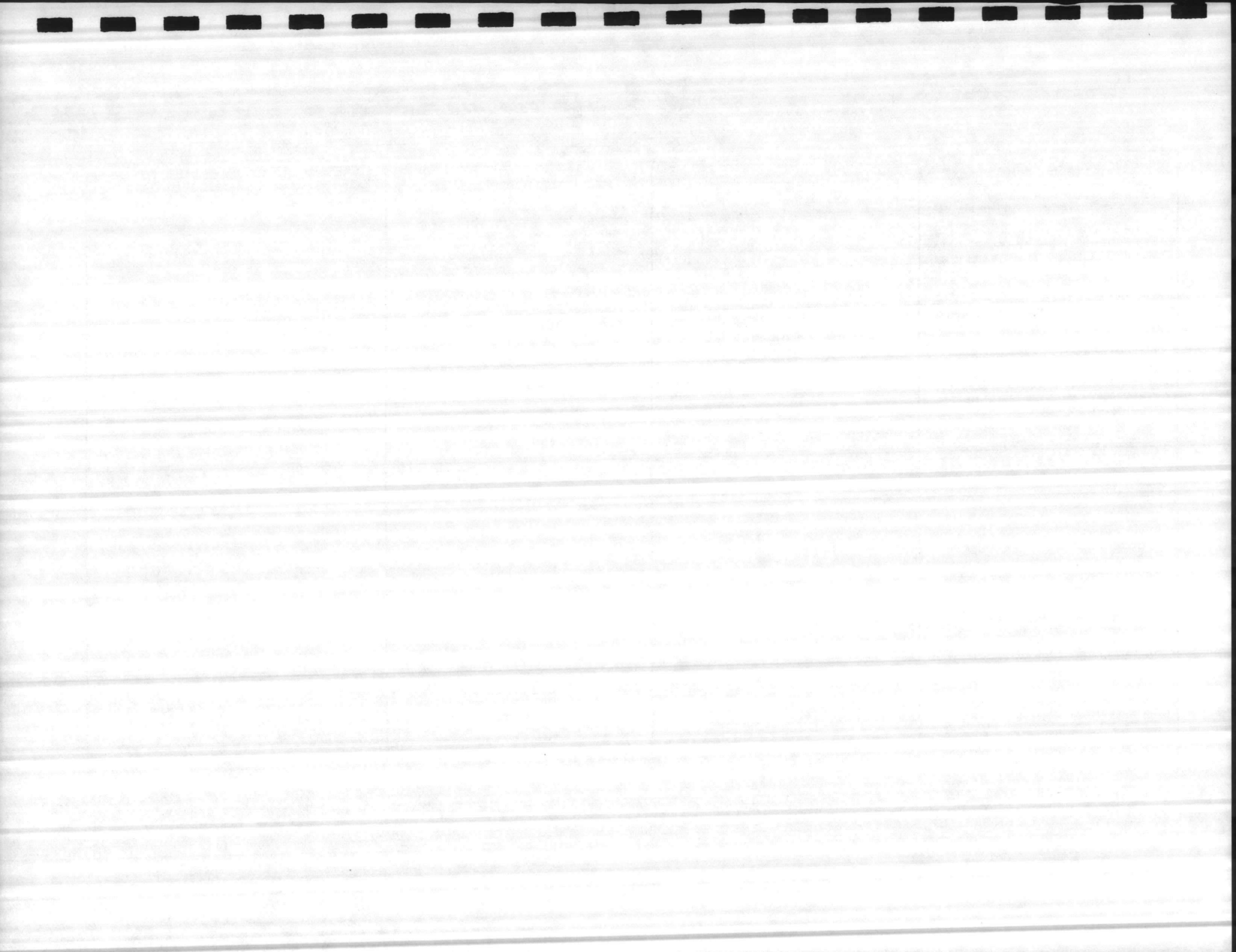
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

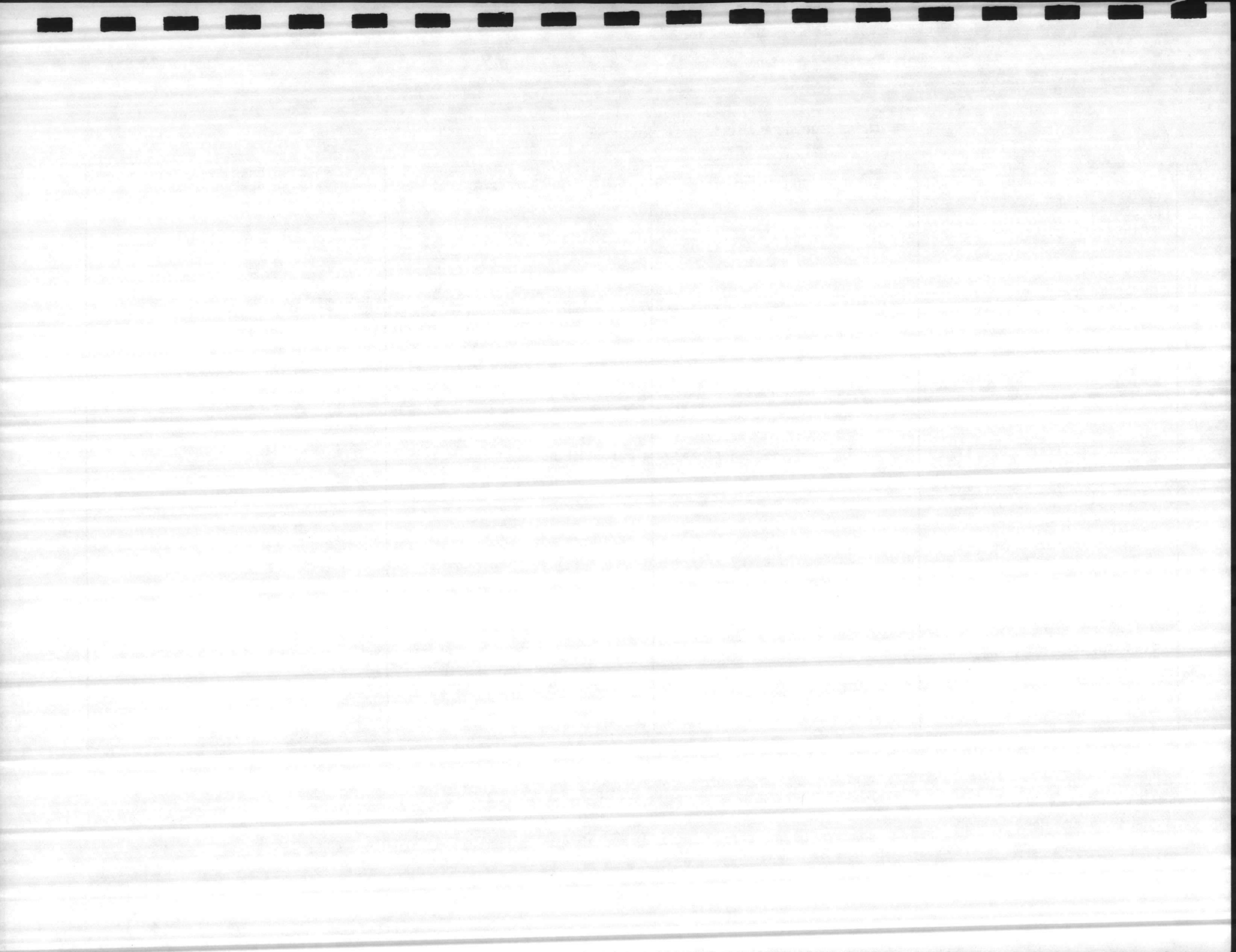
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 95 Percentage Swamp..... 5 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)

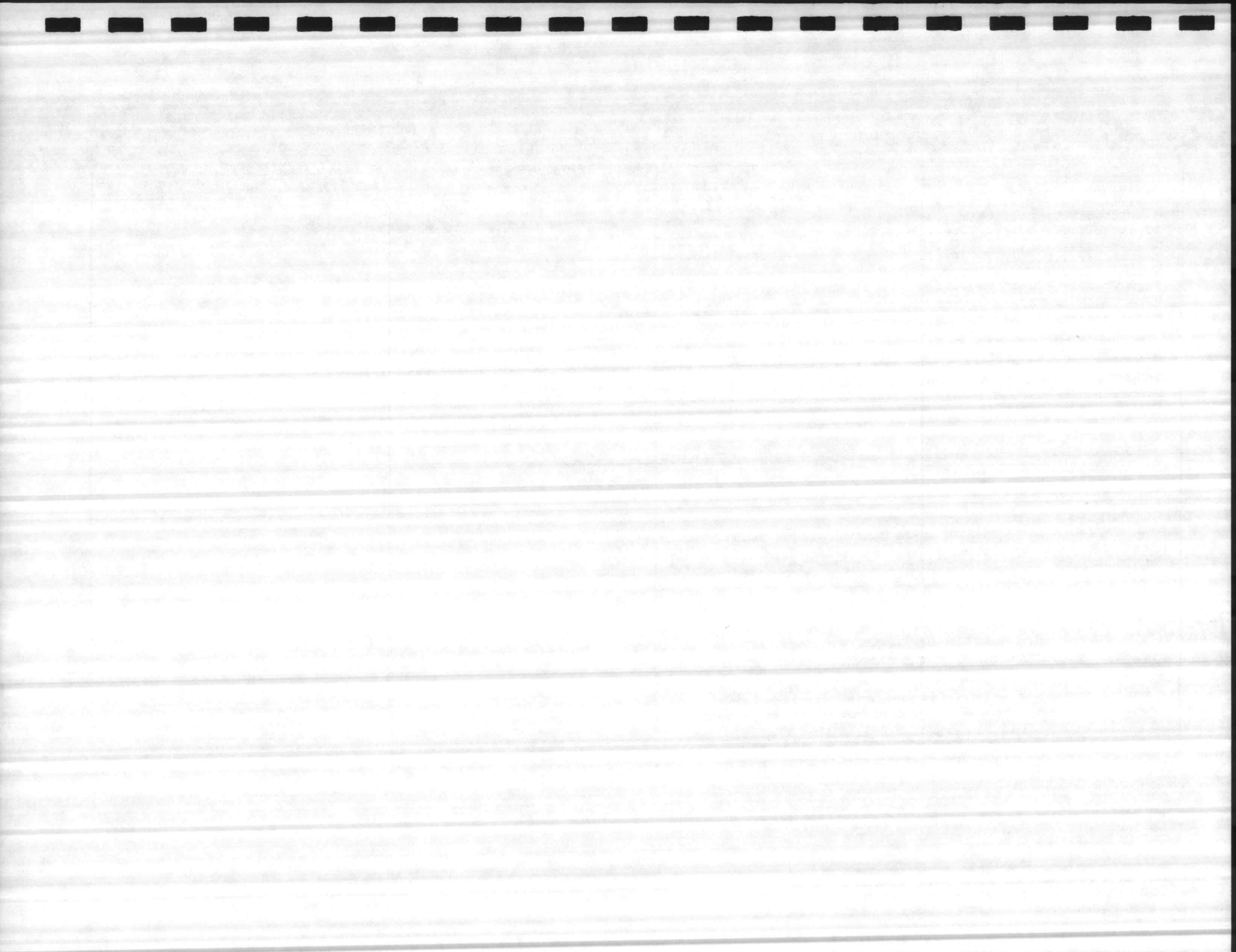
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	5		
Percentage Sparse.....	95		
Percentage Moderate.....			
Percentage Heavy.....			
Access			
No. of Land Access Routes...	2		
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).....	9		
Ammunition (km).....	6		
Rations (km).....	9		
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined		
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			



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	TLZ Dodo, TLZ Hawk		
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: LP010094

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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: GP-23, MCB, Camp Lejeune, NC  
 Gun 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)  Primary Direction of Fire  Associated Air Space  Coordinates	230 X 270 yds  100 MILS/6 degrees (G-10) 9060 MILS/284 degrees (K-2) 17,999 ft; 399 sq km  TP91843085		
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.....			

FILE NAME: LP010095

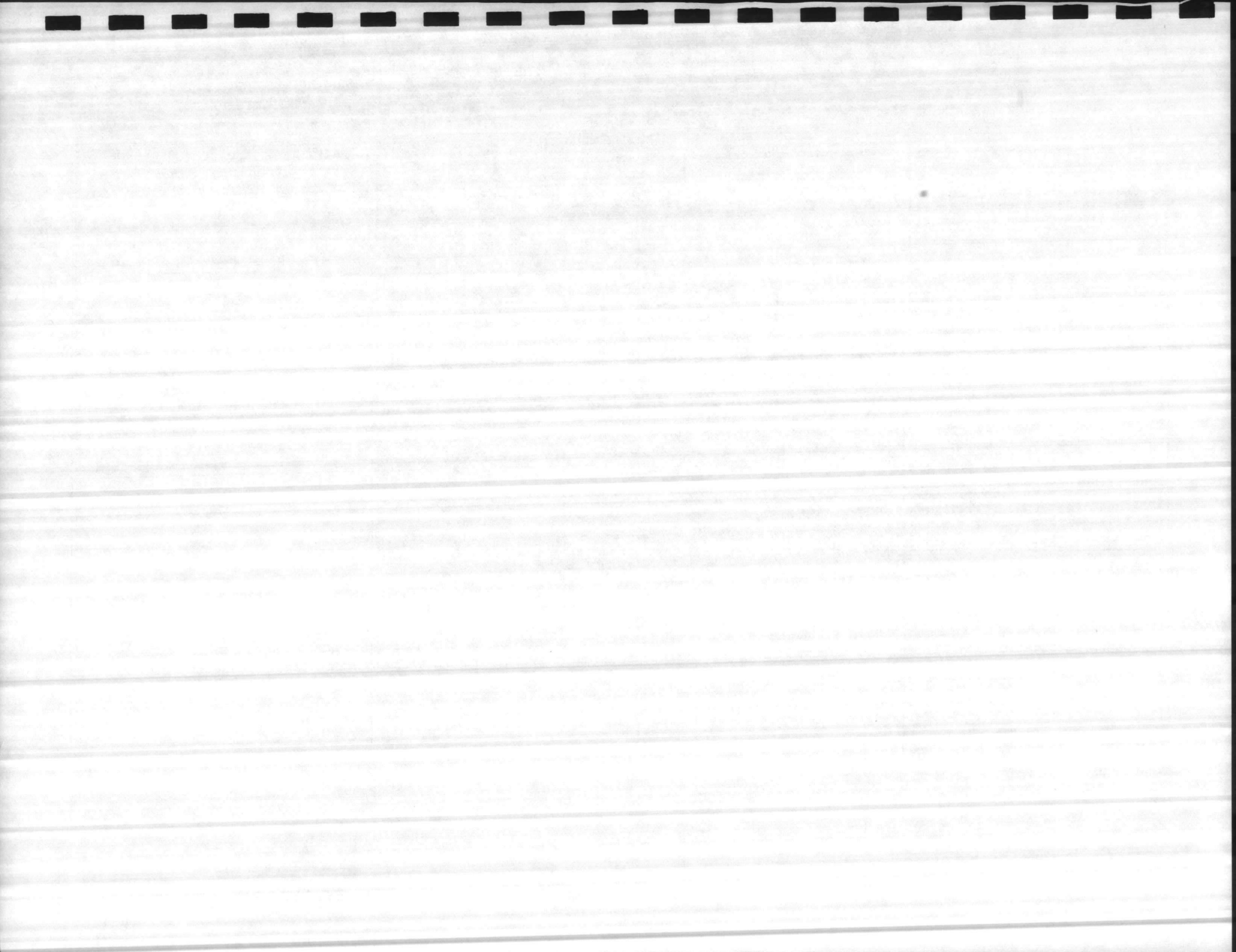
PAGE 1 OF 6

DATE: 03/05/87

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

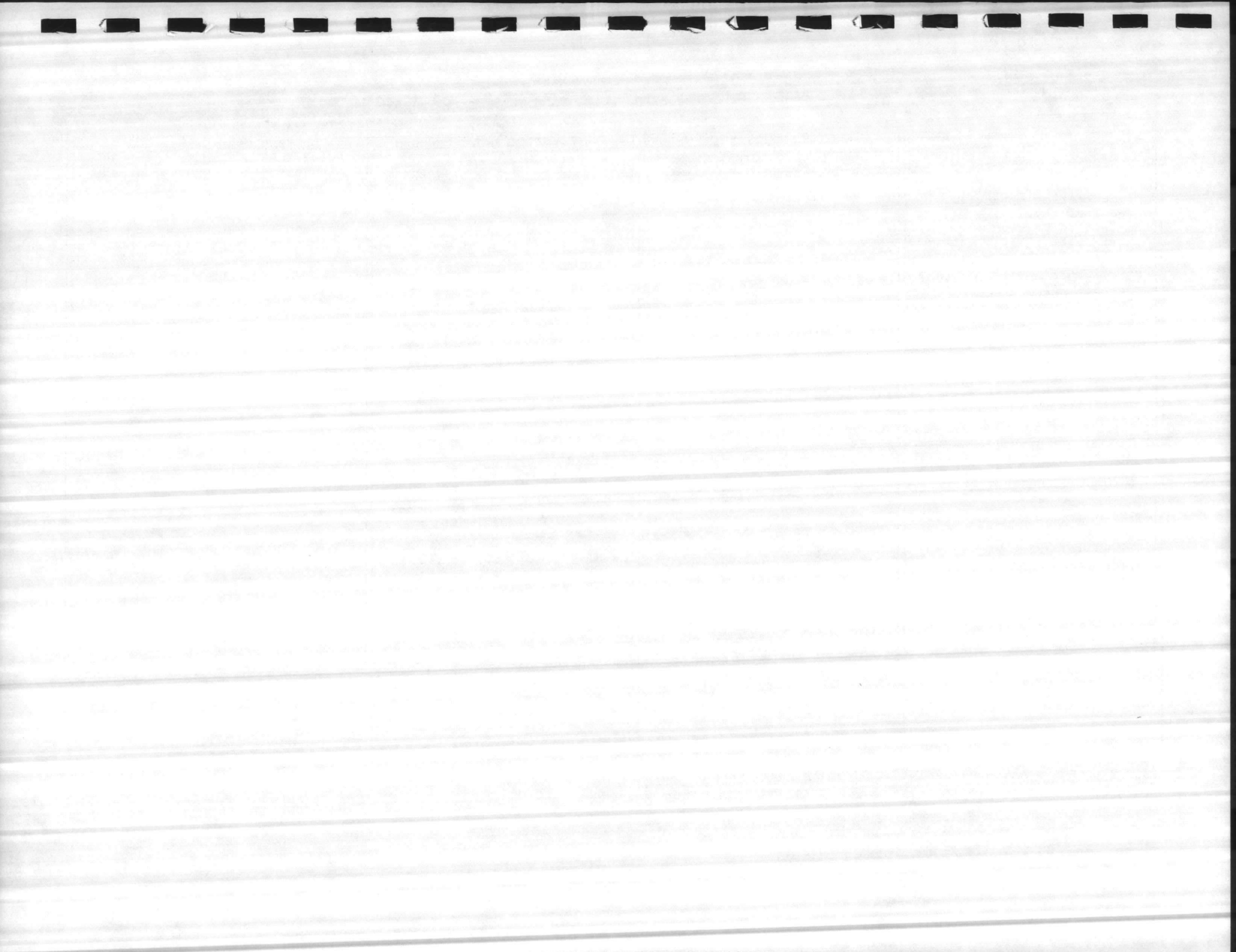
LFRTS-P-0001





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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 75 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 25 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: LP010095

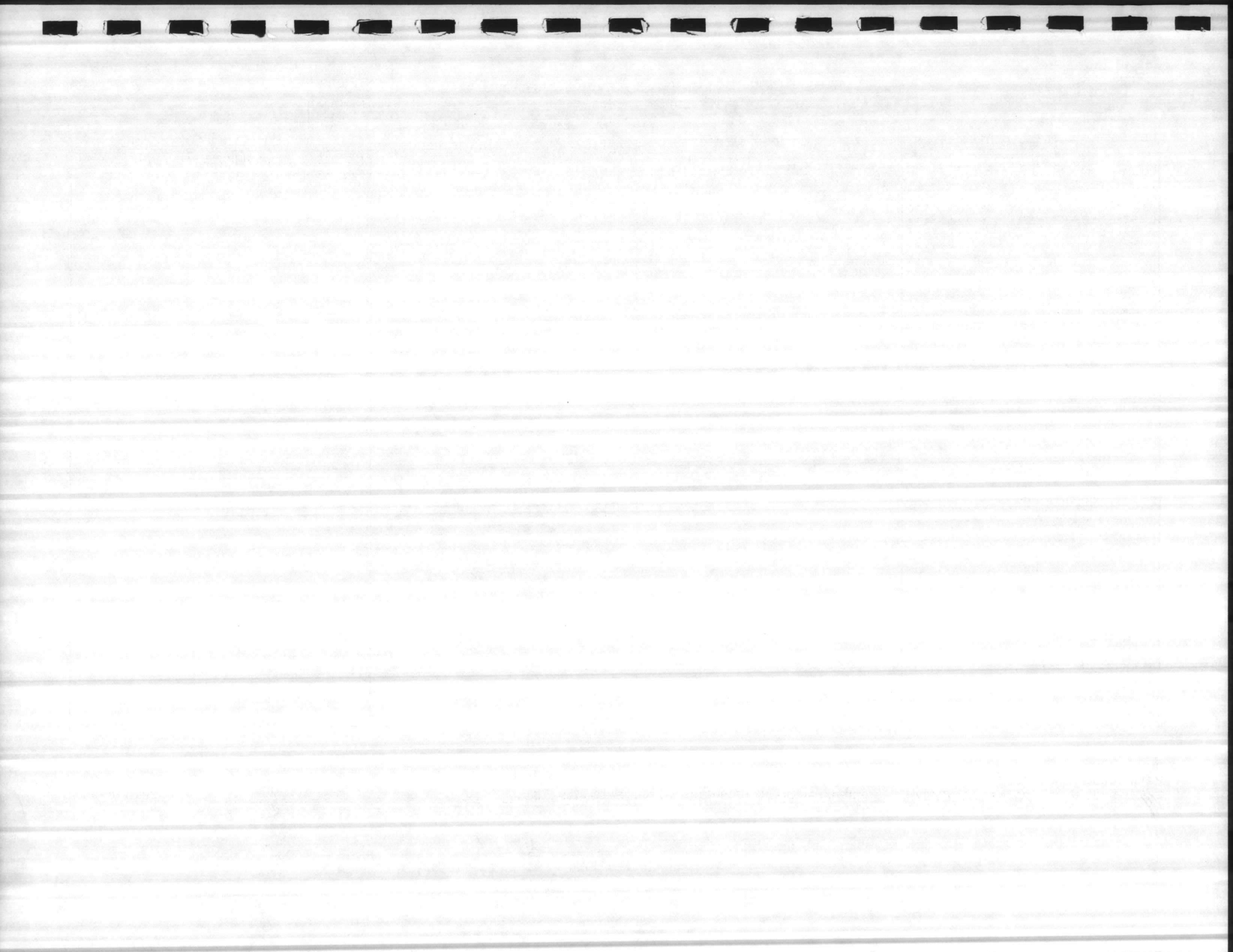
PAGE 3 OF 6

DATE: 03/05/87

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

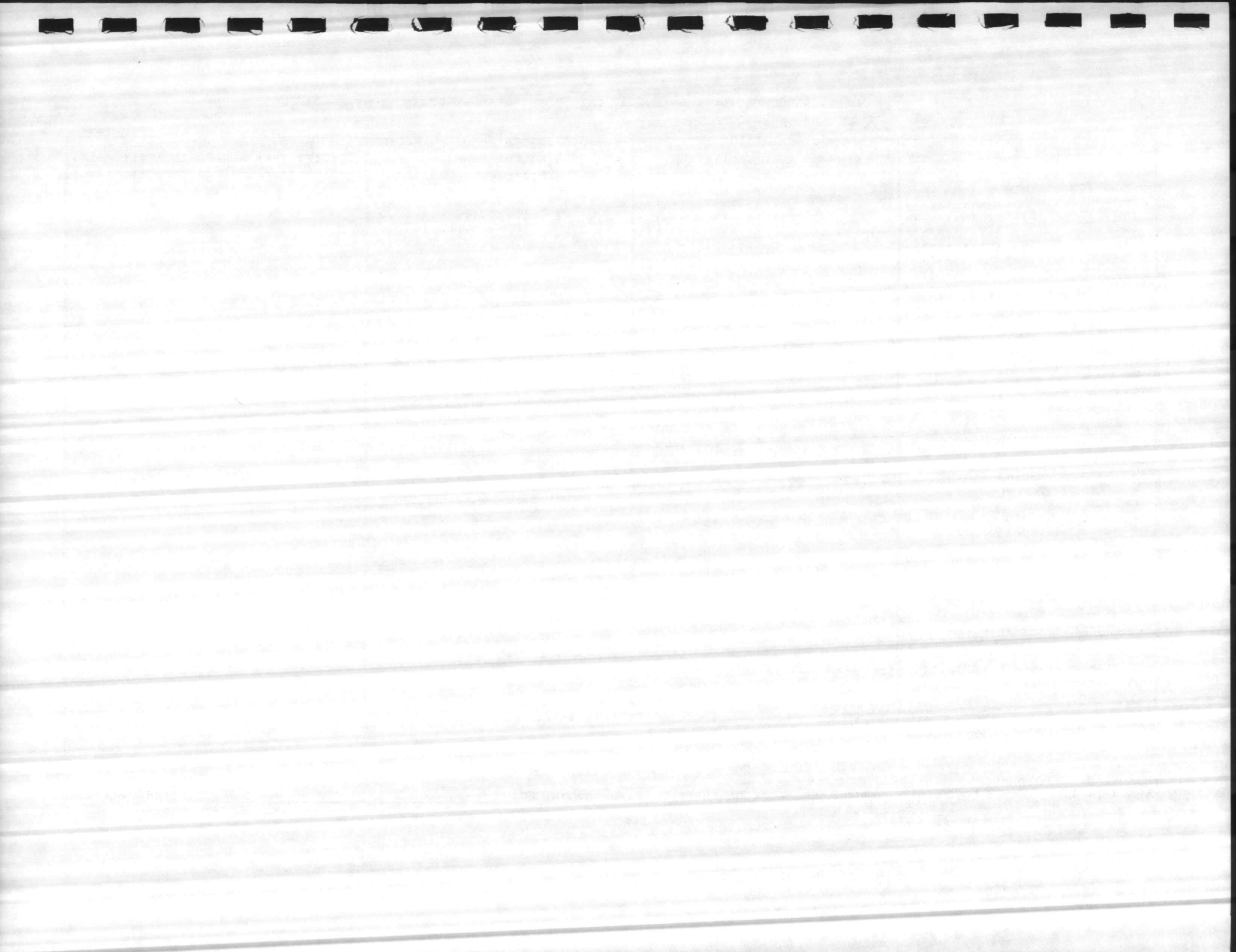
LFRTS-P-0001





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

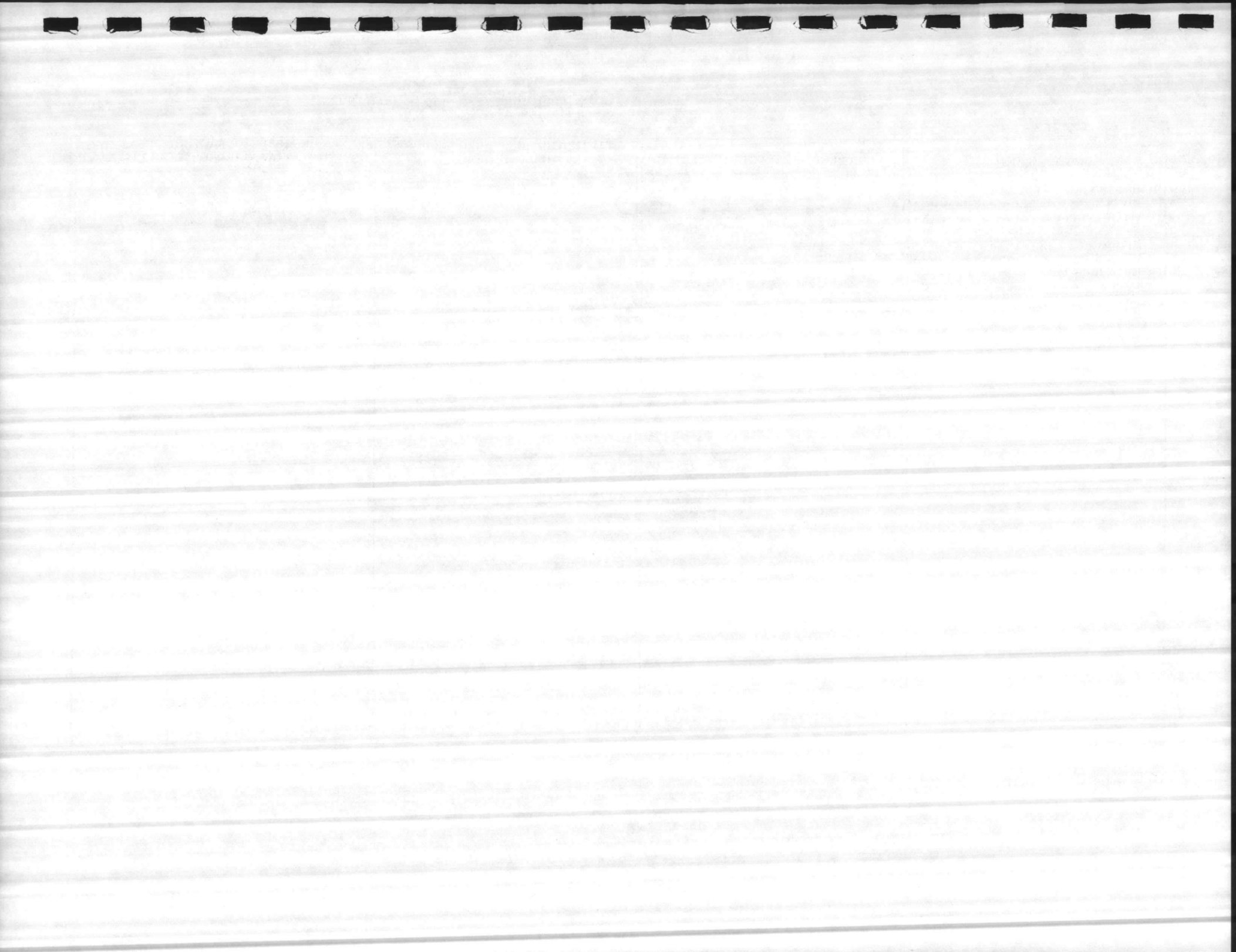
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	25	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....	75	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	4	.....	
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).....	9	.....	
Ammunition (km).....	5	.....	
Rations (km).....	9	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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	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.....	10 ..... 10 ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Goose		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
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		

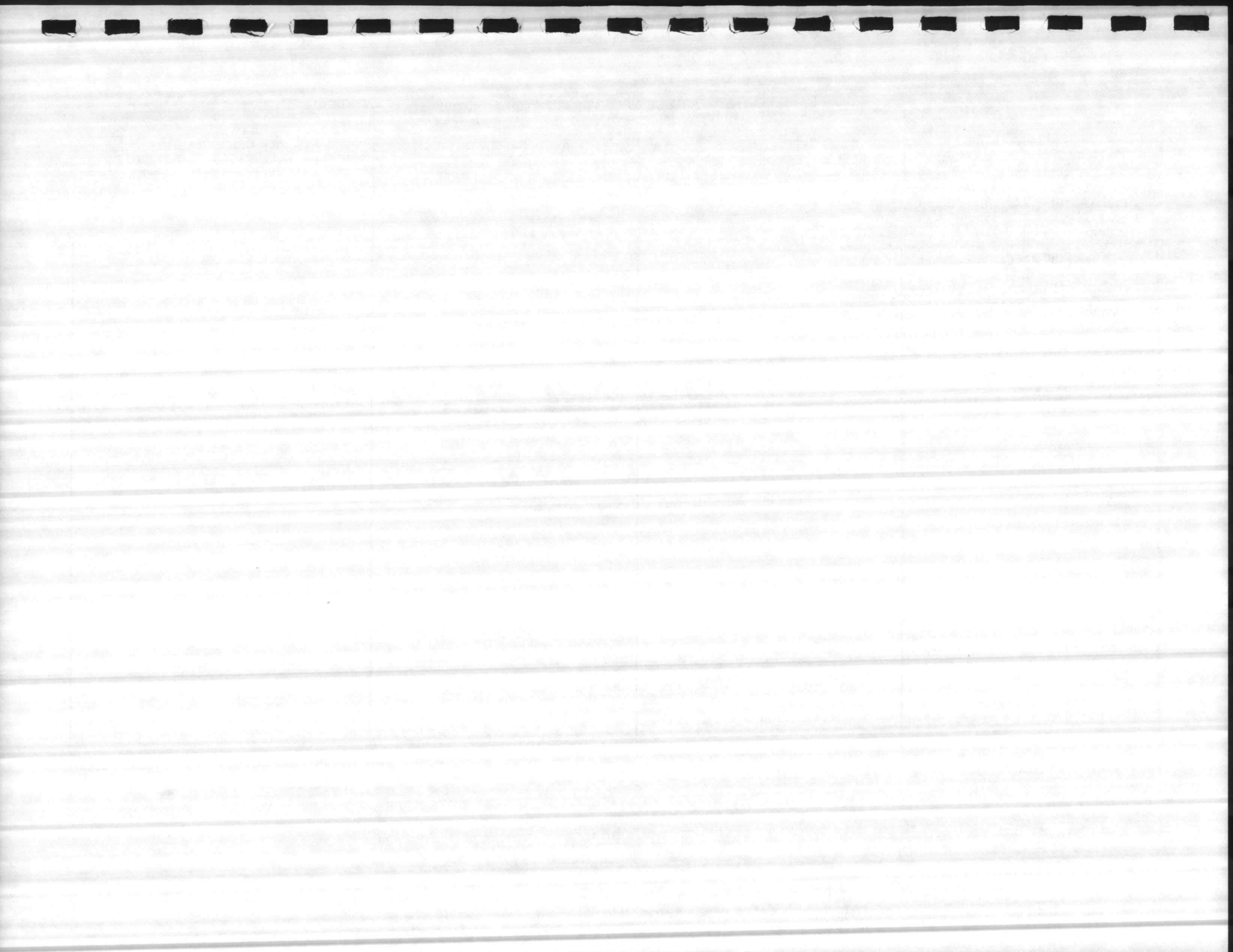
FILE NAME: LP010095

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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

RANGE NAME AND LOCATION: GP-24, MCB, Camp Lejeune, NC

Gun Position

INSTRUCTIONS:

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

TYPE RANGE FACILITY:

- X  Live-Fire Full Caliber
- Live-Fire Subcaliber
- Simulator
- Maneuver Area
- Associated Air Space
- Other

DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	130 X 210 yds		
Primary Direction of Fire	860 MILS/46 degrees (G-10)		
Associated Air Space	5700 MILS/321 degrees (K-2) 17,999 ft; 399 sq km		
Coordinates	TP85072836		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010096

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DATE: 03/05/87

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

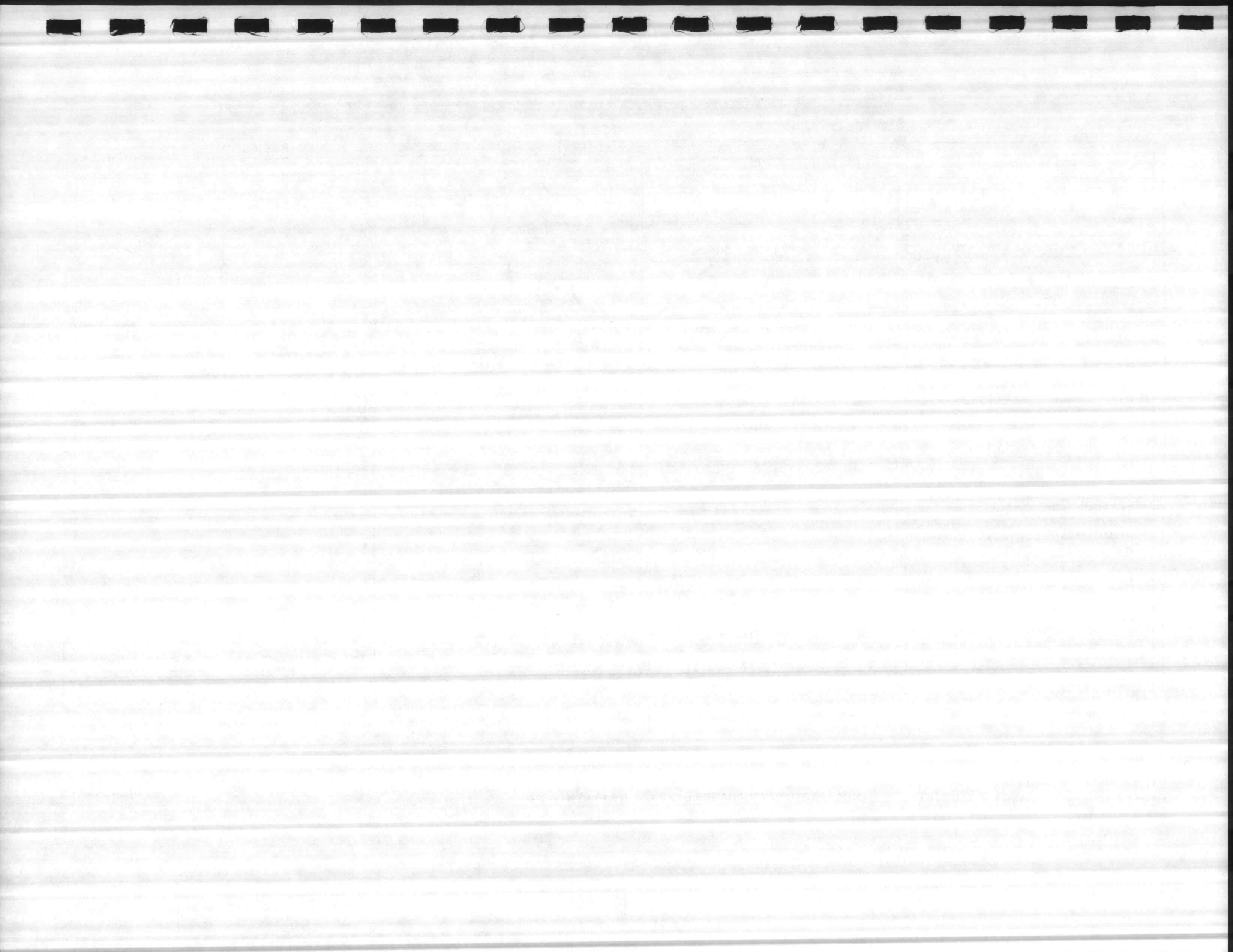
LFRTS-P-0001





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

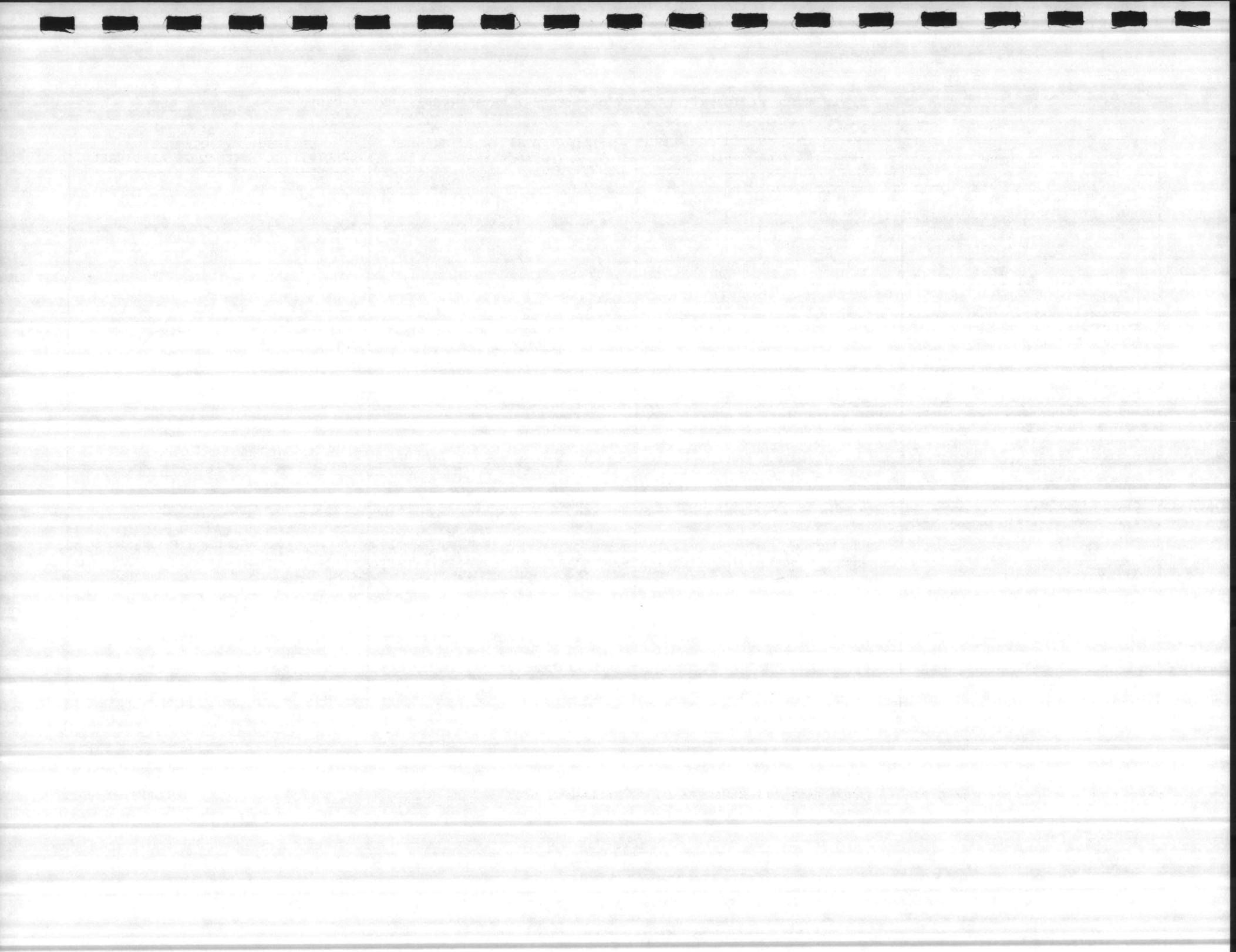
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

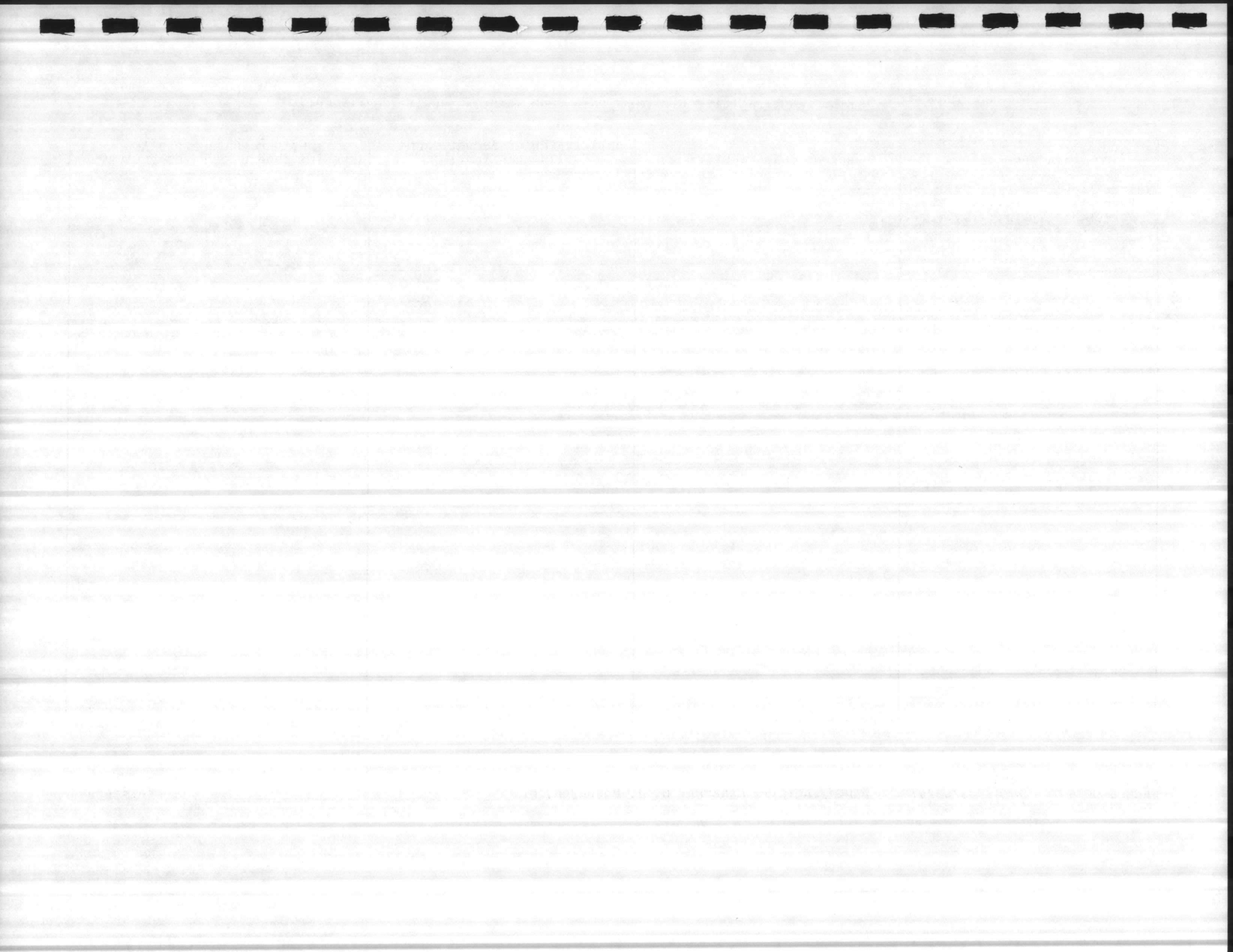
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 95 Percentage Swamp..... 5 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)

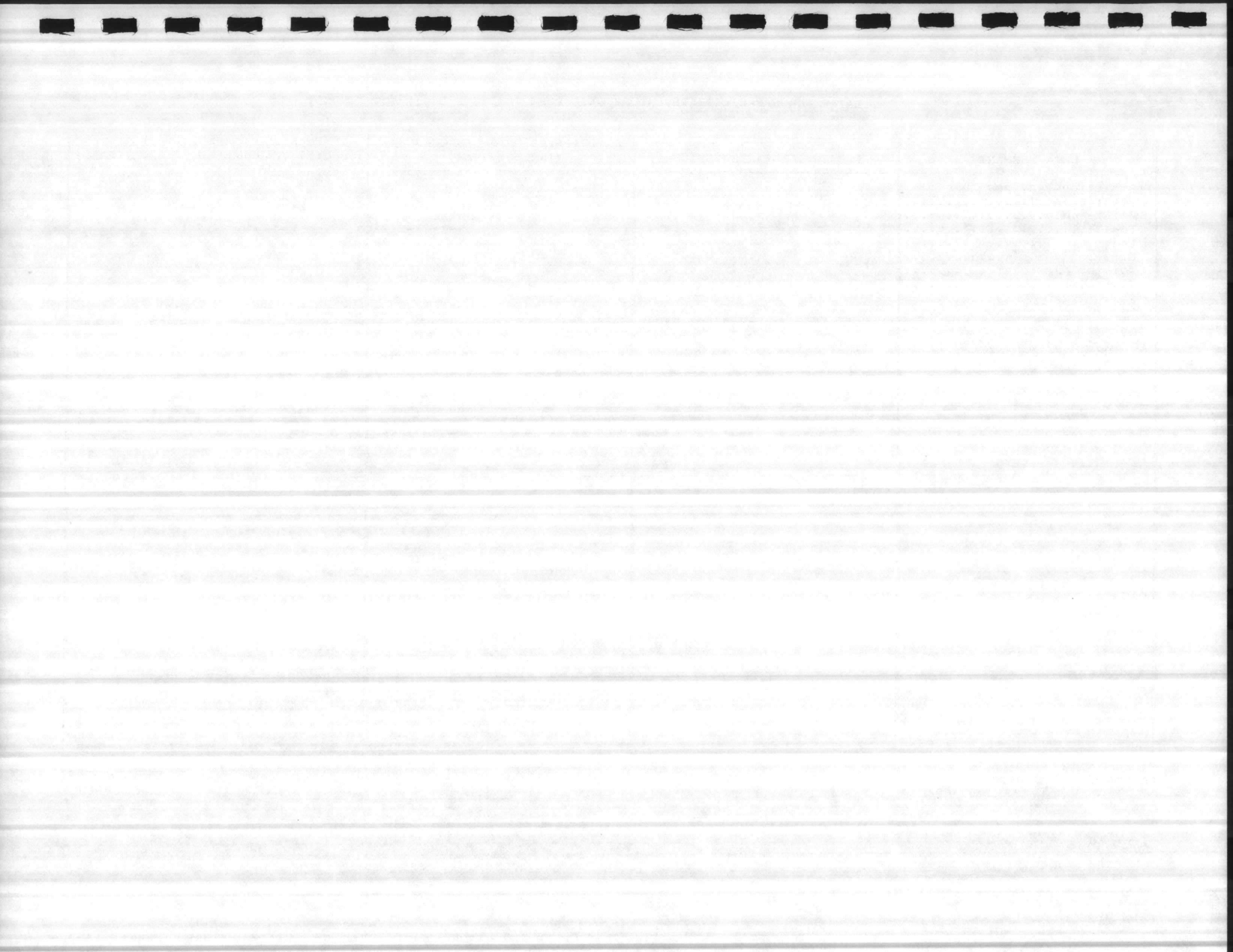
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	50	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....	50	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	2	.....	
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).....	13	.....	
Ammunition (km).....	10	.....	
Rations (km).....	13	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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			



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

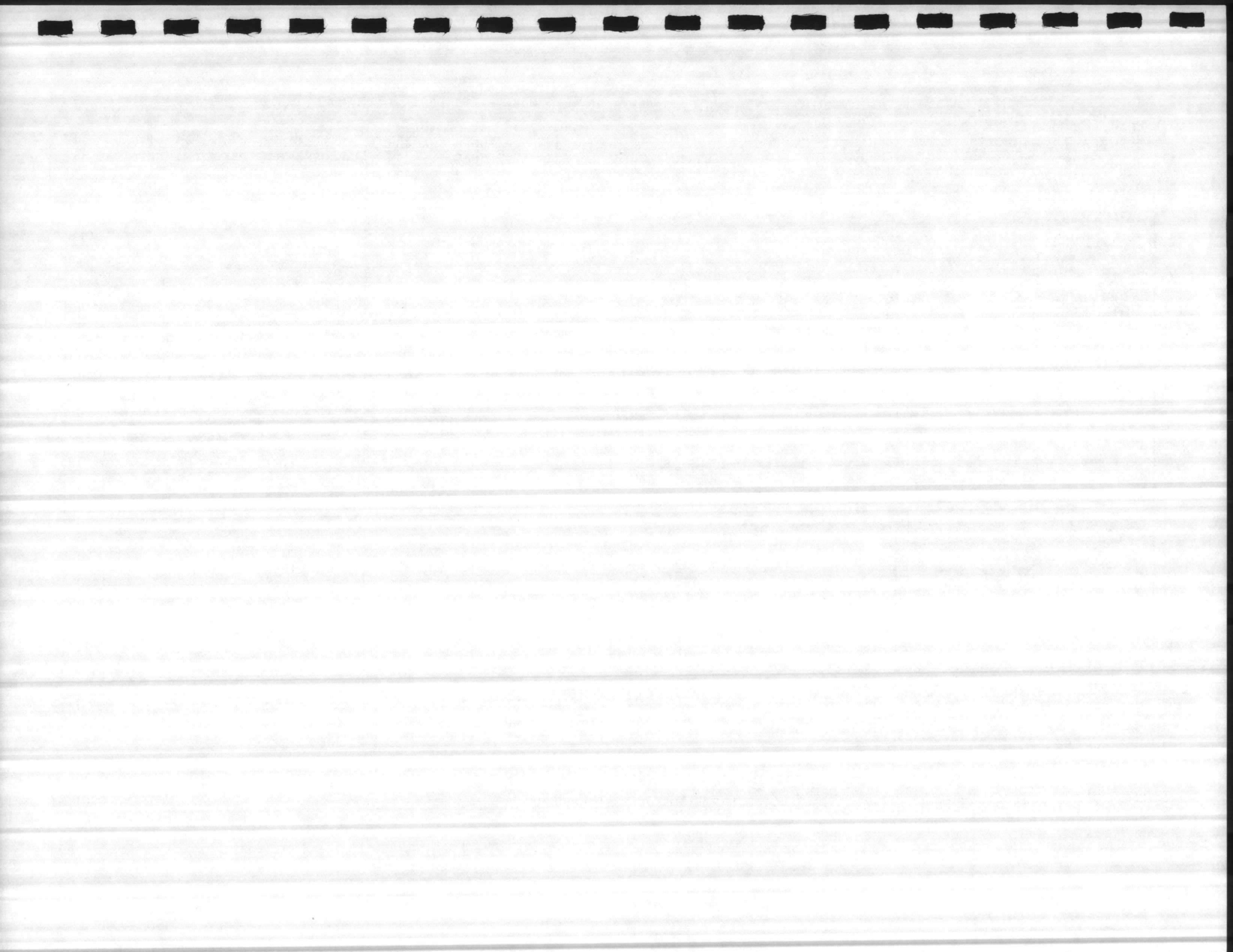
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Canary, TLZ Dove, TLZ Hawk, TLZ Dodo		
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: GP-25, MCB, Camp Lejeune, NC

Gun 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)	75 X 120 yds		
Primary Direction of Fire	760 MILS/43 degrees (G-10) 5400 MILS/304 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP86182919		
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.....			

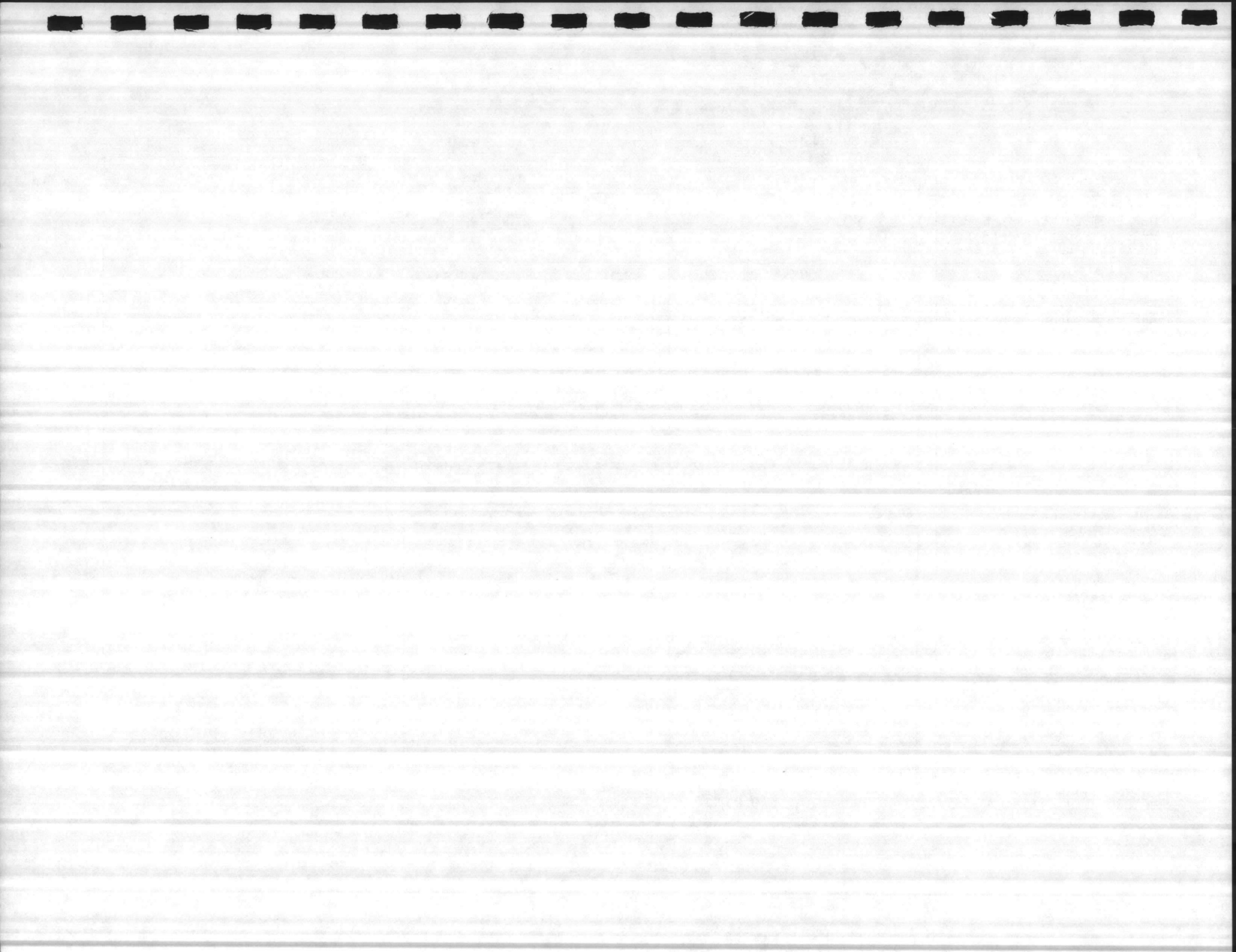
FILE NAME: LP010097

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

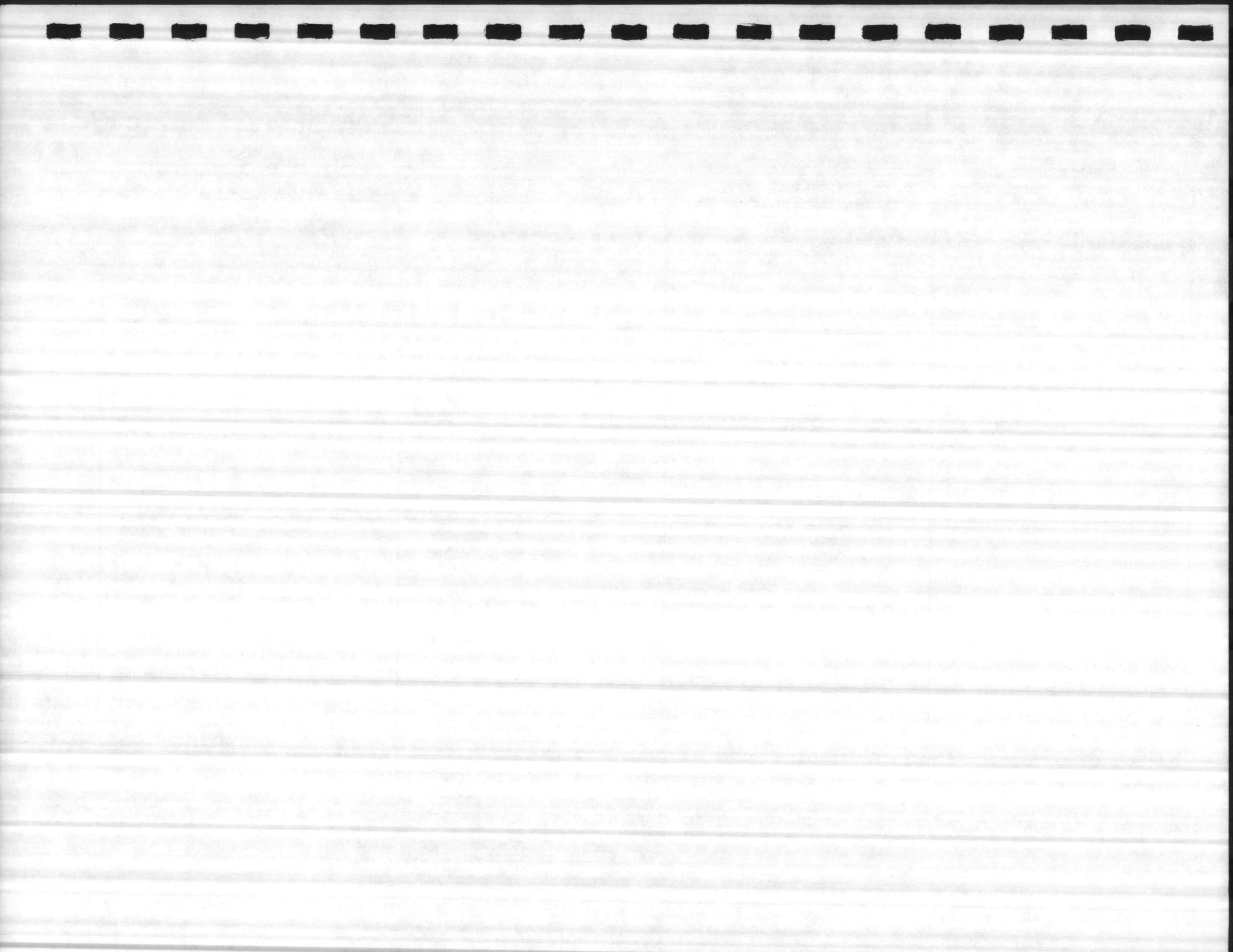
LFRTS-P-0001





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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		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

FILE NAME: LP010097

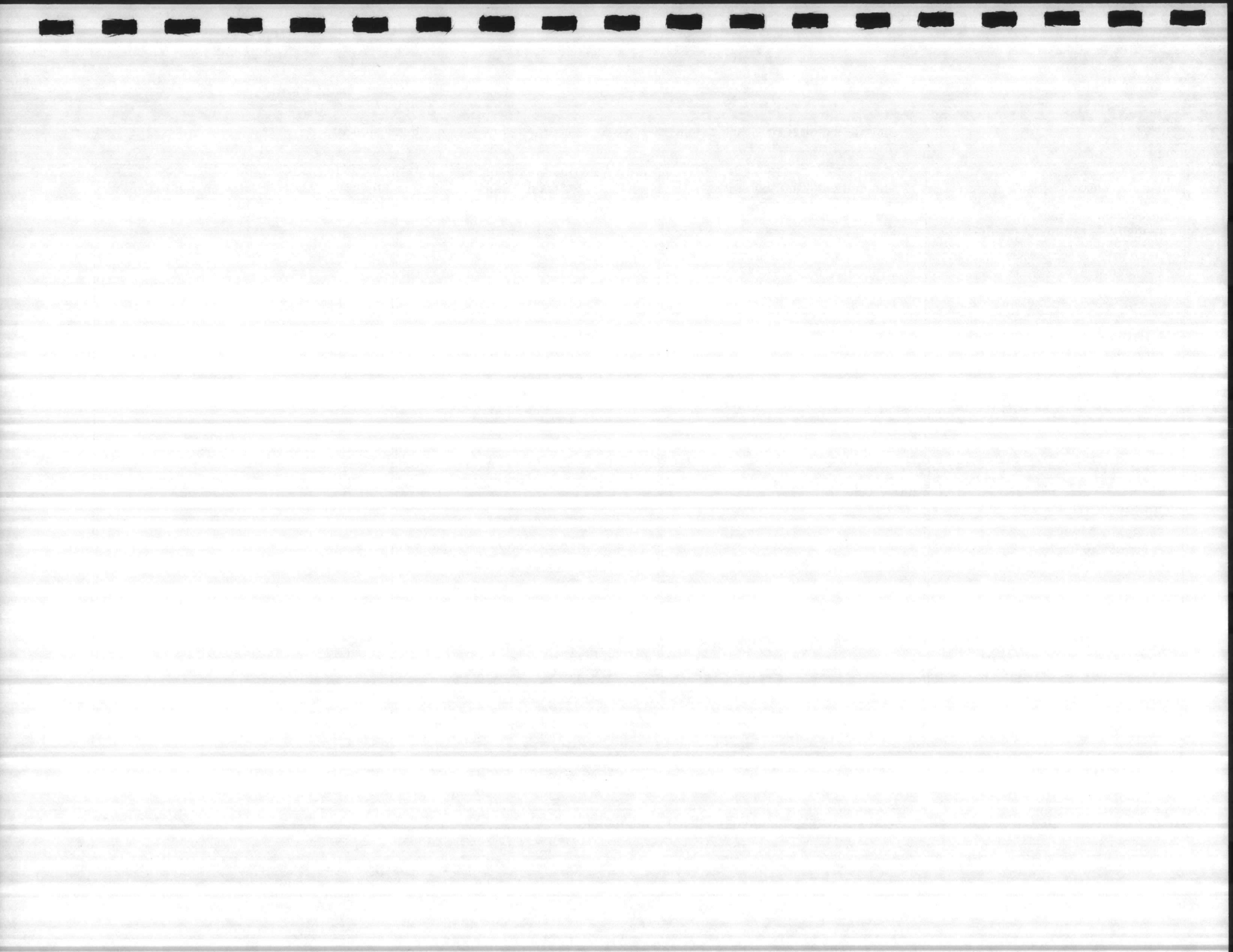
PAGE 3 OF 6

DATE: 03/05/87

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

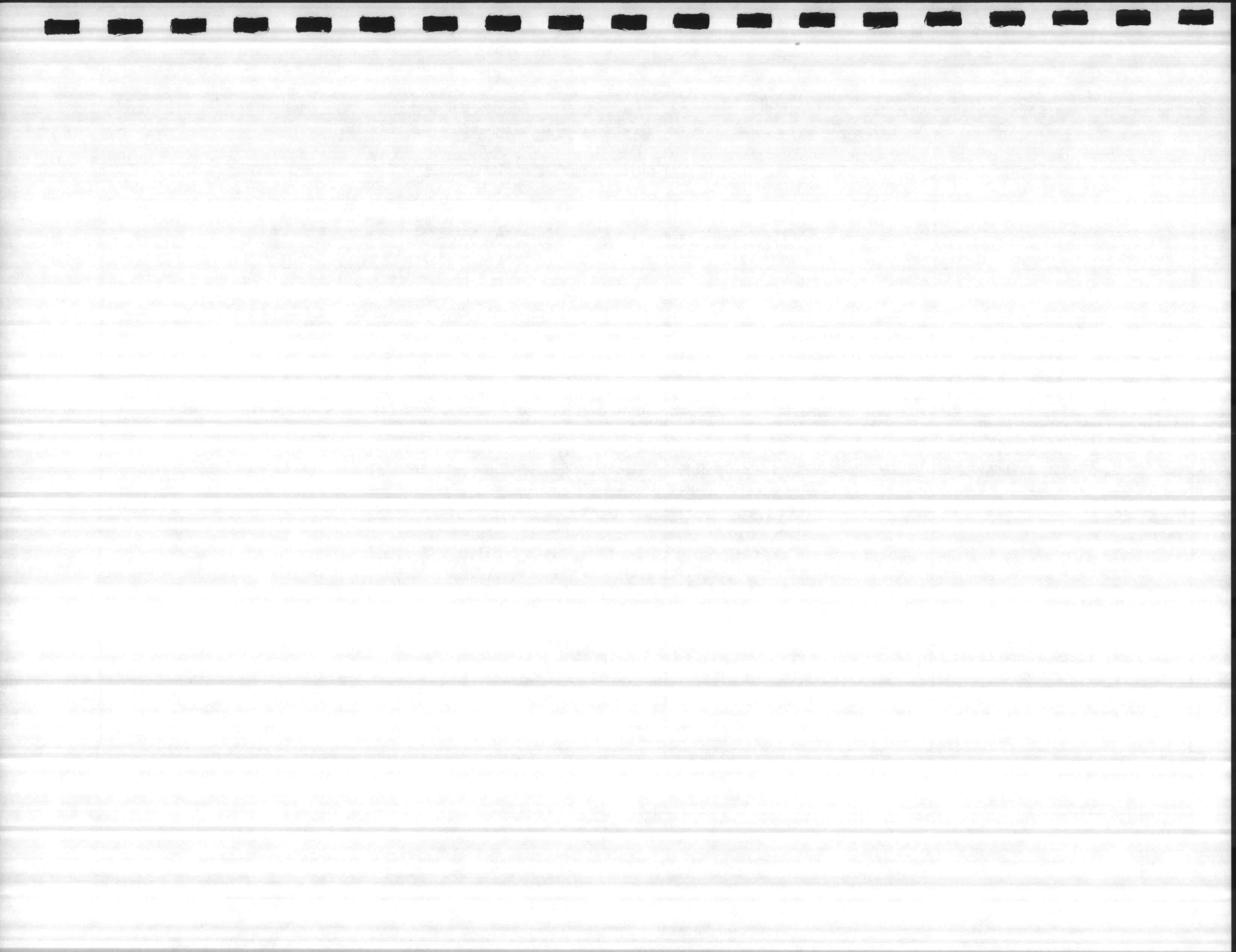
LFRTS-P-0001





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

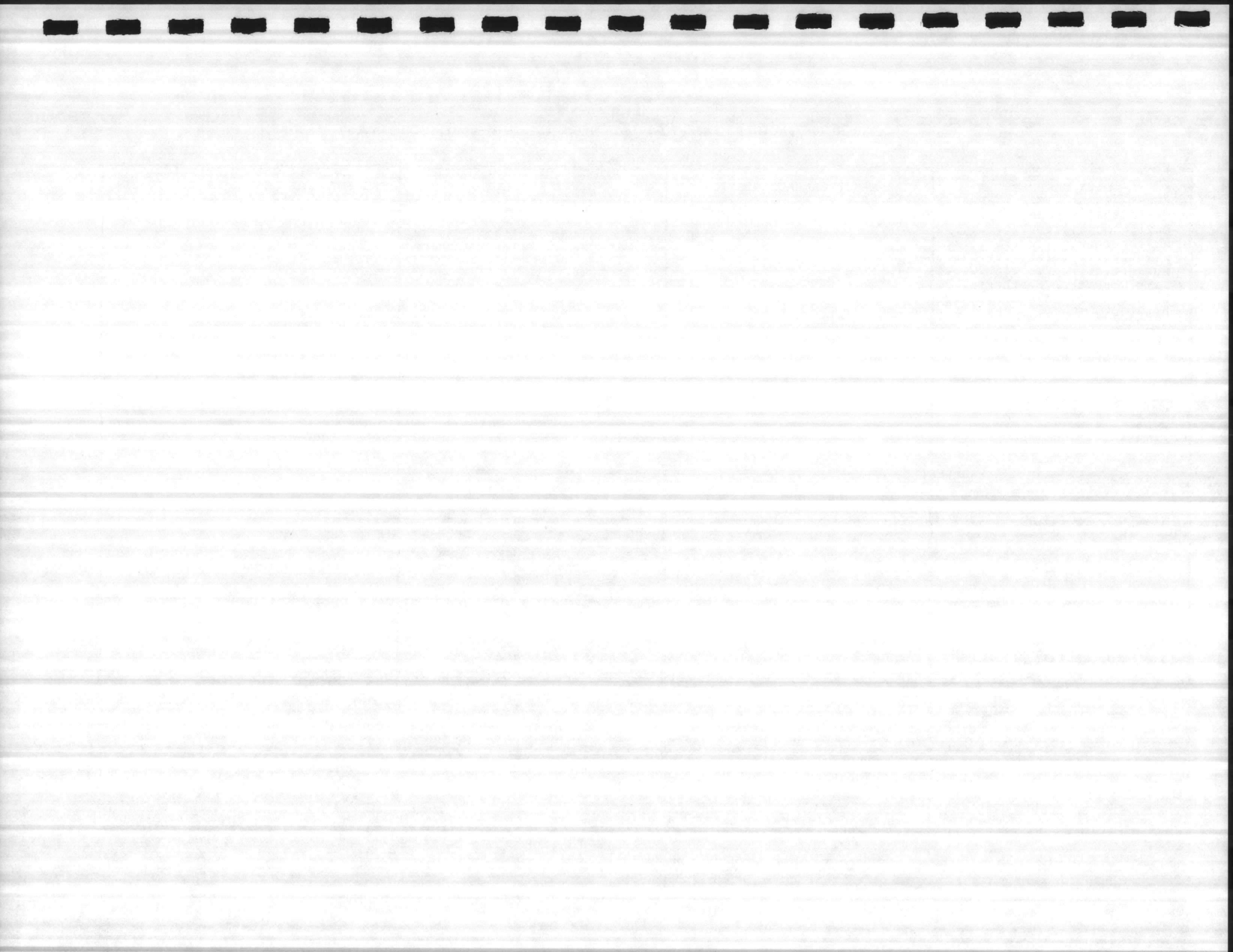
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	3		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	8 5 8		
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	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



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

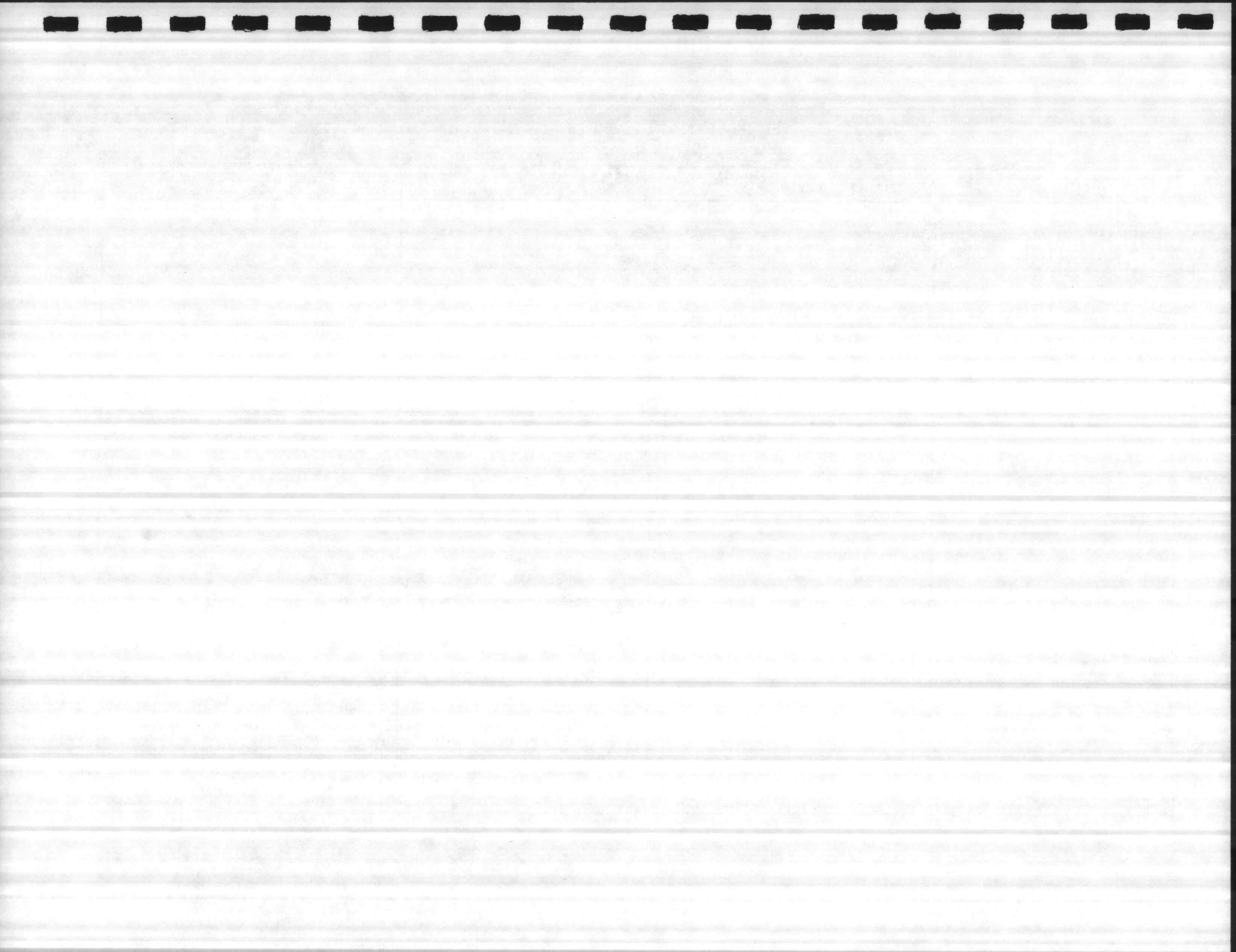
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Dove, TLZ Hawk		
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: GP-26, MCB, Camp Lejeune, NC

Gun 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)	50 X 80 yds		
Primary Direction of Fire	450 MILS/25 degrees (G-10) 5100 MILS/285 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP90142946		
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.....			

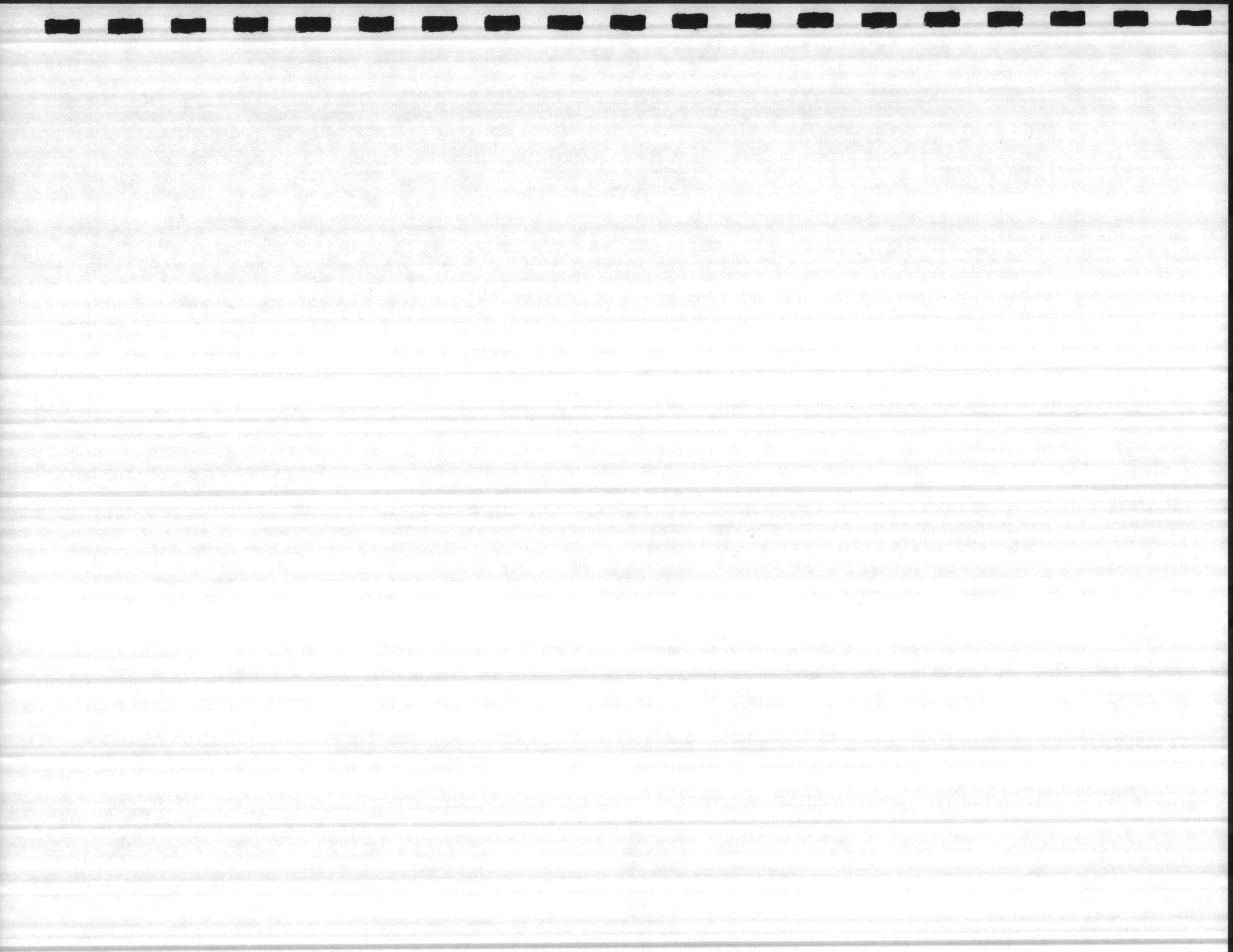
FILE NAME: LP010098

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

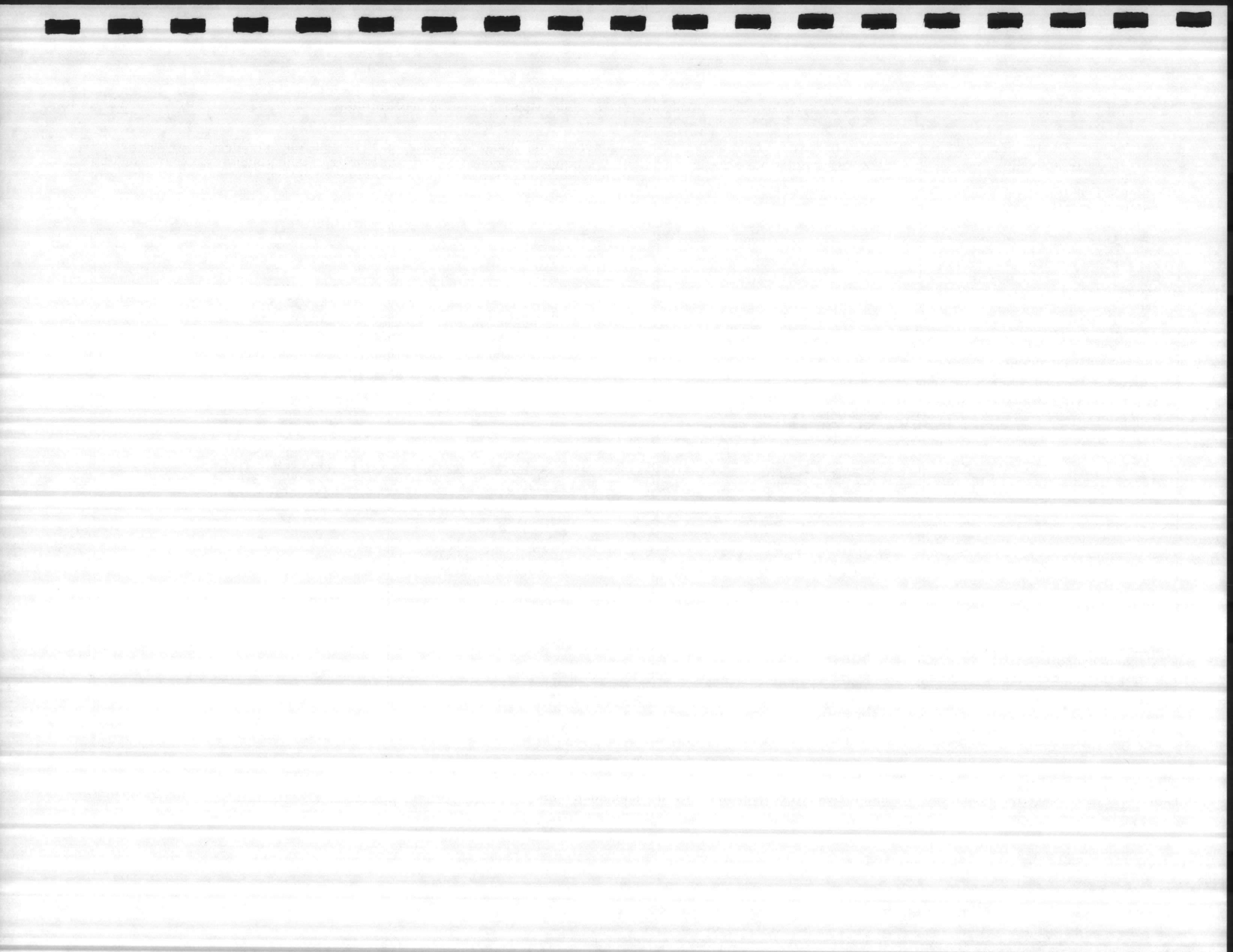
LFRTS-P-0001





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

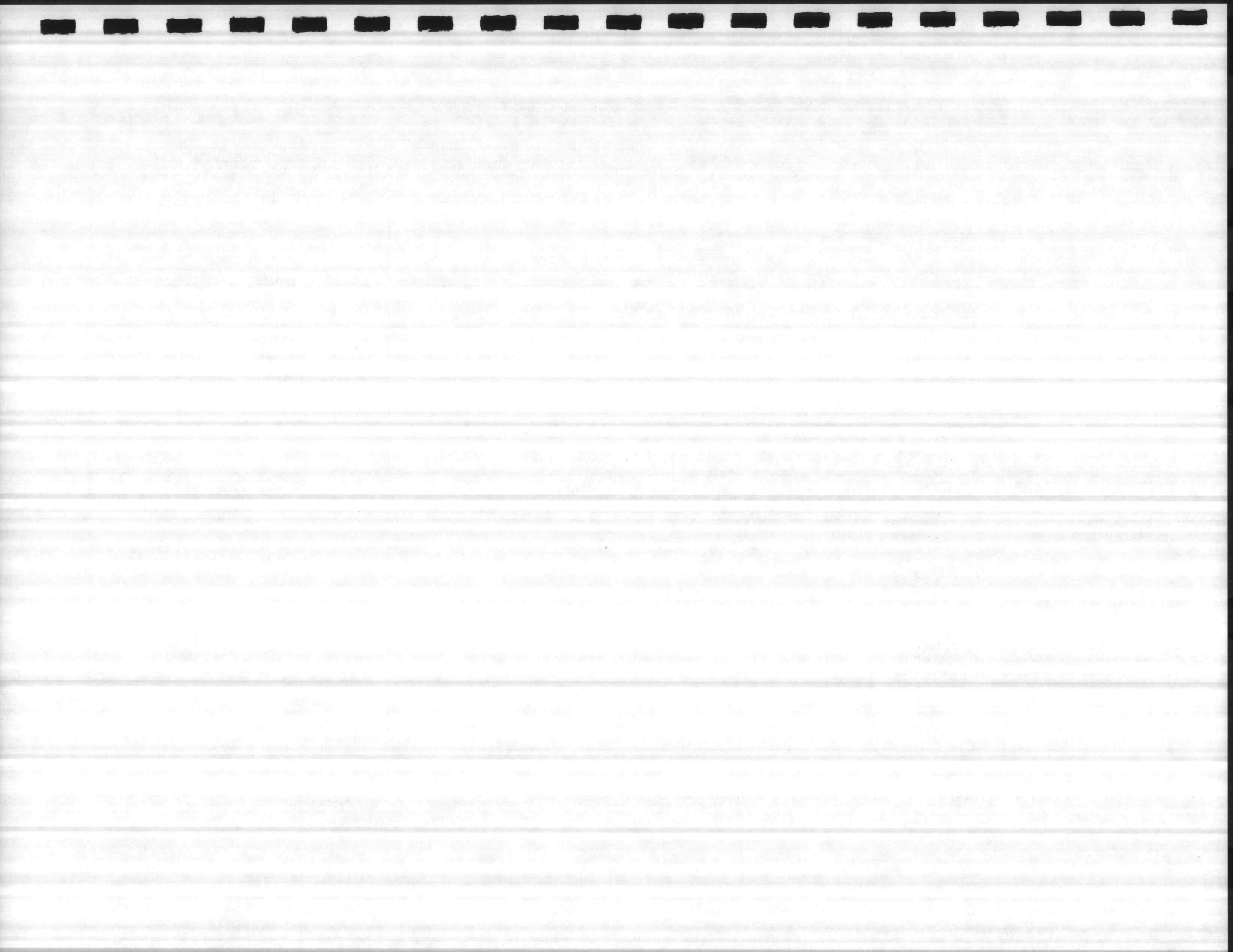
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

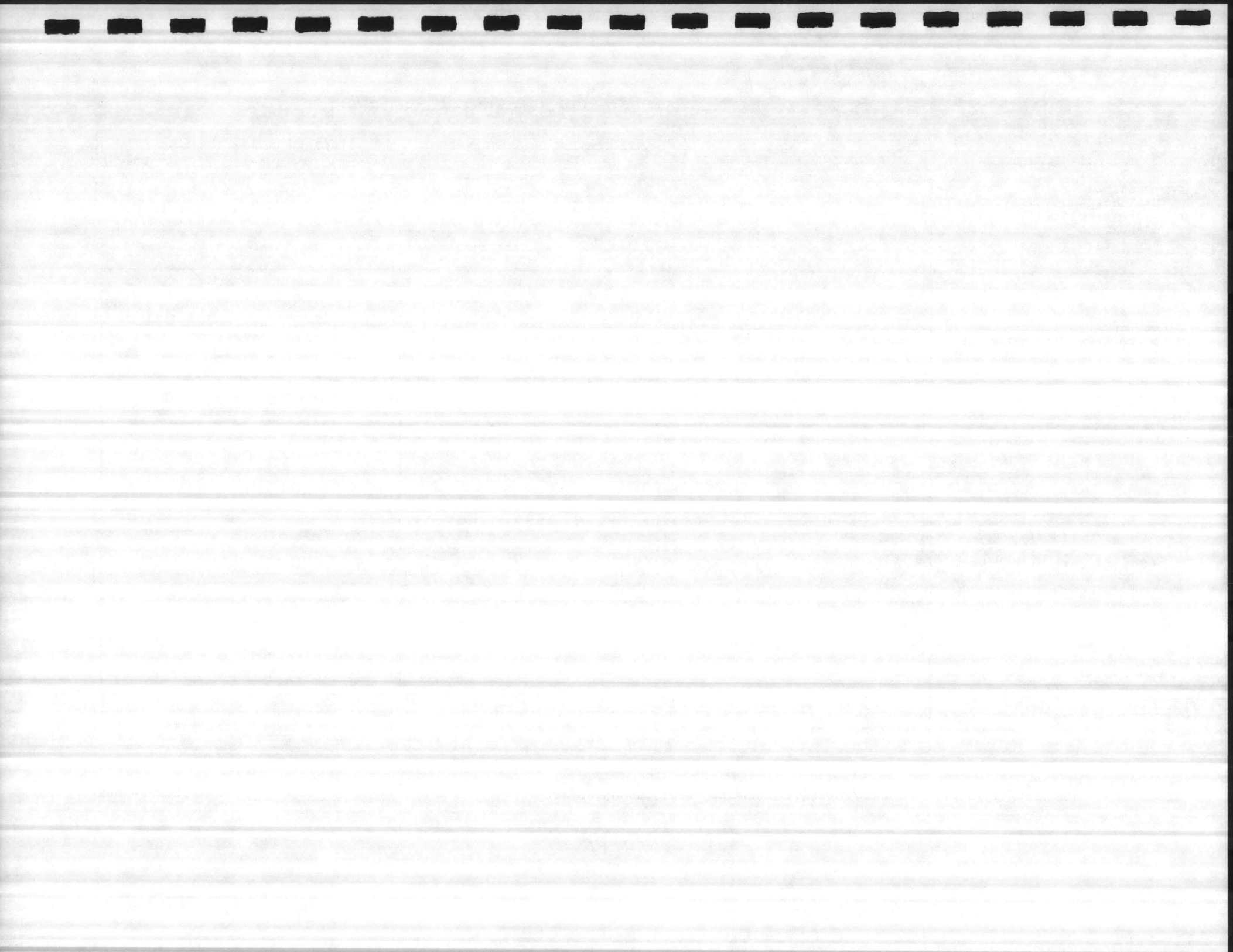
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....		NOT APPLICABLE	NOT APPLICABLE
Arctic.....			
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	98		
Percentage Swamp.....	2		
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	98		
Percentage Clay.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Swamp/Marsh.....	2		
Percentage Loamy.....			
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.....	2 .....	.....	
Percentage Moderate.....	98 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	4 .....	.....	
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).....	9 .....	.....	
Ammunition (km).....	6 .....	.....	
Rations (km).....	9 .....	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined .....	.....	
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	Yes		

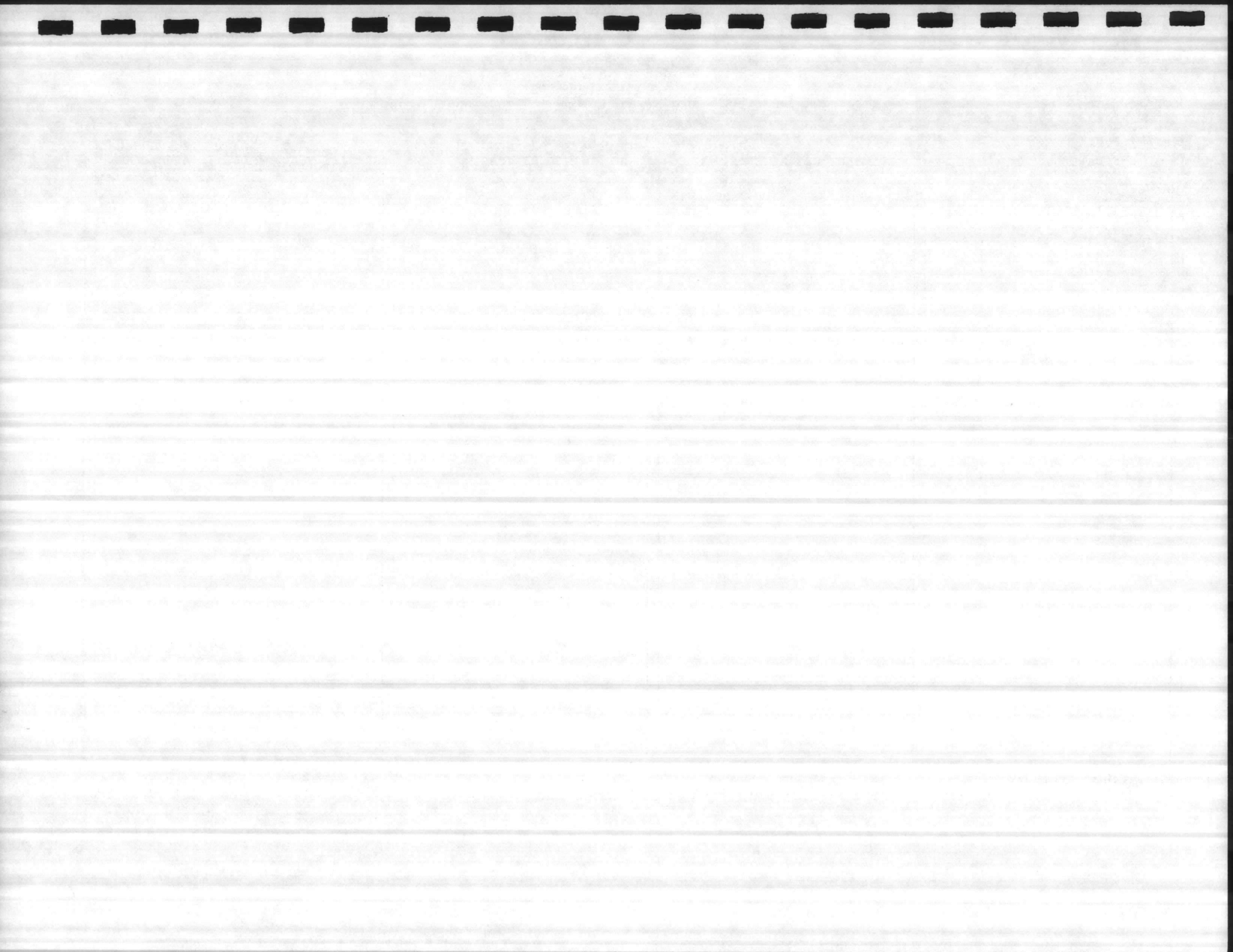




LATAR RANGE/FACILITY INVENTORY DATA FORM (LFRTS-P-0001) (CONTINUED)

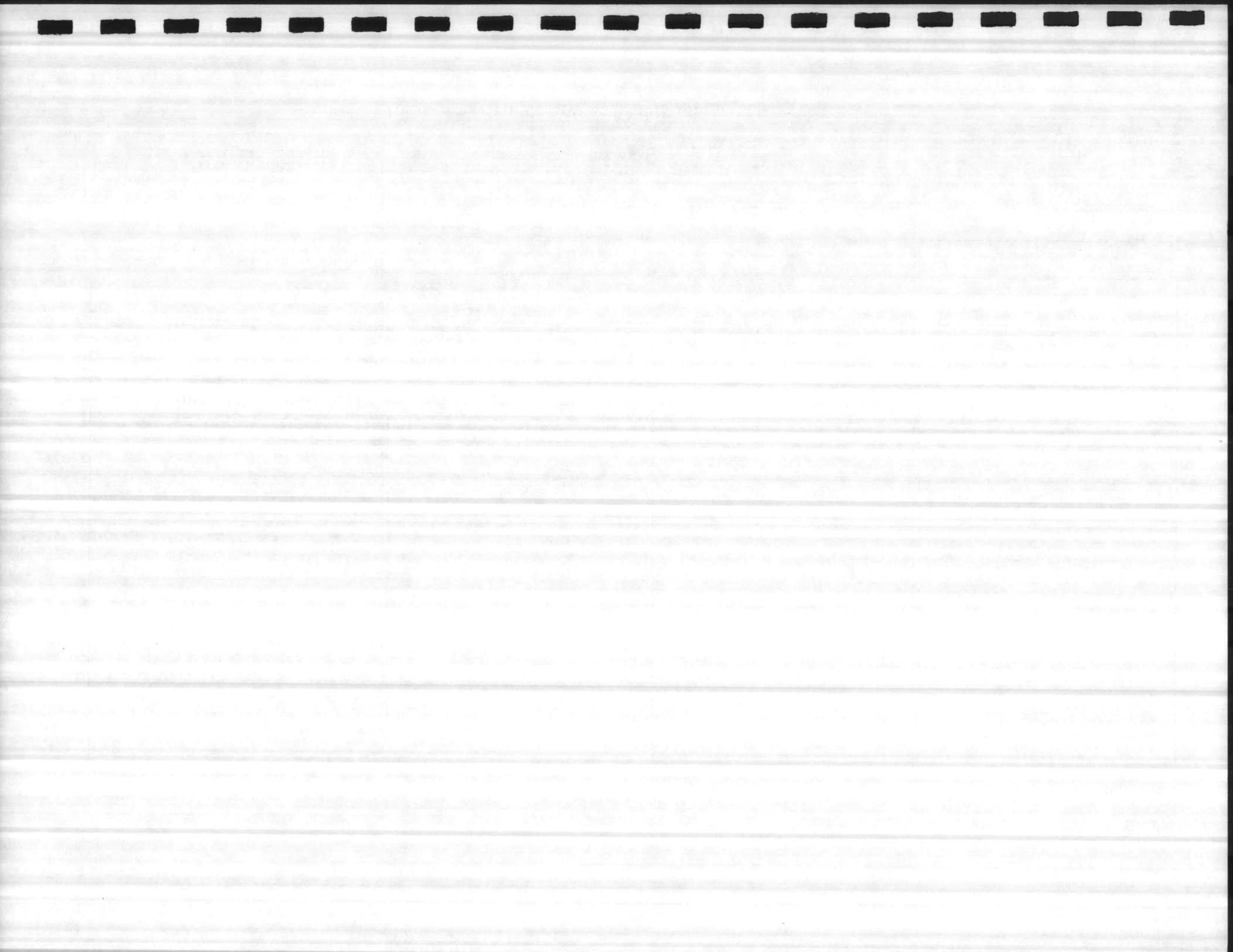
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total.....10 Maintenance.....10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Goose, TLZ Hawk		
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 Bordering 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: GP-27A, MCB, Camp Lejeune, NC

Gun 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)	70 X 170 yds		
Primary Direction of Fire	200 MILS/12 degrees (G-10) 5300 MILS/295 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP90692810		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

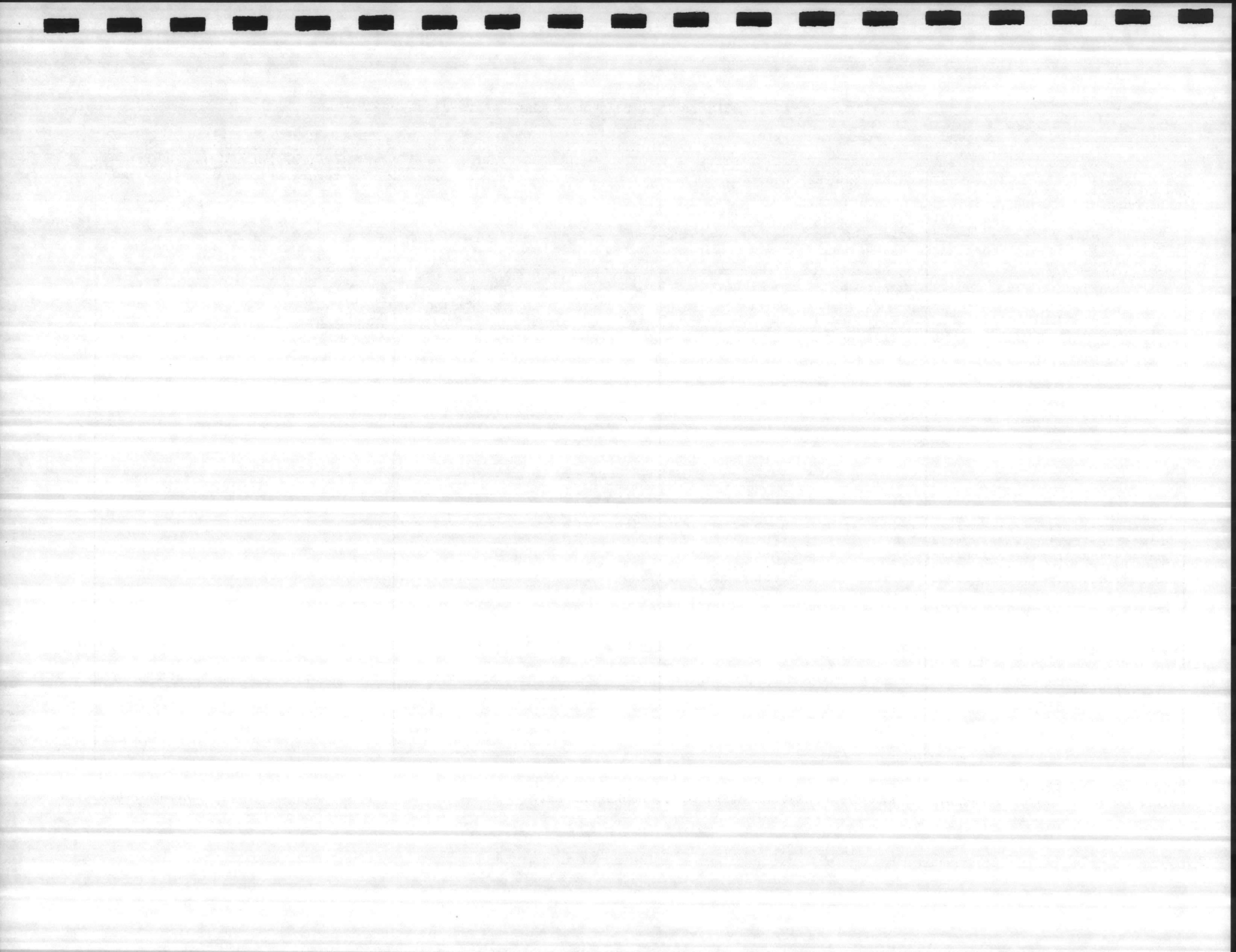
FILE NAME: LP010099

PAGE 1 OF 6 DATE: 03/05/87

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

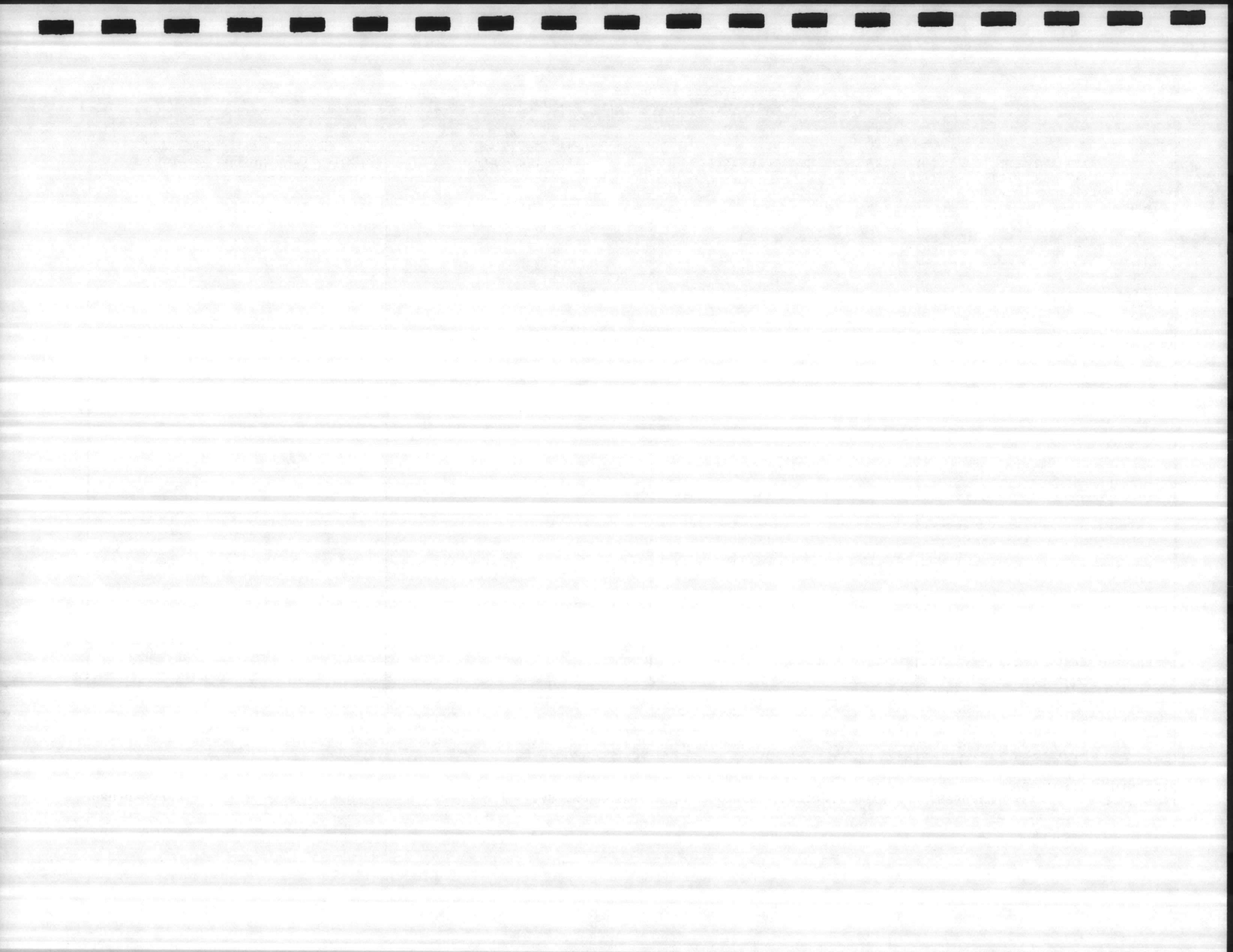
LFRTS-P-0001





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

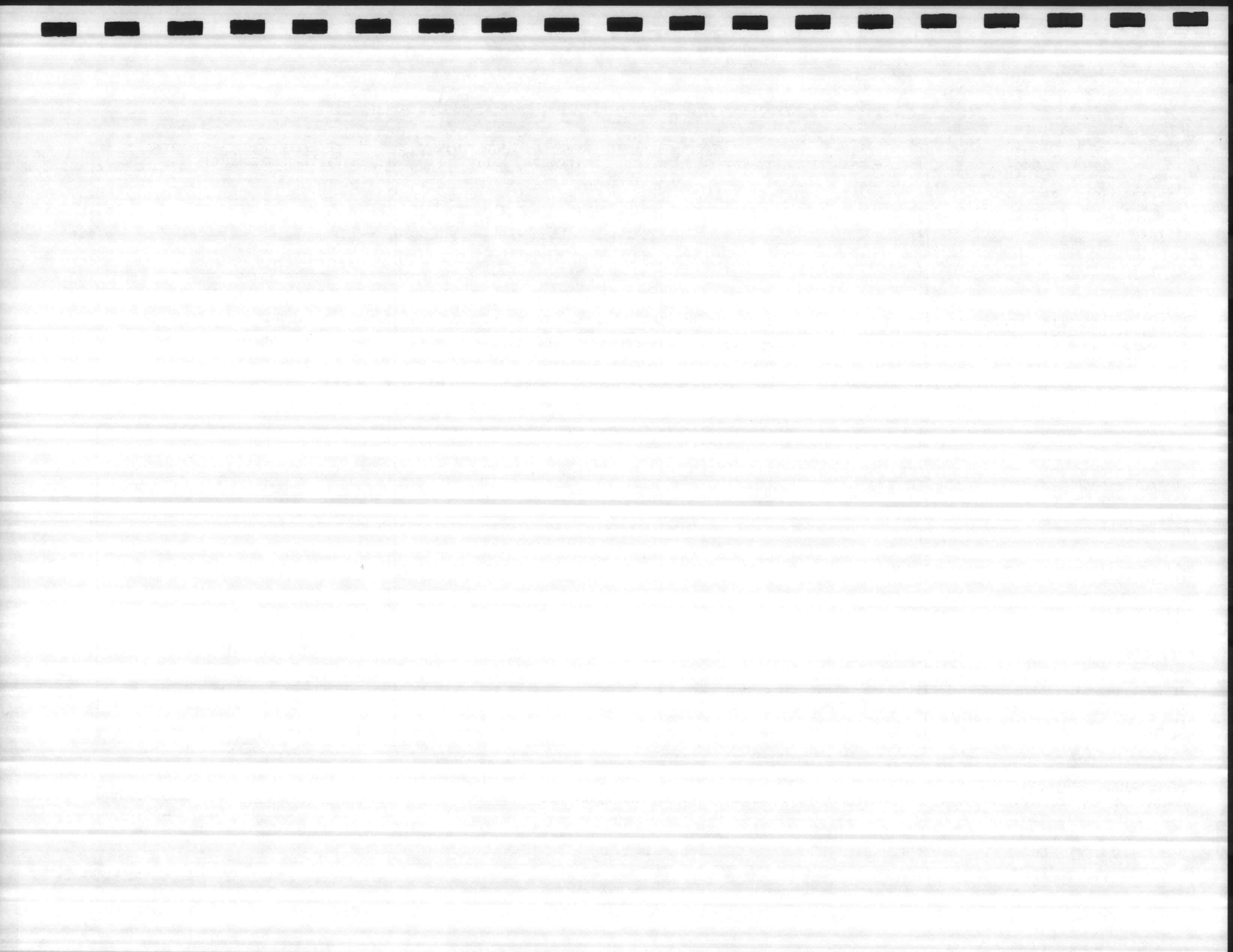
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

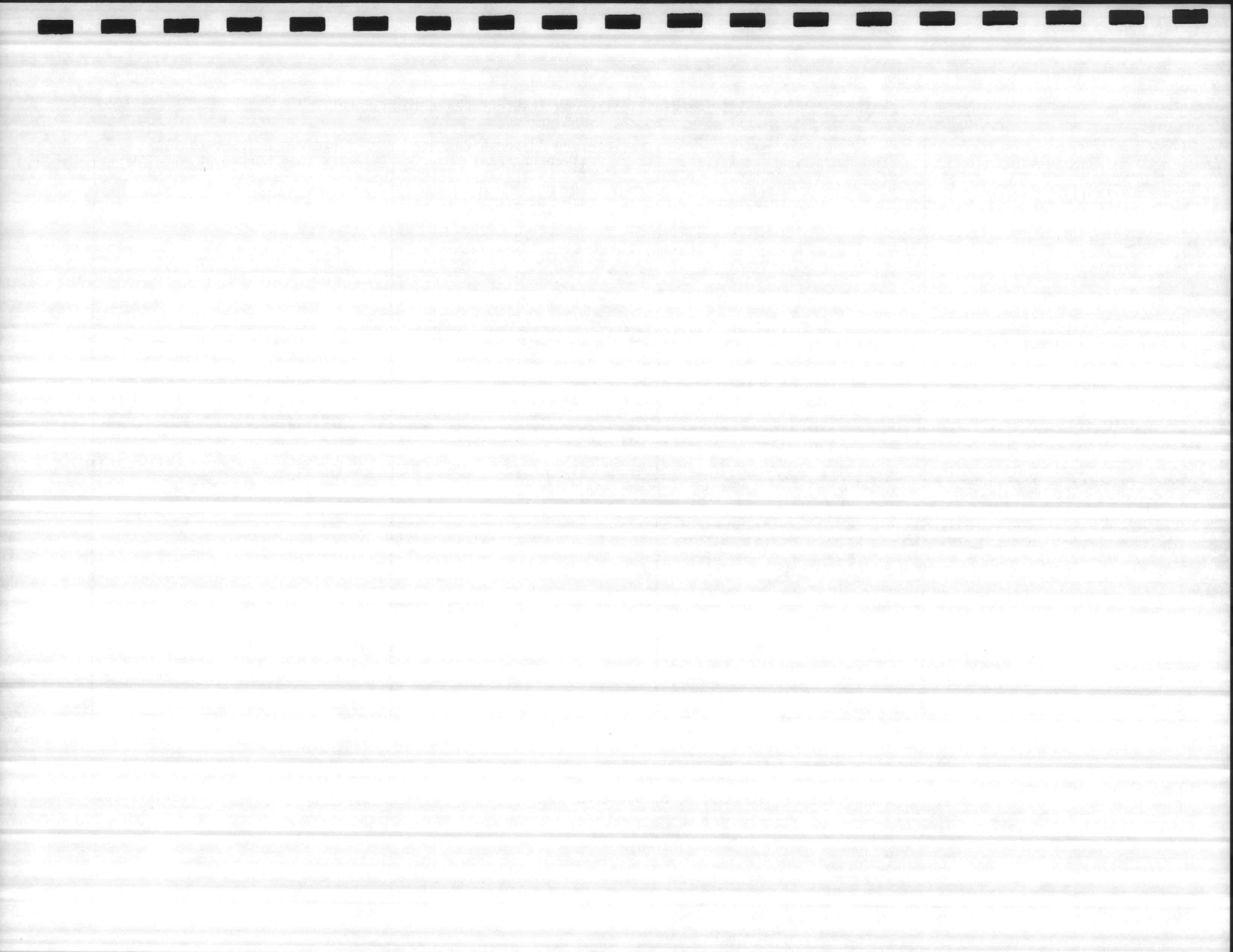
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	98		
Percentage Swamp.....	2		
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	98		
Percentage Clay.....			
Percentage Swamp/Marsh.....	2		
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....			





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

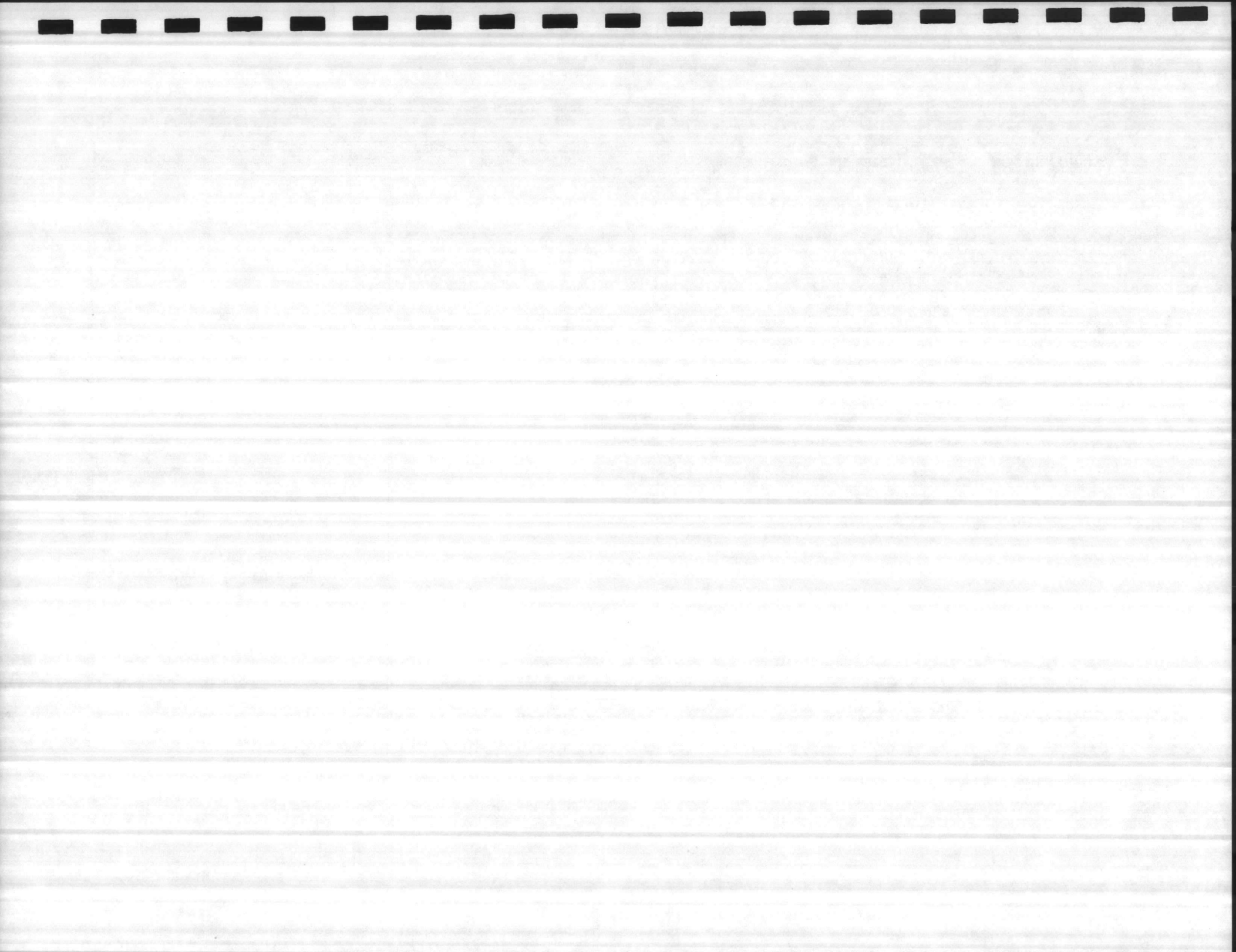
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	2 .....	.....	
Percentage Moderate.....	98 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	3 .....	.....	
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).....	11 .....	.....	
Ammunition (km).....	8 .....	.....	
Rations (km).....	11 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined .....	.....	
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			



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

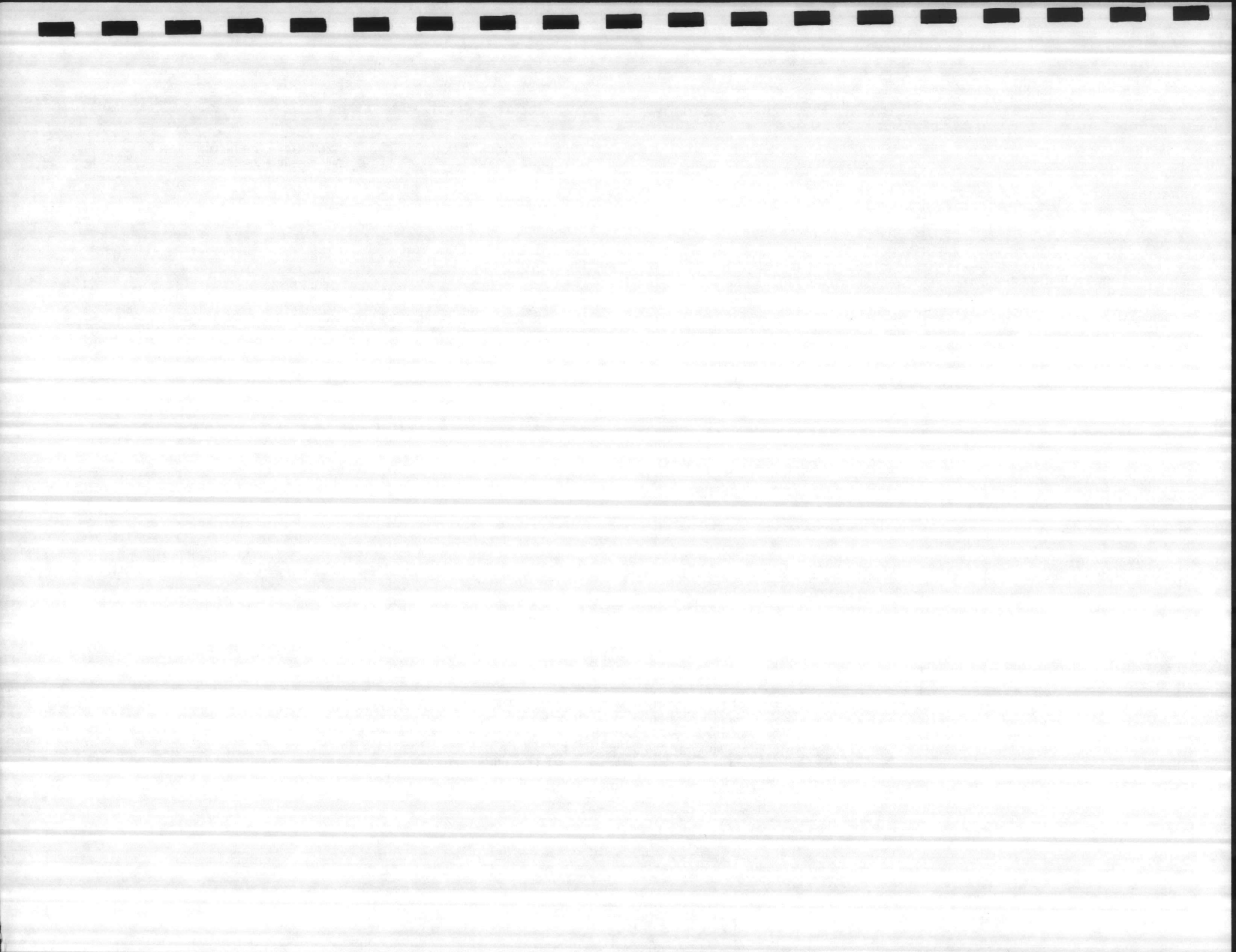
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year			
Total.....	10 .....	0 .....	0 .....
Maintenance.....	10 .....	.....	.....
Weather.....	.....	.....	.....
Budget.....	.....	.....	.....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



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: GP-28, MCB, Camp Lejeune, NC

Gun 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)	240 X 280 yds		
Primary Direction of Fire	110 MILS/7 degrees (G-10) 5180 MILS/292 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP91202935		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

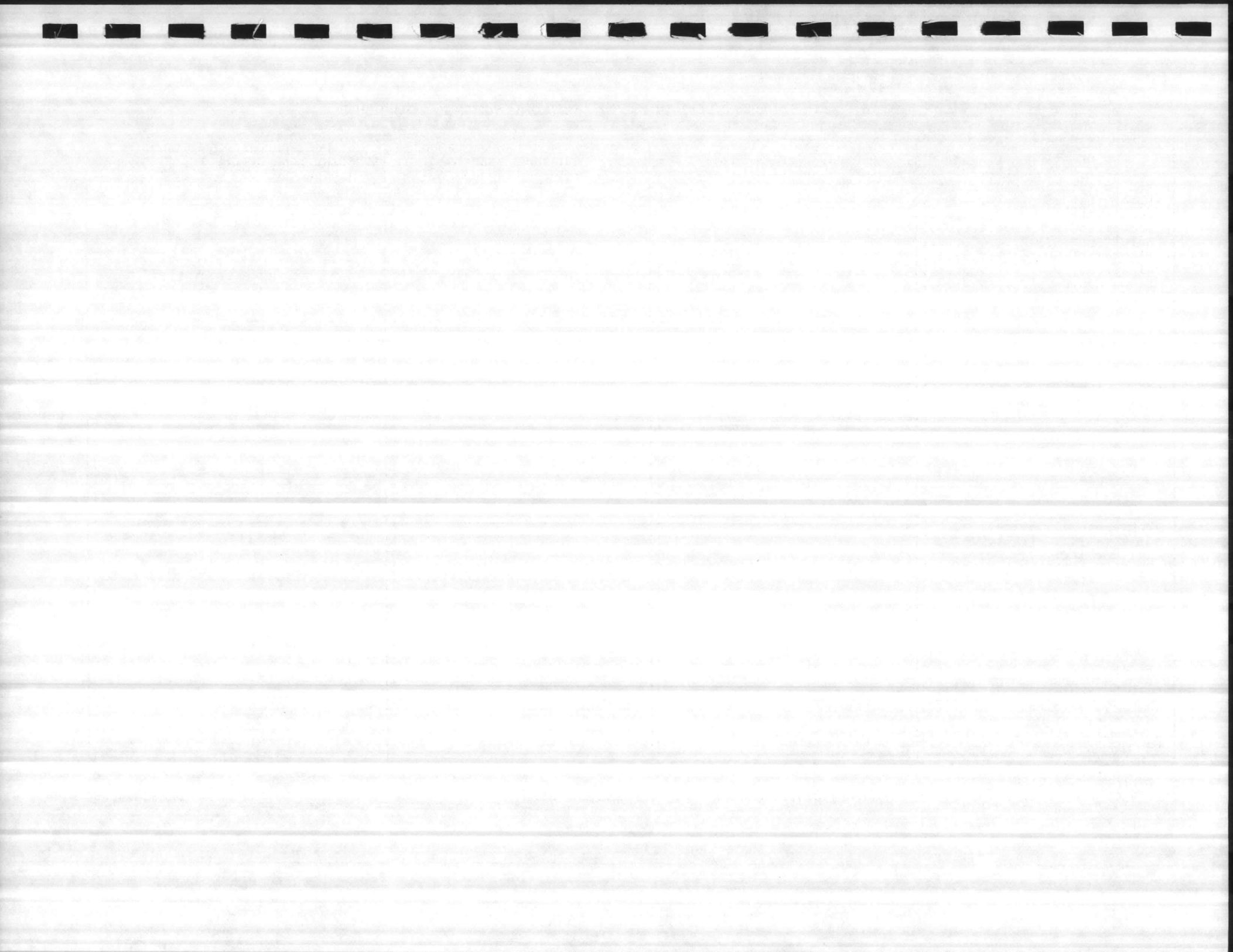
FILE NAME: LP010100

PAGE 1 OF 6 DATE: 03/05/87

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

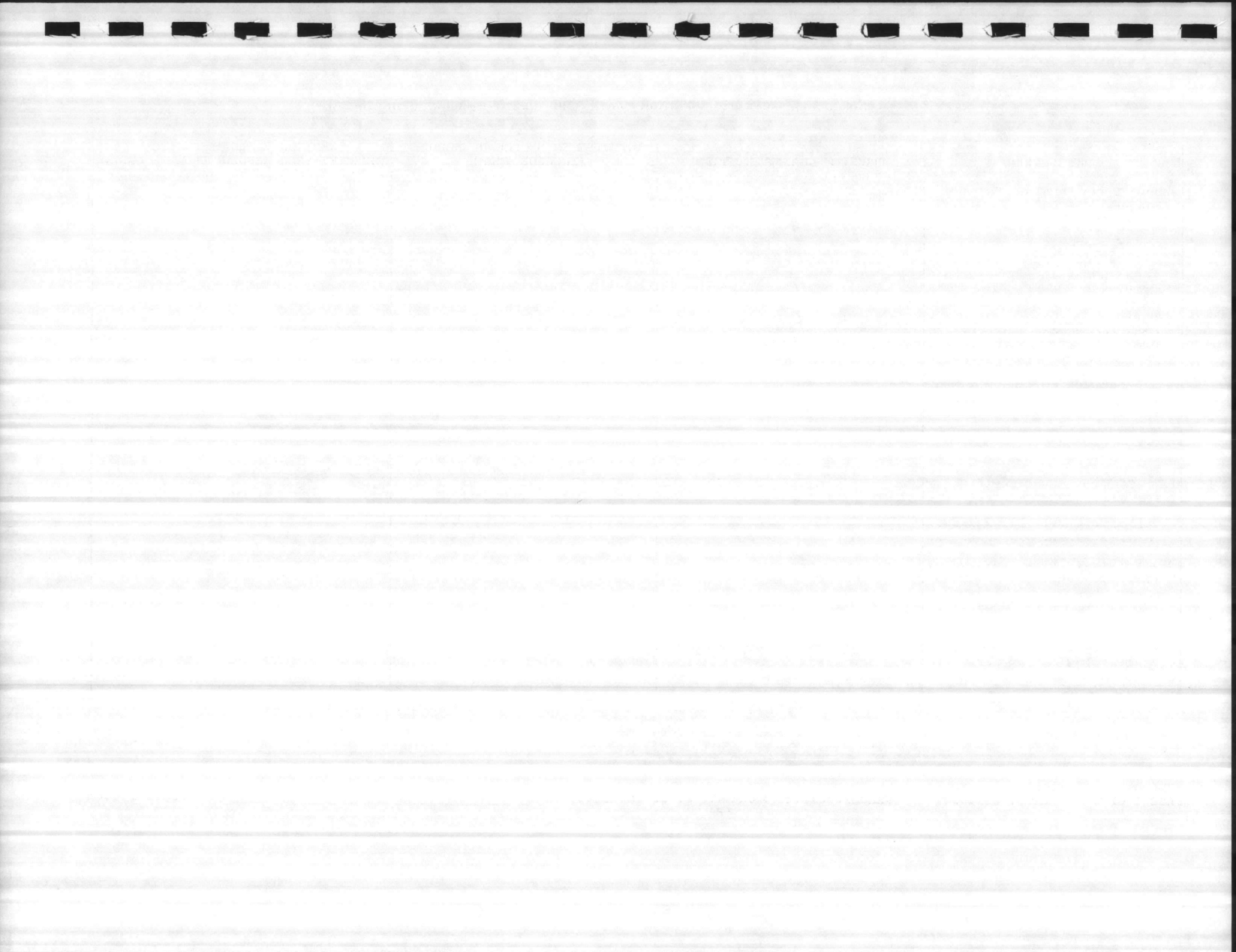
LFRTS-P-0001





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	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	50		
Percentage Swamp.....			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....	50		
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	100		
Percentage Clay.....			
Percentage Swamp/Marsh.....			
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....			

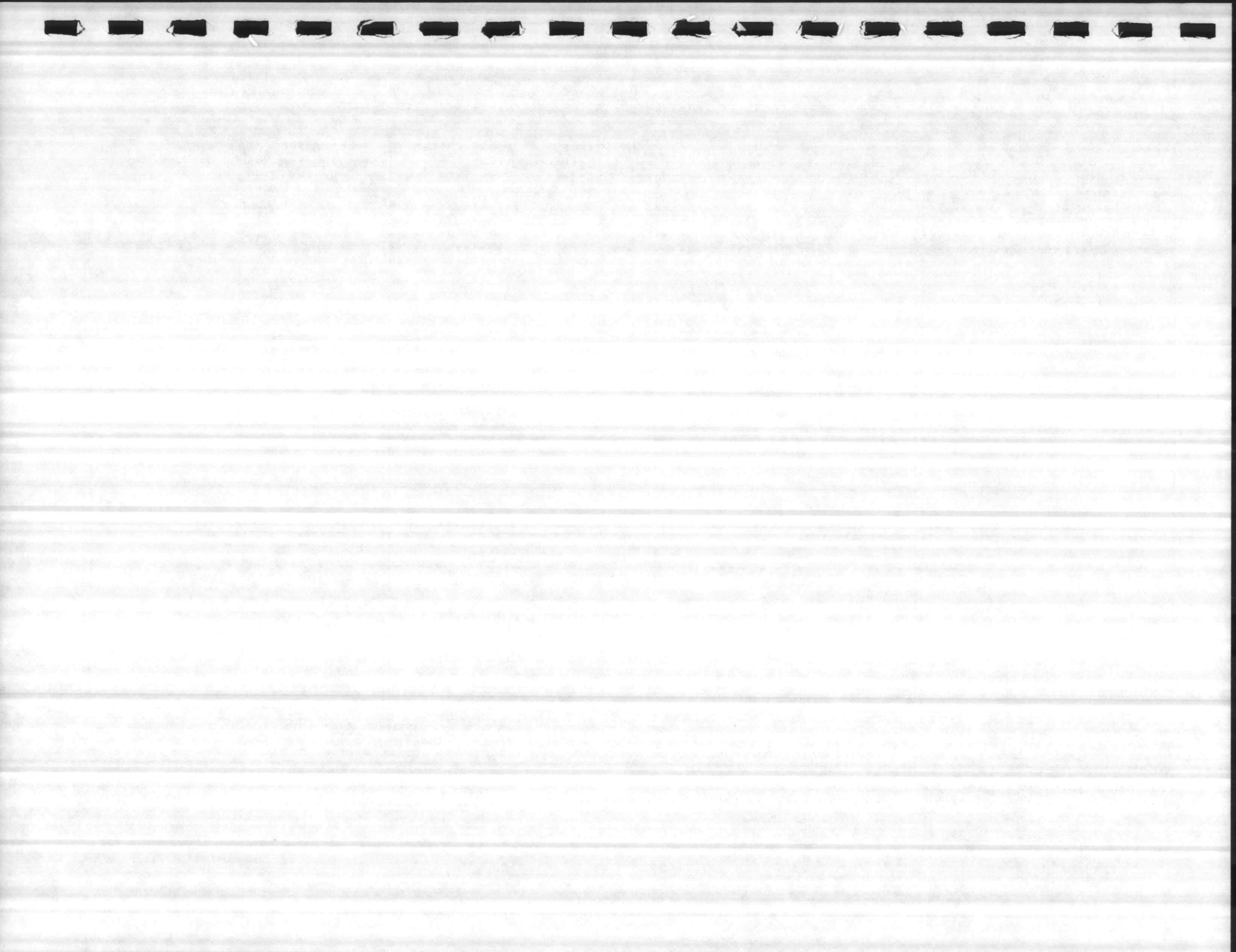


LATA RANGE/FACILITY INVENTORY DATA FORM (LIST-F-1001) (CONTINUED)

DATA ELEMENT	PRESENT CHARACTERISTIC	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTIC (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....			
Percentage Sparse.....	50		
Percentage Moderate.....	50		
Percentage Heavy.....			
Access			
No. of Land Access Routes.....	2		
No. of Land Water Routes.....			
No. of Air Routes.....			
No. of Beach Access Areas.....			
Distance from Supply Point			
For Land.....	11		
For Water.....			
Nations Limit.....	11		
List Capacity of an 8-Hour Traction Day, Capacity			
No. of Individuals.....			
No. of Batteries.....	Undefined		
No. of Crew-Served Weapons.....			
No. of Aircraft/Balloon.....			
As Appropriate			
Number of Days per Year for Underactivity is Available			
Is Range/Facility Capable of Winter Use?	Yes		
Yes, No			

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

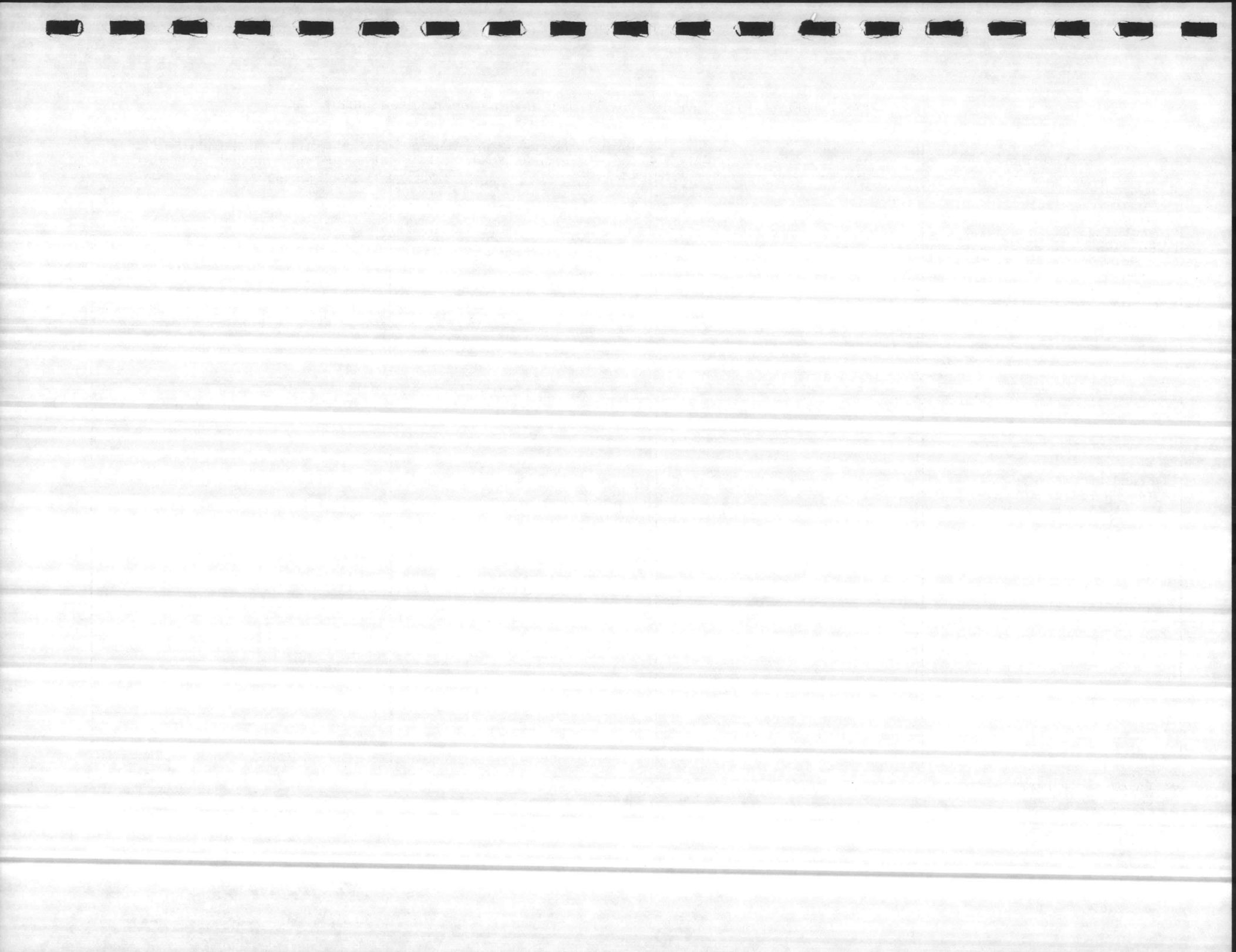
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	50	.....	
Percentage Moderate.....	50	.....	
Percentage Heavy.....	.....	.....	
Access			
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).....	11	.....	
Ammunition (km).....	7	.....	
Rations (km).....	11	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined	.....	
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			



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	TLZ Goose, TLZ Hawk		
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: LP010100

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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: GP-29, MCB, Camp Lejeune, NC

Gun 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)	270 X 340 yds		
Primary Direction of Fire	500 MILS/28 degrees (G-10)		
Associated Air Space	5670 MILS/317 degrees (K-2)		
Coordinates	17,999 ft; 399 sq km		
	TP86952886		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010101

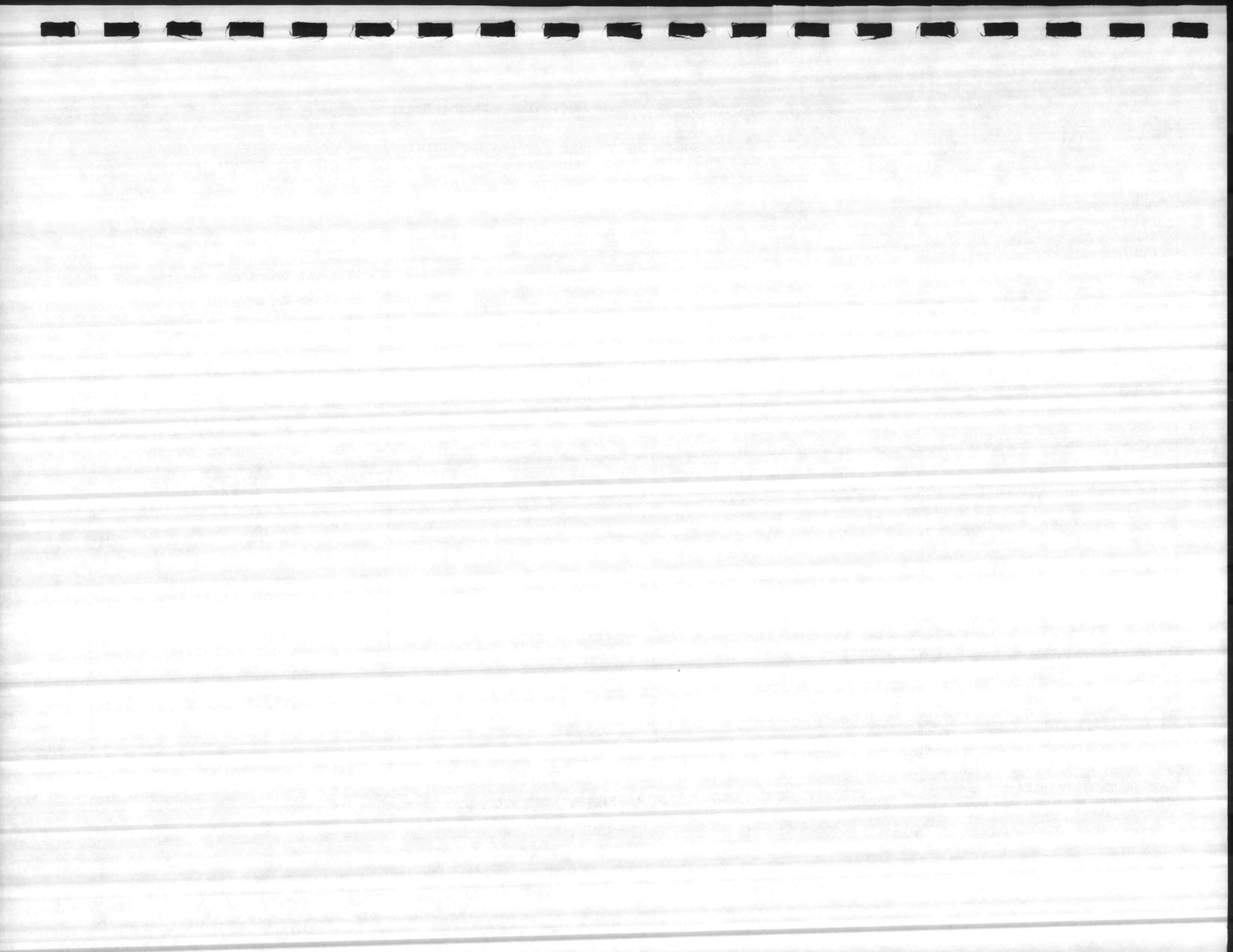
PAGE 1 OF 6

DATE: 03/05/87

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

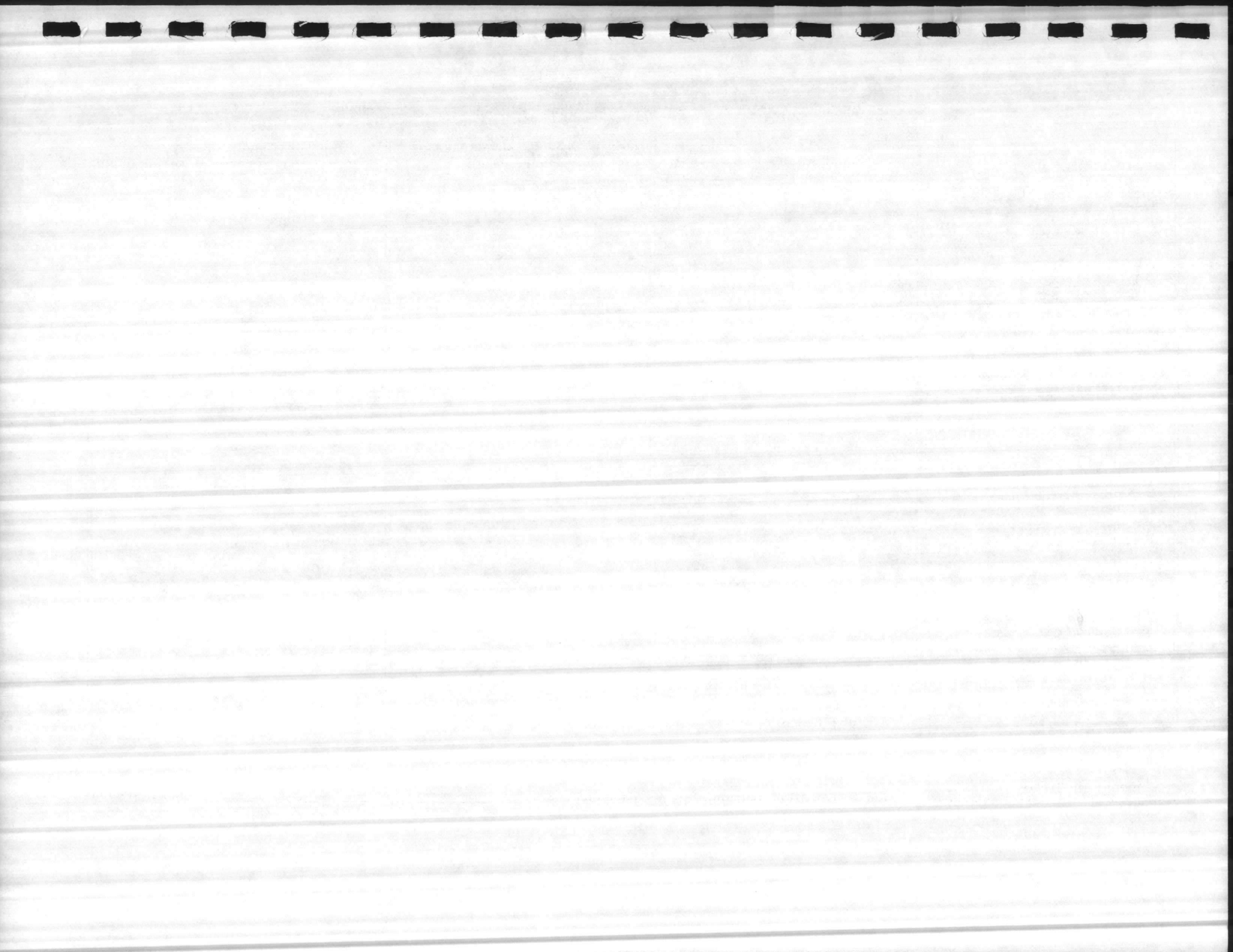
LFRTS-P-0001





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

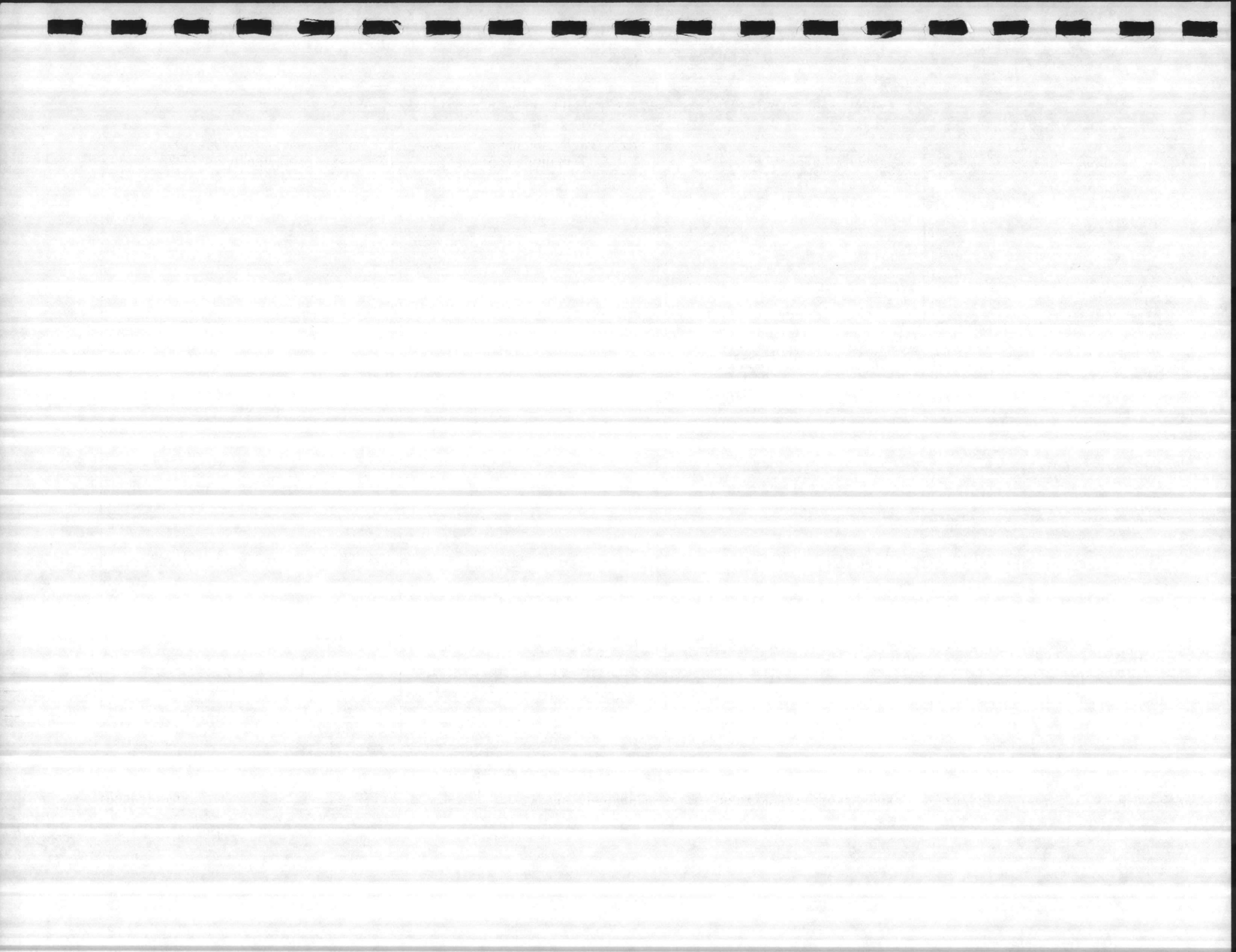
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

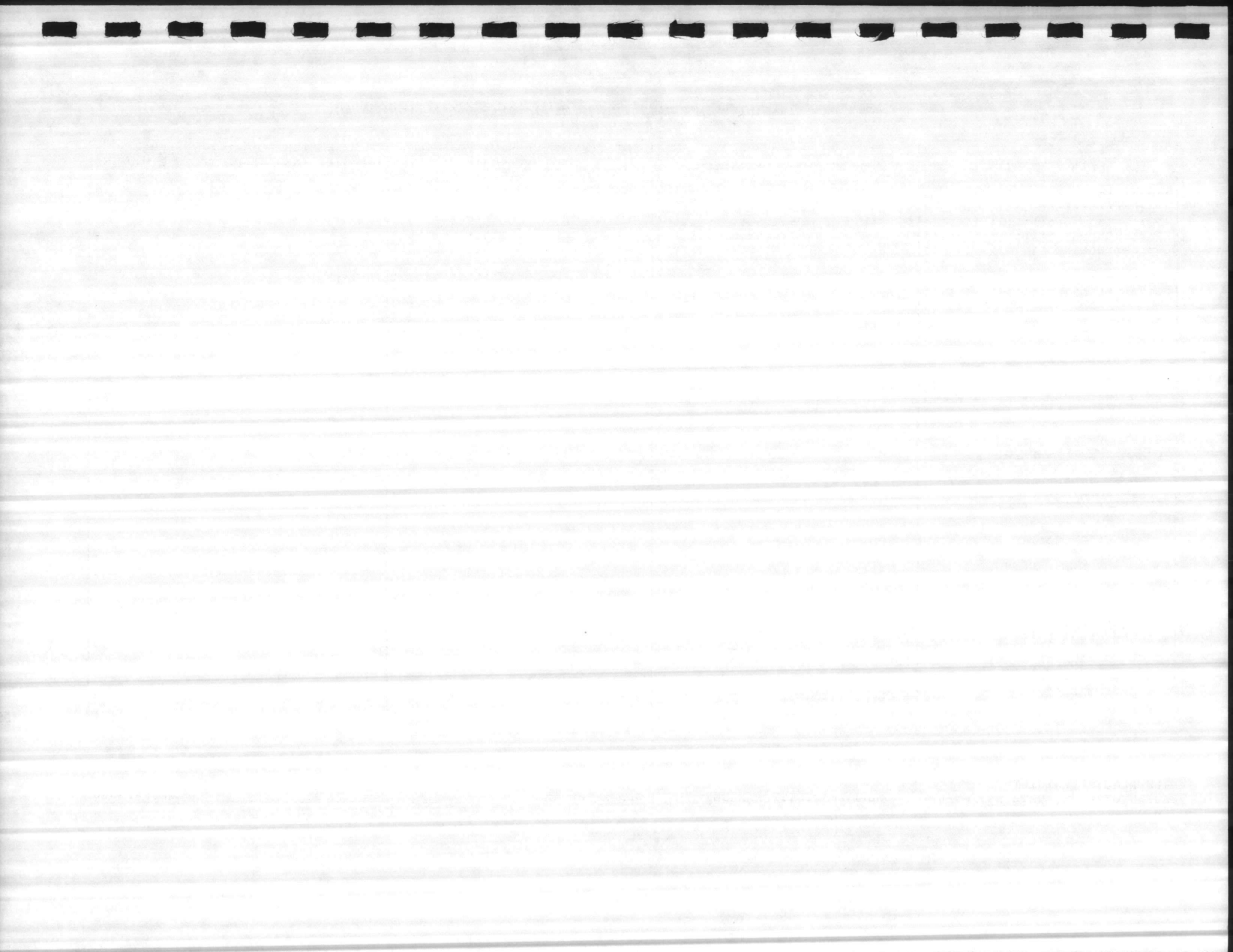
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		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 Water		NOT APPLICABLE	NOT APPLICABLE





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

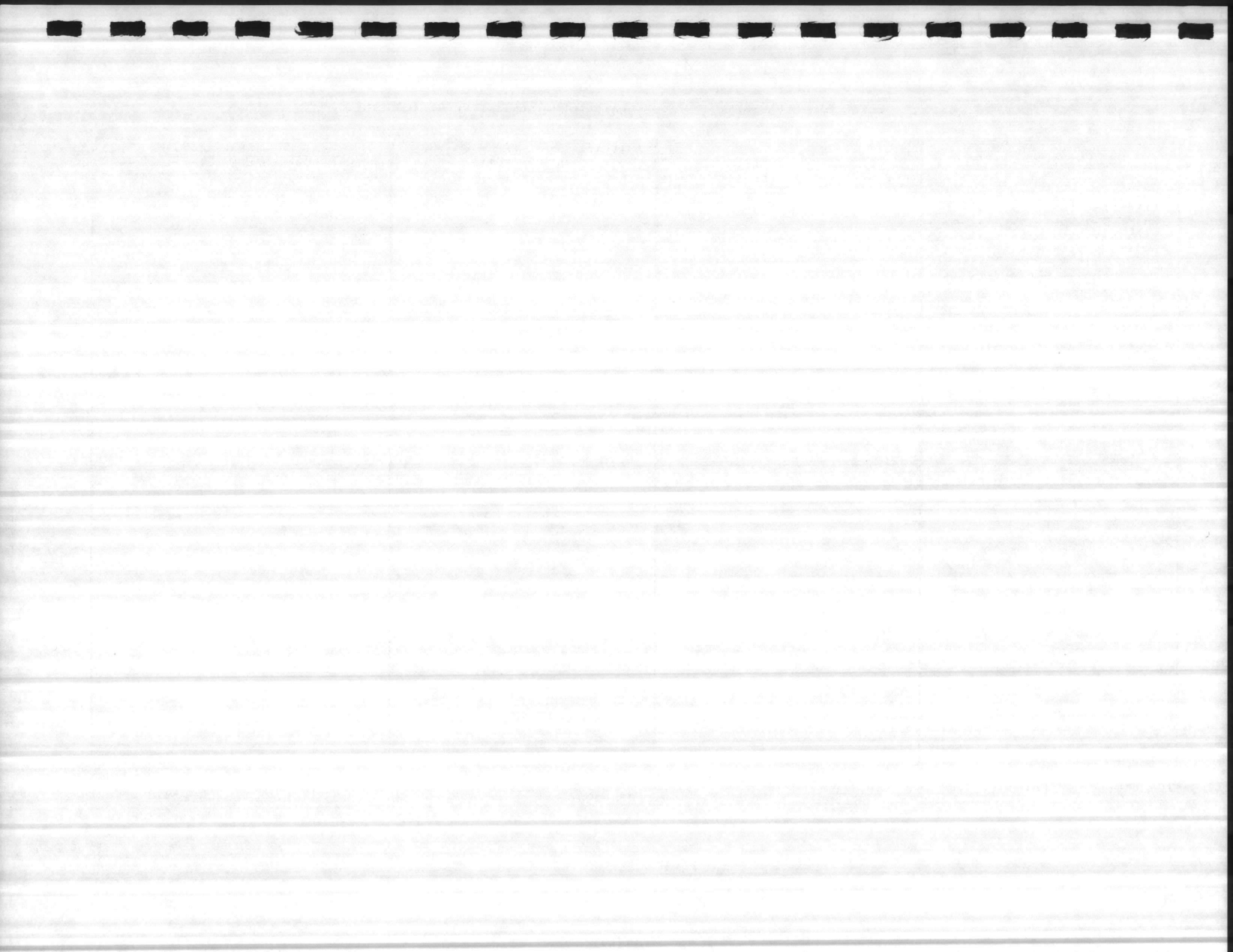
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	90	.....	
Percentage Moderate.....	10	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	4	.....	
No. of Land Water Routes...	1	.....	
No. of Air Ingress Routes...	1	.....	
No. of Air Egress Routes...	1	.....	
No. of Beach Access Areas...	.....	.....	
Distance from Supply Points			
POL (km).....	16	.....	
Ammunition (km).....	12	.....	
Rations (km).....	16	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined	.....	
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			



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	TLZ Bluebird, TLZ Albatross, TLZ Goose, TLZ Dodo, TLZ Hawk		
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)

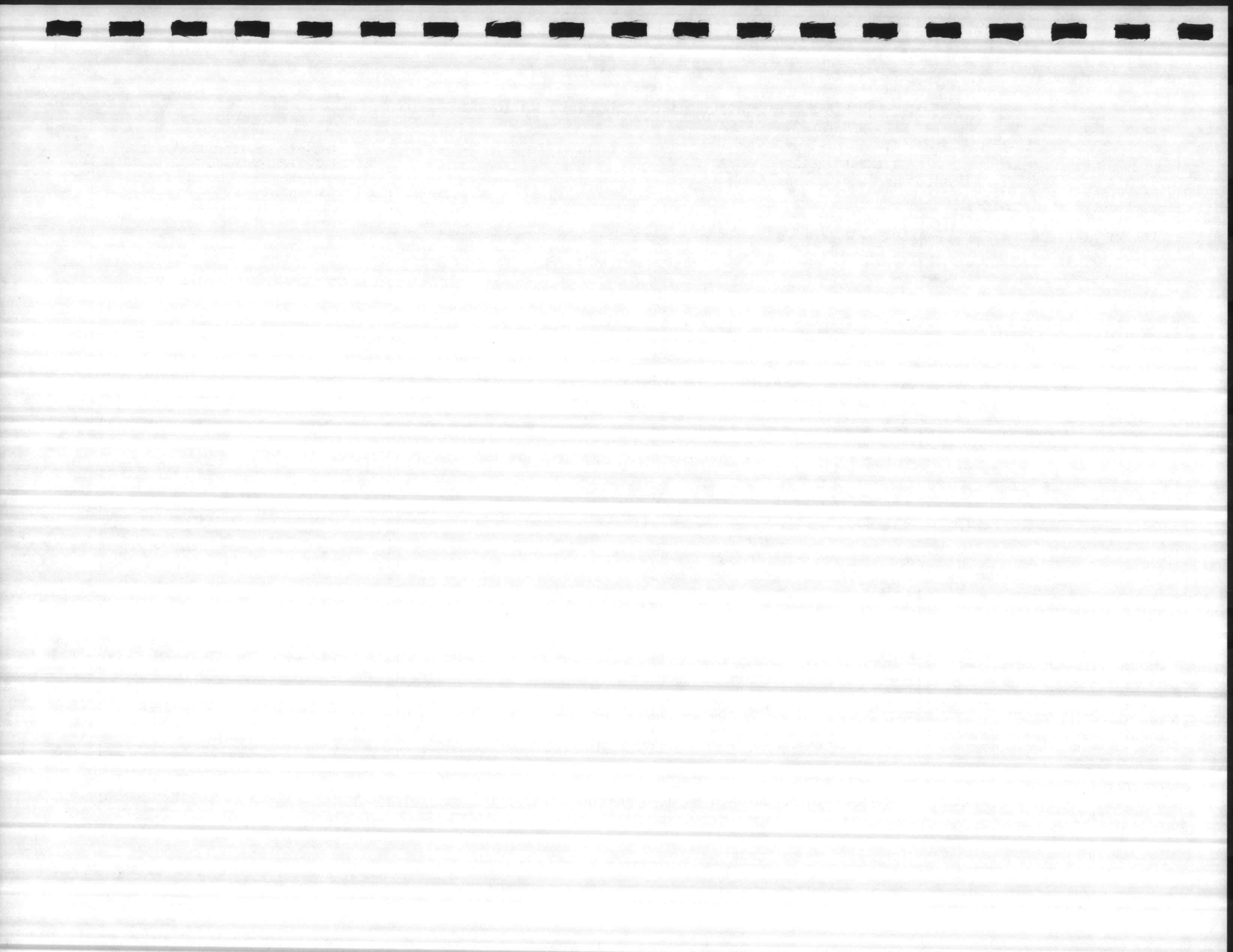
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010101

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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: GP-30, MCB, Camp Lejeune, NC

Gun 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)	170 X 240 yds		
Primary Direction of Fire	300 MILS/17 degrees (G-10) 5450 MILS/305 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP89582715		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

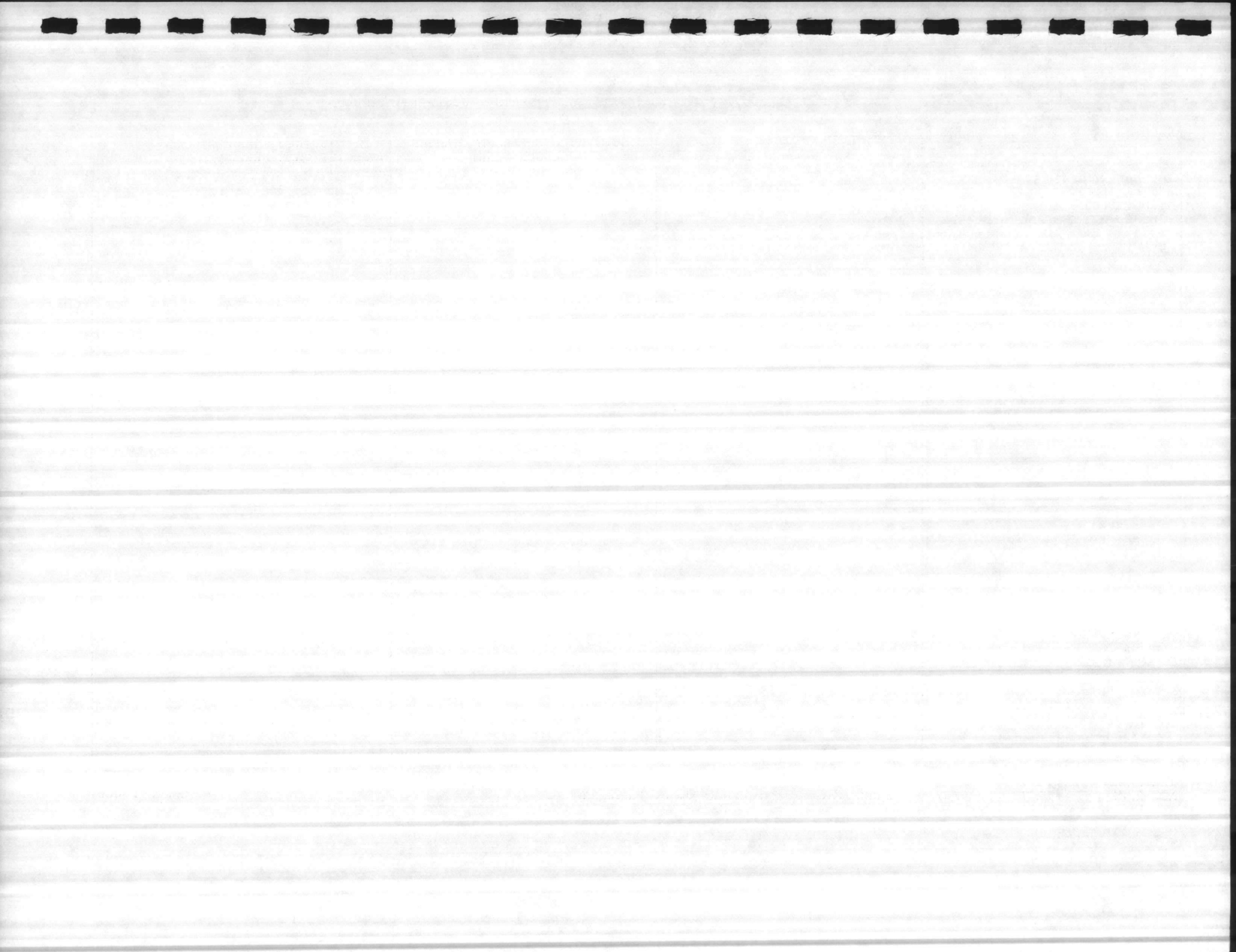
FILE NAME: LP010102

PAGE 1 OF 6 DATE: 03/05/87

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

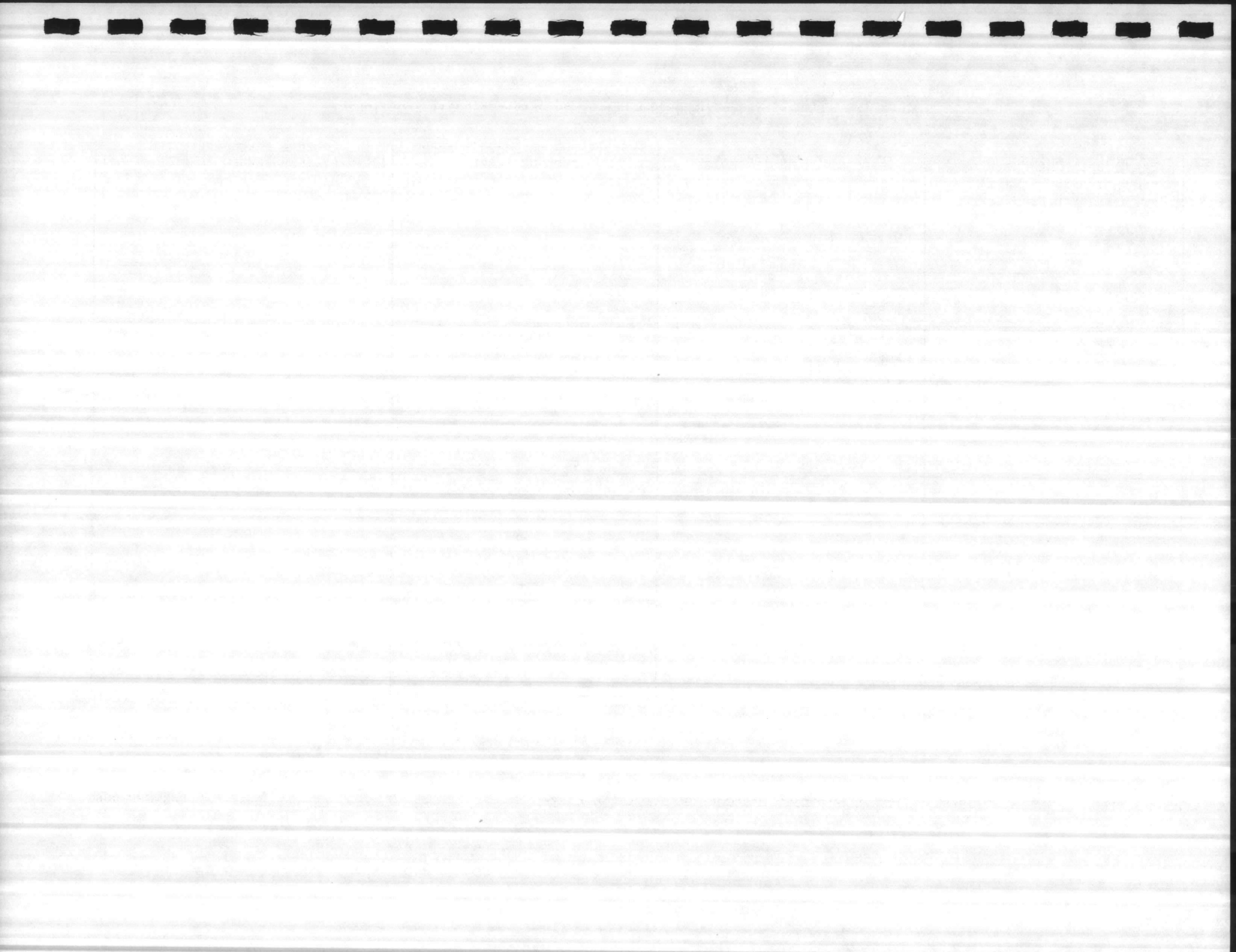
LFRTS-P-0001





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

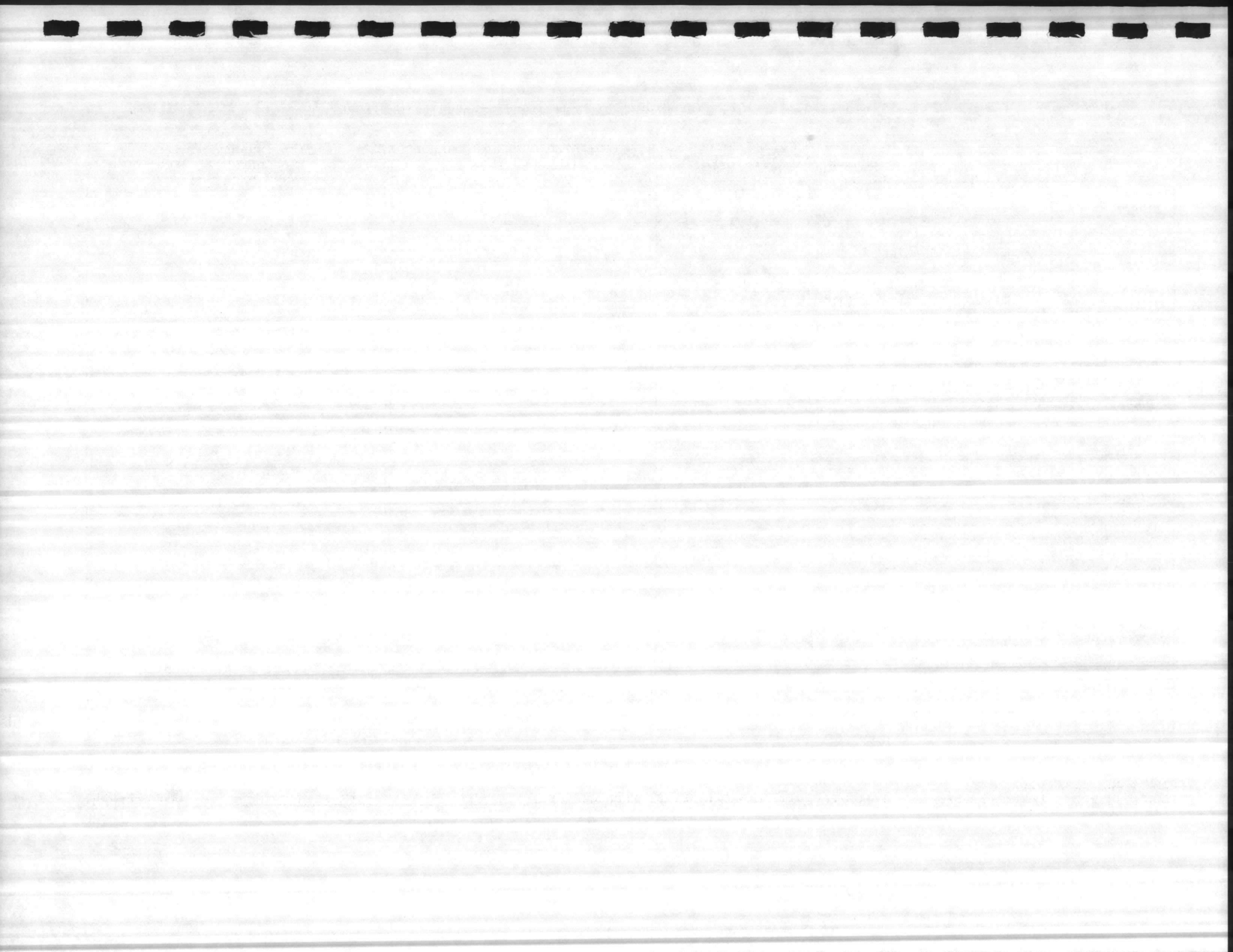
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

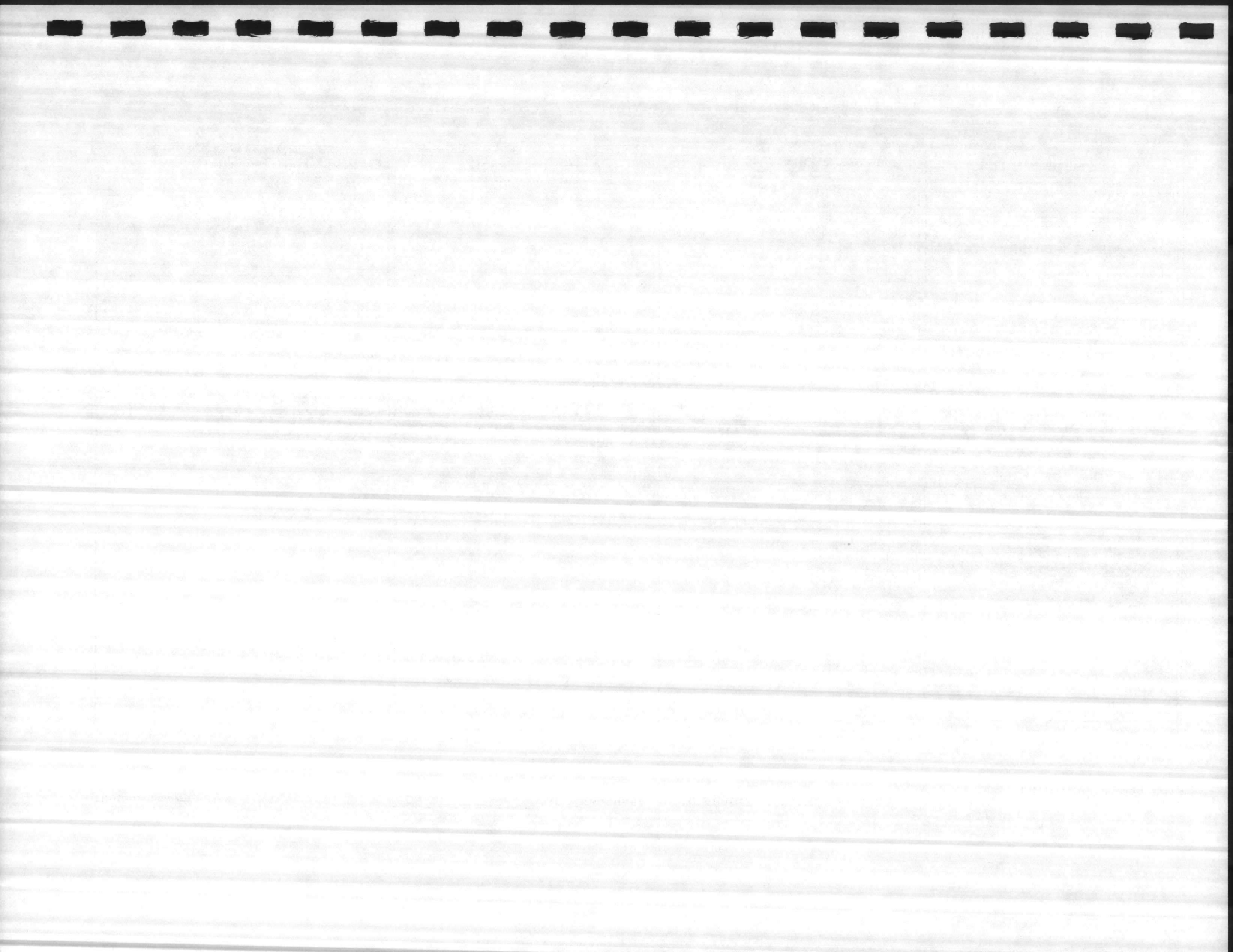
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal..... X			
Tropic.....			
Temperate.....		NOT APPLICABLE	NOT APPLICABLE
Arctic.....			
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling..... 85			
Percentage Swamp..... 15			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand..... 85			
Percentage Clay.....			
Percentage Swamp/Marsh..... 15			
Percentage Loamy.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Other.....			





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

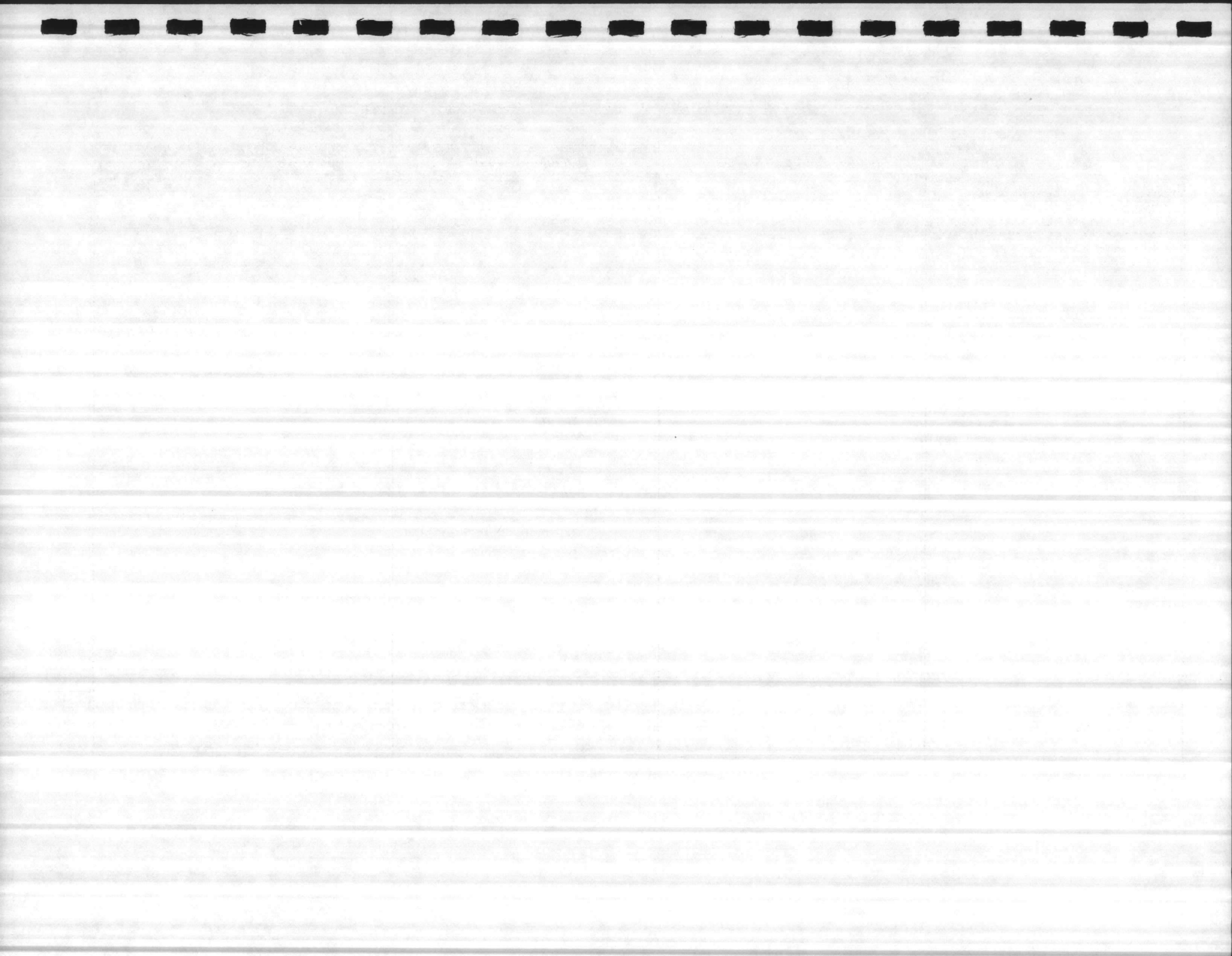
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
<b>Vegetation</b>			
Percentage None.....			
Percentage Sparse.....	15		
Percentage Moderate.....	85		
Percentage Heavy.....			
<b>Access</b>			
No. of Land Access Routes...	4		
No. of Land Water Routes....			
No. of Air Ingress Routes...	1		
No. of Air Egress Routes....	1		
No. of Beach Access Areas...			
<b>Distance from Supply Points</b>			
POL (km).....	12		
Ammunition (km).....	9		
Rations (km).....	12		
<b>List Capacity of an 8-Hour Training Day. Specify:</b>			
Unit of Measure, e.g.,			
No. of Individuals.....			
No. of Batteries.....	Undefined		
No. of Crew-Served Wpns...			
No. of Aircraft/Helos.....			
as Appropriate			
<b>Number of Days per Year the Range/Facility is Available</b>			
	355		
<b>Is Range/Facility Capable of Nighttime Use?</b>			
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.....	10	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Albatross, TLZ Falcon, TLZ Goose, TLZ Dodo, TLZ Hawk		
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)

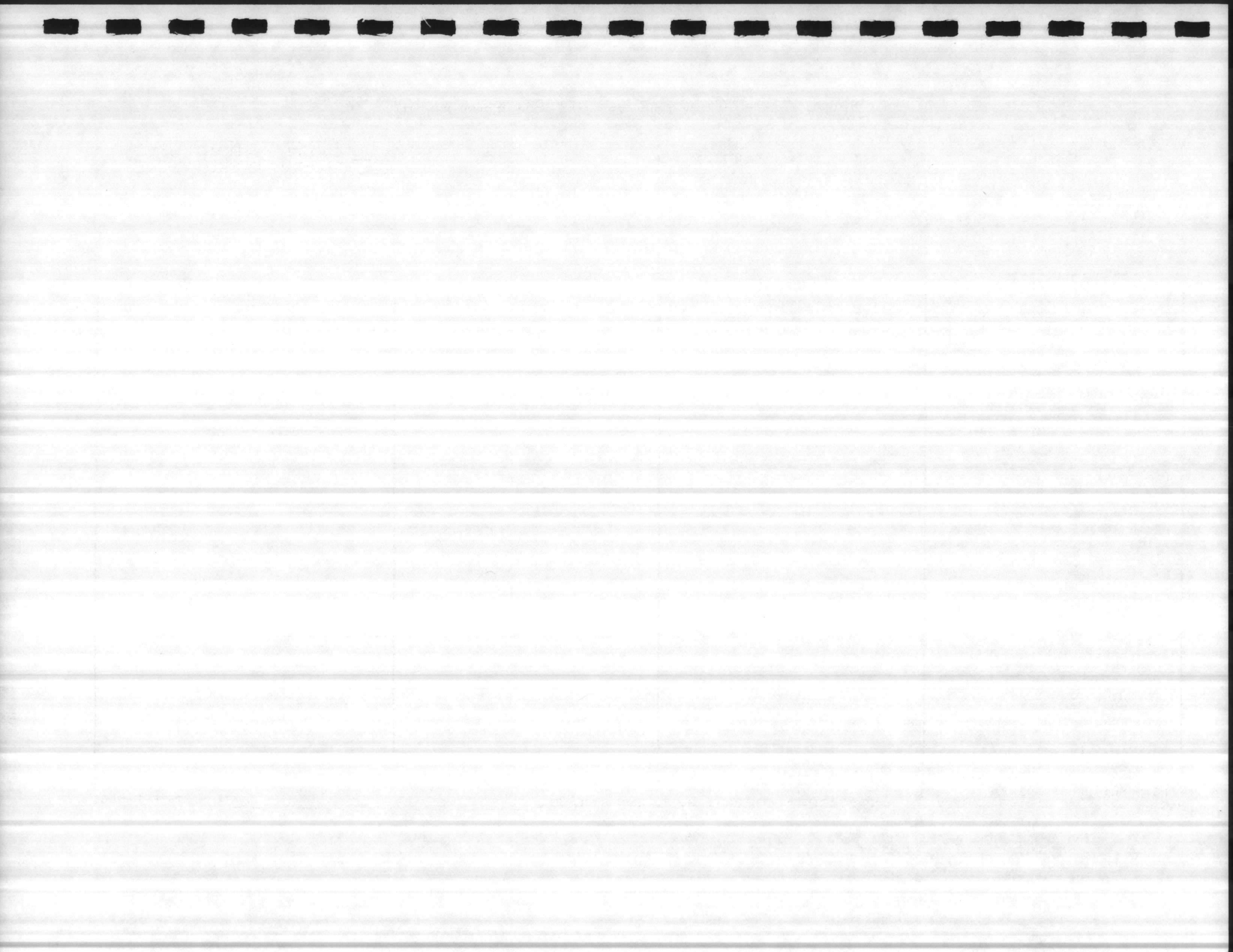
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010102

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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: GP-31, MCB, Camp Lejeune, NC

Gun 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)  Primary Direction of Fire  Associated Air Space  Coordinates	100 X 160 yds  350 MILS/19 degrees (G-10) 5480 MILS/308 degrees (K-2) 17,999 ft; 399 sq km  TP89222670		
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.....			

FILE NAME: LP010103

PAGE 1 OF 6 DATE: 03/05/87

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

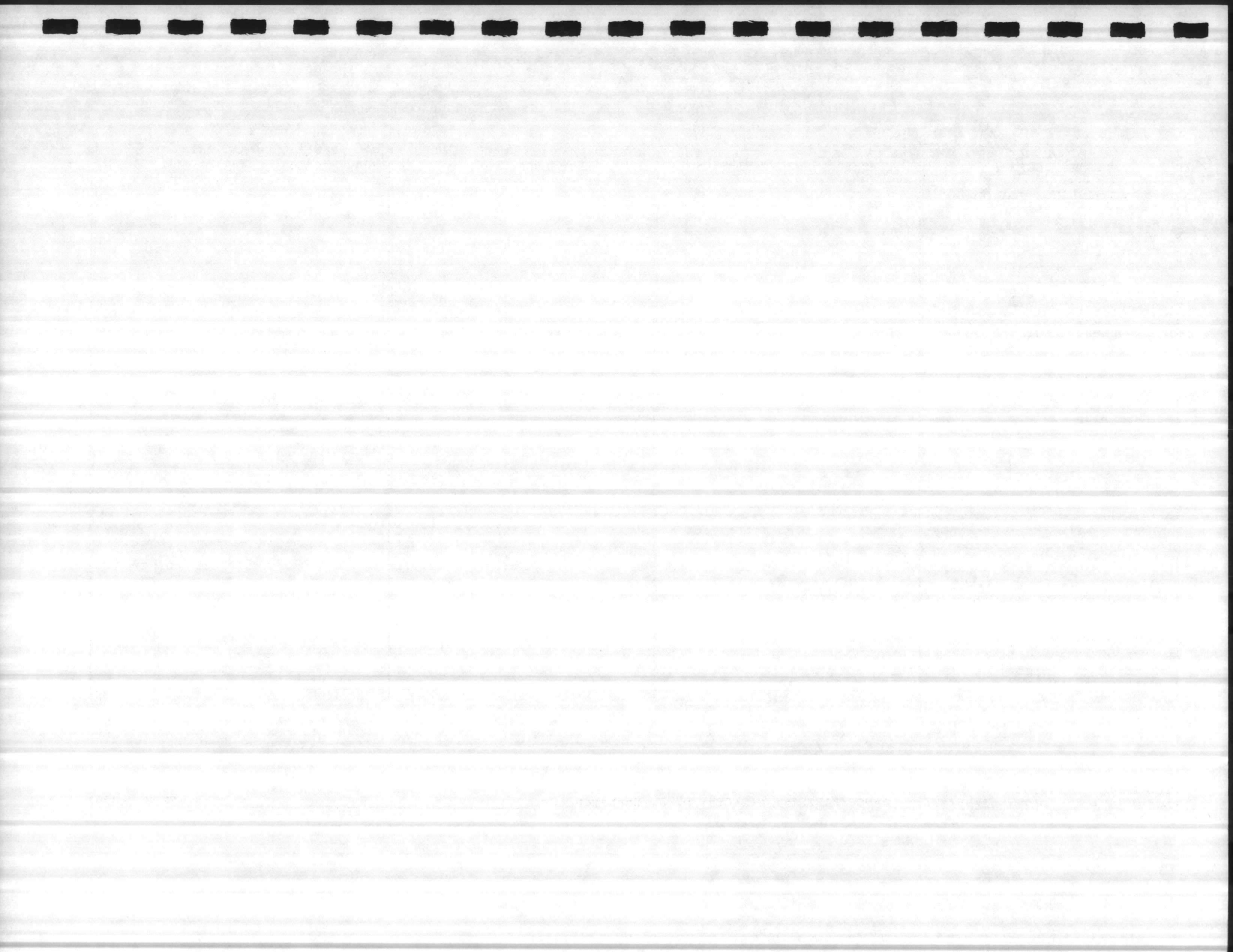
LFRTS-P-0001





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

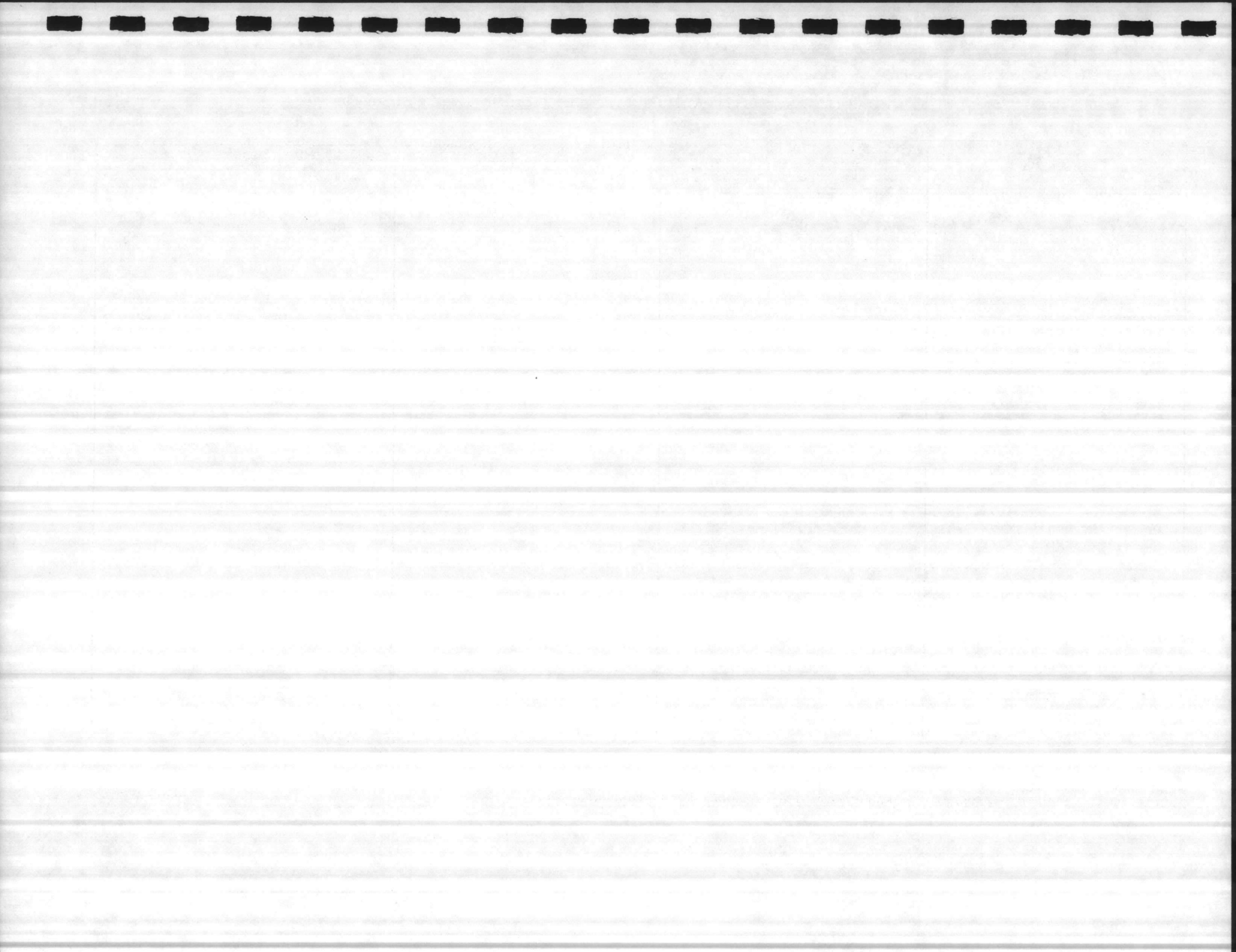
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

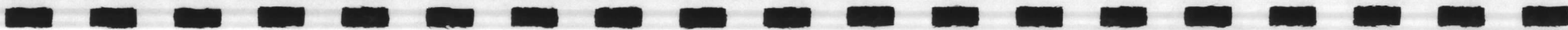
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	60		
Percentage Swamp.....	5		
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....			
Percentage Water.....	35		
Soil Type			
Percentage Rock.....			
Percentage Sand.....	60		
Percentage Clay.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Swamp/Marsh.....	5		
Percentage Loamy.....			
Percentage Other.....	35 Water		





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

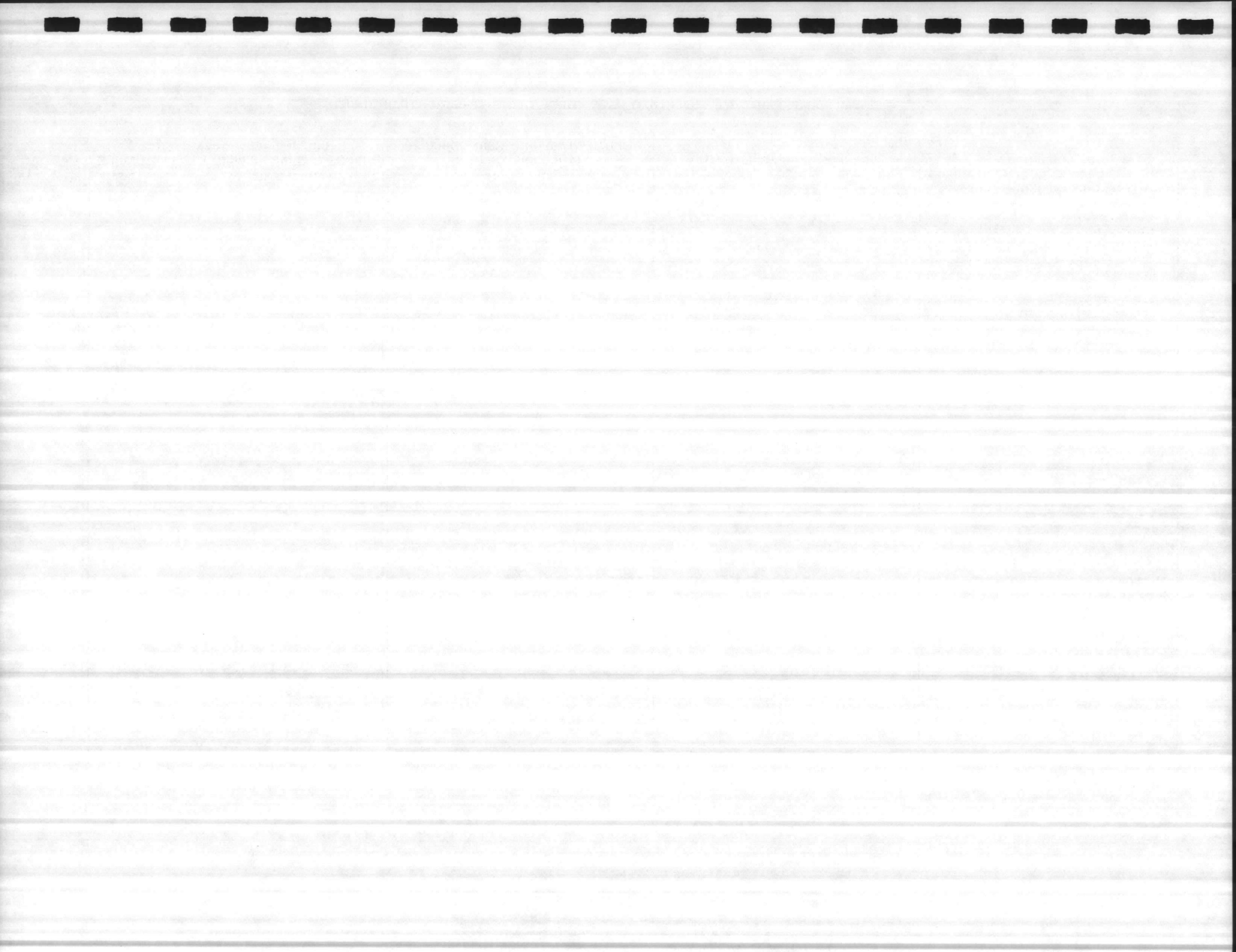
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	35	.....	
Percentage Sparse.....	5	.....	
Percentage Moderate.....	60	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	3	.....	
No. of Land Water Routes...	1	.....	
No. of Air Ingress Routes...		.....	
No. of Air Egress Routes...		.....	
No. of Beach Access Areas...		.....	
Distance from Supply Points			
POL (km).....	14	.....	
Ammunition (km).....	10	.....	
Rations (km).....	14	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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	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.....	10	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Albatross, TLZ Falcon, TLZ Goose, TLZ Dodo, TLZ Hawk		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
Are There Site-unique Requirements Placed on Using Units? Yes, No, Explain	NA		





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

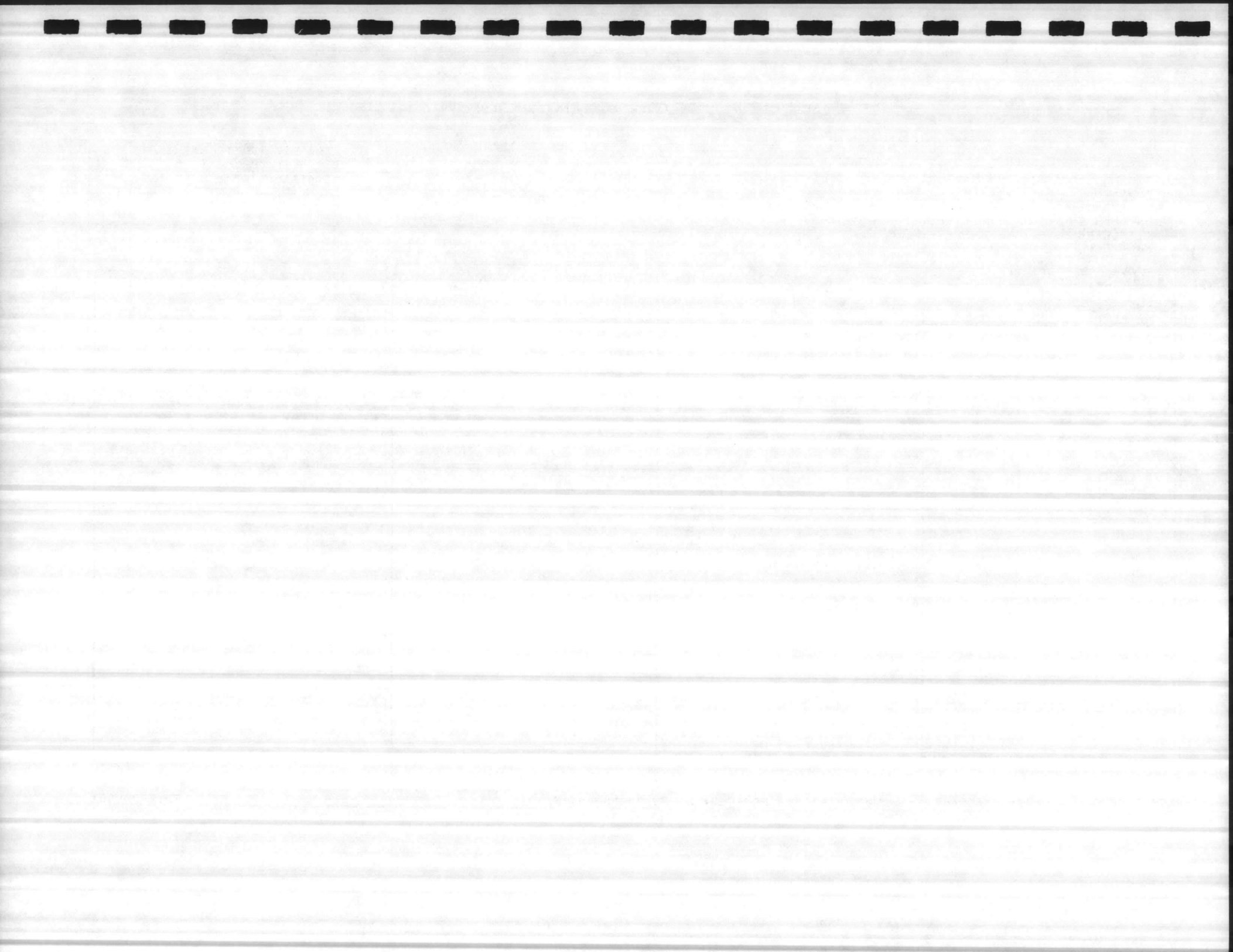
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010103

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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: GP-32, MCB, Camp Lejeune, NC

Gun 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)	70 X 75 yds		
Primary Direction of Fire	6200 MILS/350 degrees		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP92762990		
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.....			

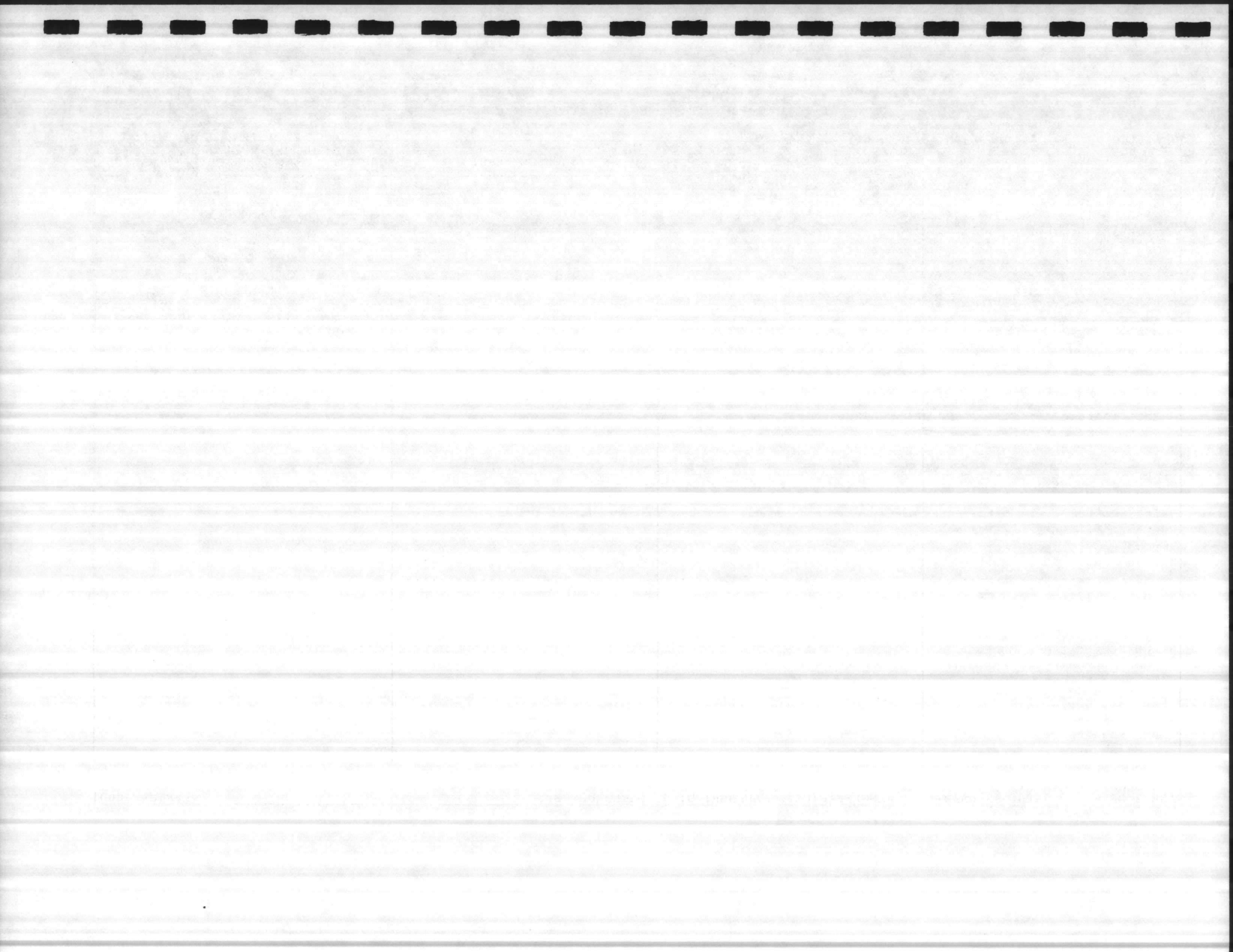
FILE NAME: LP010104

PAGE 1 OF 6 DATE: 03/05/87

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

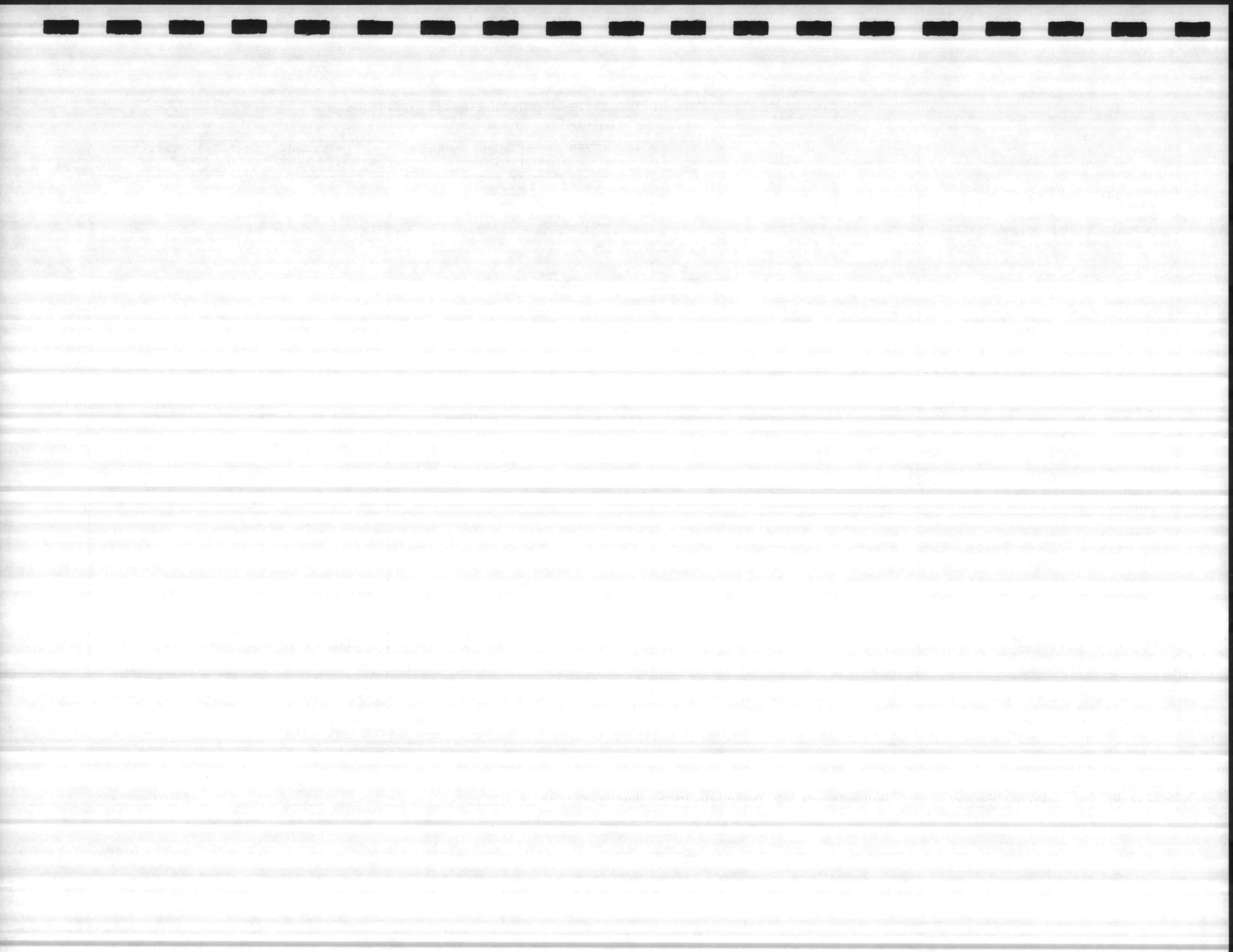
LFRTS-P-0001





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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 70 Percentage Swamp..... 30 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

FILE NAME: LP010104

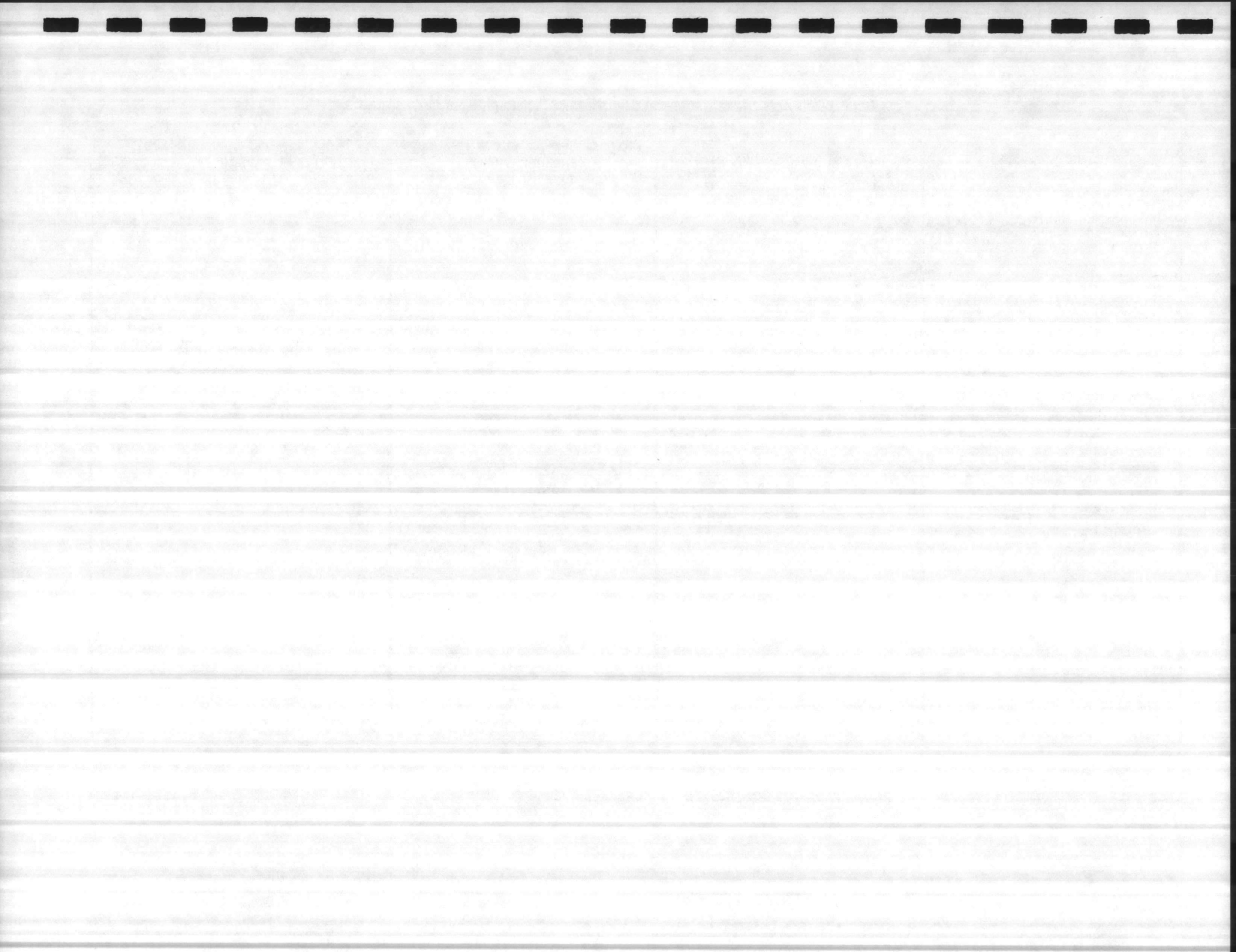
PAGE 3 OF 6

DATE: 03/05/87

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

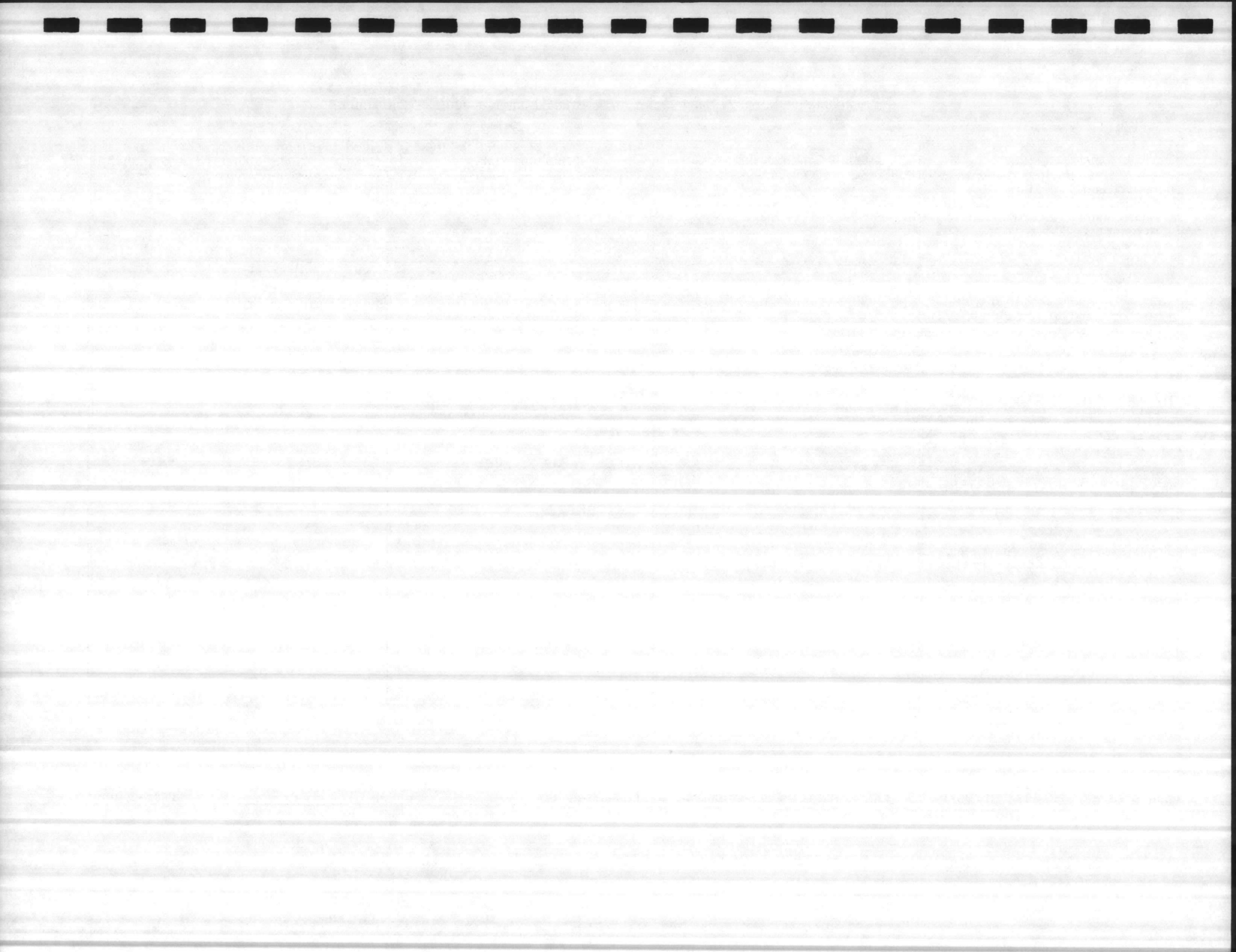
LFRTS-P-0001





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

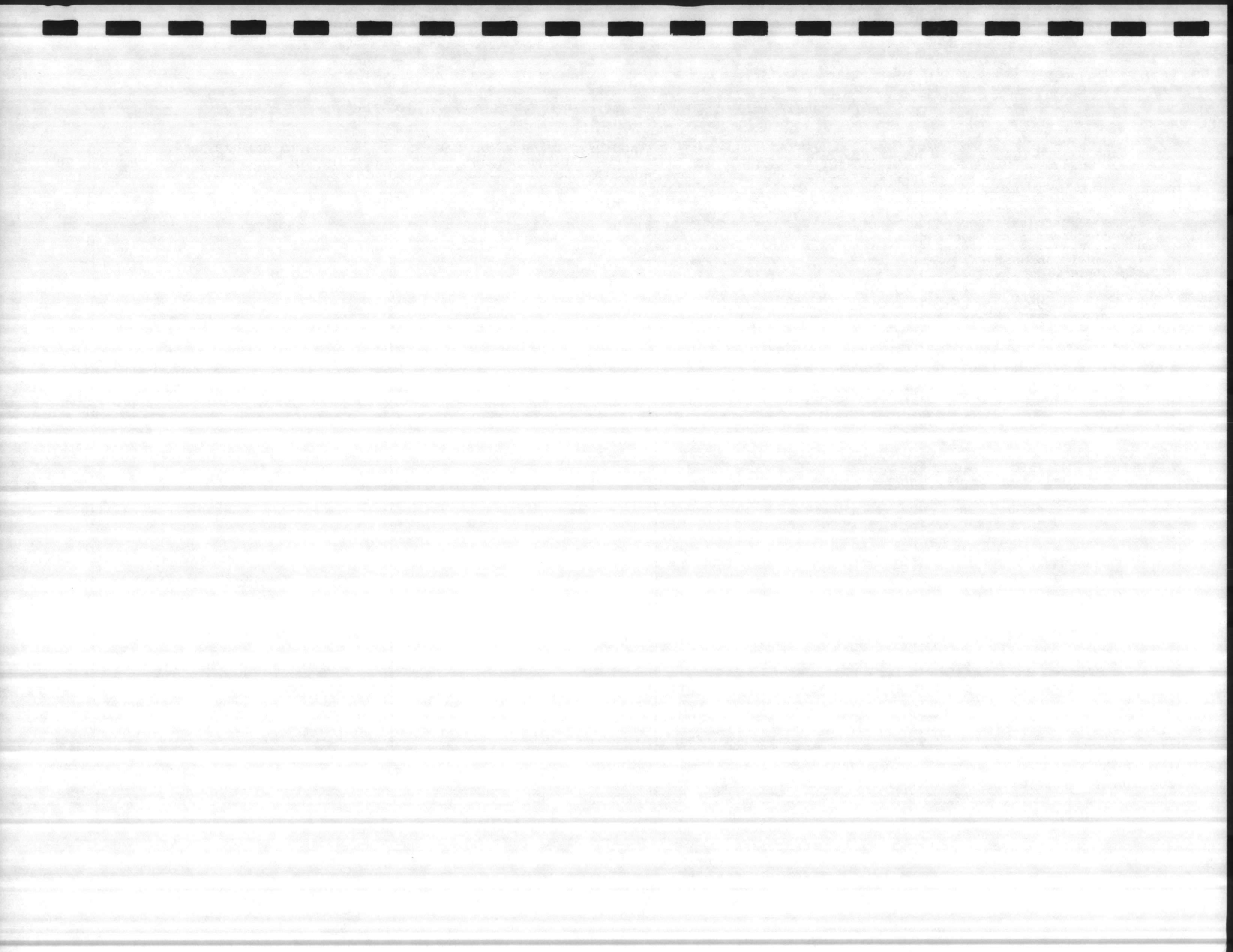
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	30	.....	
Percentage Moderate.....	70	.....	
Percentage Heavy.....	.....	.....	
Access			
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).....	11	.....	
Ammunition (km).....	8	.....	
Rations (km).....	11	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined	.....	
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			



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

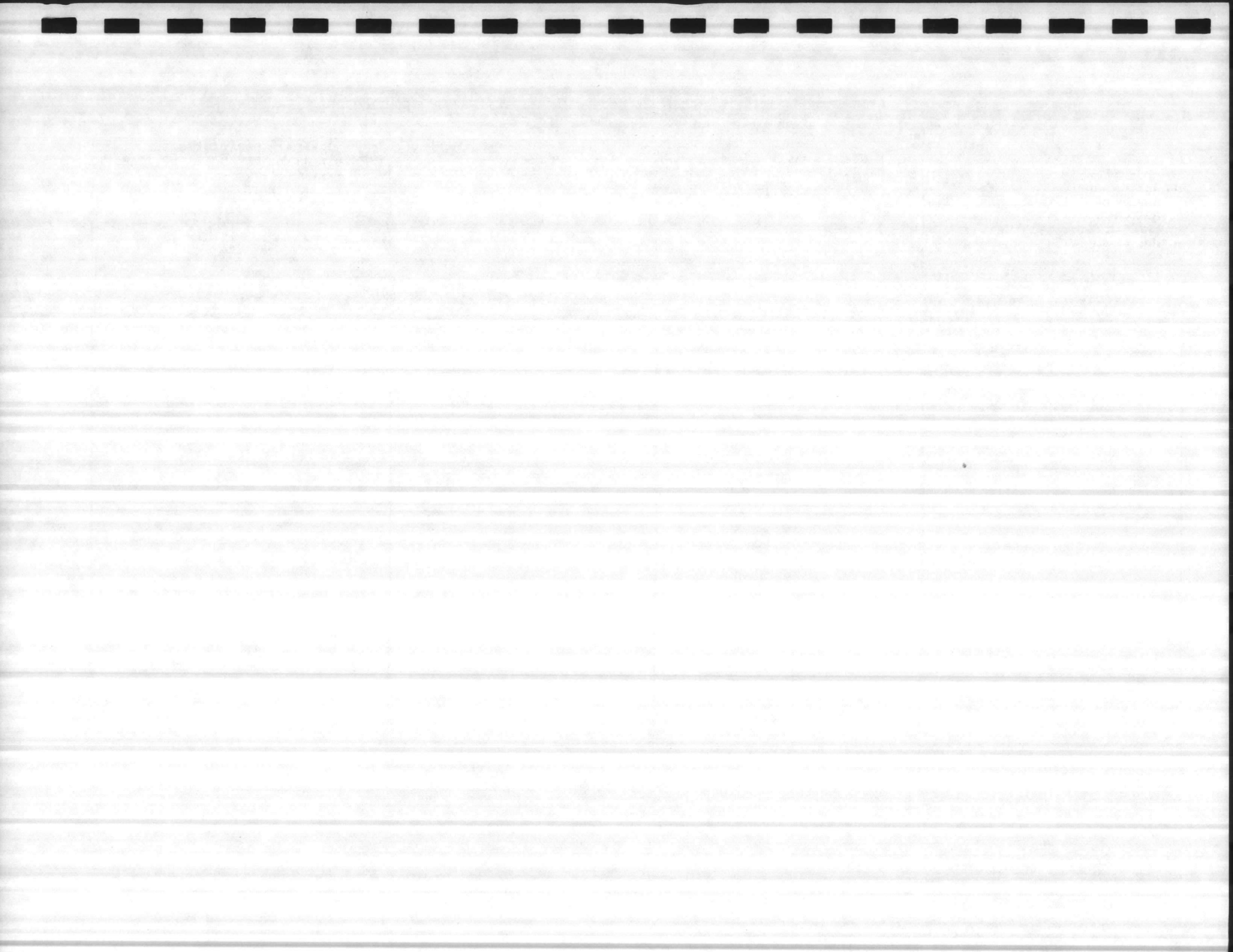
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year			
Total.....	10	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Goose		
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: GP-33, MCB, Camp Lejeune, NC

Gun 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)	60 X 120 yds		
Primary Direction of Fire	1100 MILS/62 degrees (G-10)		
Associated Air Space	6200 MILS/350 degrees (K-2) 17,999 ft; 399 sq km		
Coordinates	TP81403040		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010105

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DATE: 03/05/87

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

LFRTS-P-0001

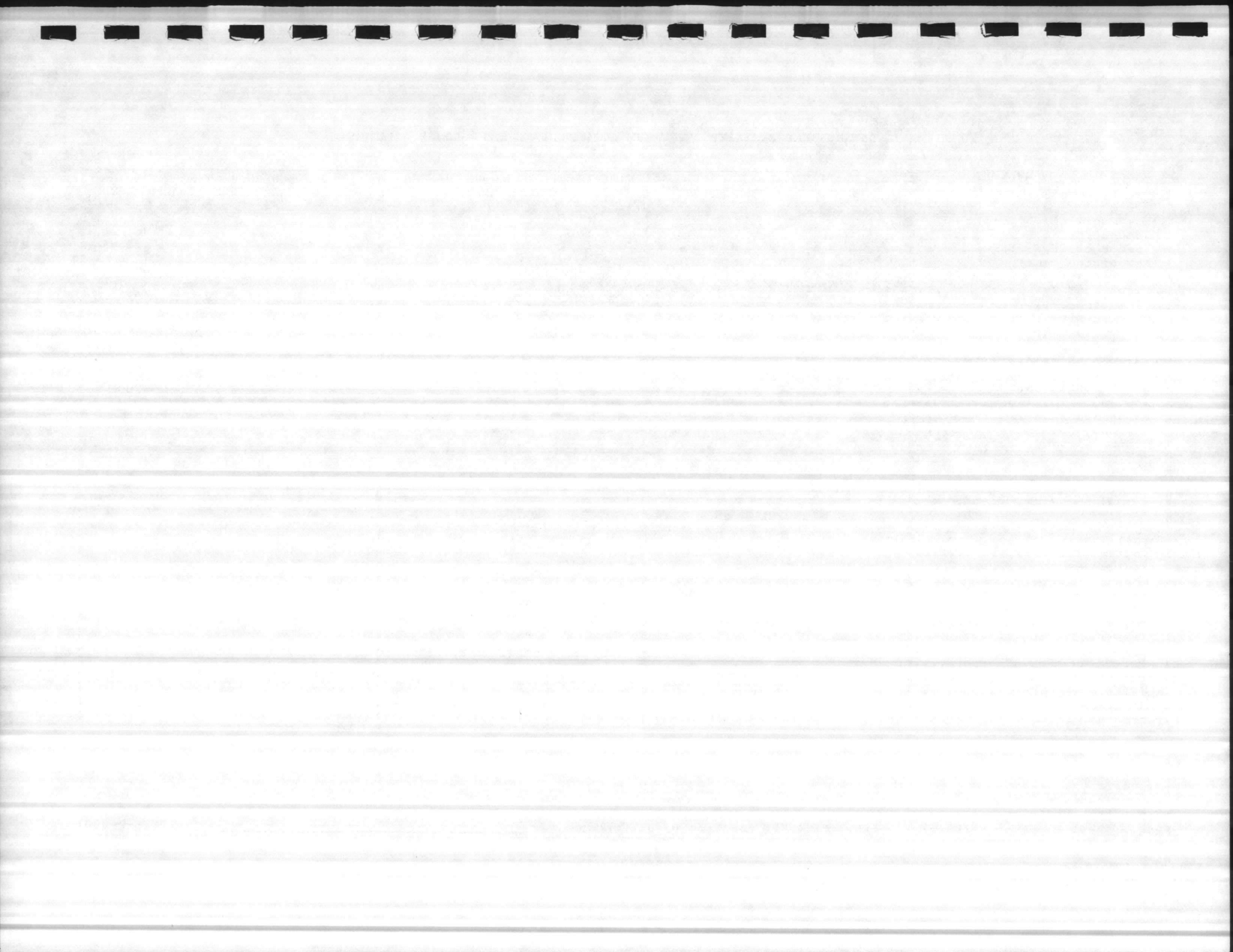


LATER NAME/FACILITY INVENTORY DATA FORM (PARTS 1-2001) (CONTINUED)

DESIRED CHARACTERISTICS (SPECIFY YEAR WHEN IT APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
			Range Facility (continued)
			Demolition Area
			Lead Facility
			Ammunition Tanker
			Water System
			Electrical System
			Classroom
			Storage Area
			Other
			Telecom
			Reconstruction
			Training
			Reconstruction
			Air Launch Facilities
			Other
			Target Types
			Log-UP
			Stationery
			Inventory
			Repairing
			Other
			Are There Associated Identification Devices?
			Yes No NA

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

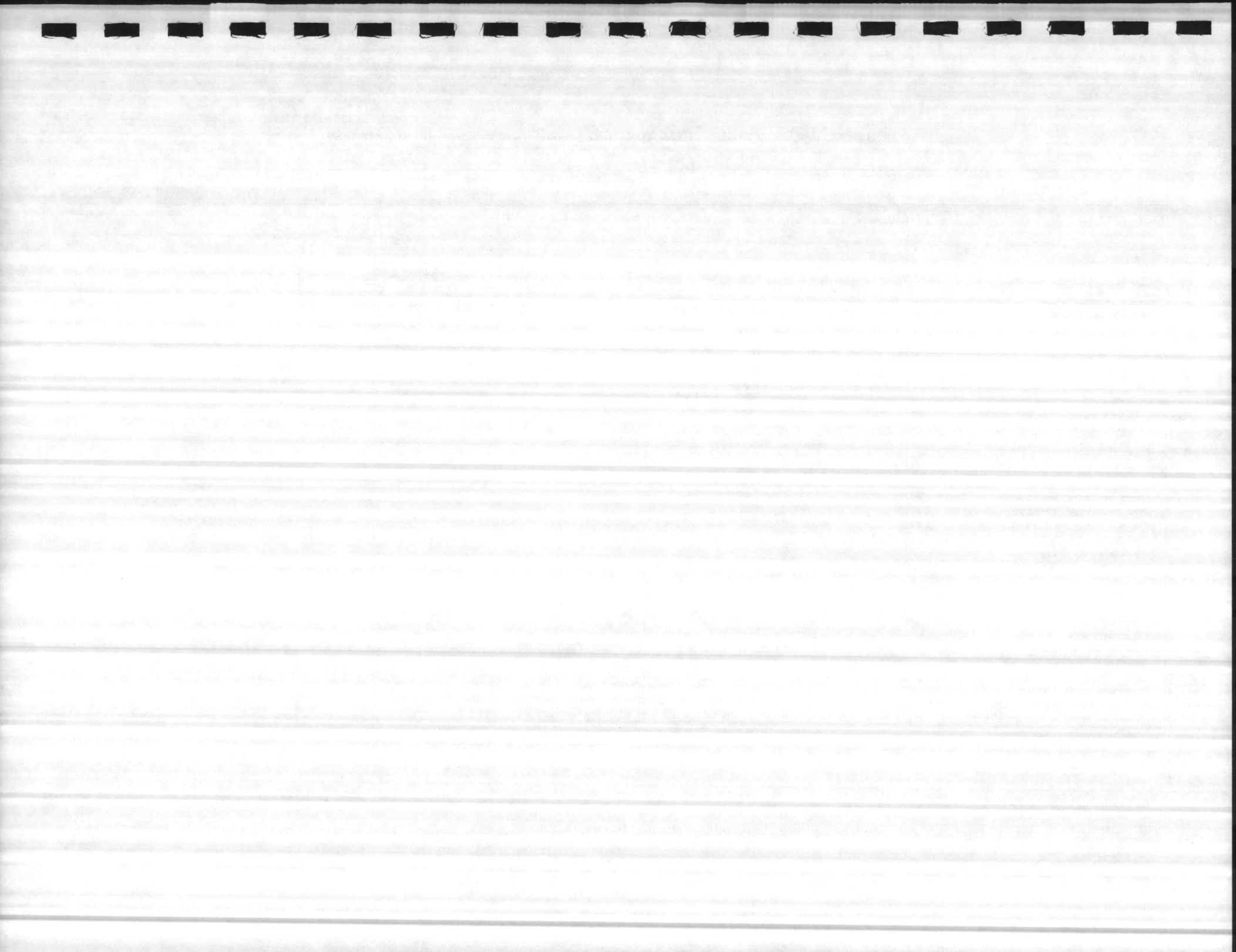
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

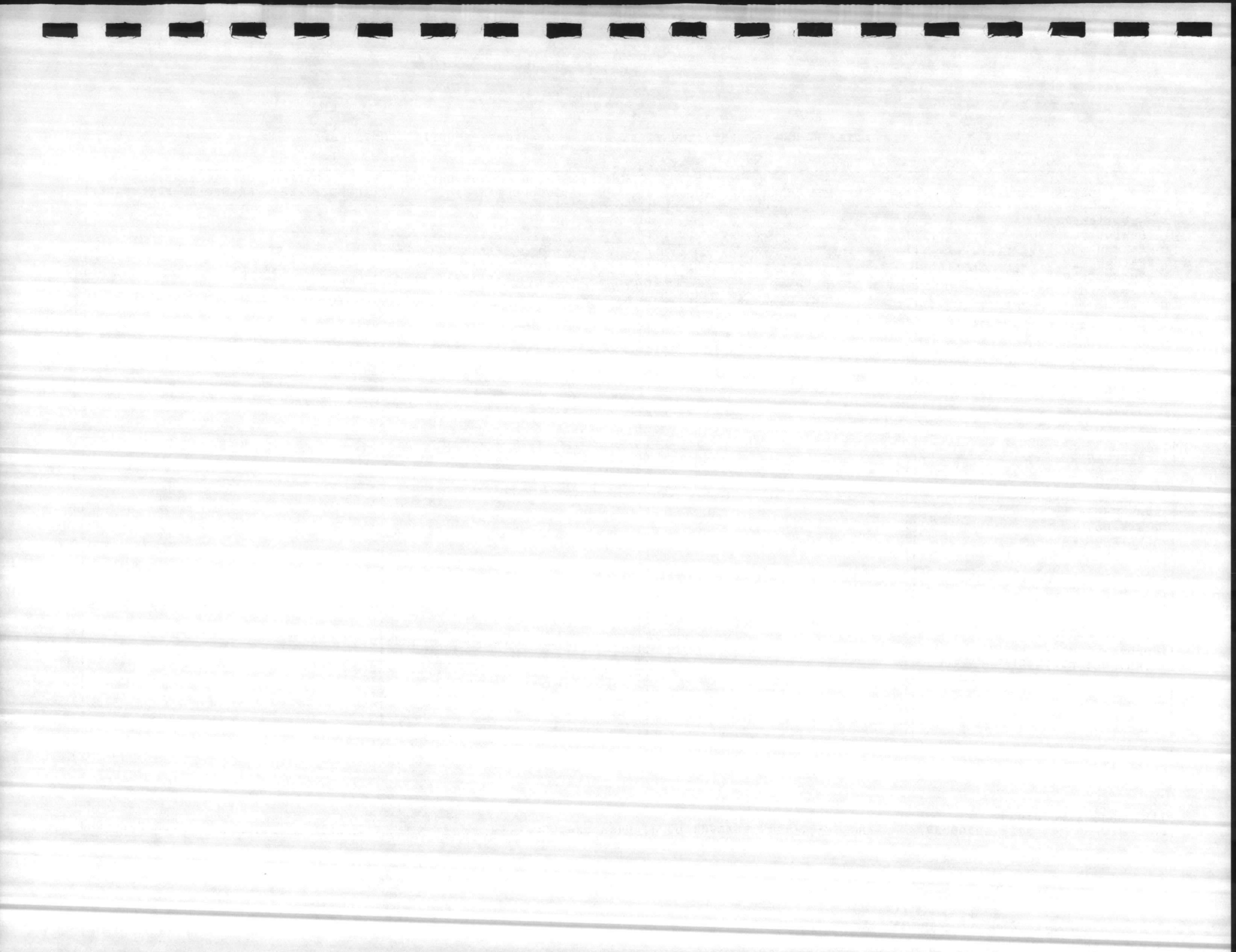
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 98 Percentage Swamp..... 2 Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand..... 98 Percentage Clay..... Percentage Swamp/Marsh..... 2 Percentage Loamy..... Percentage Other.....		NOT APPLICABLE	NOT APPLICABLE





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

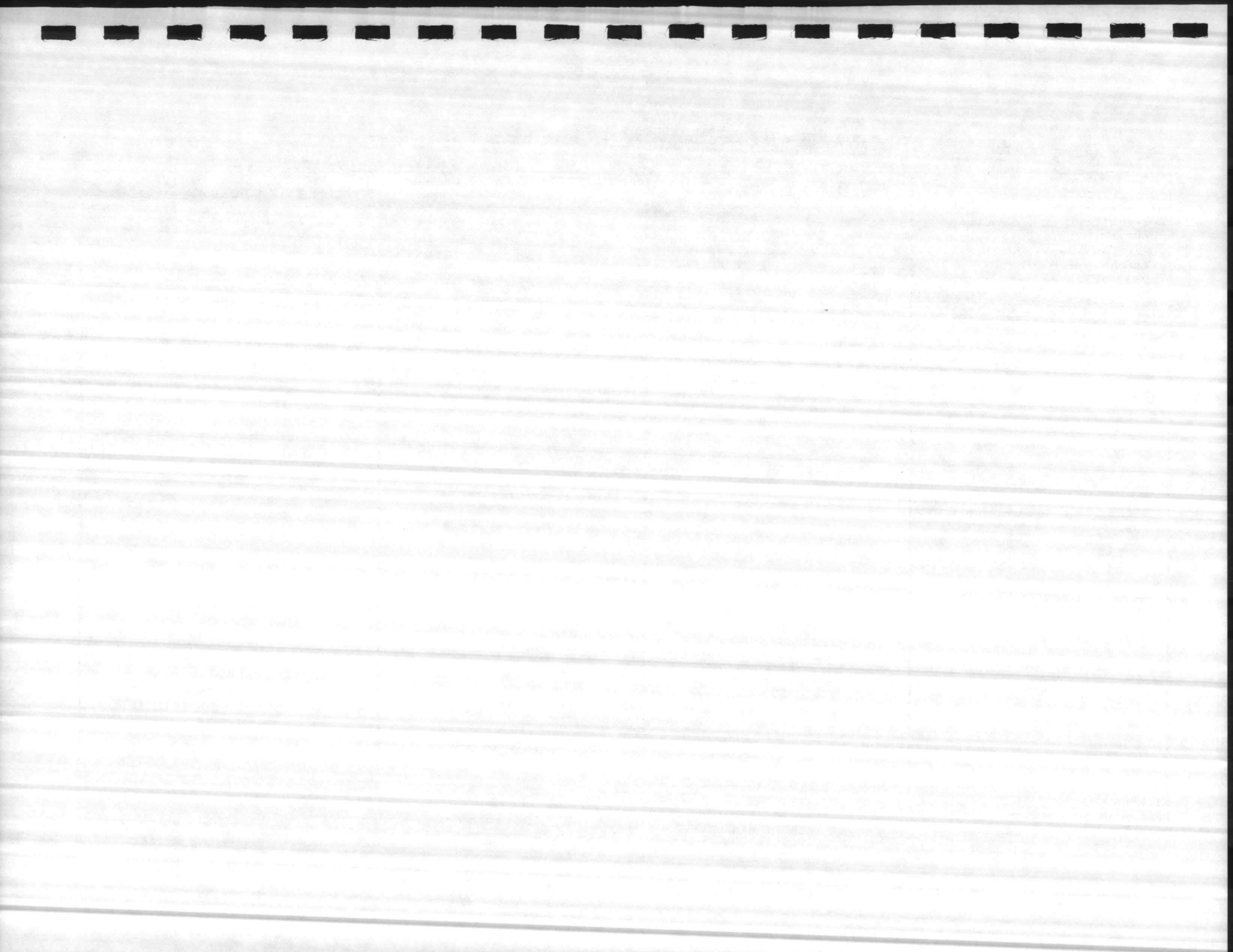
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	4	.....	
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).....	11	.....	
Rations (km).....	3	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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			



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	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Hawk, TLZ Jaybird, TLZ Dove, TLZ Dodo		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
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		

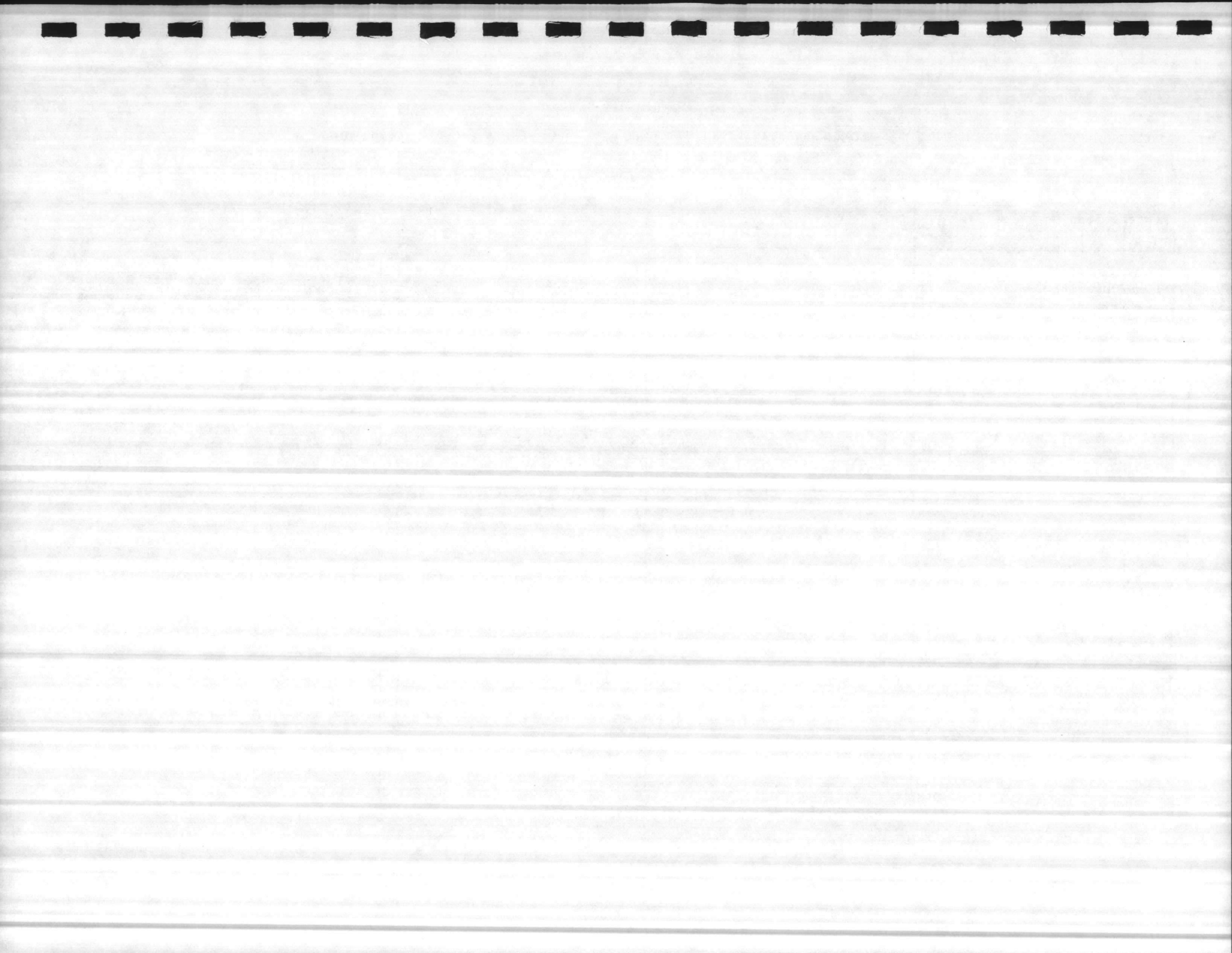
FILE NAME: LP010105

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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: GP-34, MCB, Camp Lejeune, NC

Gun 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)	80 X 90 yds		
Primary Direction of Fire	1240 MILS/70 degrees (G-10)		
Associated Air Space	6200 MILS/350 degrees (K-2) 17,999 ft; 399 sq km		
Coordinates	TP80703110		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010106

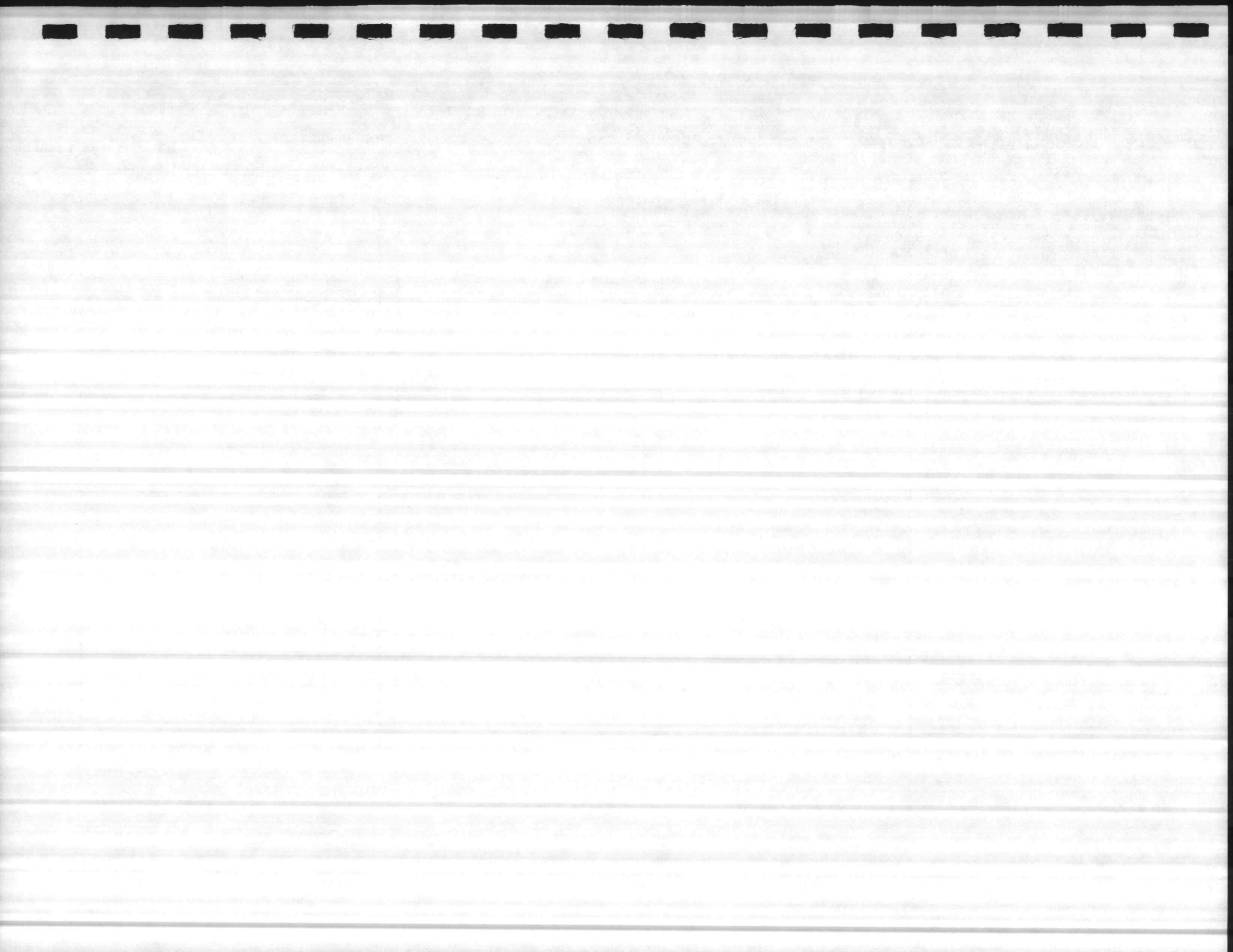
PAGE 1 OF 6

DATE: 03/05/87

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

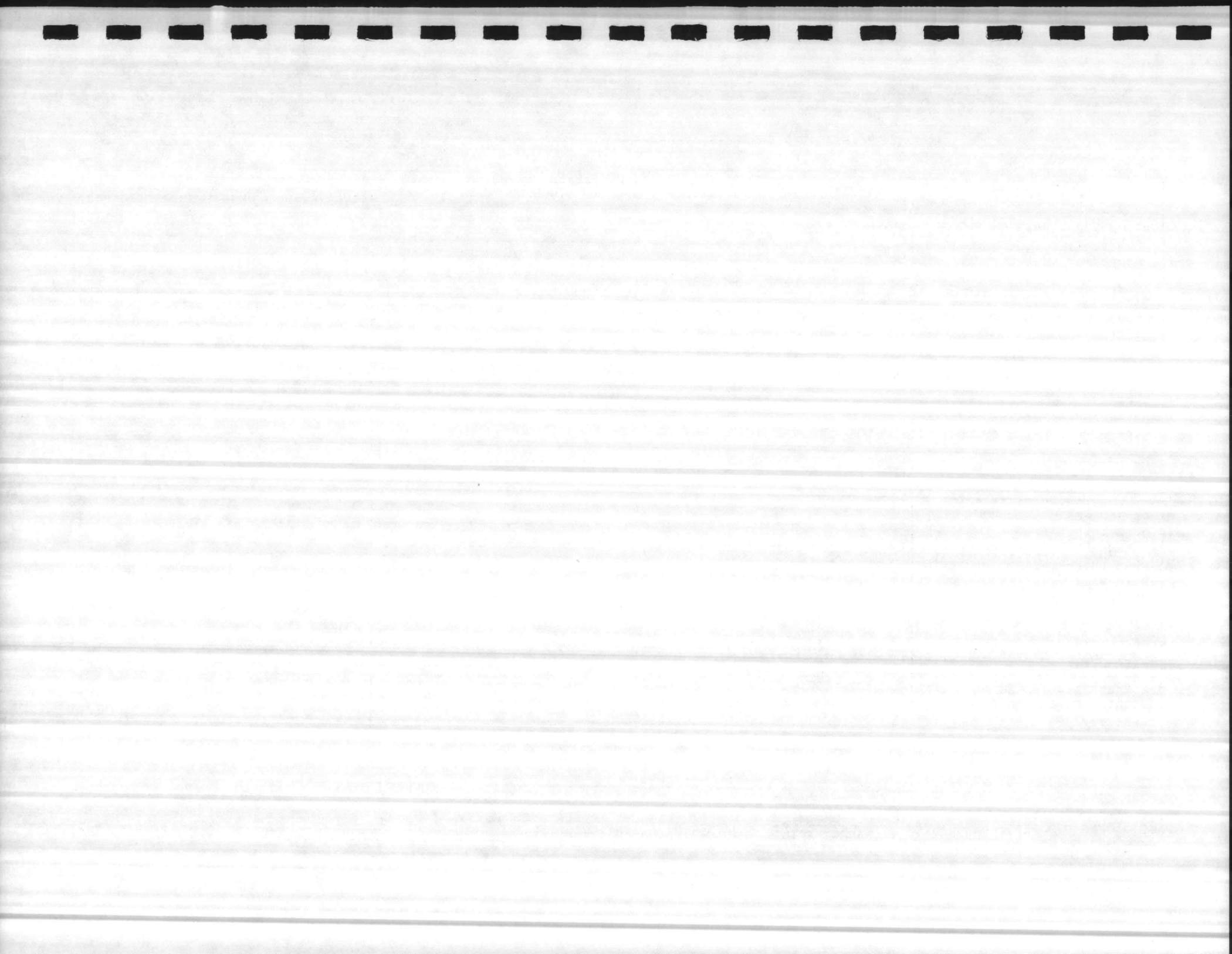
LFRTS-P-0001





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

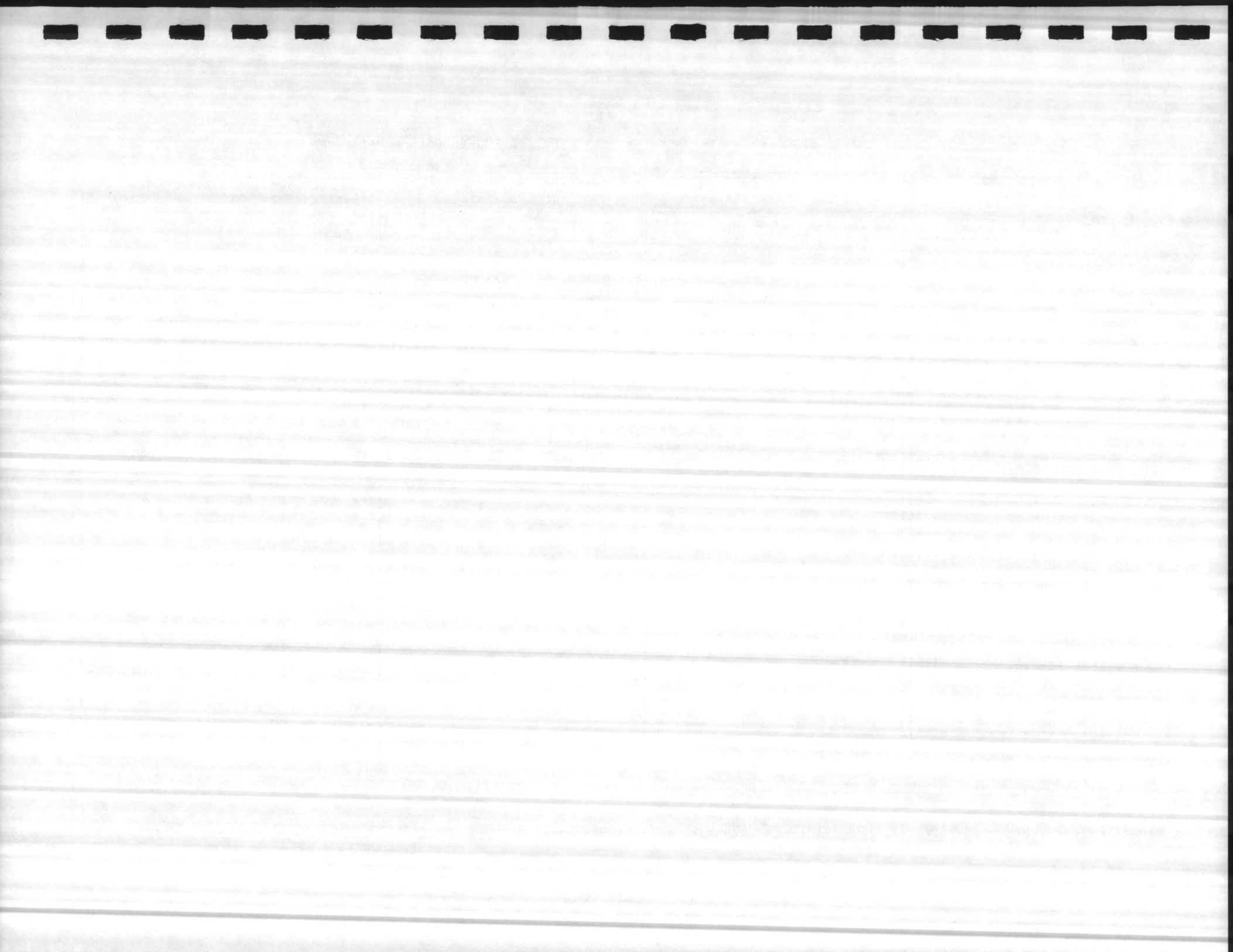
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

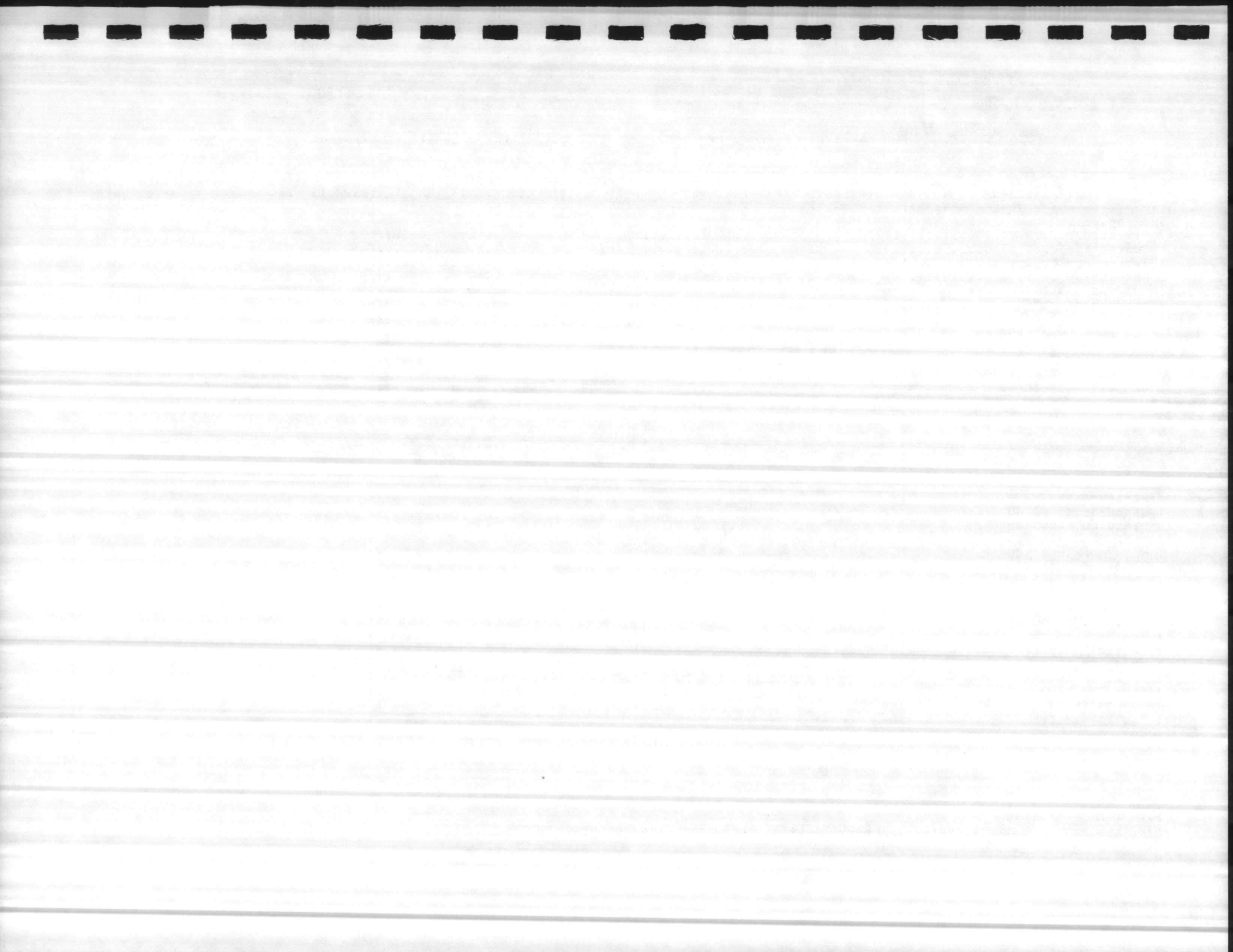
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal.....X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling.....10 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... Percentage Water.....90		NOT APPLICABLE	NOT APPLICABLE
Soil Type Percentage Rock..... Percentage Sand.....10 Percentage Clay..... Percentage Swamp/Marsh..... Percentage Loamy..... Percentage Other.....90 Water		NOT APPLICABLE	NOT APPLICABLE





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

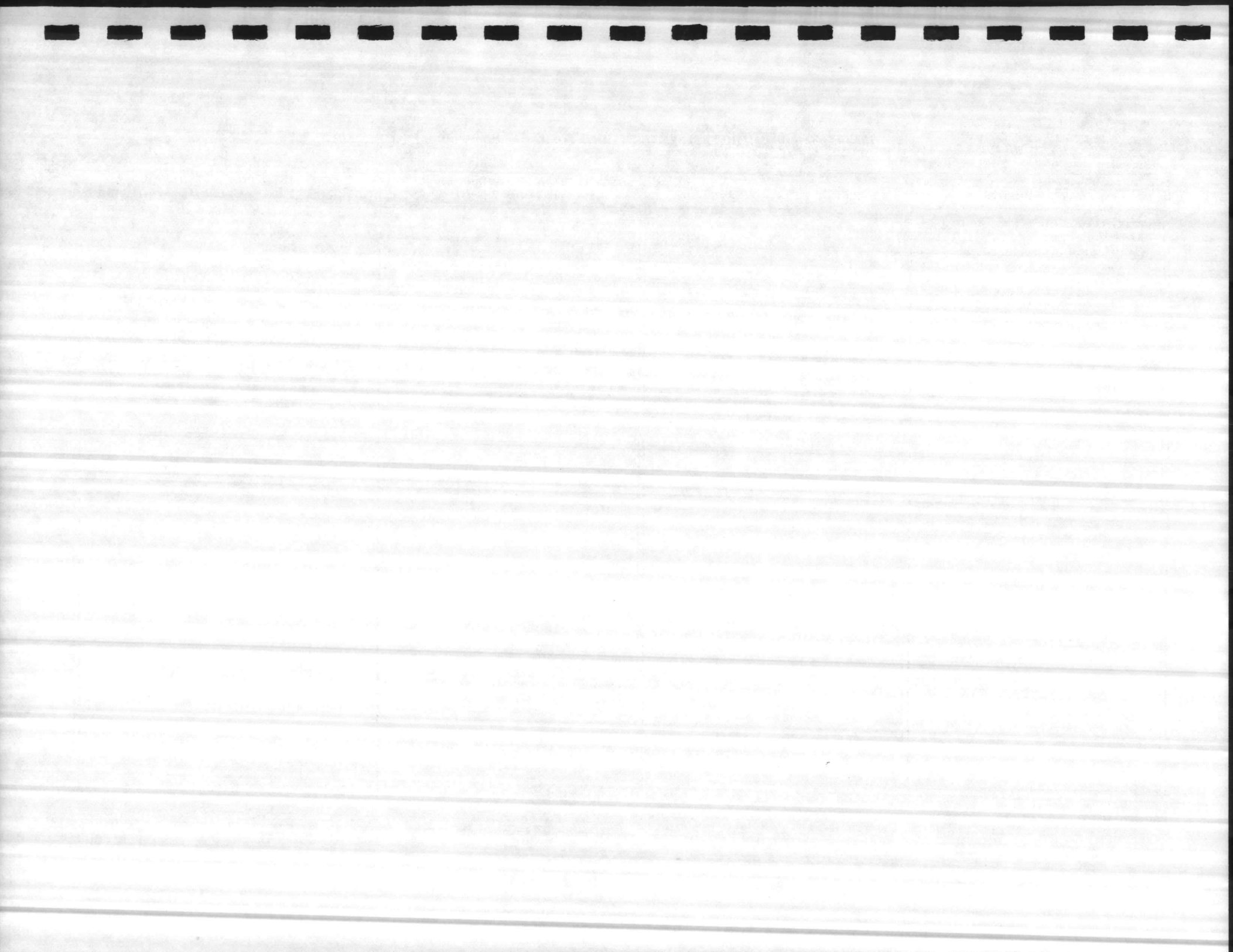
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	90		
Percentage Sparse.....			
Percentage Moderate.....	10		
Percentage Heavy.....			
Access			
No. of Land Access Routes...	2		
No. of Land Water Routes....	2		
No. of Air Ingress Routes...			
No. of Air Egress Routes....			
No. of Beach Access Areas...			
Distance from Supply Points			
POL (km).....	3		
Ammunition (km).....	11		
Rations (km).....	3		
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined		
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			



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	0	0
Maintenance.....	10		
Weather.....			
Budget.....			
Fire Condition/Weather.....			
Weekends/Holidays.....			
Other.....			
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Hawk, TLZ Jaybird, TLZ Dove		
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		

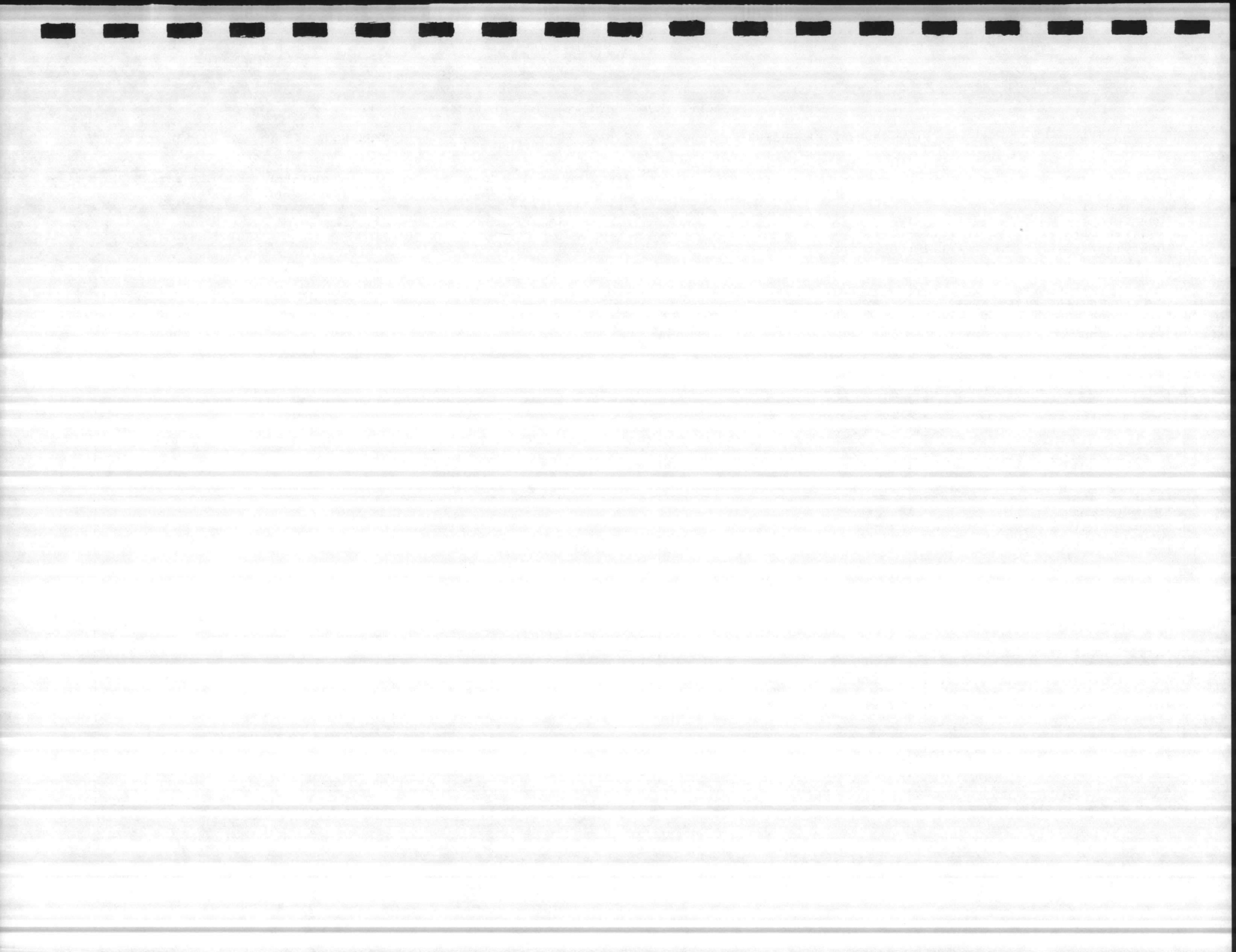
FILE NAME: LP010106

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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: GP-39, MCB, Camp Lejeune, NC

Gun 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)	50 X 71 yds		
Primary Direction of Fire	1000 MILS/55 degrees (G-10) 5400 MILS/304 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP85193078		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010107

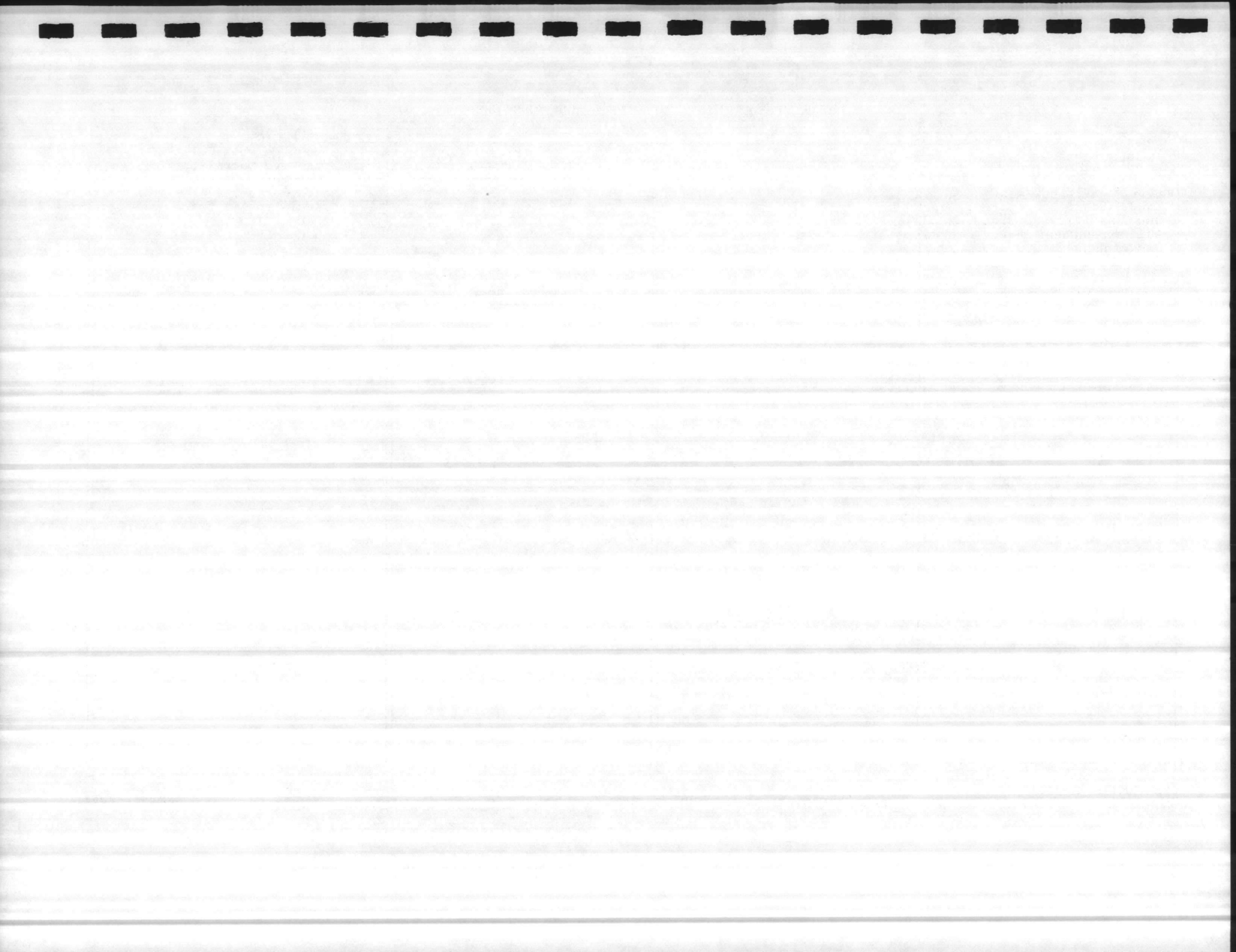
PAGE 1 OF 6

DATE: 03/05/87

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

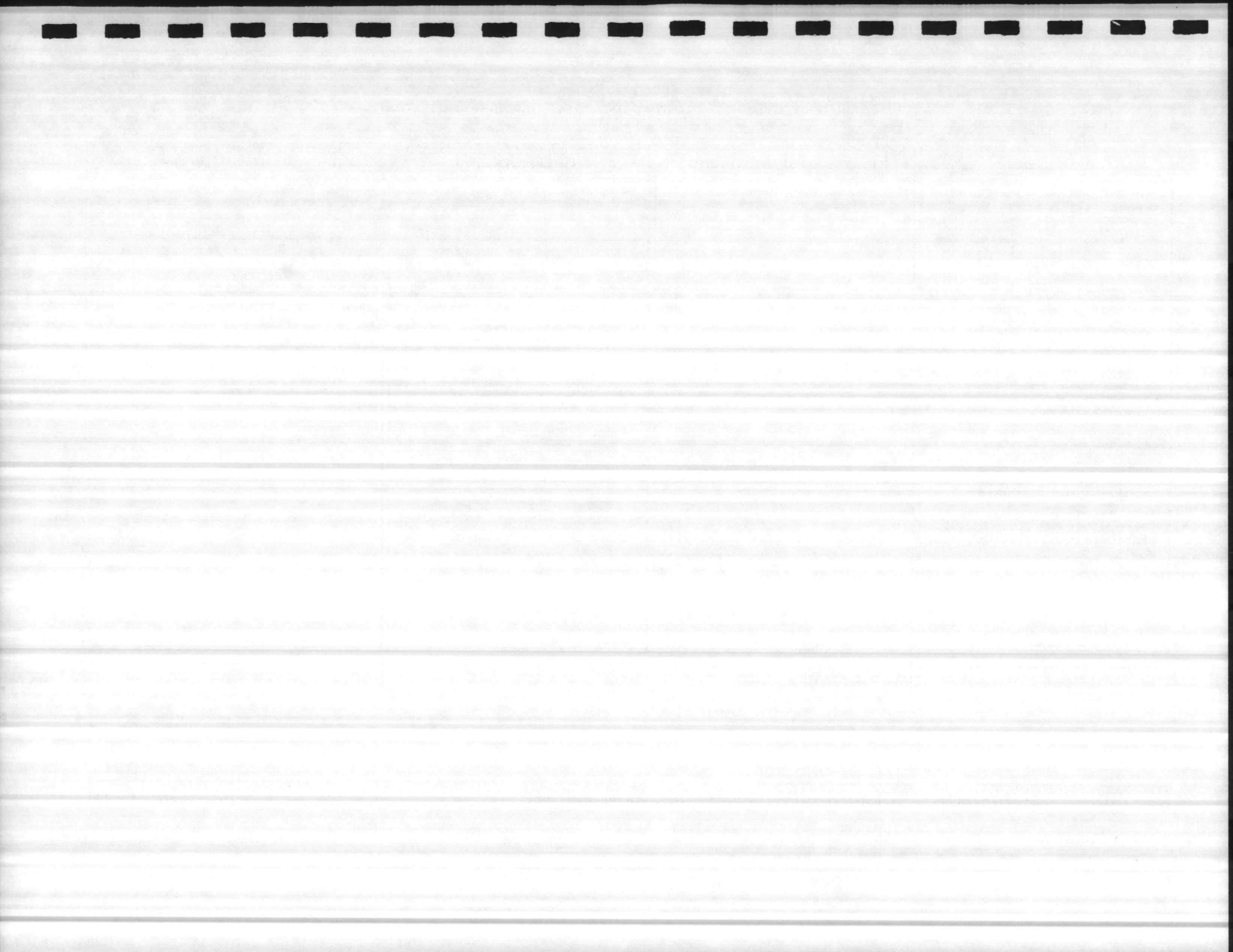
LFRTS-P-0001





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

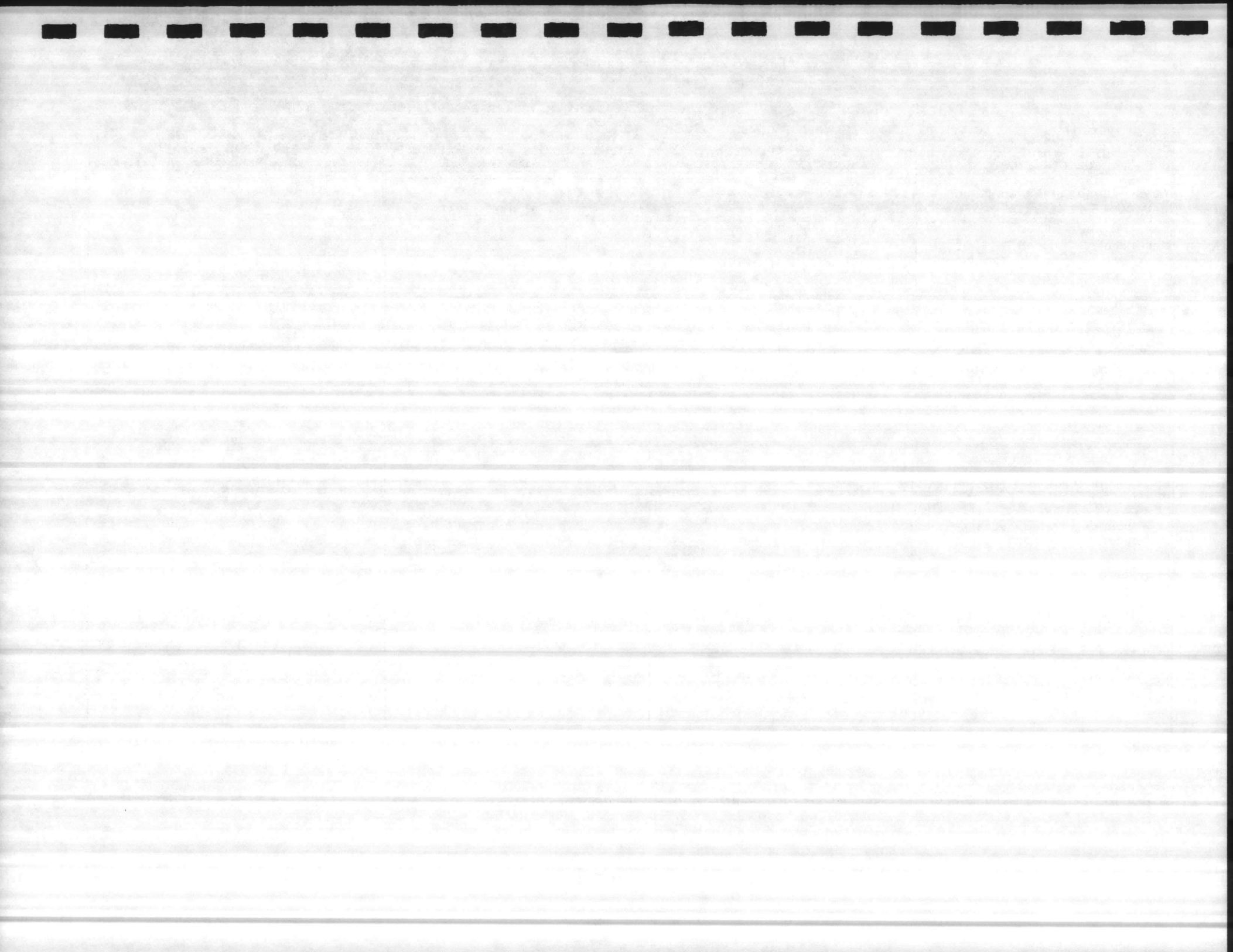
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

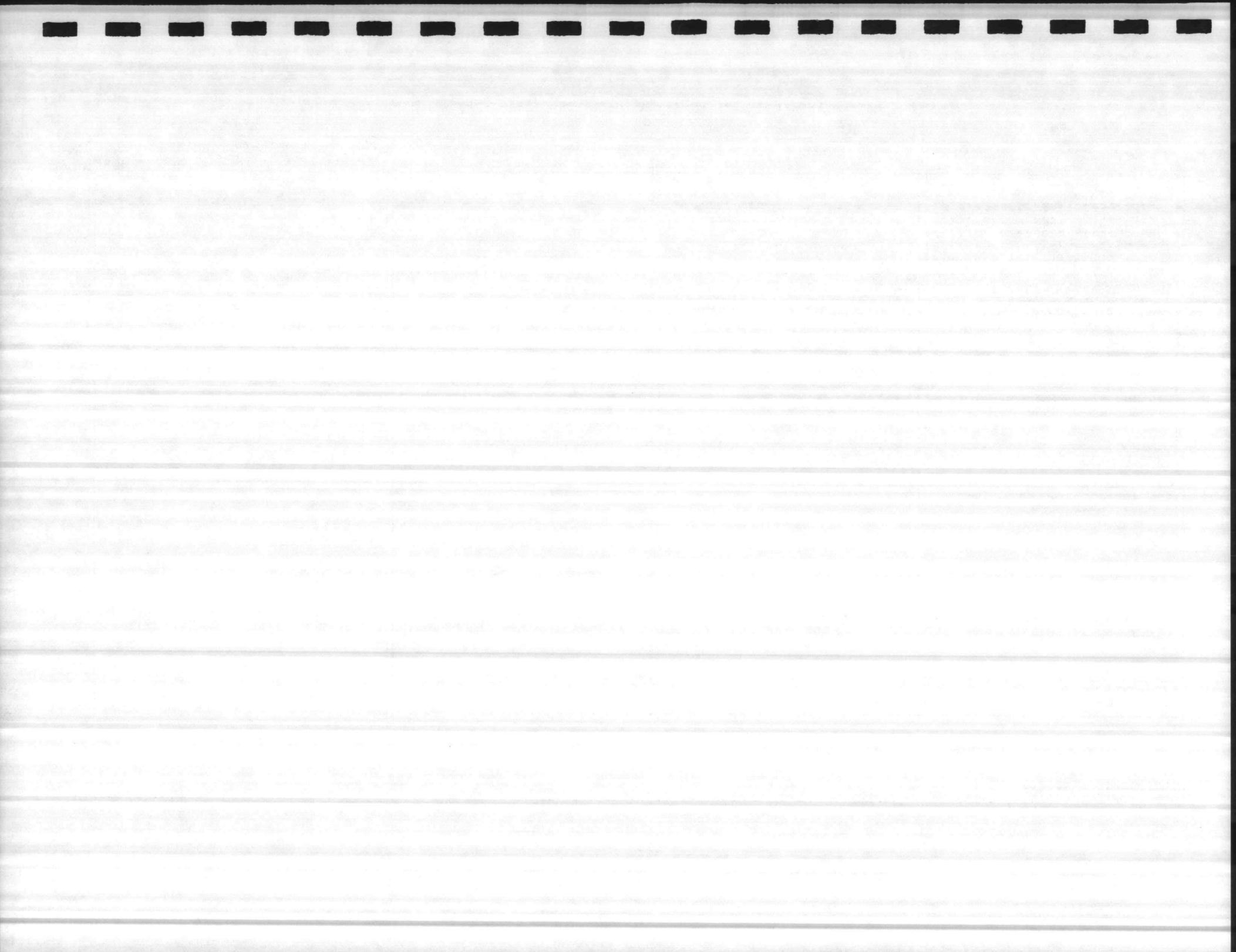
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 30 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 70 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)

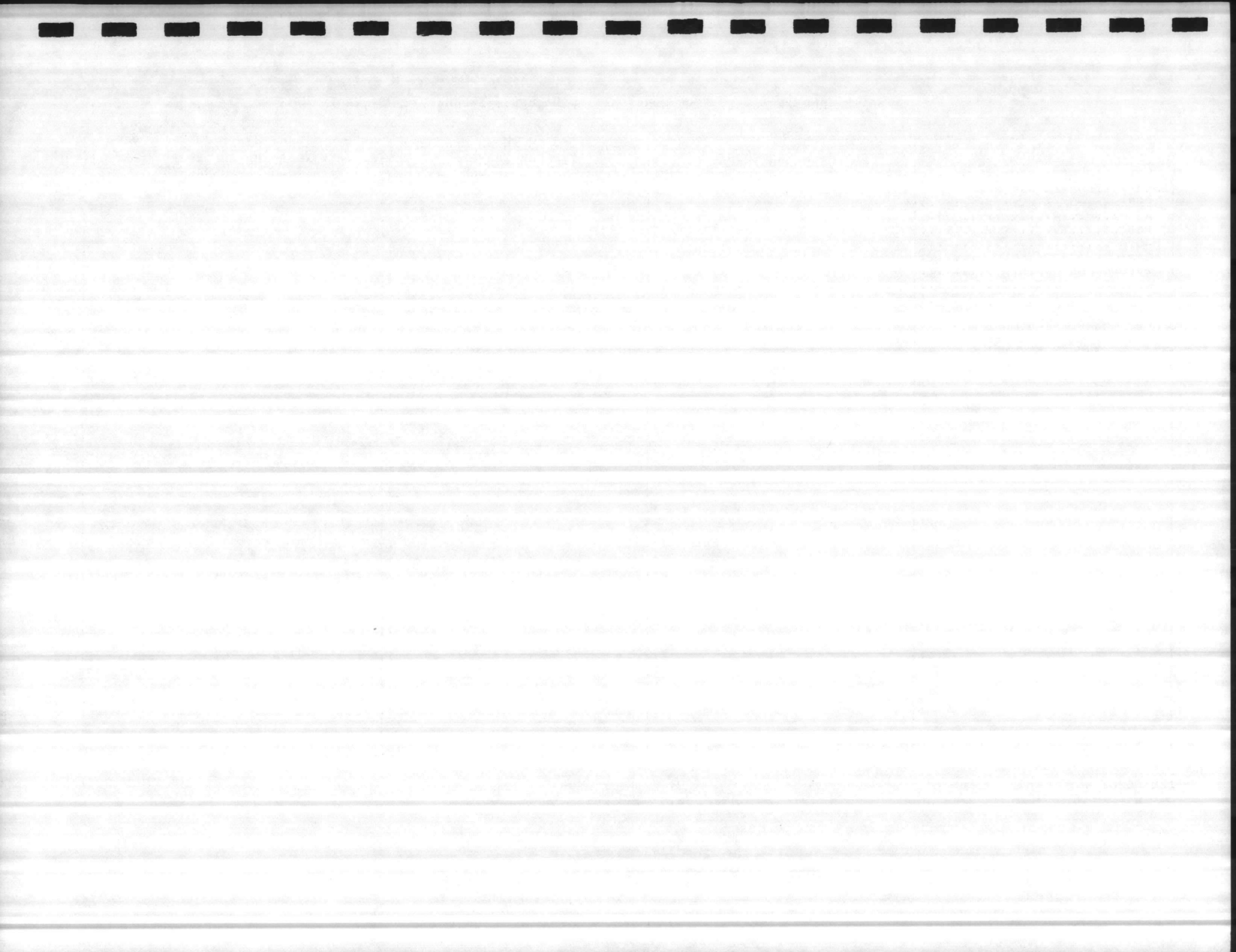
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	4 .....	.....	
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).....	7 .....	.....	
Rations (km).....	5 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined .....	.....	
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			



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	TLZ Hawk, TLZ Jaybird, TLZ Dove, TLZ Dodo		
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)

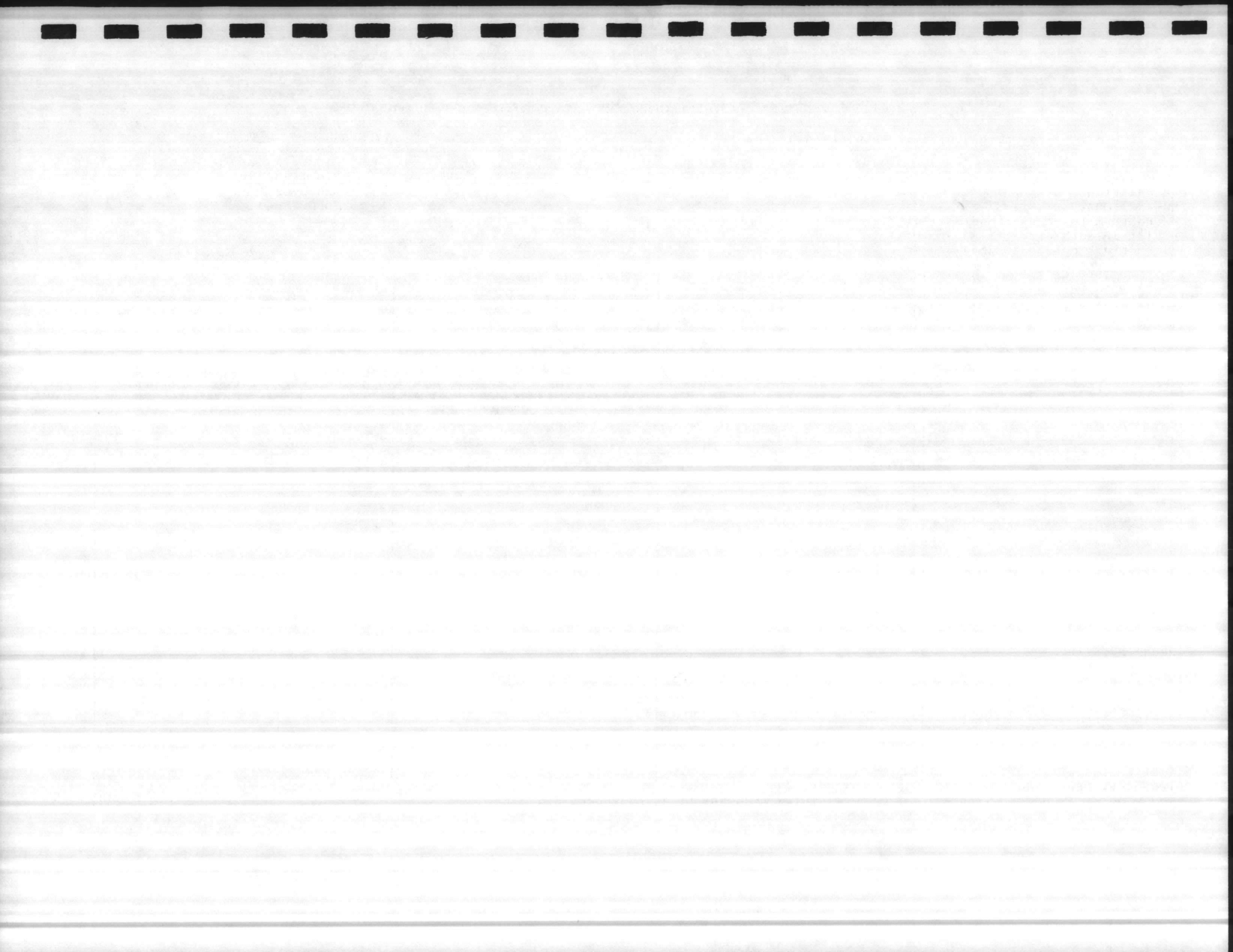
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010107

PAGE 6 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)

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: GP-40, MCB, Camp Lejeune, NC

Gun 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)	40 X 60 yds		
Primary Direction of Fire	1320 MILS/74 degrees (G-10) 4800 MILS/270 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP86453381		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010108

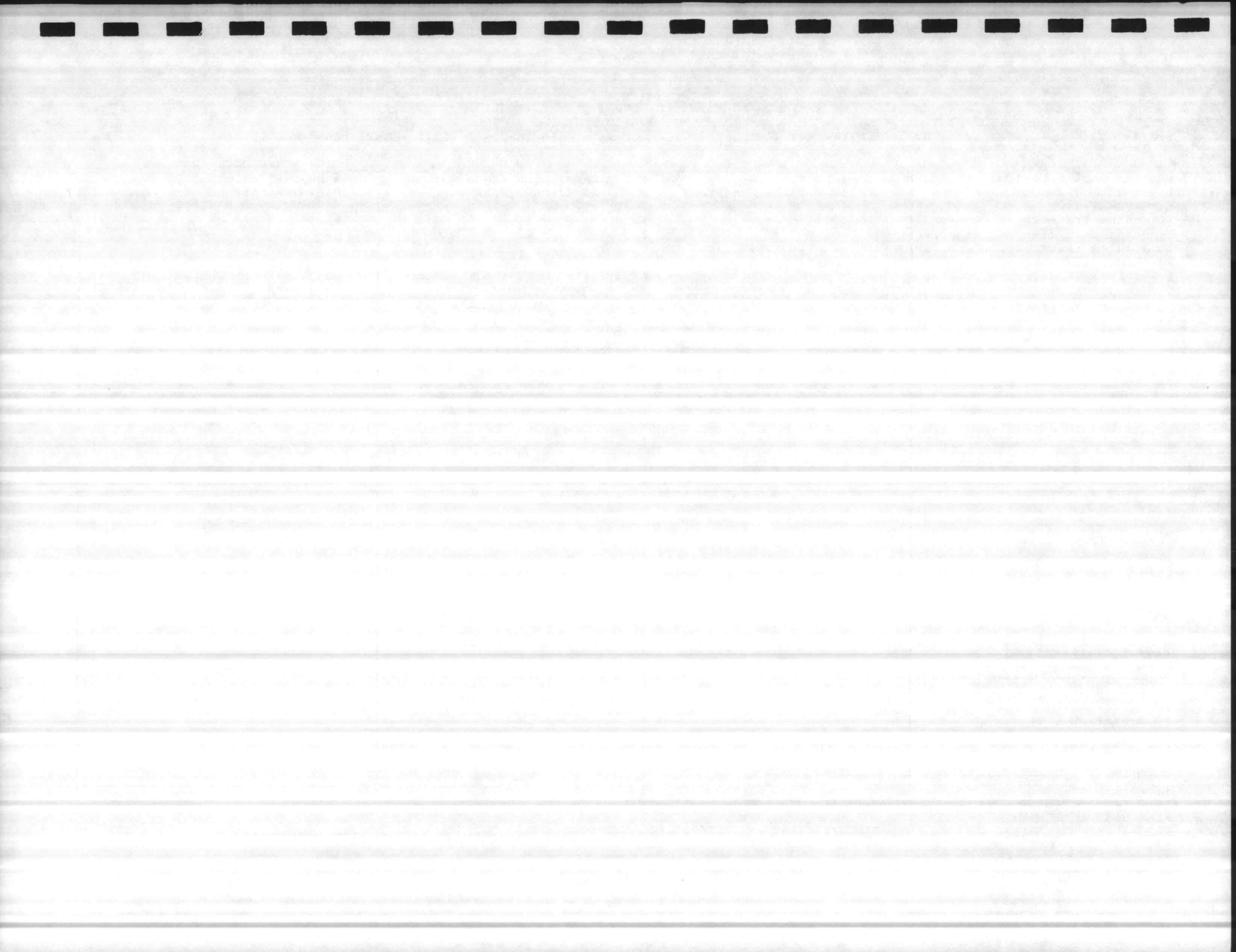
PAGE 1 OF 6

DATE: 03/05/87

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

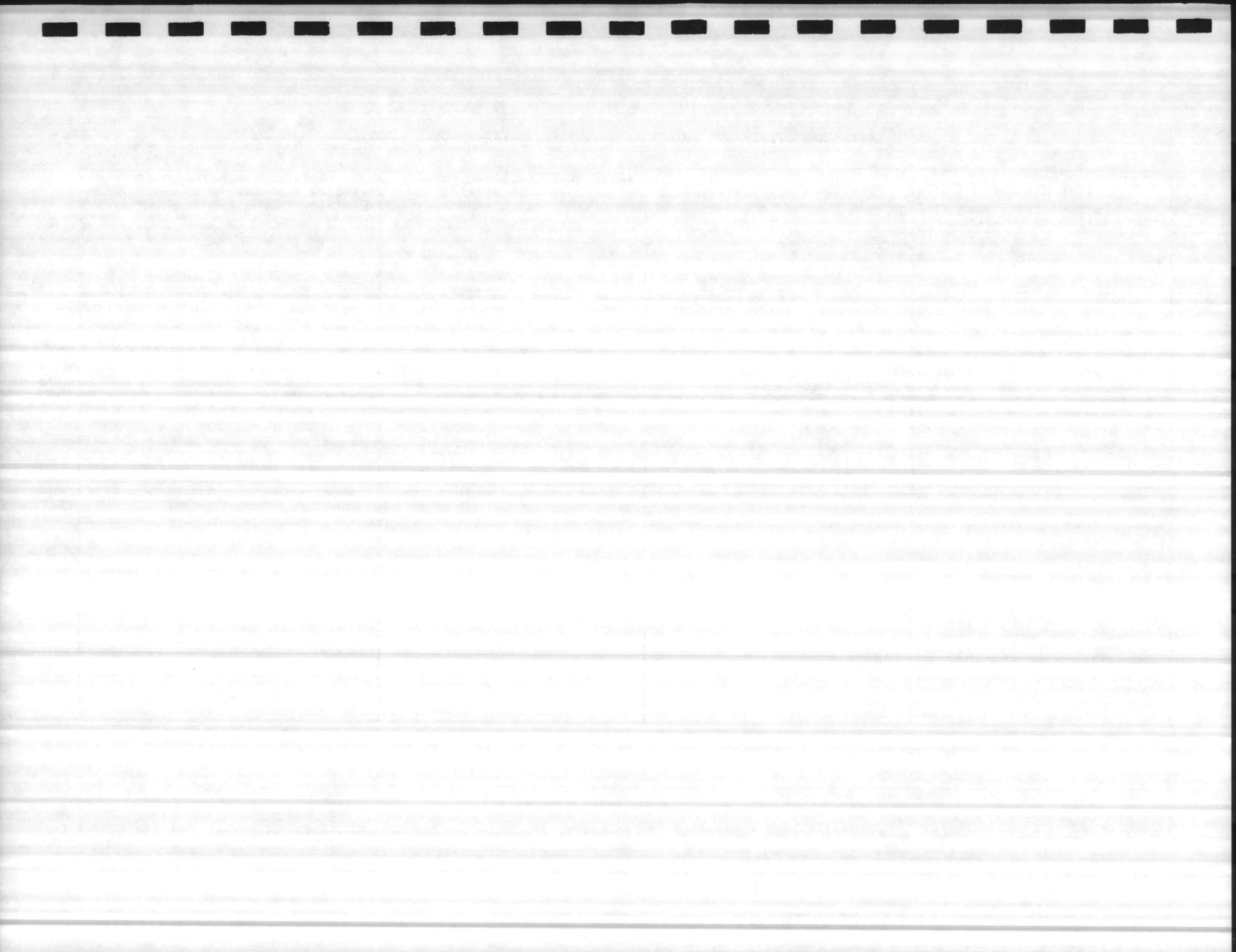
LFRTS-P-0001





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

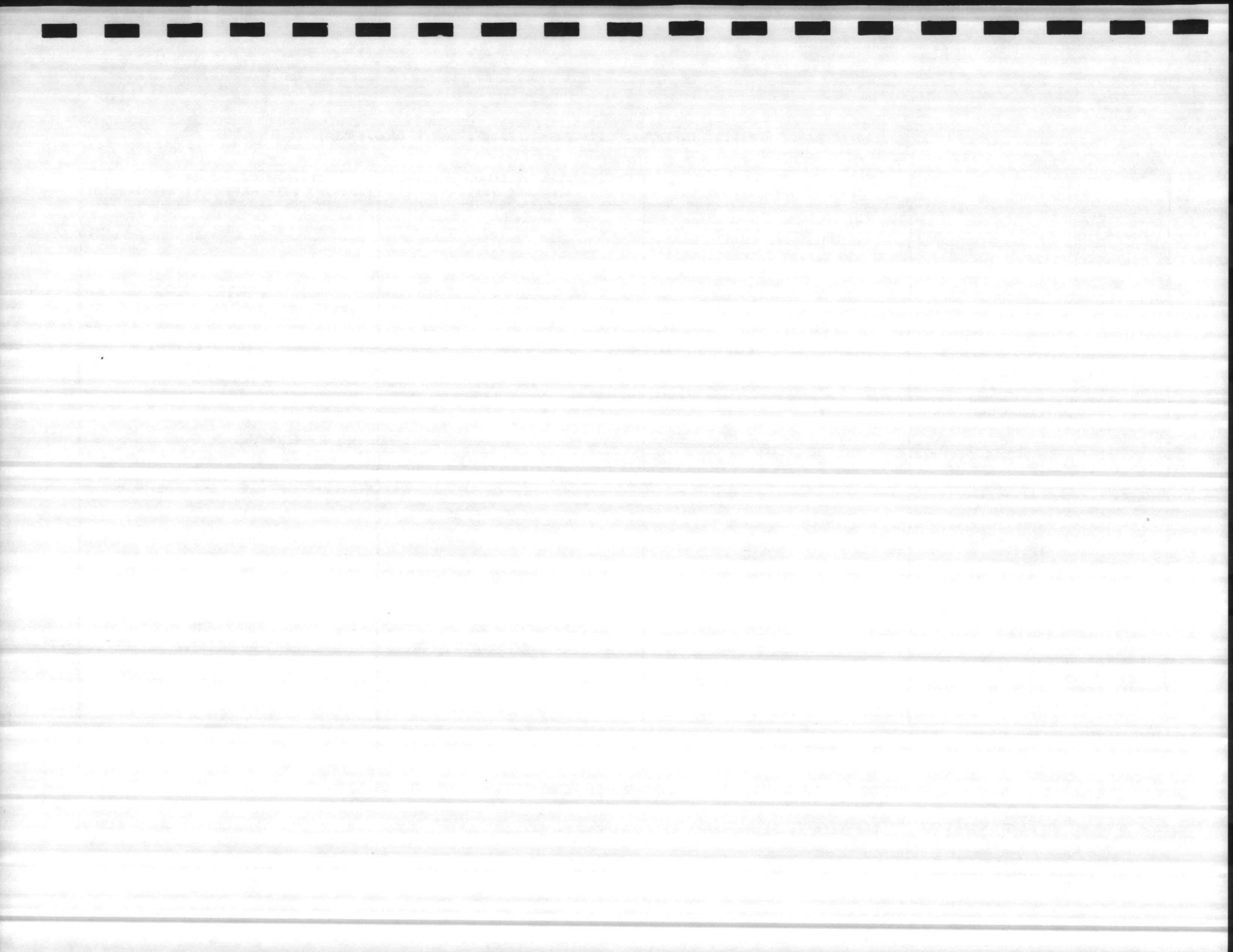
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

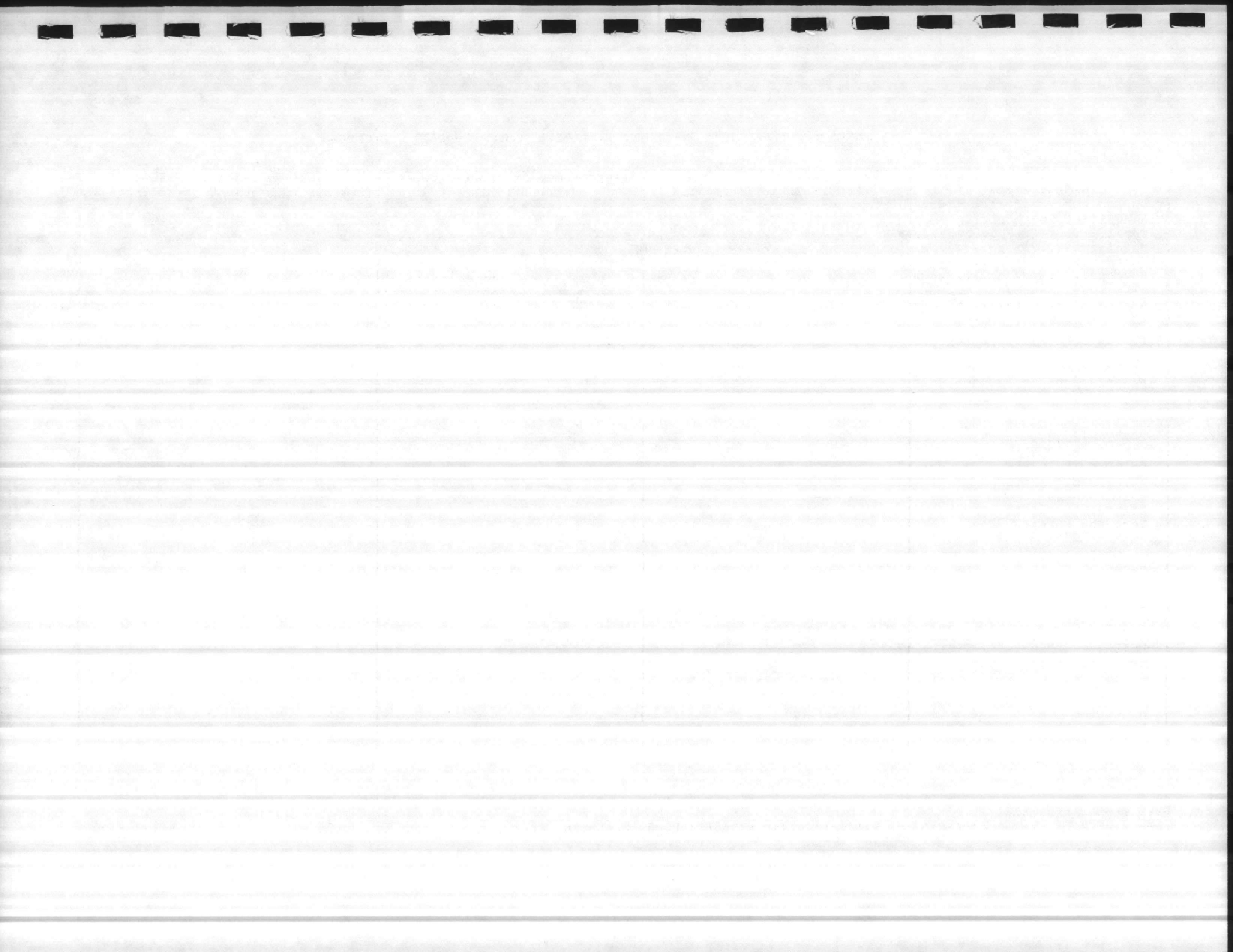
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate			
Seasonal.....	X		
Tropic.....			
Temperate.....			
Arctic.....		NOT APPLICABLE	NOT APPLICABLE
Desert.....			
All-Weather (Indoor).....			
Other.....			
Terrain Type			
Percentage Mountainous.....			
Percentage Rolling.....	20		
Percentage Swamp.....			
Percentage Desert.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Beach.....			
Percentage Level.....	80		
Percentage Water.....			
Soil Type			
Percentage Rock.....			
Percentage Sand.....	100		
Percentage Clay.....		NOT APPLICABLE	NOT APPLICABLE
Percentage Swamp/Marsh.....			
Percentage Loamy.....			
Percentage Other.....			





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

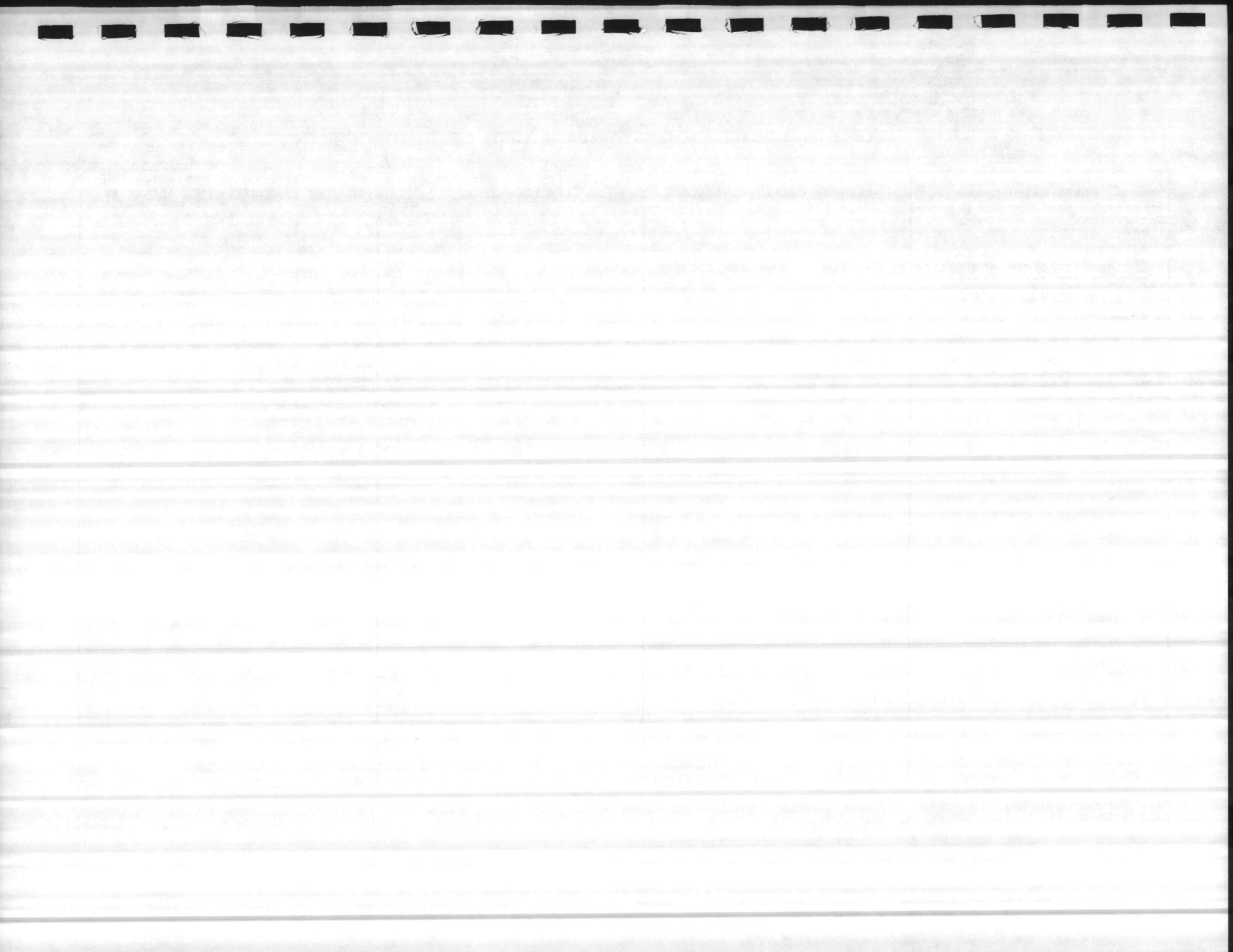
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	80	.....	
Percentage Sparse.....		.....	
Percentage Moderate.....	20	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes....	4	.....	
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).....	9	.....	
Ammunition (km).....	5	.....	
Rations (km).....	9	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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			



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

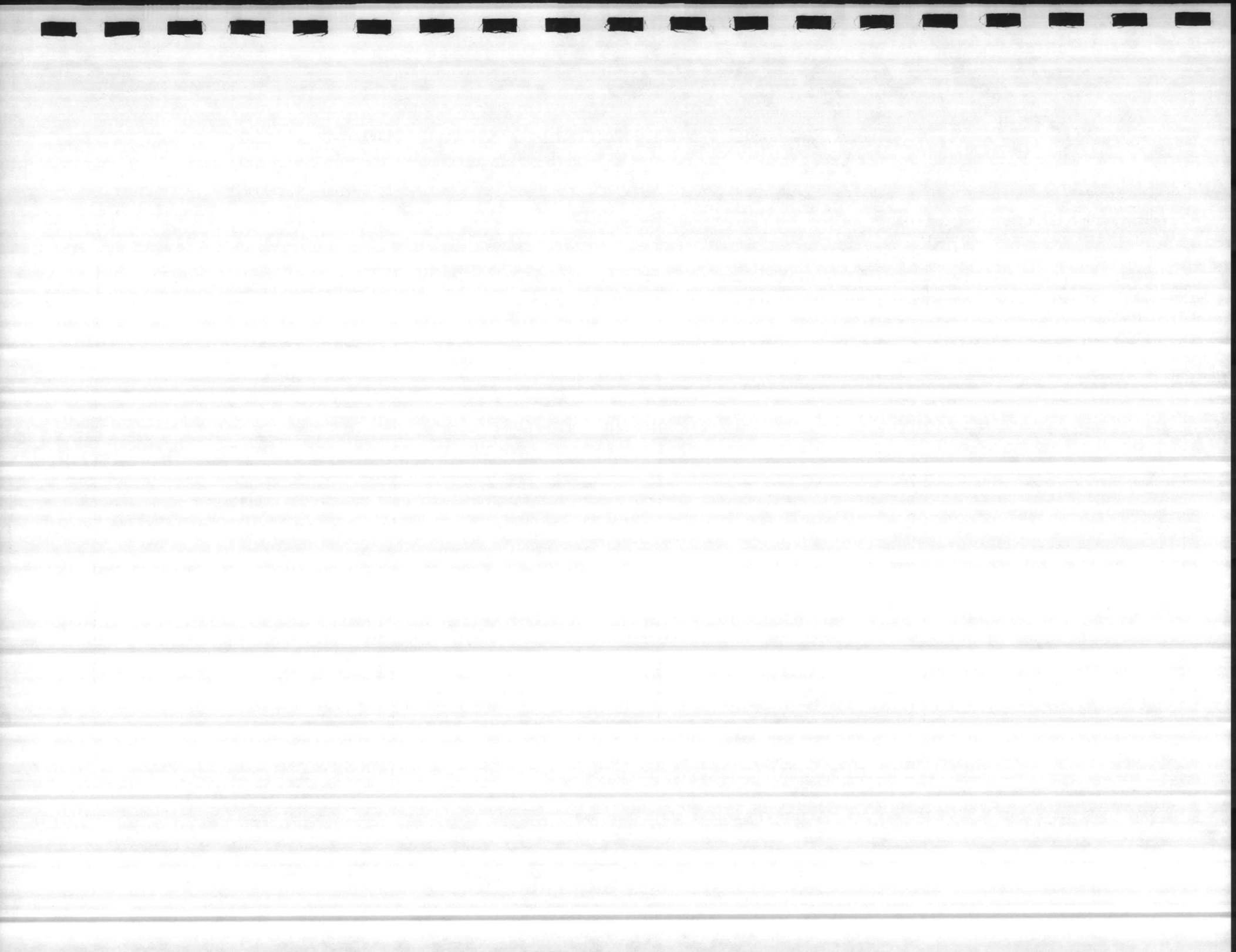
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total.....10 Maintenance.....10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	.....0 .....0 ..... ..... ..... .....	.....0 ..... ..... ..... ..... .....	.....0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Jaybird		
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: GP-41, MCB, Camp Lejeune, NC

Gun 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)	75 X 80 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP75332924		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010109

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DATE: 03/05/87

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

LFRTS-P-0001

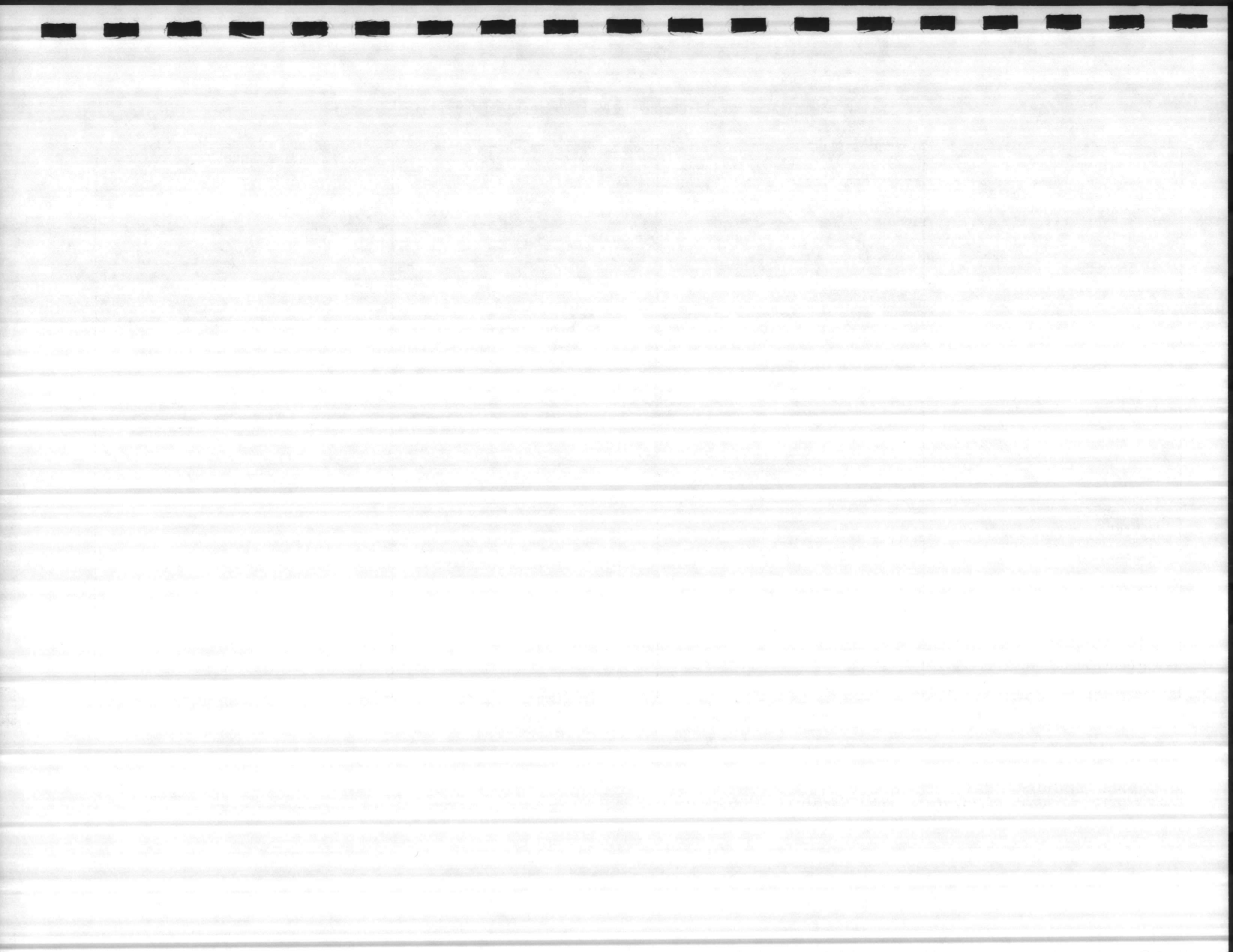


LATER RANGE/FACILITY INVENTORY DATA FORM (LRIS-9-0001) (CONTINUED)

DESIRED CHARACTERISTICS (SPECIFY YEAR HEREIN IF APPLICABLE)	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	PRESENT CHARACTERISTICS	DATA ELEMENT
			Vegetation Percentage None..... Percentage Sparse..... 10 Percentage Moderate..... 90 Percentage Heavy.....
			Access No. of land access routes..... No. of land area nodes..... No. of air access routes..... No. of water access routes.....
			Distance from supply source No. of..... Mileage (mi)..... Nautical (nm)..... Statute (sm).....
			Fire Capacity of an 8-hour Training Day, Specialty Unit as located, 8-9..... No. of battalions..... No. of batteries..... No. of platoons.....
			Number of days per year the range/facility is available.....
			Is range/facility capable of the nighttime use..... Yes, No.....

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

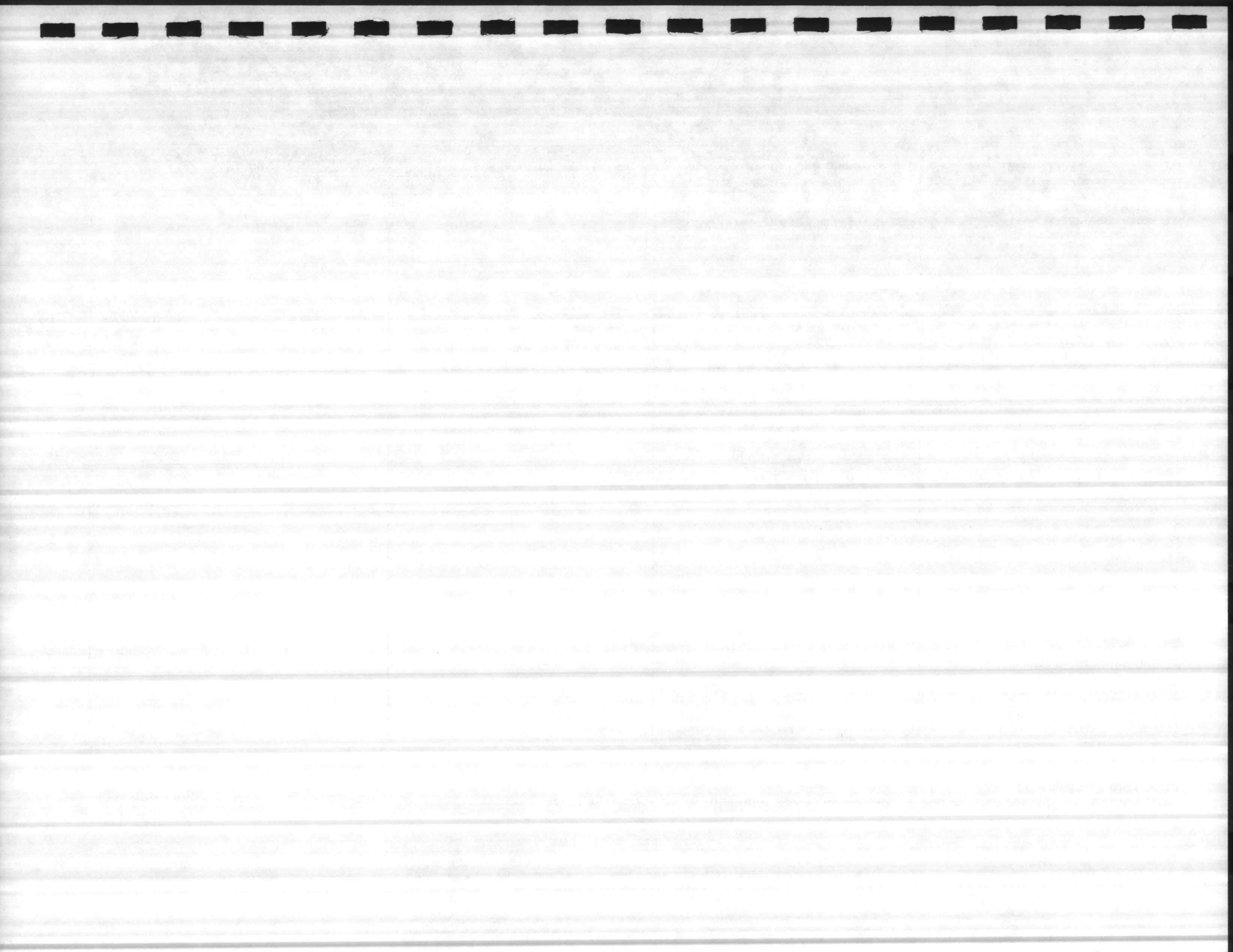
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

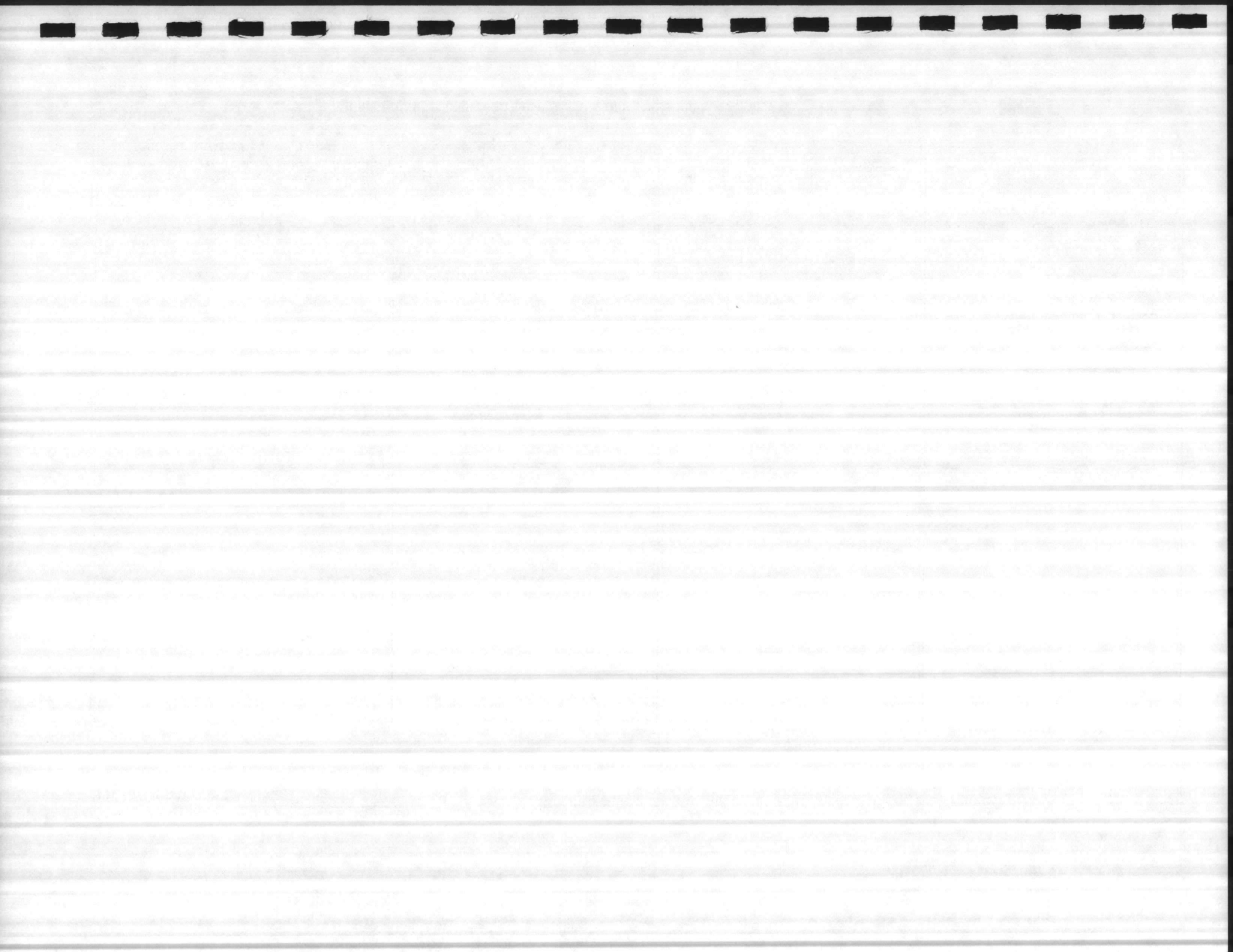
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position		
Climate Seasonal..... X Tropic..... Temperate..... 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)

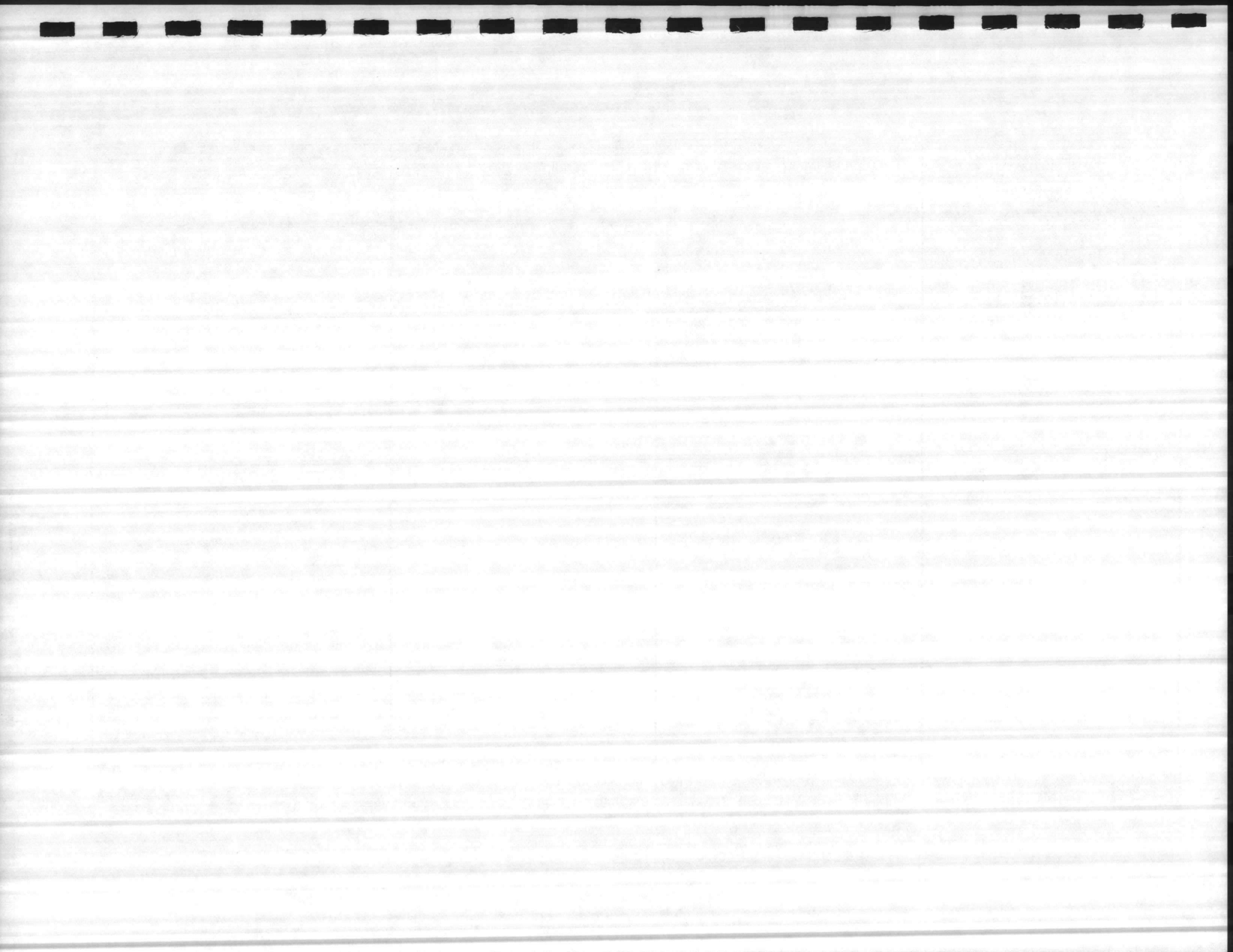
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	10	.....	
Percentage Moderate.....	90	.....	
Percentage Heavy.....	.....	.....	
Access			
No. of Land Access Routes...	6	.....	
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).....	2	.....	
Ammunition (km).....	NA	.....	
Rations (km).....	2	.....	
List Capacity of an 8-Hour Training Day. Specify: Unit of Measure, e.g.,			
No. of Individuals.....	.....	.....	
No. of Batteries.....	Undefined	.....	
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	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.....	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	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)

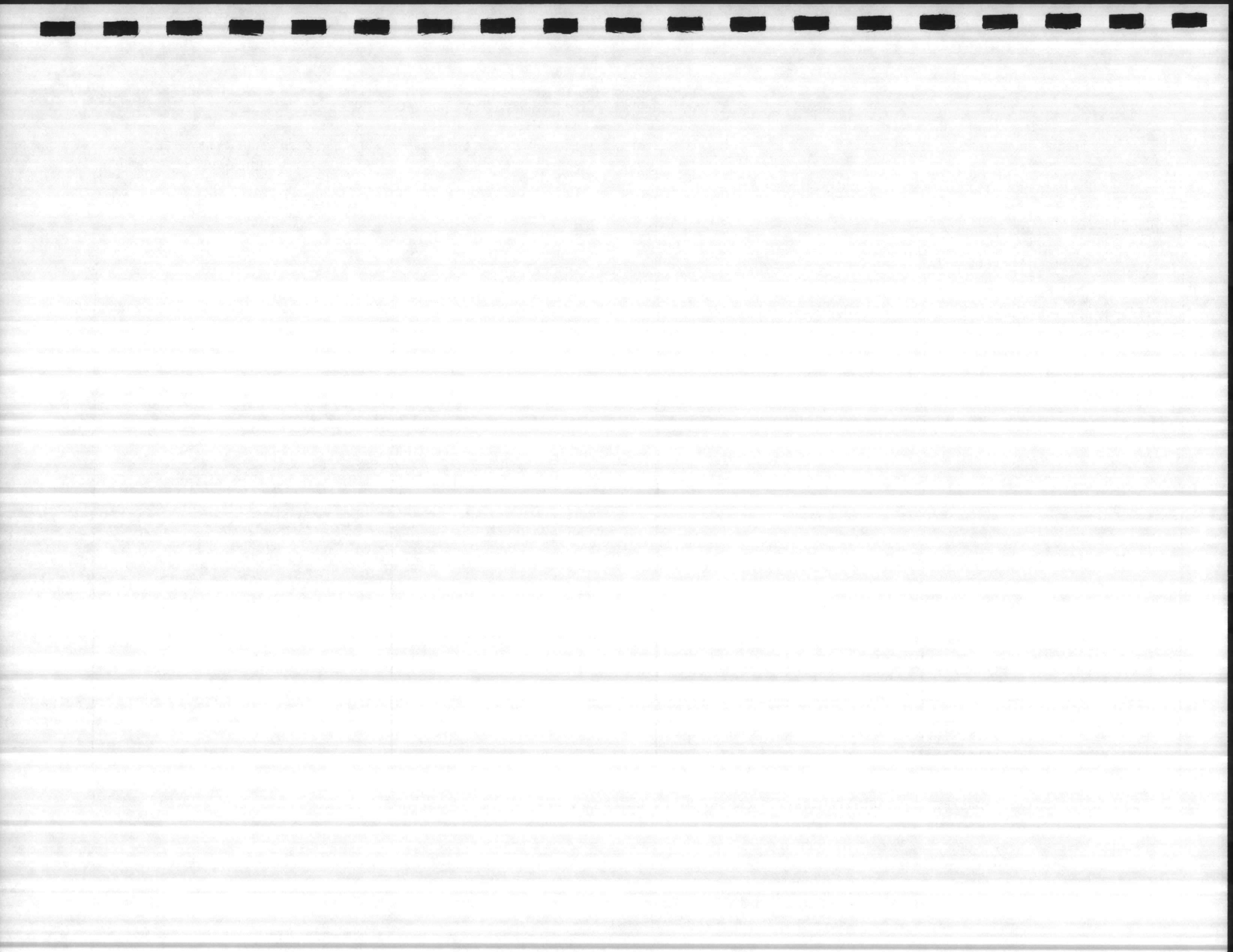
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Restrictions on Range Use Environmental..... AICUZ..... FAA..... Noise..... Gas/Chemical..... Pyrotechnics/Flare..... Time of Day..... Time of Year..... Other .....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

FILE NAME: LP010109

PAGE 6 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)

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: GP-42, MCB, Camp Lejeune, NC

Gun 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)  Primary Direction of Fire  Associated Air Space  Coordinates	140 X 160 yds  1160 MILS/66 degrees (G-10) 5180 MILS/293 degrees (K-2) 17,999 ft; 399 sq km  TP85423227		
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.....			

FILE NAME: LP010110

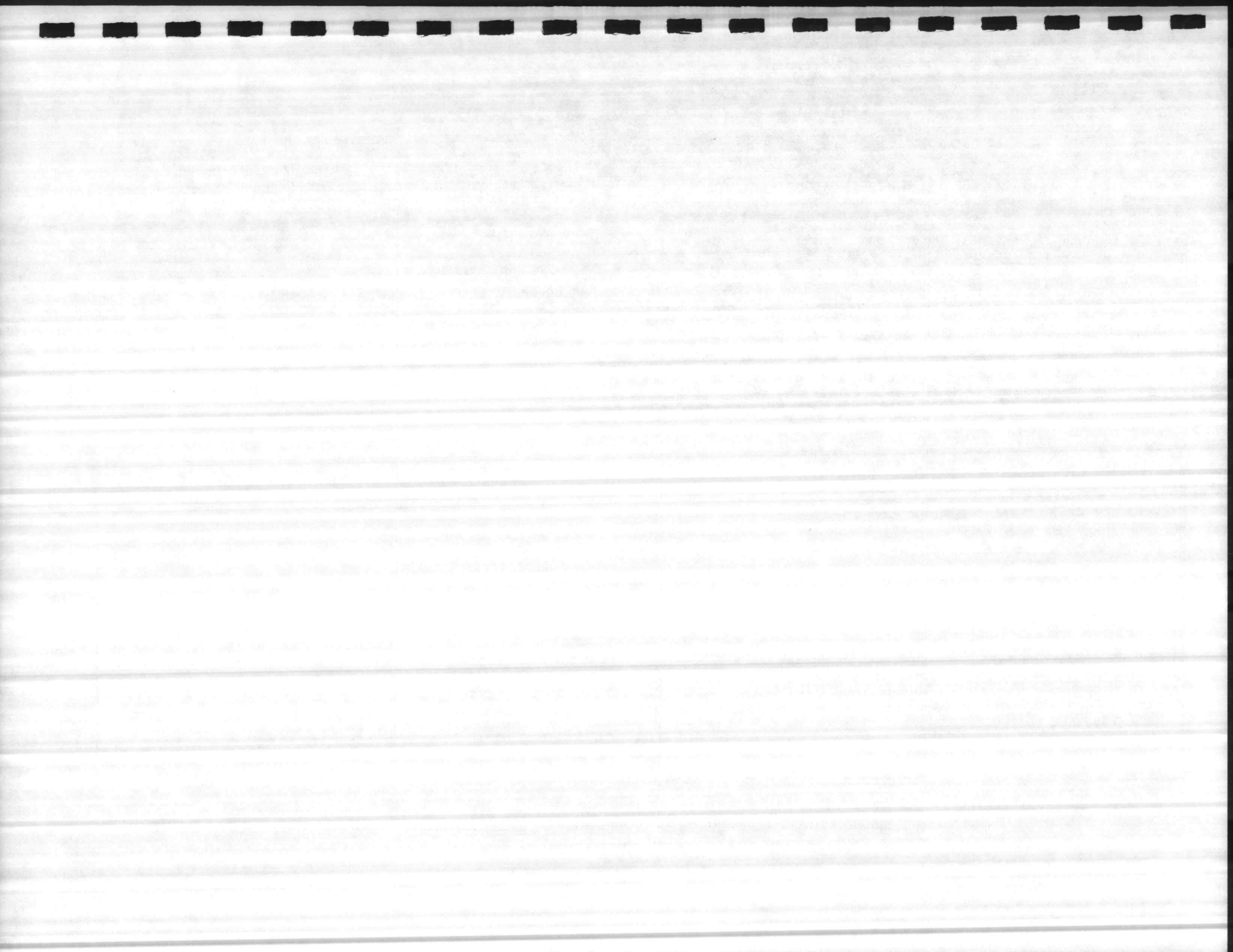
PAGE 1 OF 6

DATE: 03/05/87

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

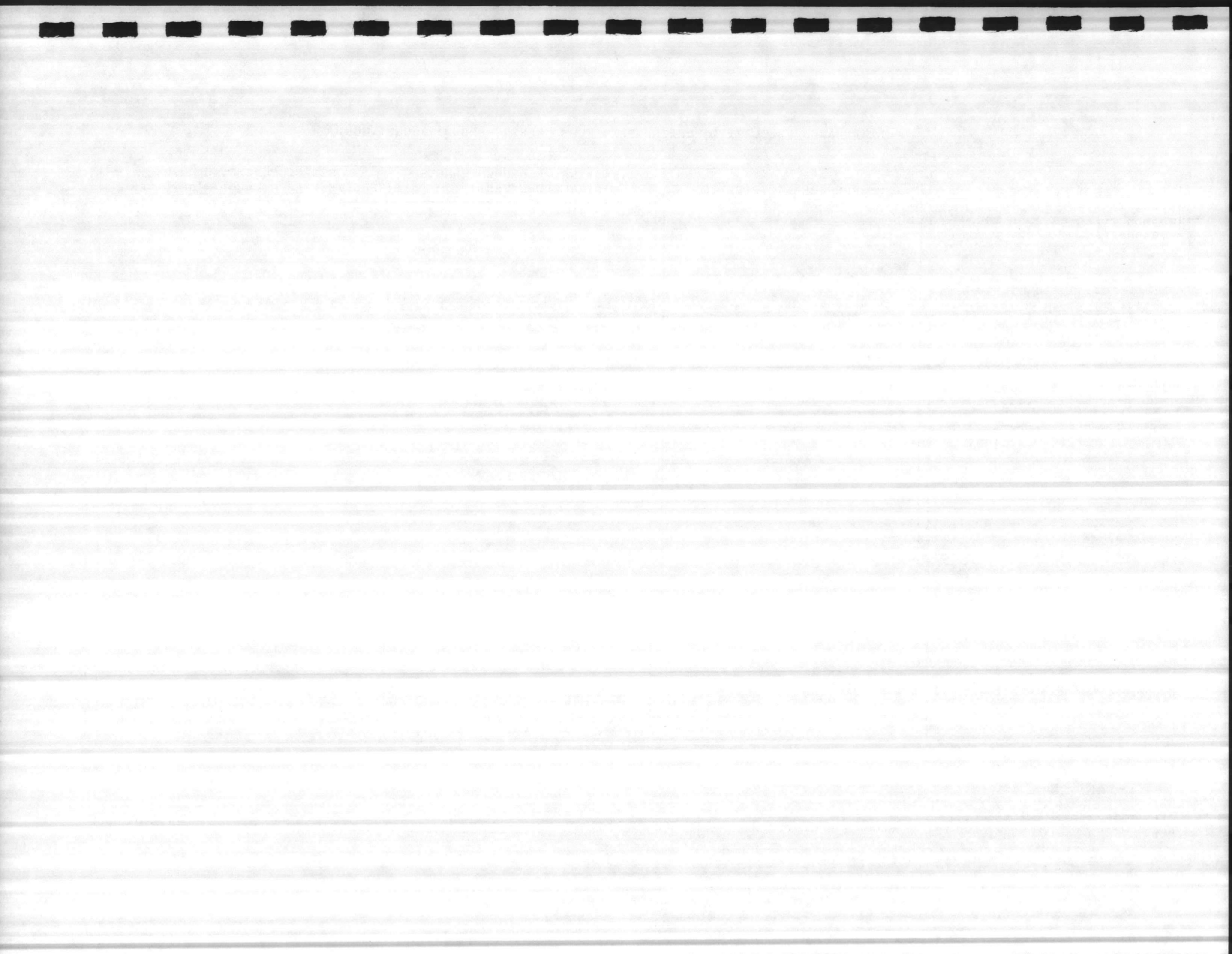
LFRTS-P-0001





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

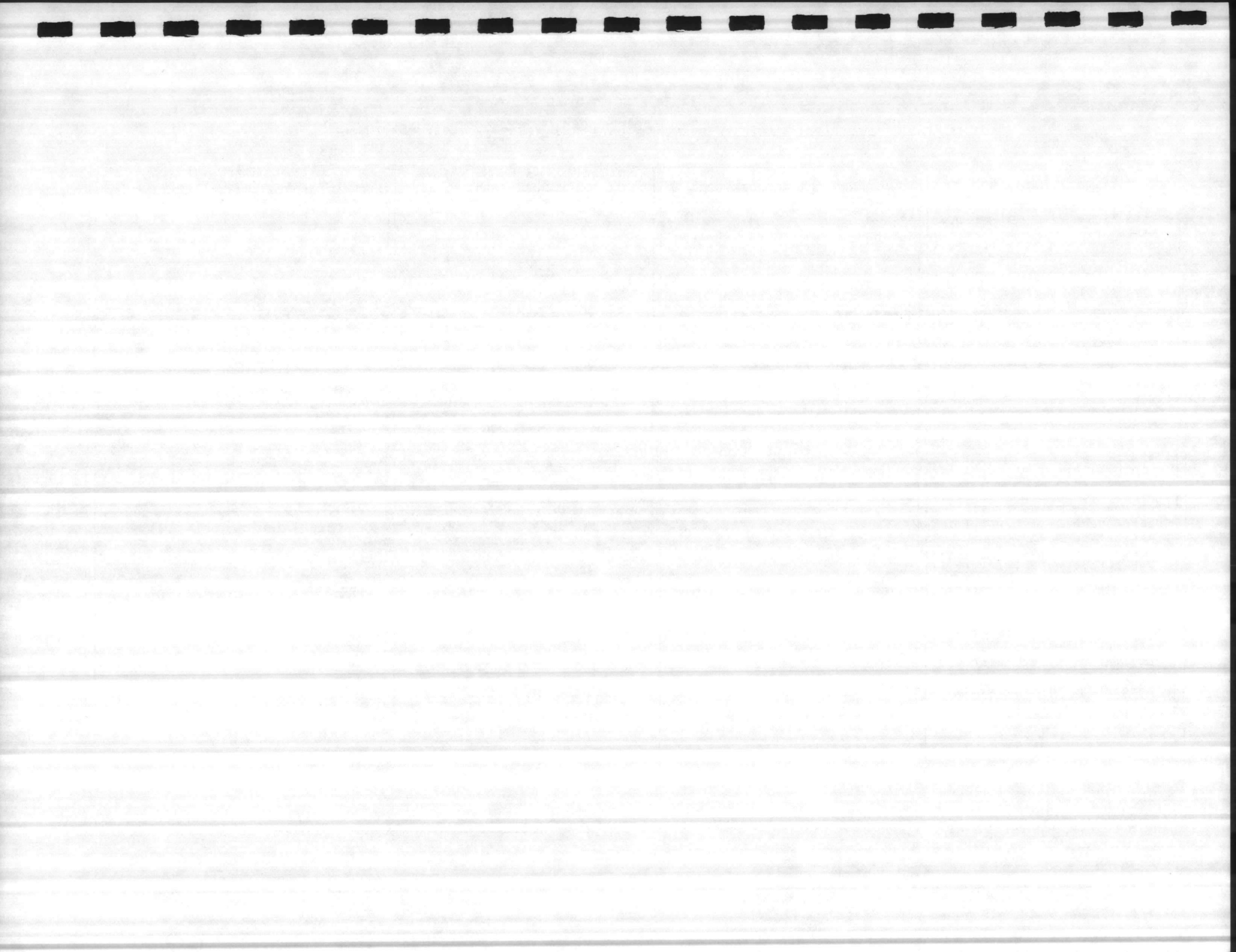
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		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)

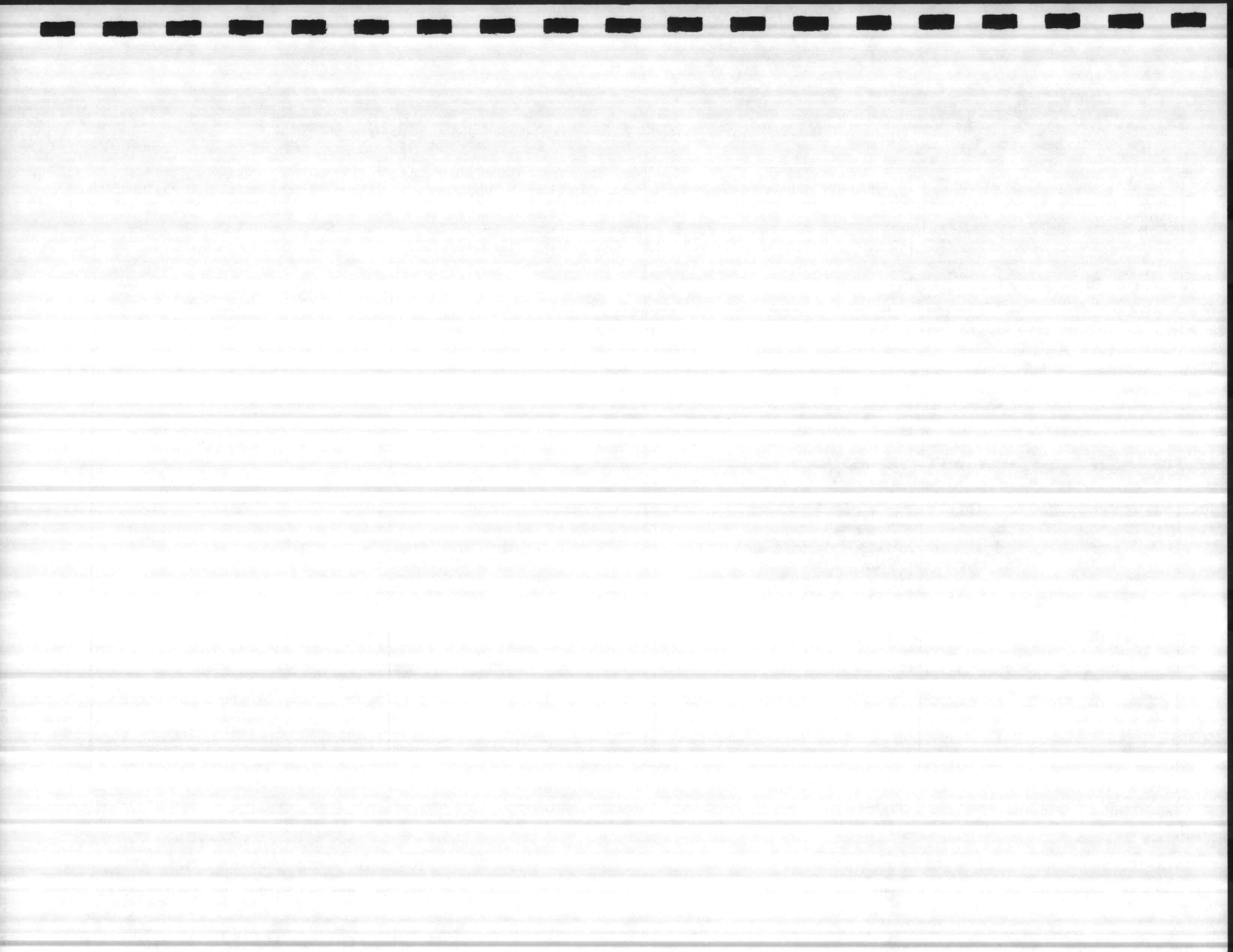
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	.....	.....	
Percentage Sparse.....	.....	.....	
Percentage Moderate.....	100 .....	.....	
Percentage Heavy.....	.....	.....	
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).....	5 .....	.....	
Ammunition (km).....	9 .....	.....	
Rations (km).....	5 .....	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined .....	.....	
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	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..... 10 Maintenance..... 10 Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	..... 0 ..... 0 ..... ..... ..... .....	..... ..... ..... ..... ..... .....	..... 0 ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Jaybird, TLZ Hawk		
Are There Site-unique Features (Waivers to Range Standards, Safety, etc.)? Yes, No, Explain	NA		
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		

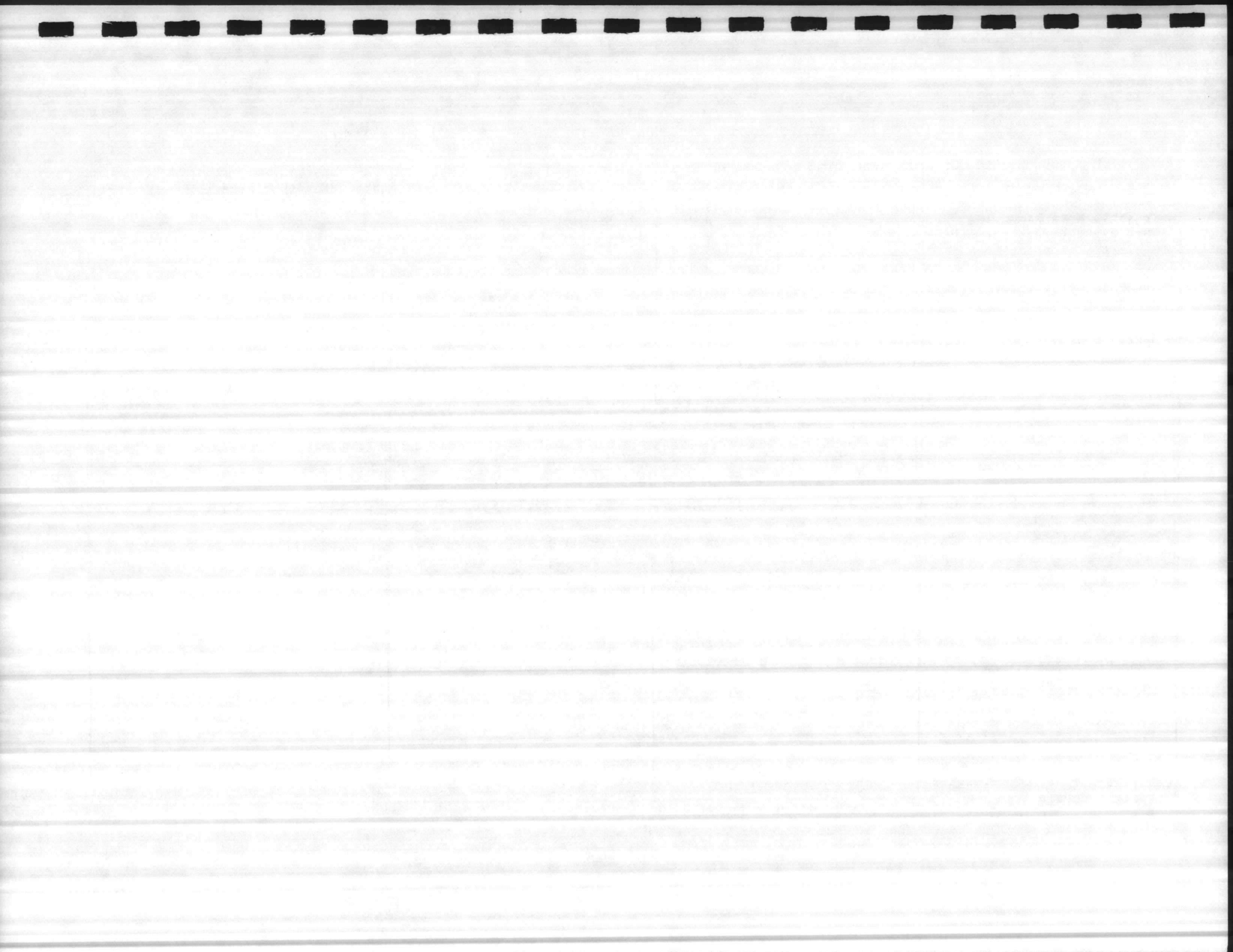
FILE NAME: LP010110

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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: GP-Dove, MCB, Camp Lejeune, NC

Gun 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)	140 X 270 yds		
Primary Direction of Fire	900 MILS/52 degrees (G-10) 5280 MILS/297 degrees (K-2)		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP85913065		
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.....			

FILE NAME: LP010111

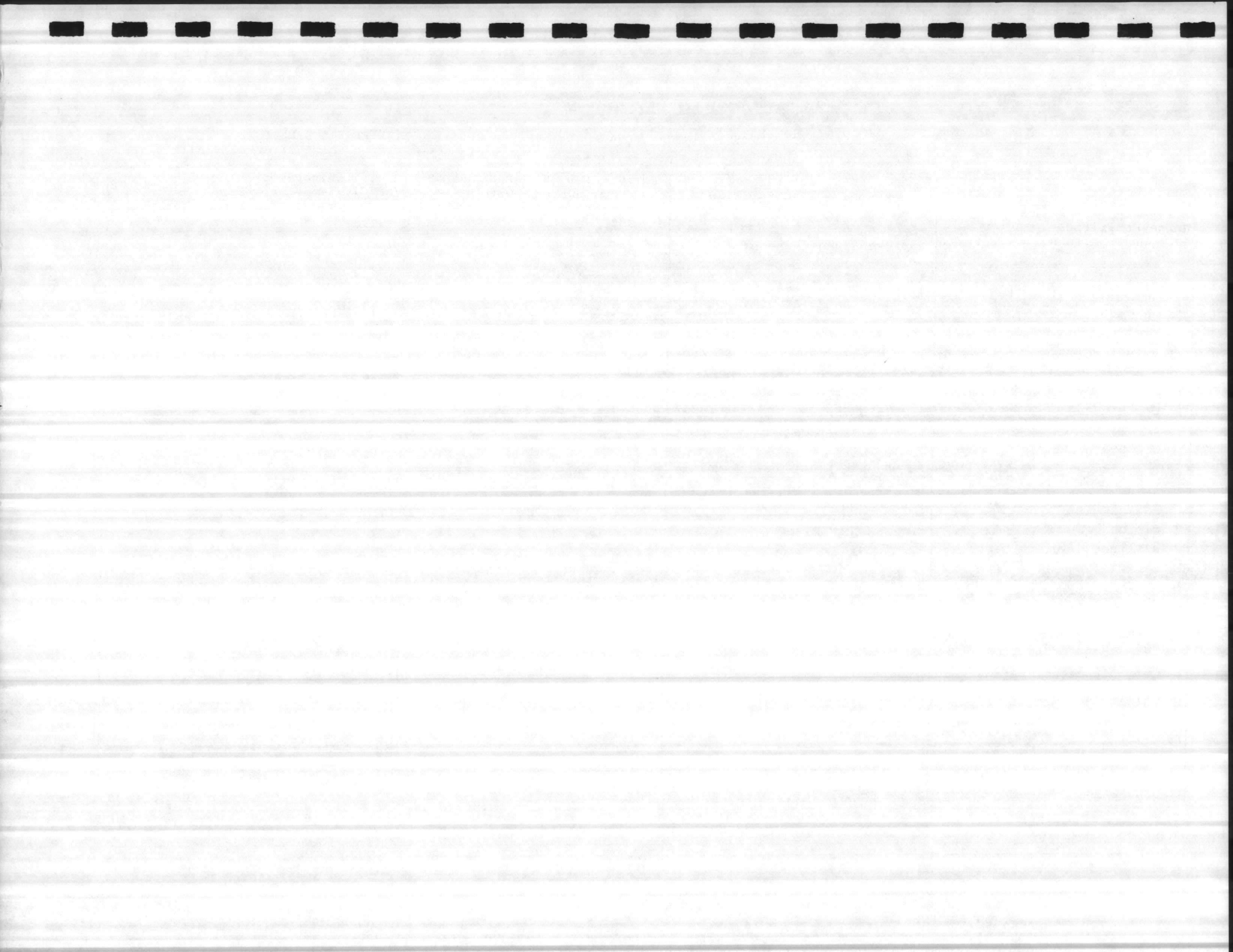
PAGE 1 OF 6

DATE: 03/05/87

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

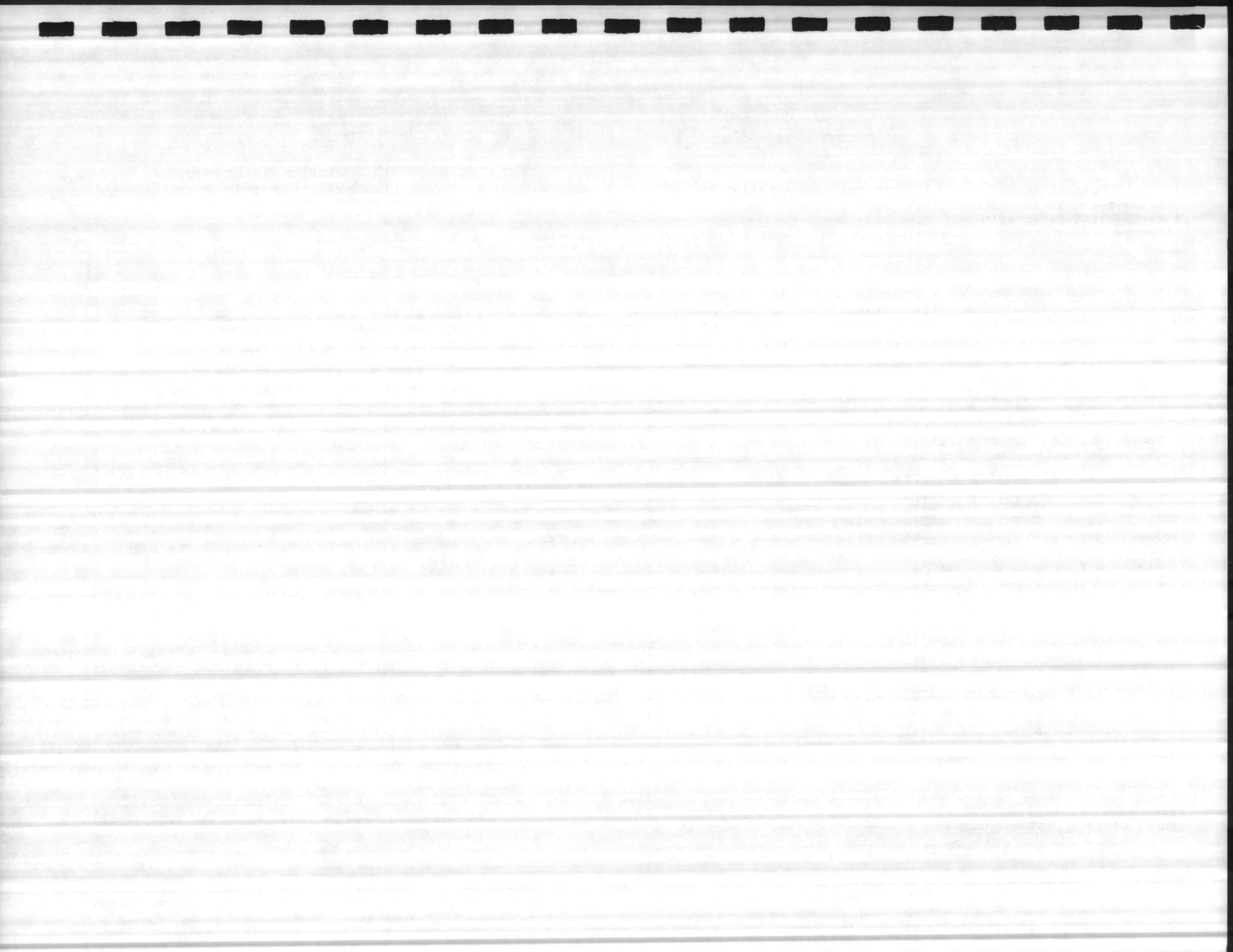
LFRTS-P-0001





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

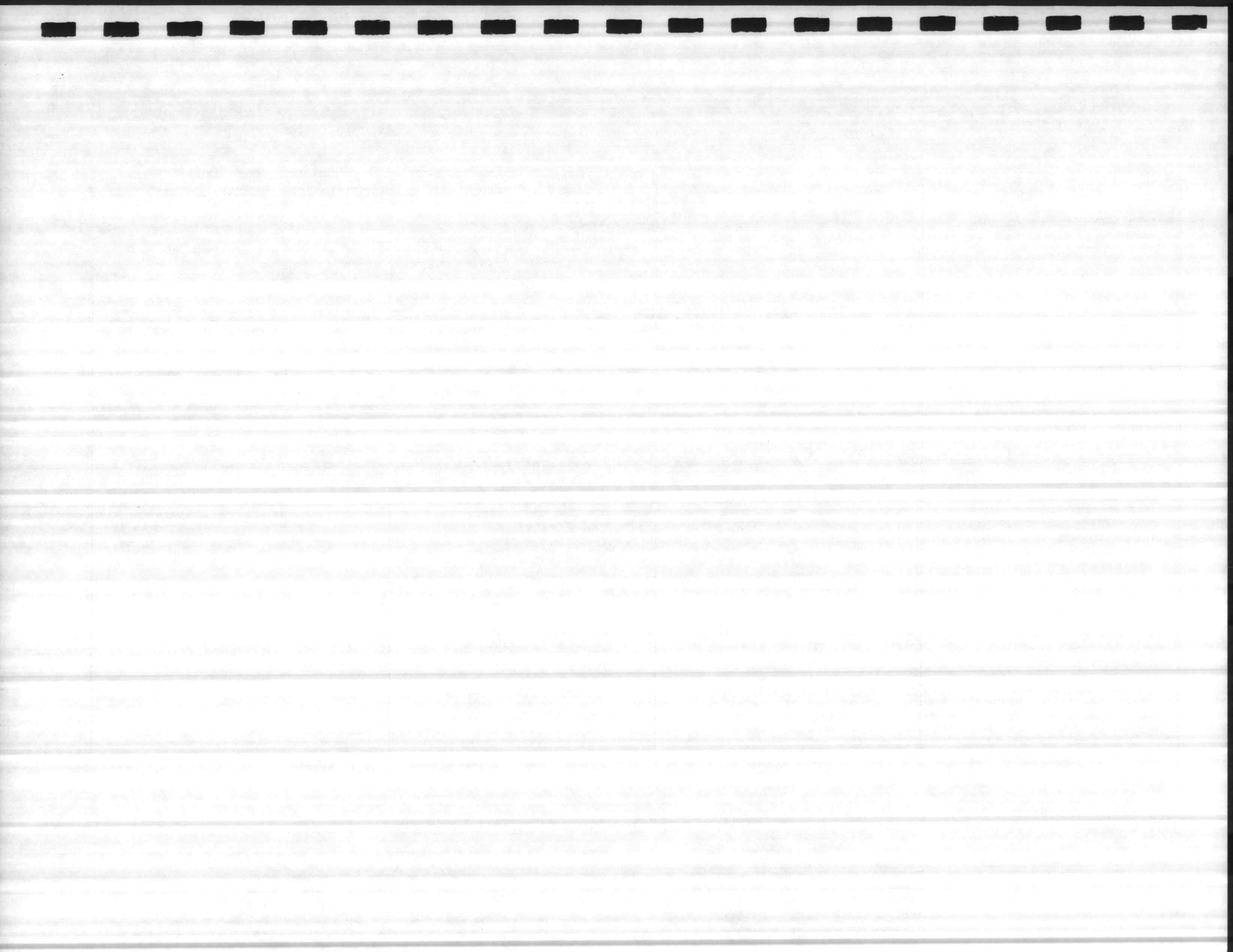
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

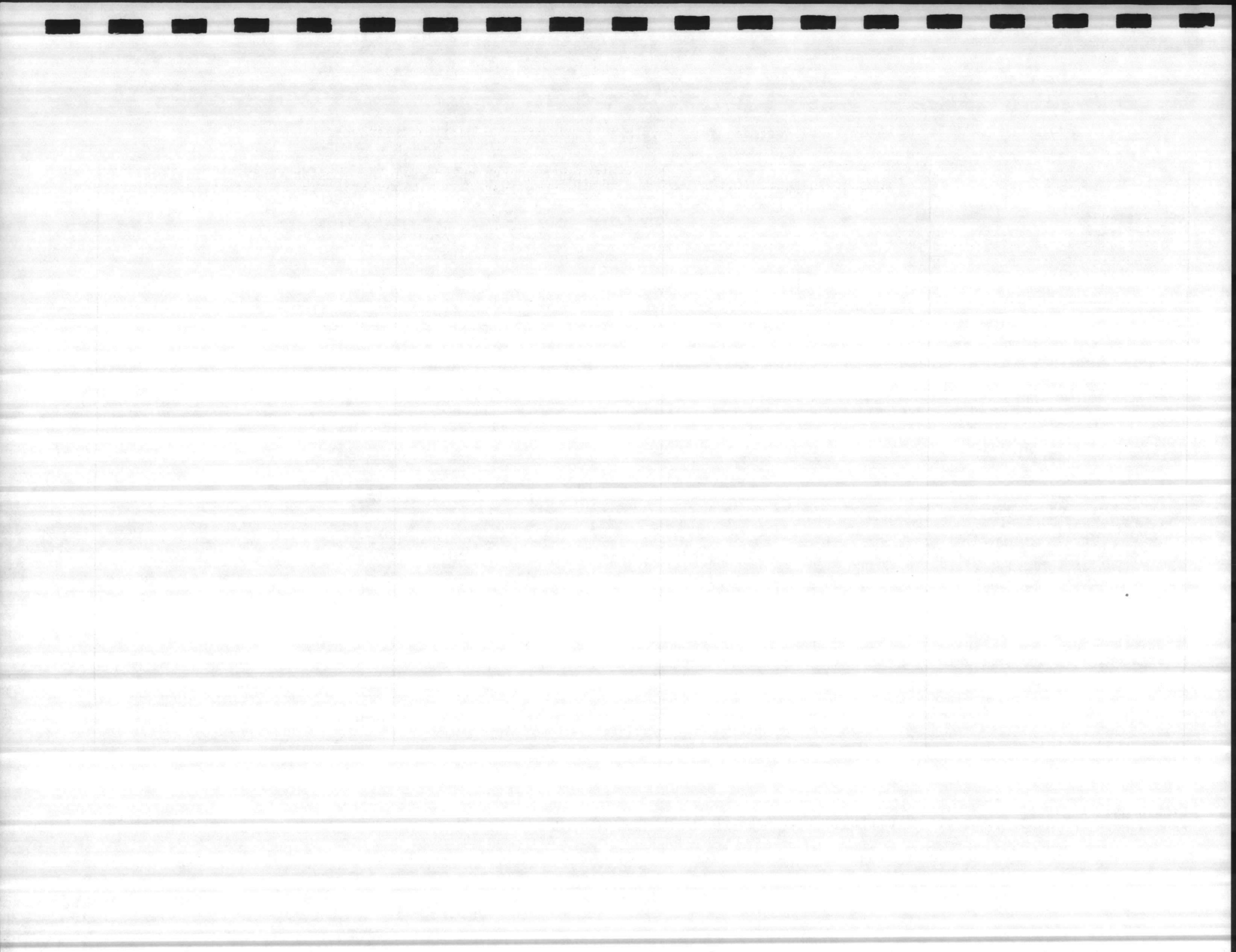
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	105-mm, 155-mm, 8-in		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 20 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 80 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)

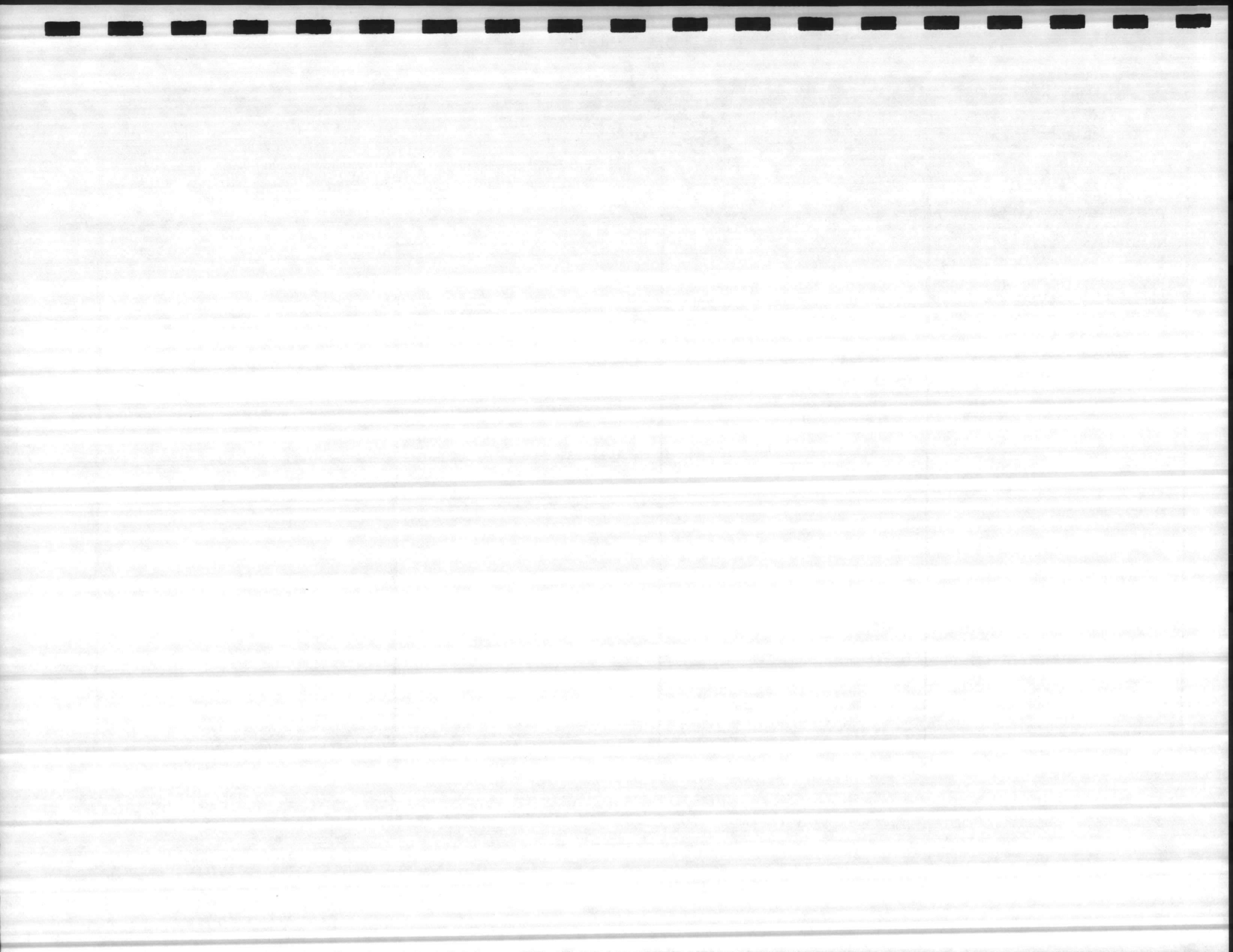
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	20	.....	.....
Percentage Sparse.....	20	.....	.....
Percentage Moderate.....	60	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	2	.....	.....
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).....	4	.....	.....
Ammunition (km).....	6	.....	.....
Rations (km).....	4	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		



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

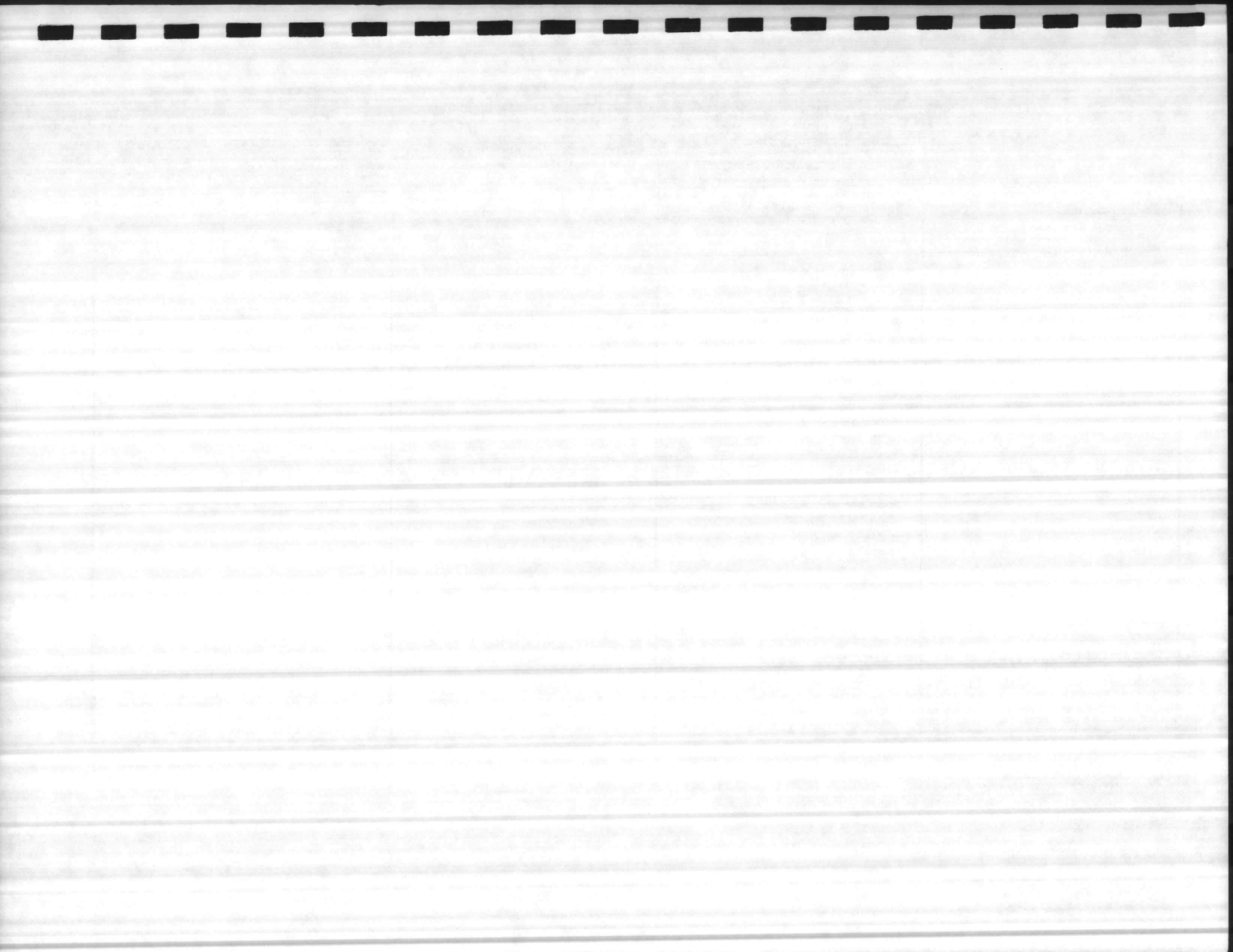
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use	TLZ Dove, TLZ Dodo, TLZ Hawk, TLZ Jaybird		
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: GP-51, MCB, Camp Lejeune, NC

Gun 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)	150 X 170 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP78694088		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

FILE NAME: LP010112

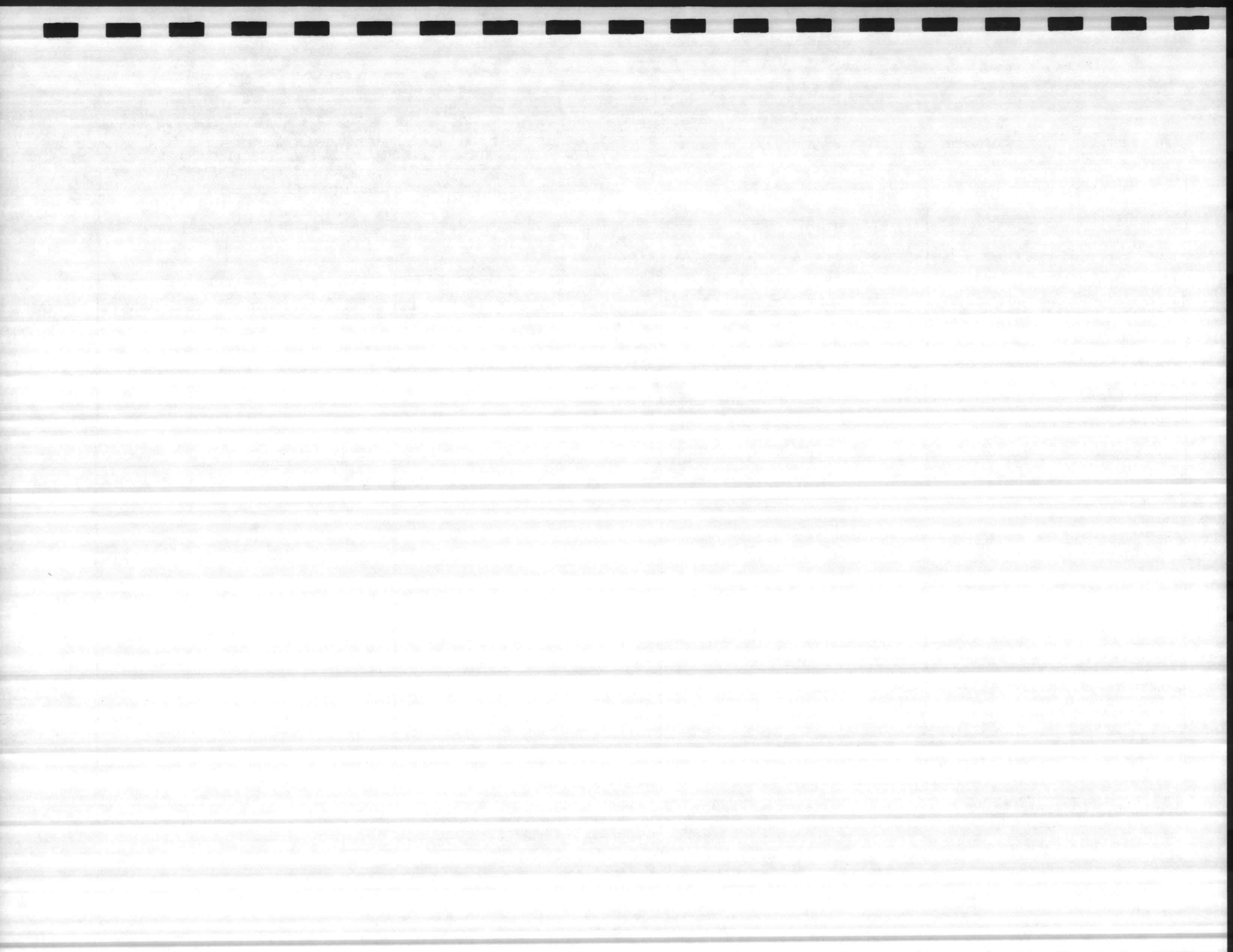
PAGE 1 OF 6

DATE: 03/05/87

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

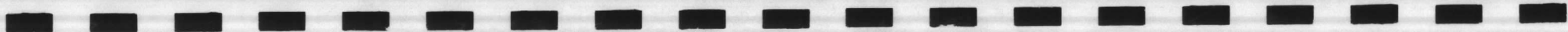
LFRTS-P-0001





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

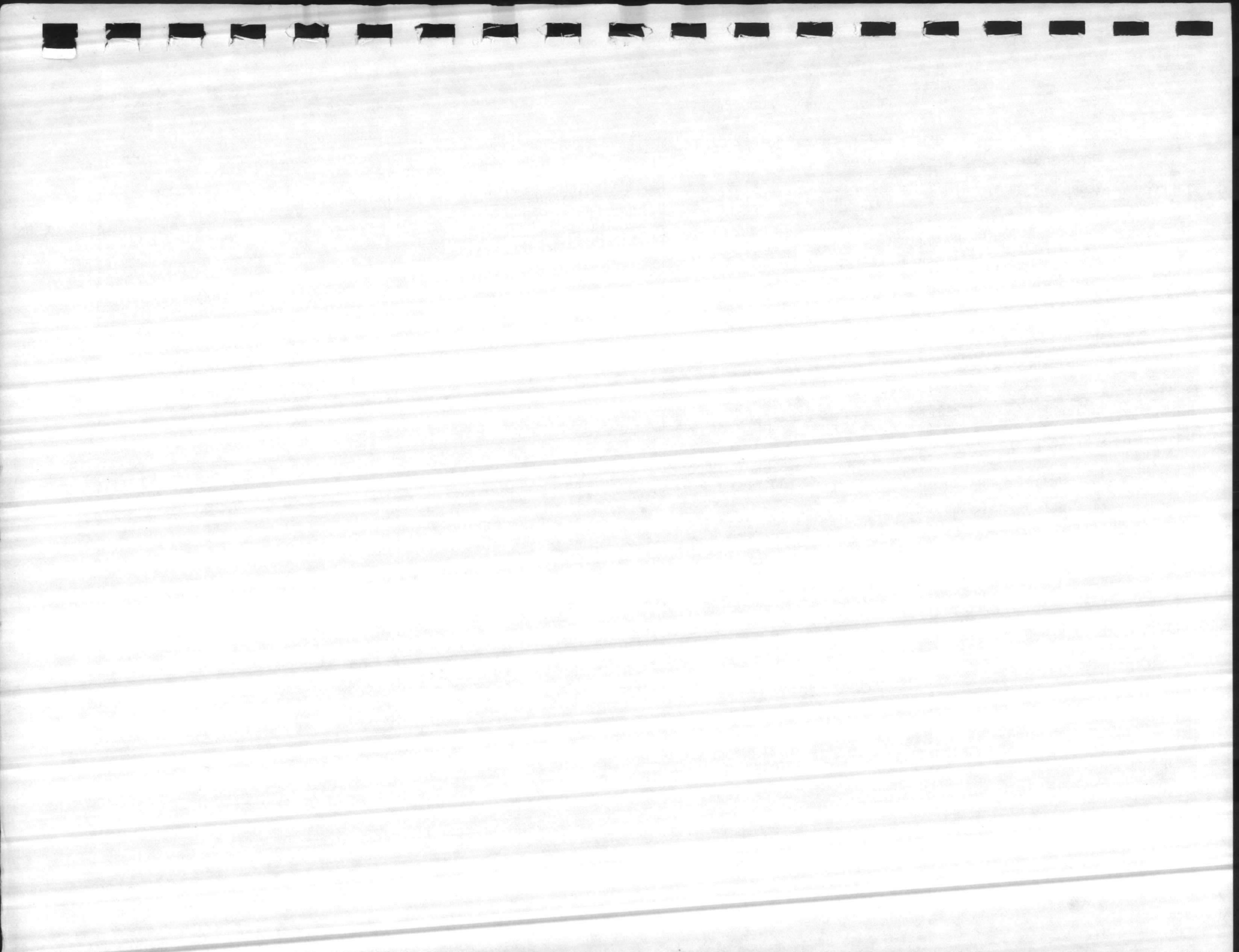
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

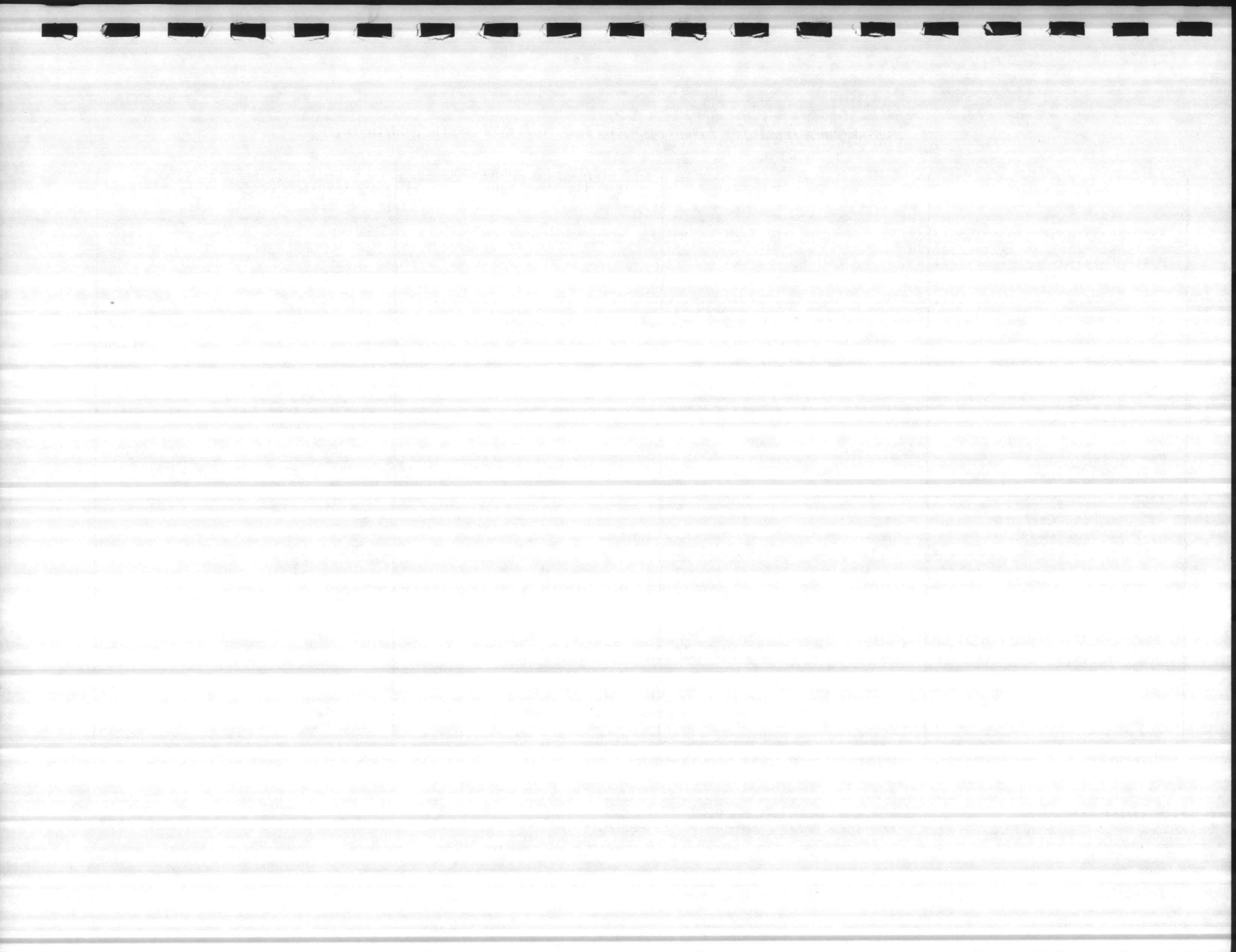
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position only		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 20 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 80 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)

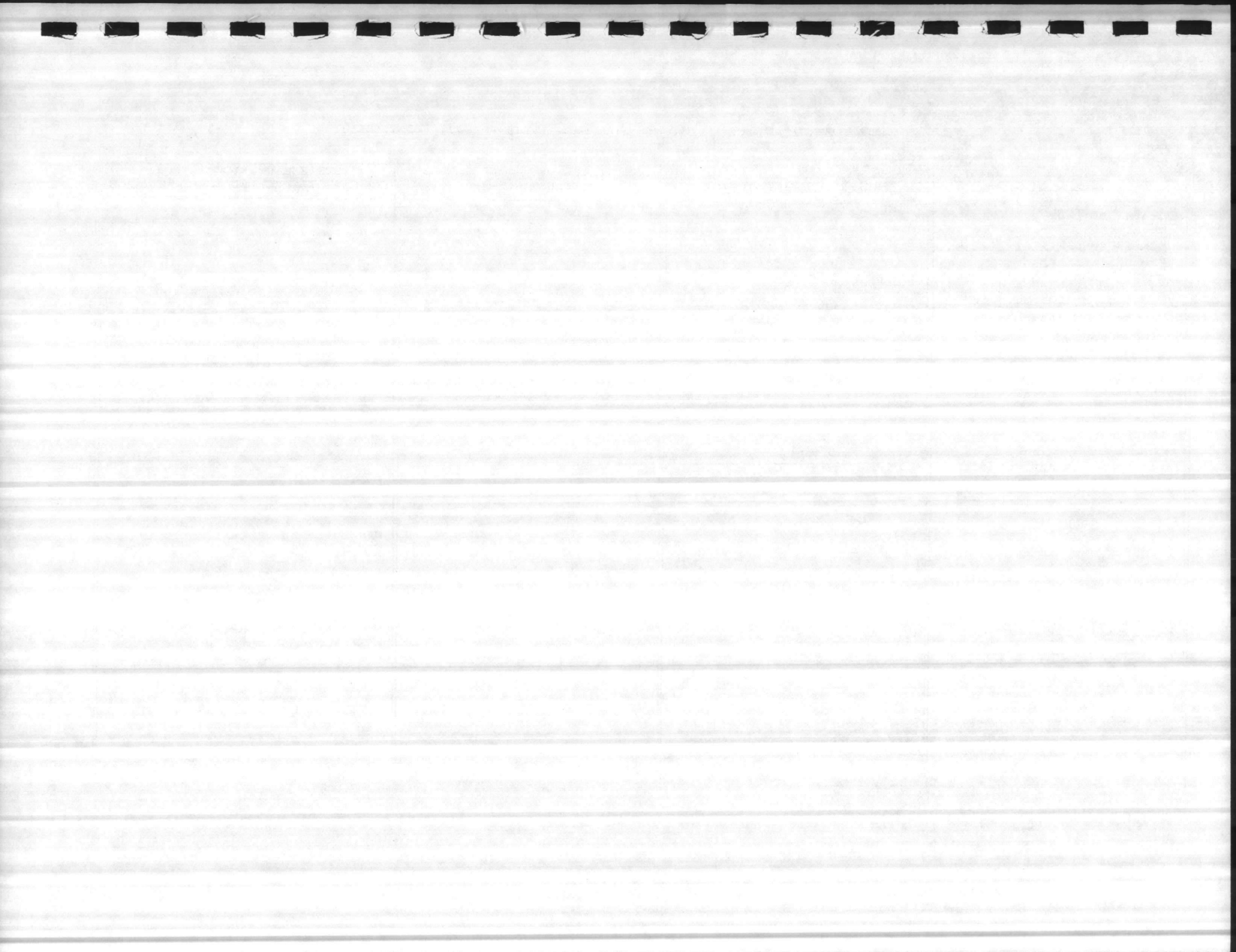
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	30	.....	.....
Percentage Sparse.....	30	.....	.....
Percentage Moderate.....	40	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	2	.....	.....
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).....	15	.....	.....
Ammunition (km).....	NA	.....	.....
Rations (km).....	15	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		



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

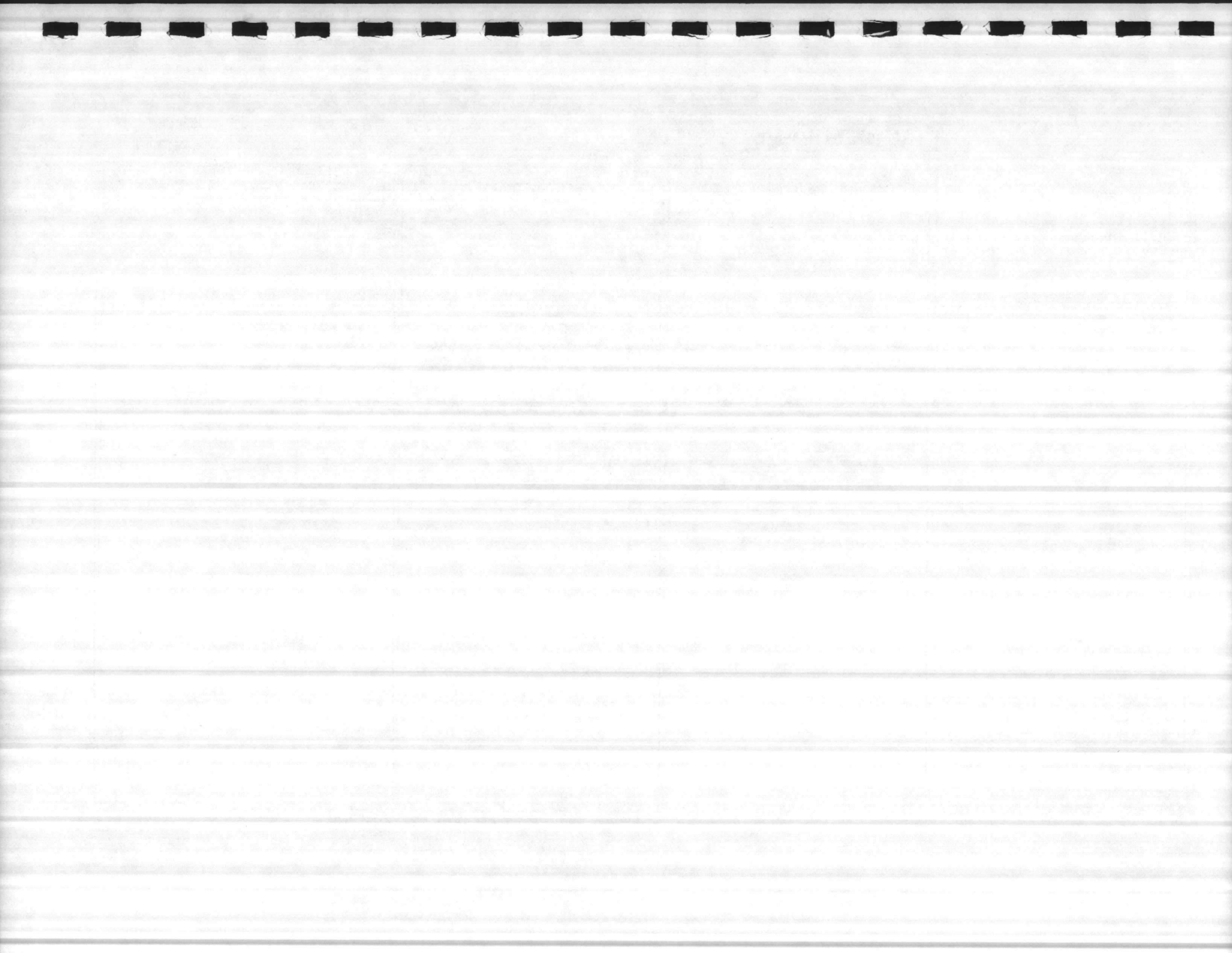
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....	0 ..... ..... ..... ..... ..... ..... .....
Other Ranges Which Must Be Closed When This Range is in Use			
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: GP-52, MCB, Camp Lejeune, NC

Gun 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)	100 X 120 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP78523685		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

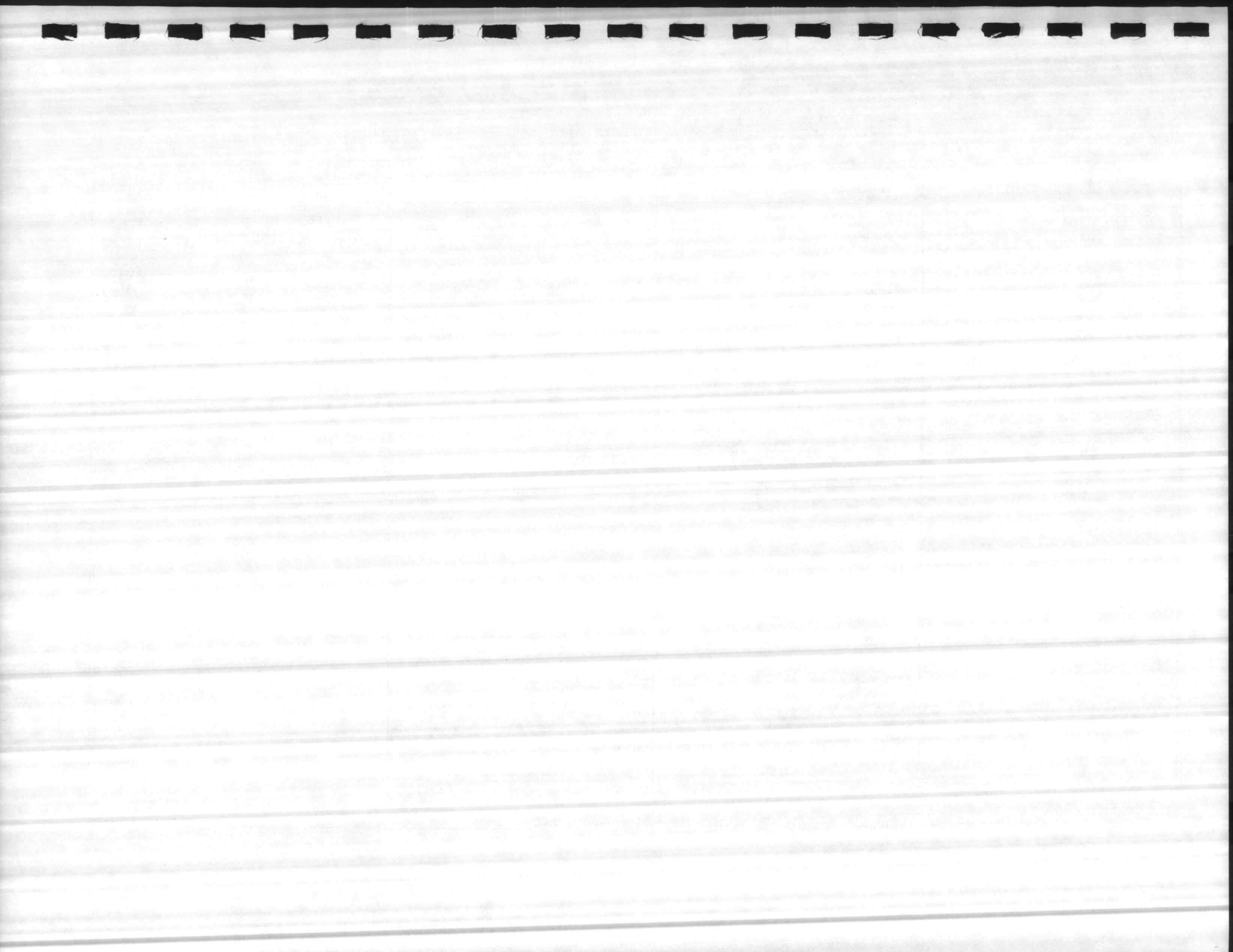
FILE NAME: LP010113

PAGE 1 OF 6 DATE: 03/05/87

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

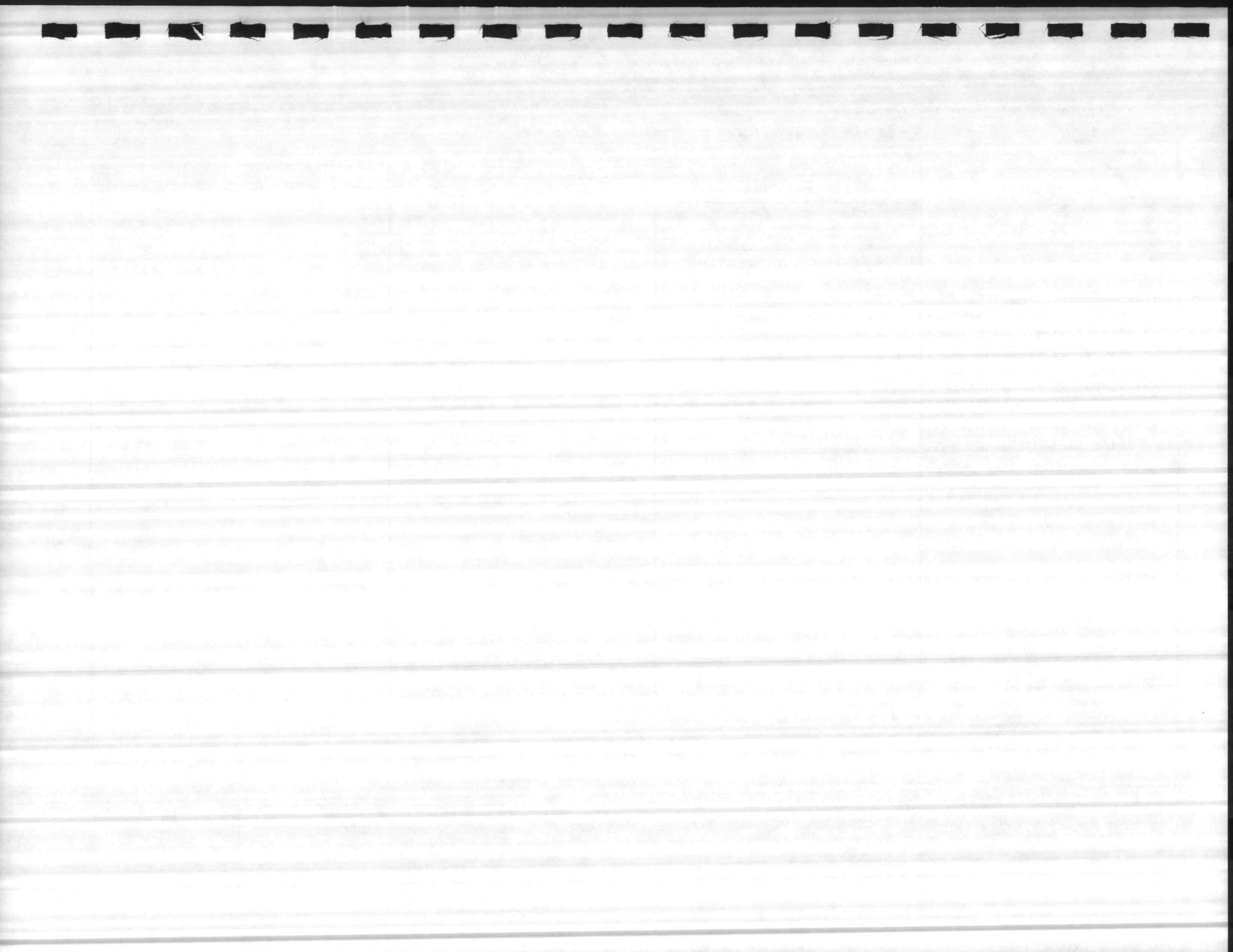
LFRTS-P-0001





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

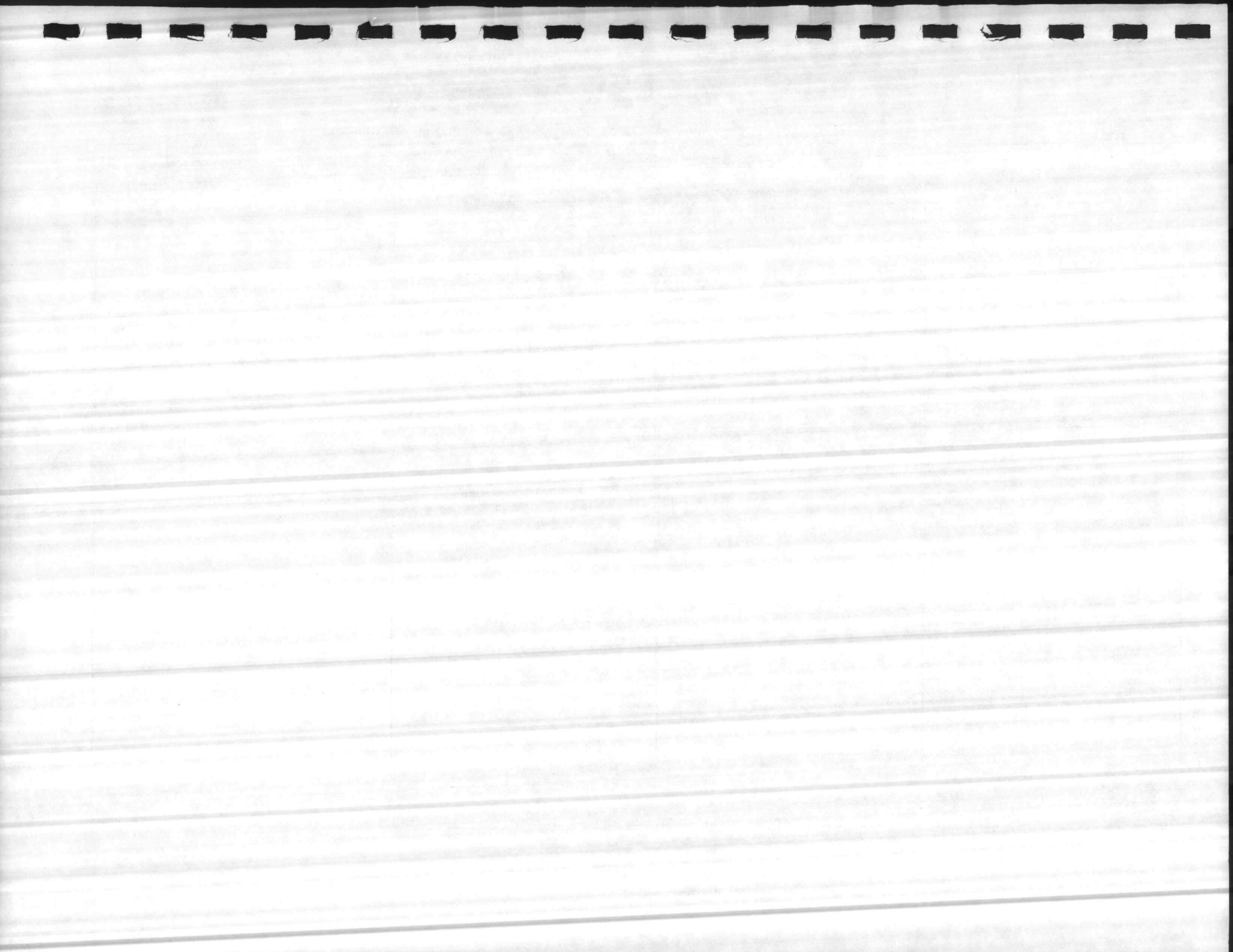
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

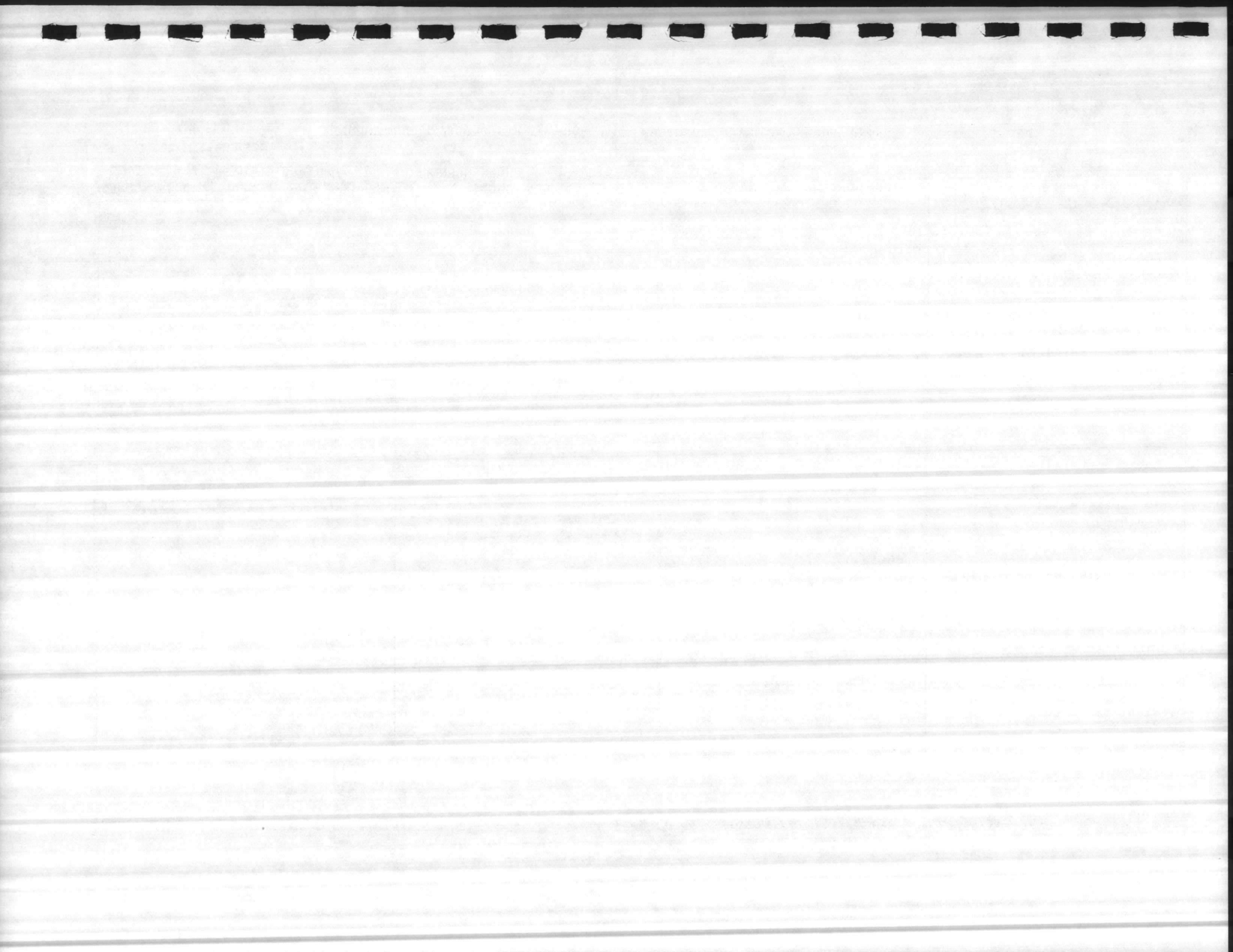
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position only		
Climate Seasonal..... X Tropic..... Temperate..... Arctic..... Desert..... All-Weather (Indoor)..... Other.....		NOT APPLICABLE	NOT APPLICABLE
Terrain Type Percentage Mountainous..... Percentage Rolling..... 20 Percentage Swamp..... Percentage Desert..... Percentage Beach..... Percentage Level..... 80 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)

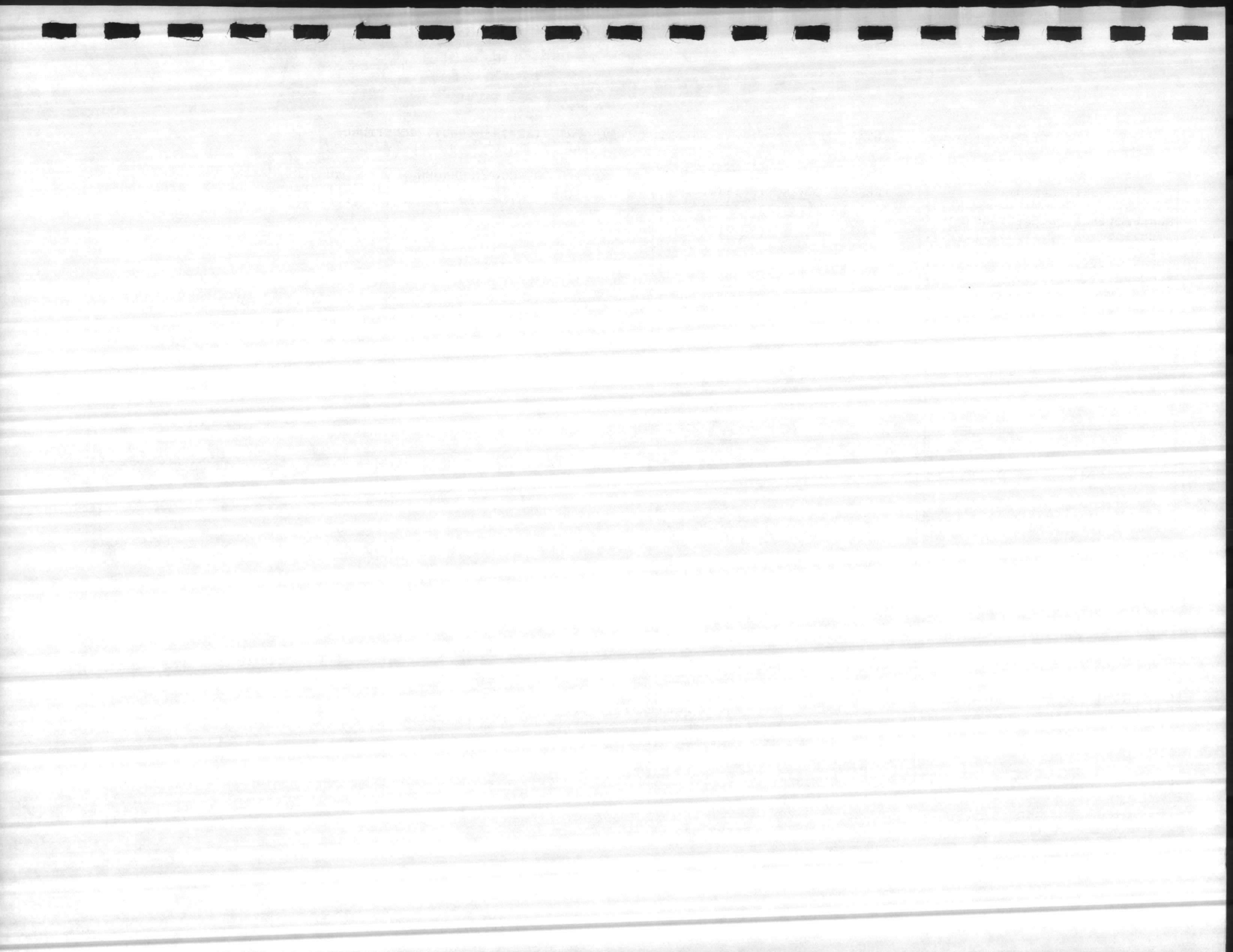
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	40	.....	
Percentage Sparse.....	20	.....	
Percentage Moderate.....	40	.....	
Percentage Heavy.....		.....	
Access			
No. of Land Access Routes...	3	.....	
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).....	15	.....	
Ammunition (km).....	NA	.....	
Rations (km).....	15	.....	
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	
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	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.....	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	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		

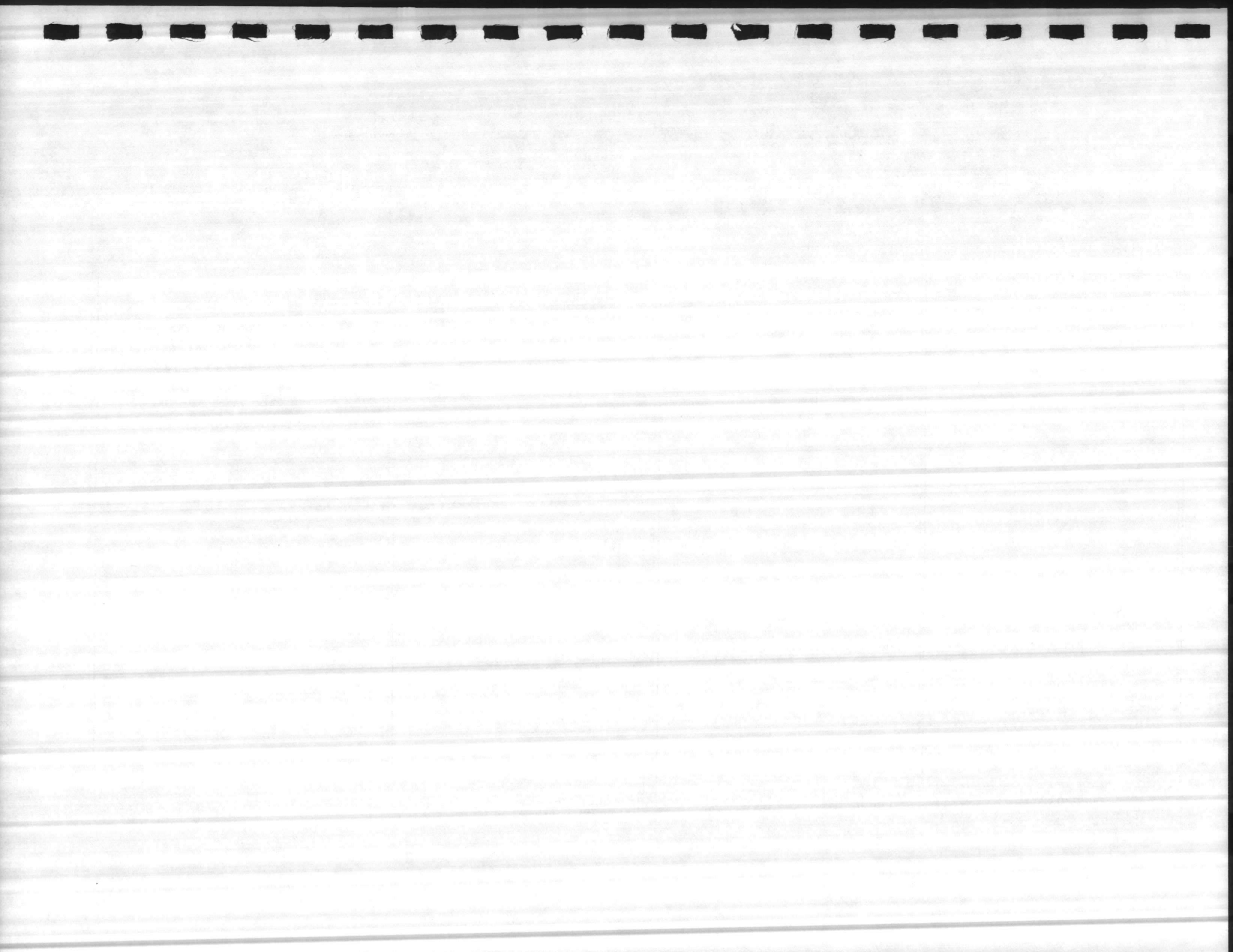
FILE NAME: LP010113

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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: GP-54, MCB, Camp Lejeune, NC

Gun 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)	80 X 80 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP75743514		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing Area.....			

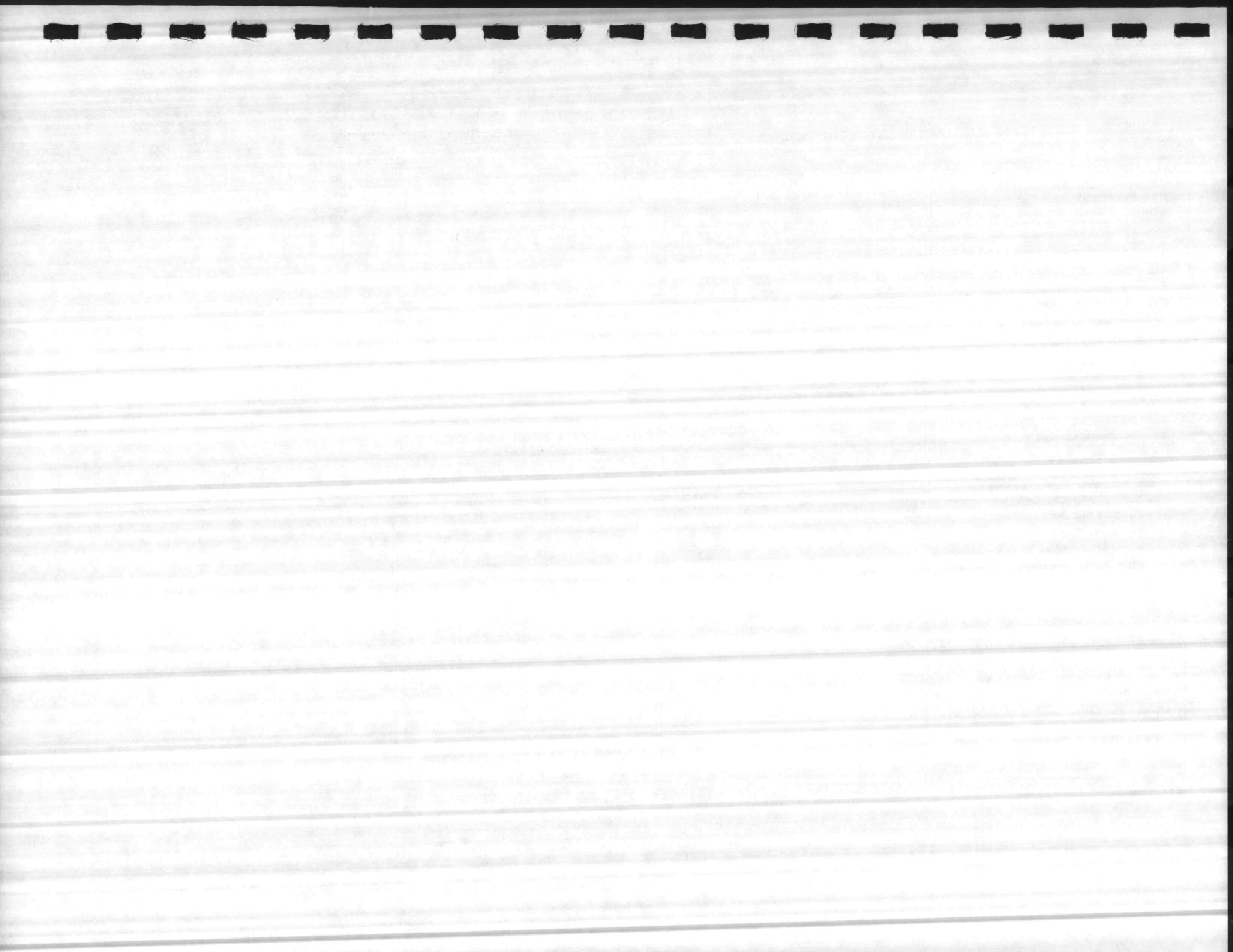
FILE NAME: LP010114

PAGE 1 OF 6 DATE: 03/05/87

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

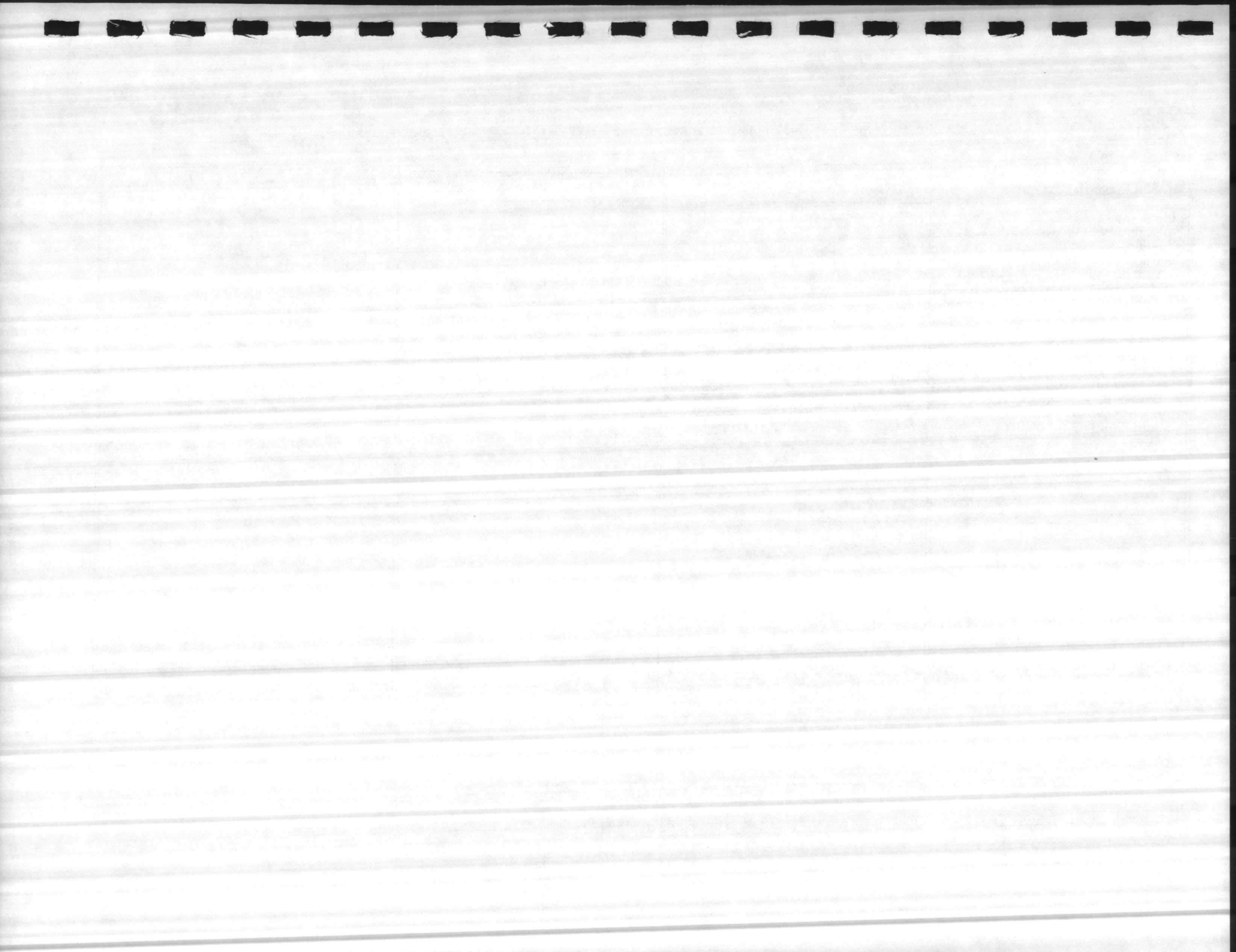
LFRTS-P-0001





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

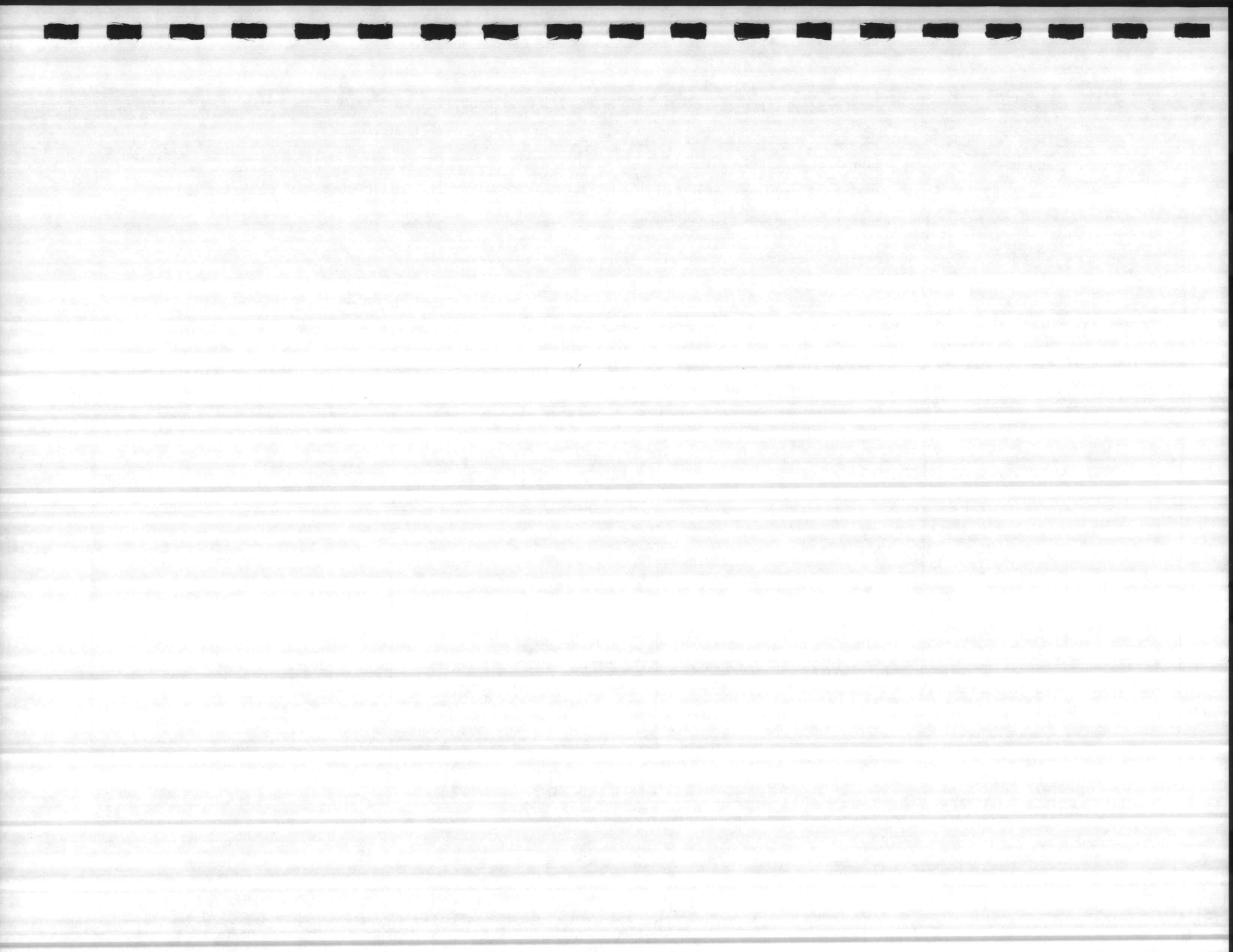
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Facilities (continued) Demonstration Area..... Head Facility..... Ammunition Bunker..... Water System..... Electrical System..... Classroom..... Bivouac Site..... 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)

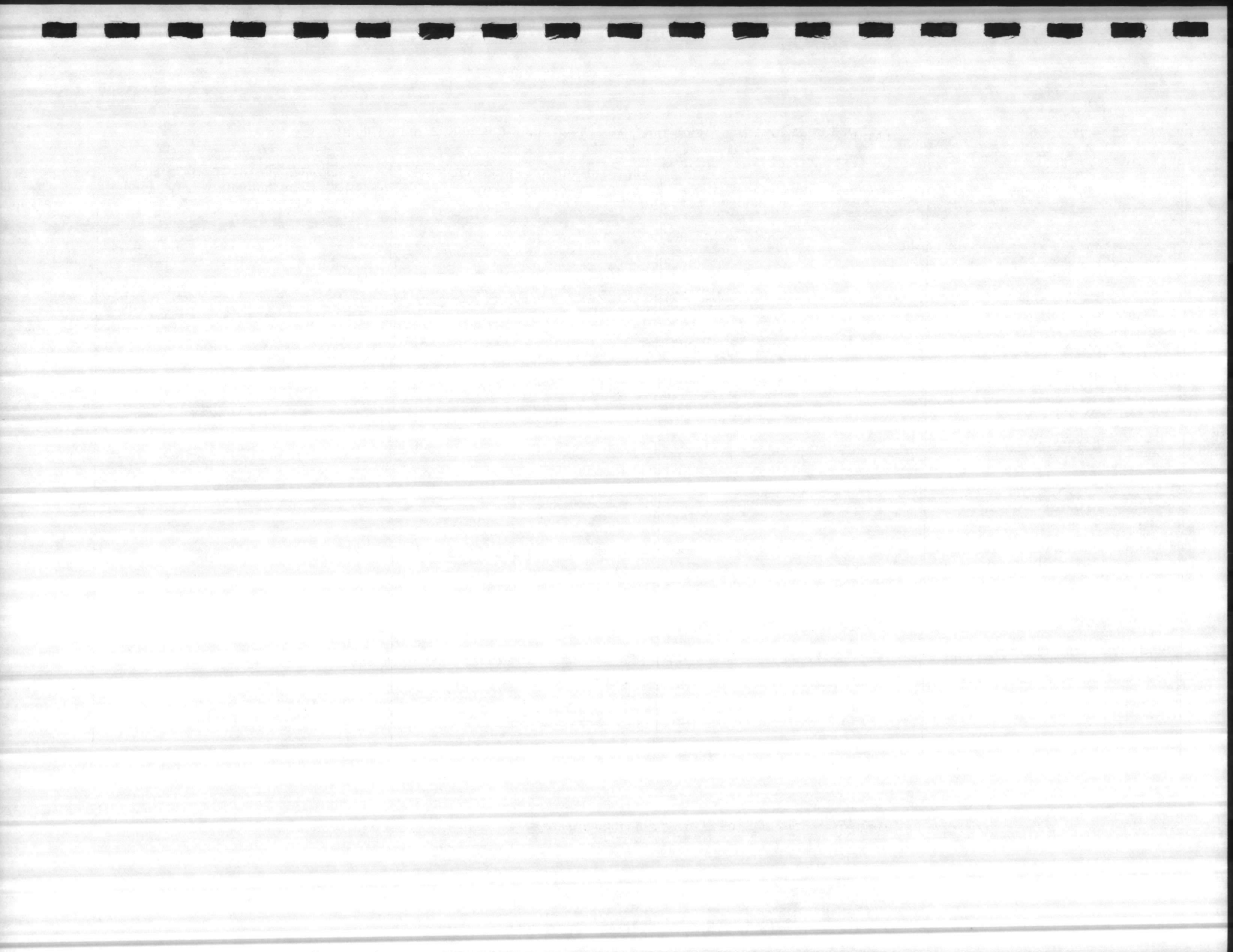
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Weapon Types Used on the Range	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position only		
Climate Seasonal..... X Tropic..... Temperate..... 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)

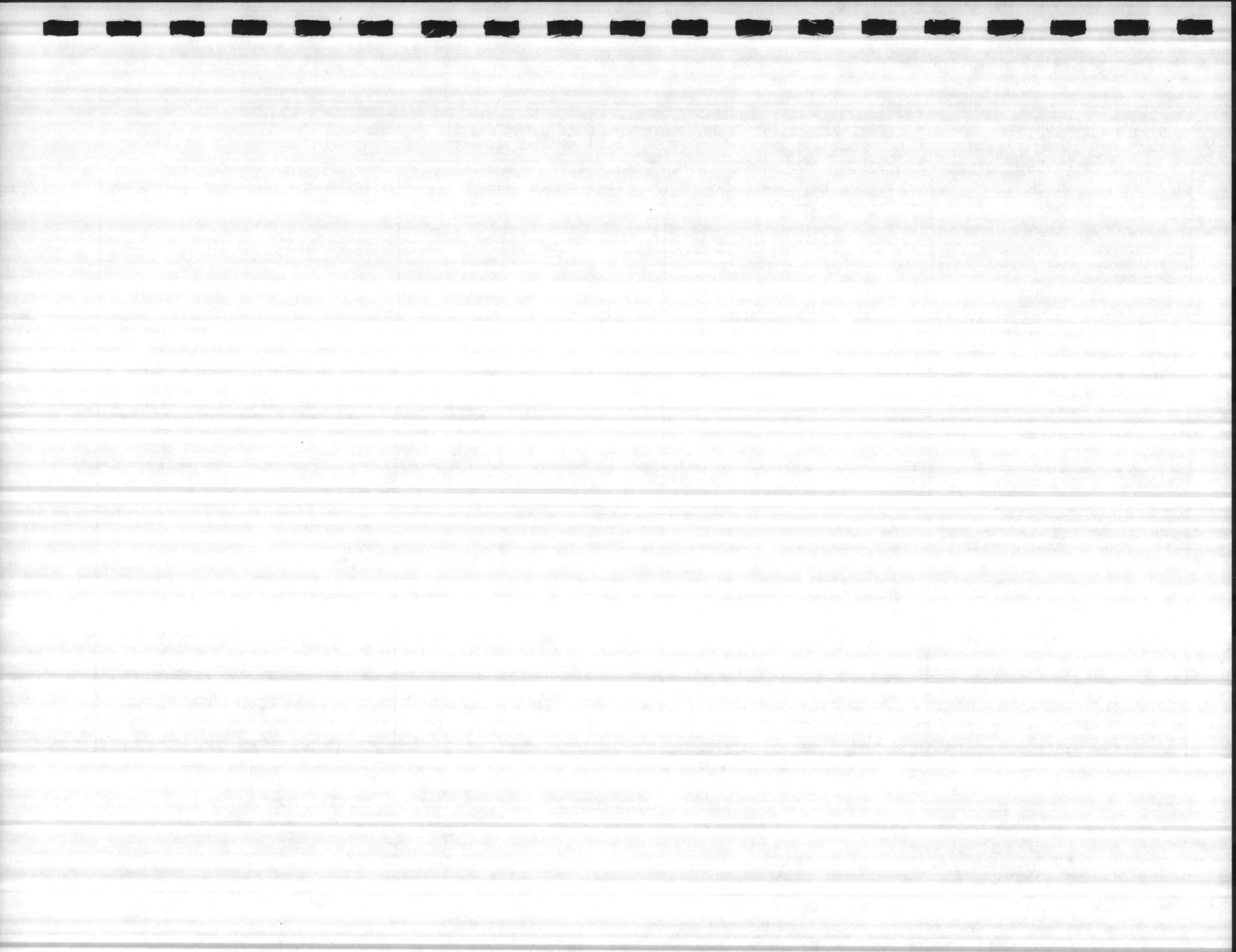
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation			
Percentage None.....	20	.....	.....
Percentage Sparse.....	20	.....	.....
Percentage Moderate.....	60	.....	.....
Percentage Heavy.....		.....	.....
Access			
No. of Land Access Routes...	2	.....	.....
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).....	12	.....	.....
Ammunition (km).....	NA	.....	.....
Rations (km).....	12	.....	.....
List Capacity of an 8-Hour Training Day. Specify:			
Unit of Measure, e.g.,			
No. of Individuals.....	Undefined	.....	.....
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	Yes		



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

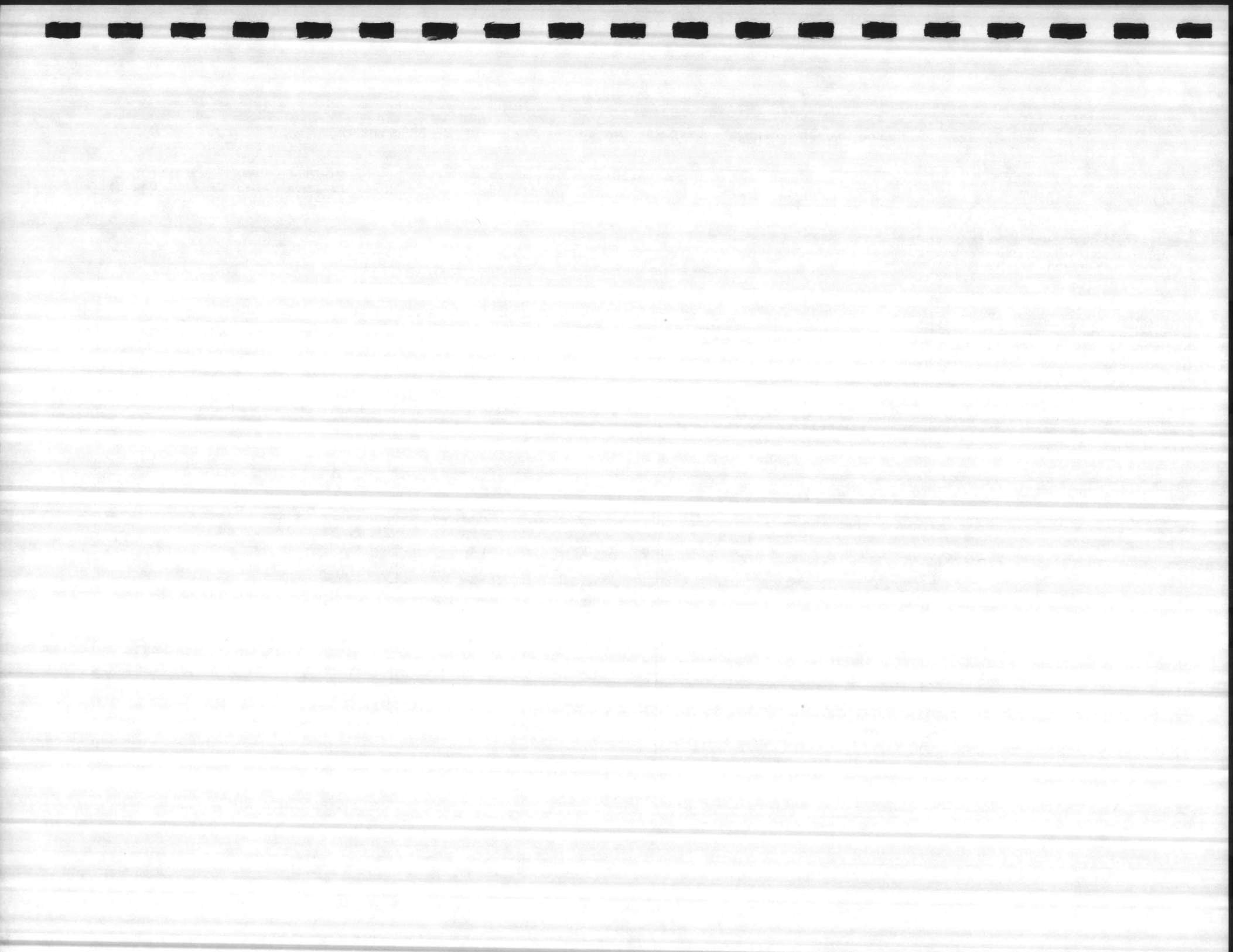
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... Maintenance..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....	10 ..... 10 ..... ..... ..... ..... ..... .....	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	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

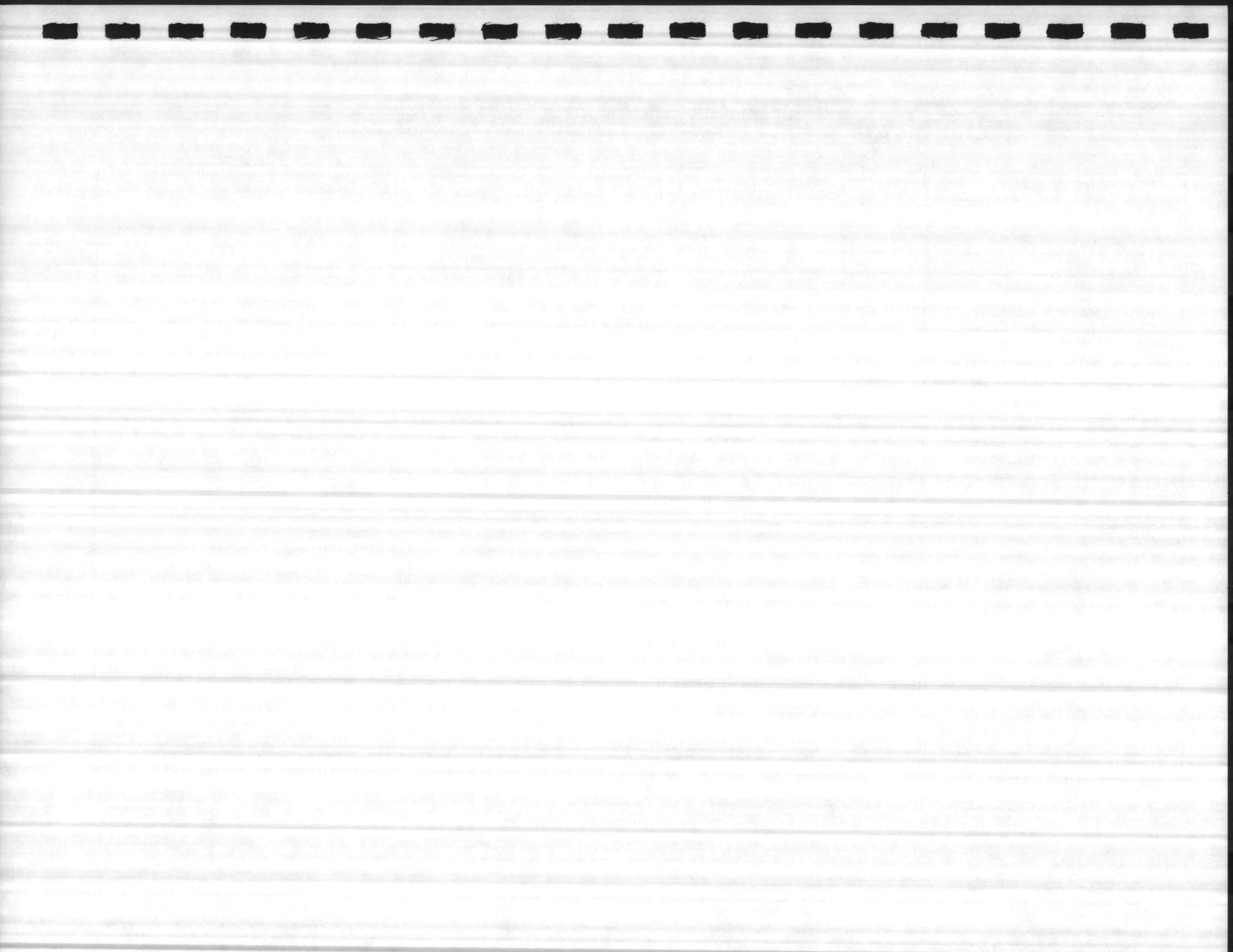
RANGE NAME AND LOCATION: GP-55, MCB, Camp Lejeune, NC  
 Gun Position

INSTRUCTIONS:

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

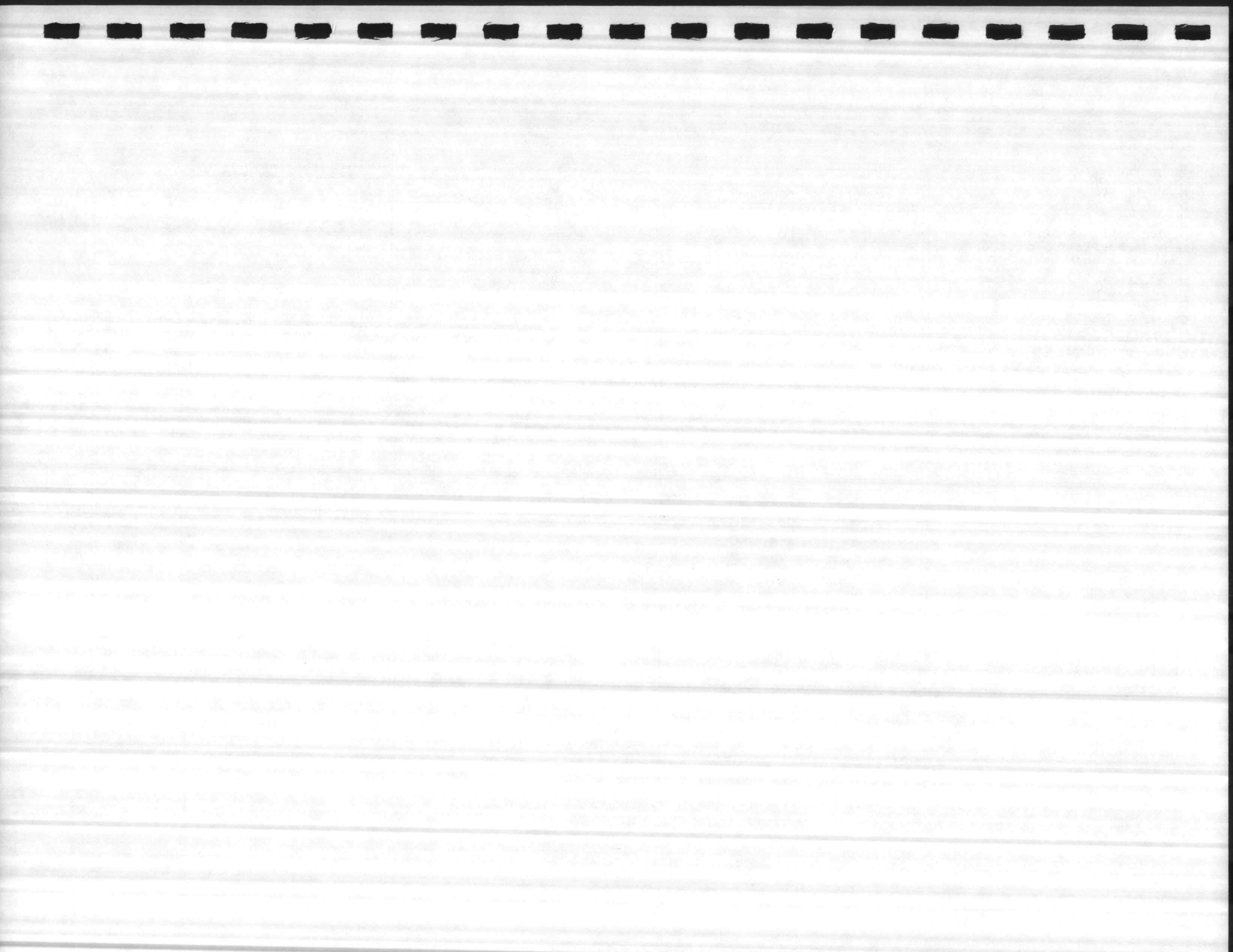
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Range Shape and Dimensions Dimensions (km)	70 X 100 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP75983470		
Safety Buffer	NA		
Rear (km).....			
Sides (km).....			
Altitude (ft).....			
Number of Firing Points/ Stations	6		
Range Facilities			
Control Tower.....			
Communications System.....			
Target Shed.....			
Utility Building.....			
Aid Station.....			
Parking Area.....			
Viewing 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)
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	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position only		
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: LP010115

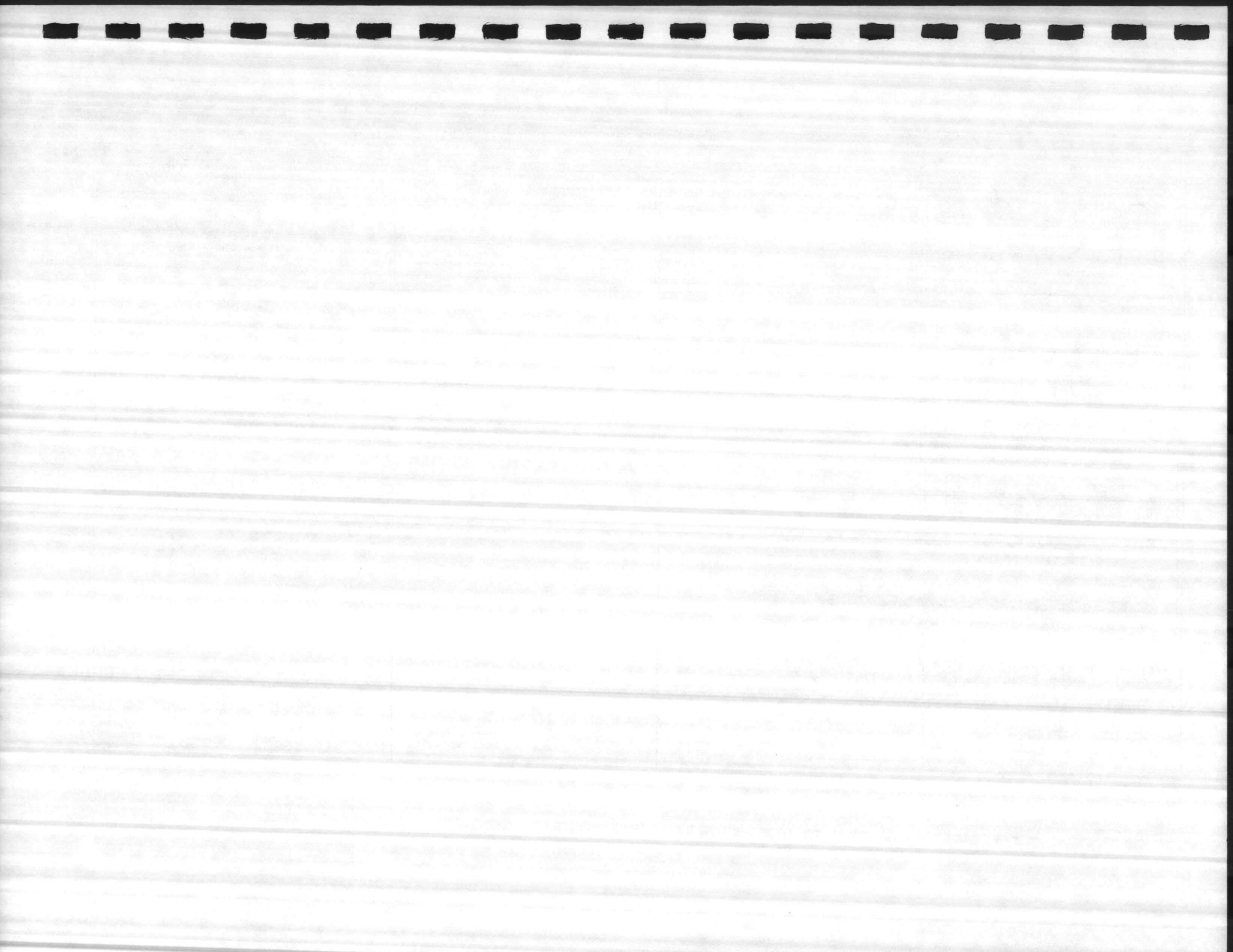
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DATE: 03/05/87

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

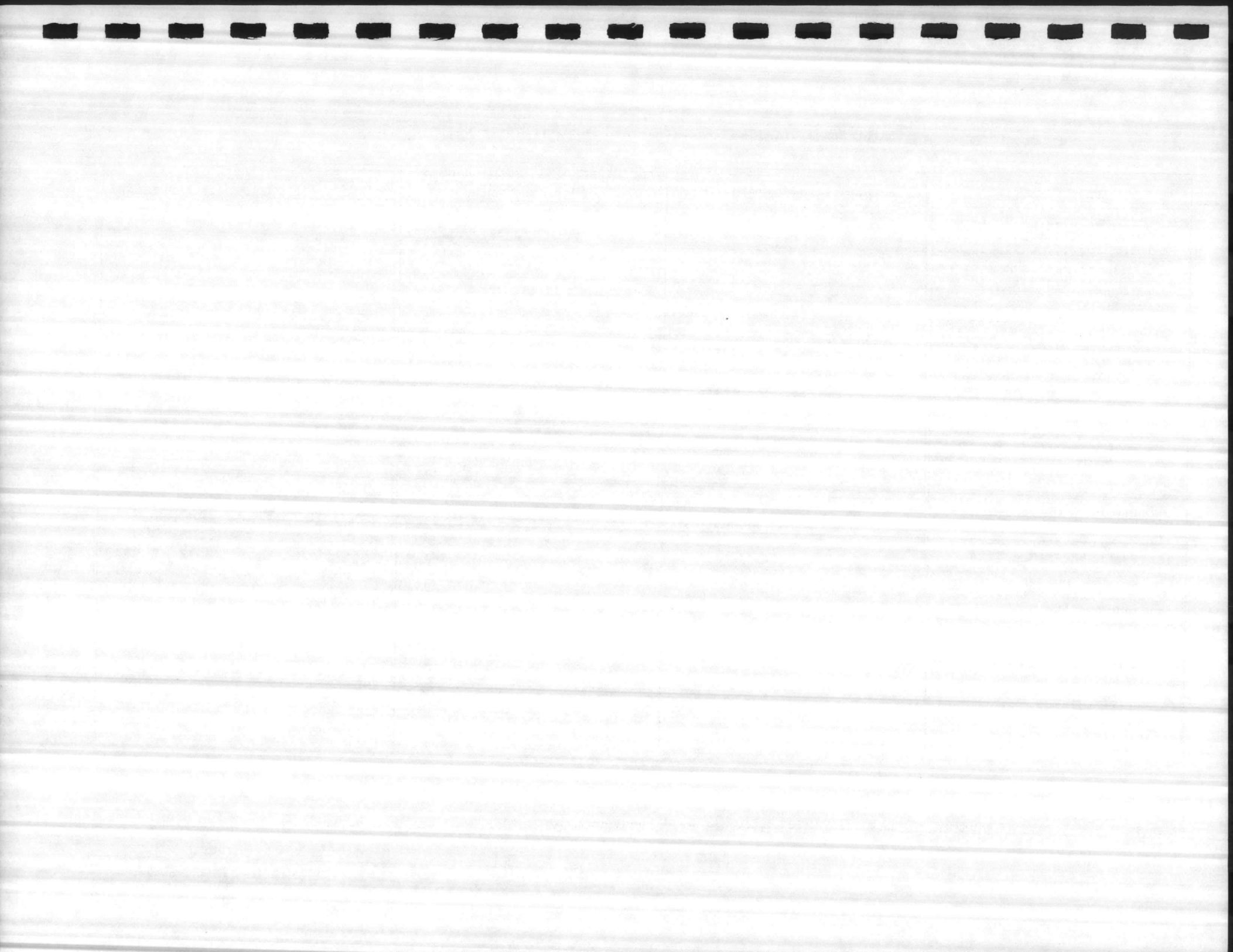
LFRTS-P-0001





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

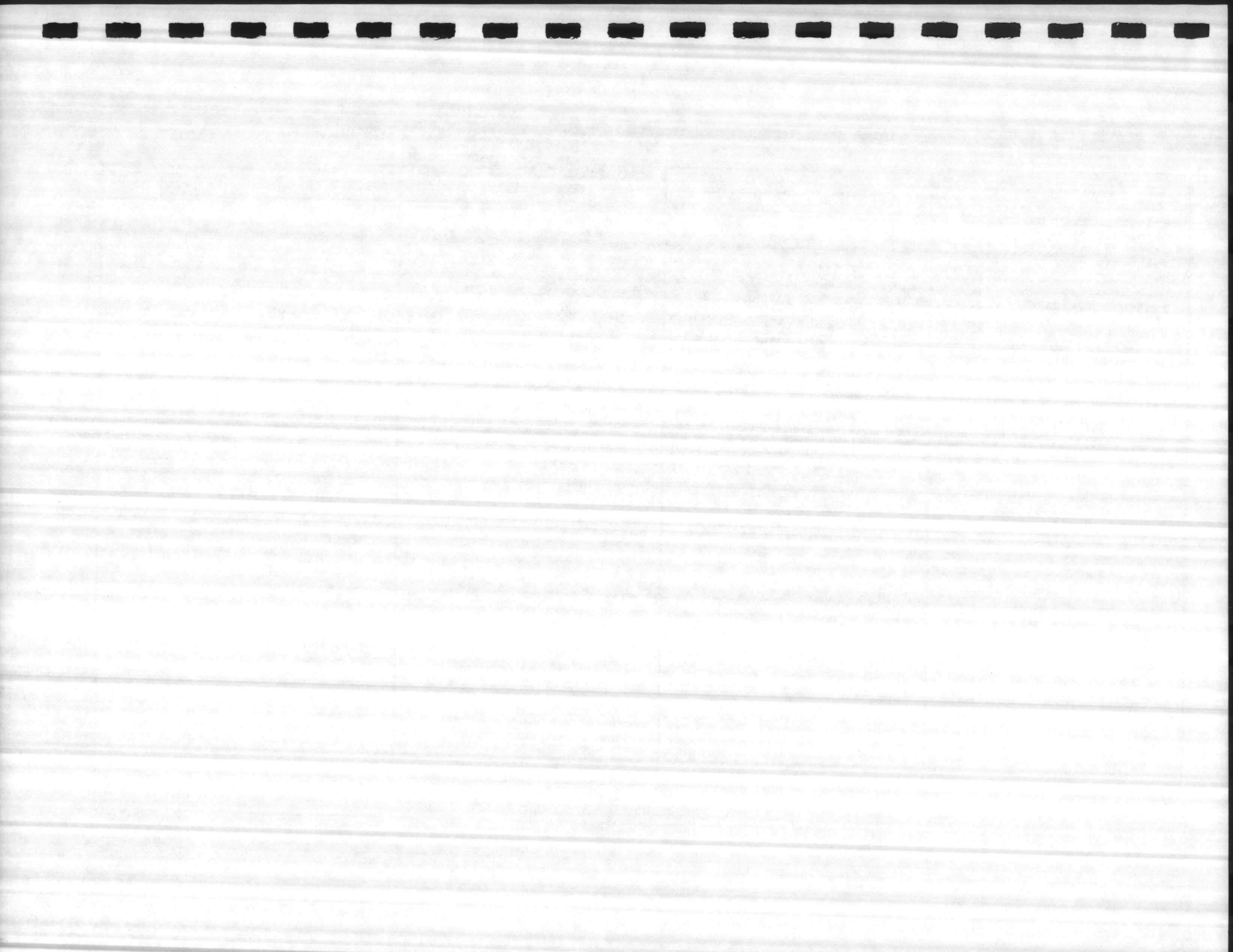
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	2		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	12 NA 12		
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	355		
Is Range/Facility Capable of Nighttime Use? Yes, No	Yes		



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

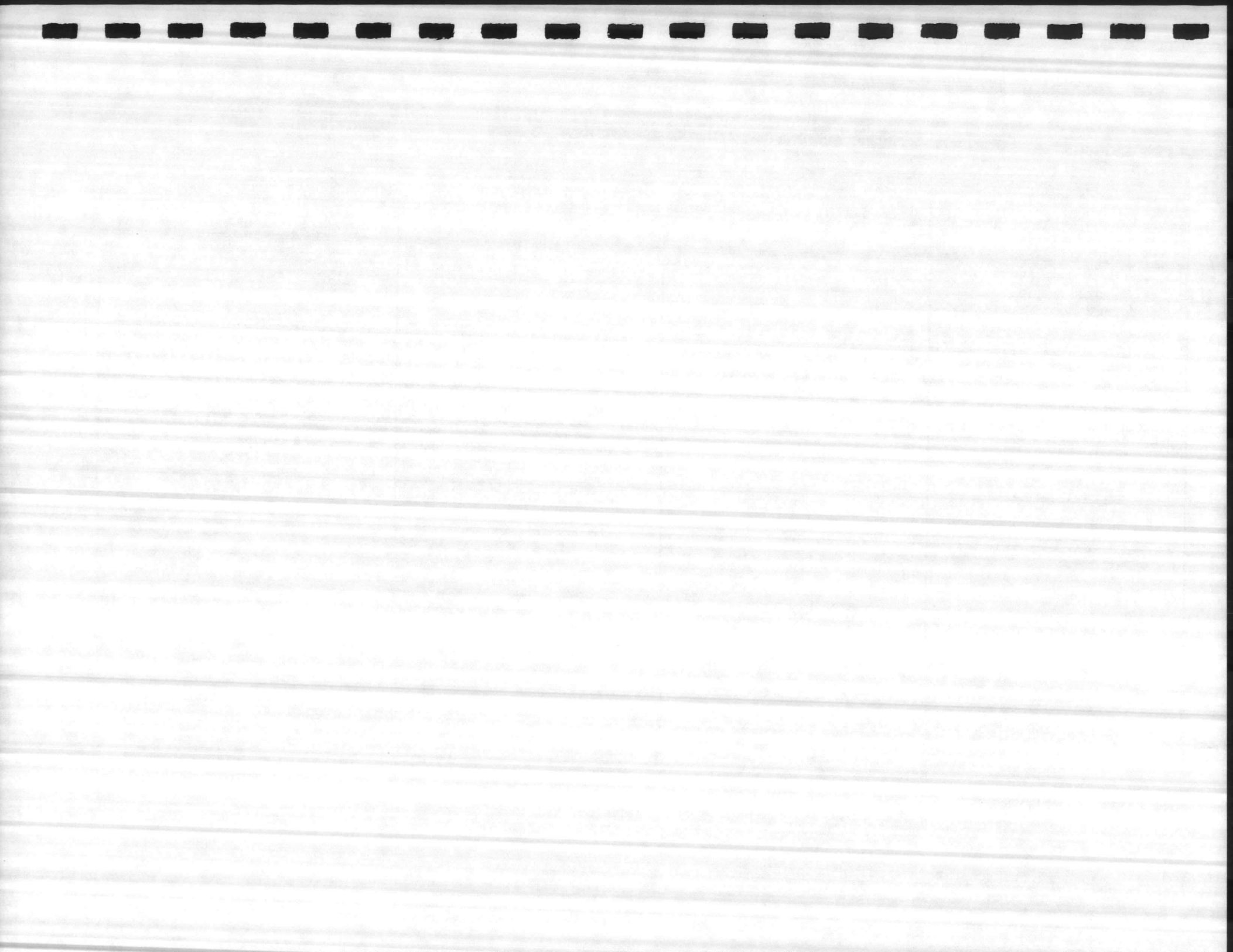
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Non-availability per Year Total..... 10 ..... 0 ..... 0 Maintenance..... 10 ..... Weather..... Budget..... Fire Condition/Weather..... Weekends/Holidays..... Other.....			
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 .....	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: GP-Owl, MCB, Camp Lejeune, NC

Gun 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)	75 yds X 100 yds		
Primary Direction of Fire	NA		
Associated Air Space	17,999 ft; 399 sq km		
Coordinates	TP76522857		
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.....			

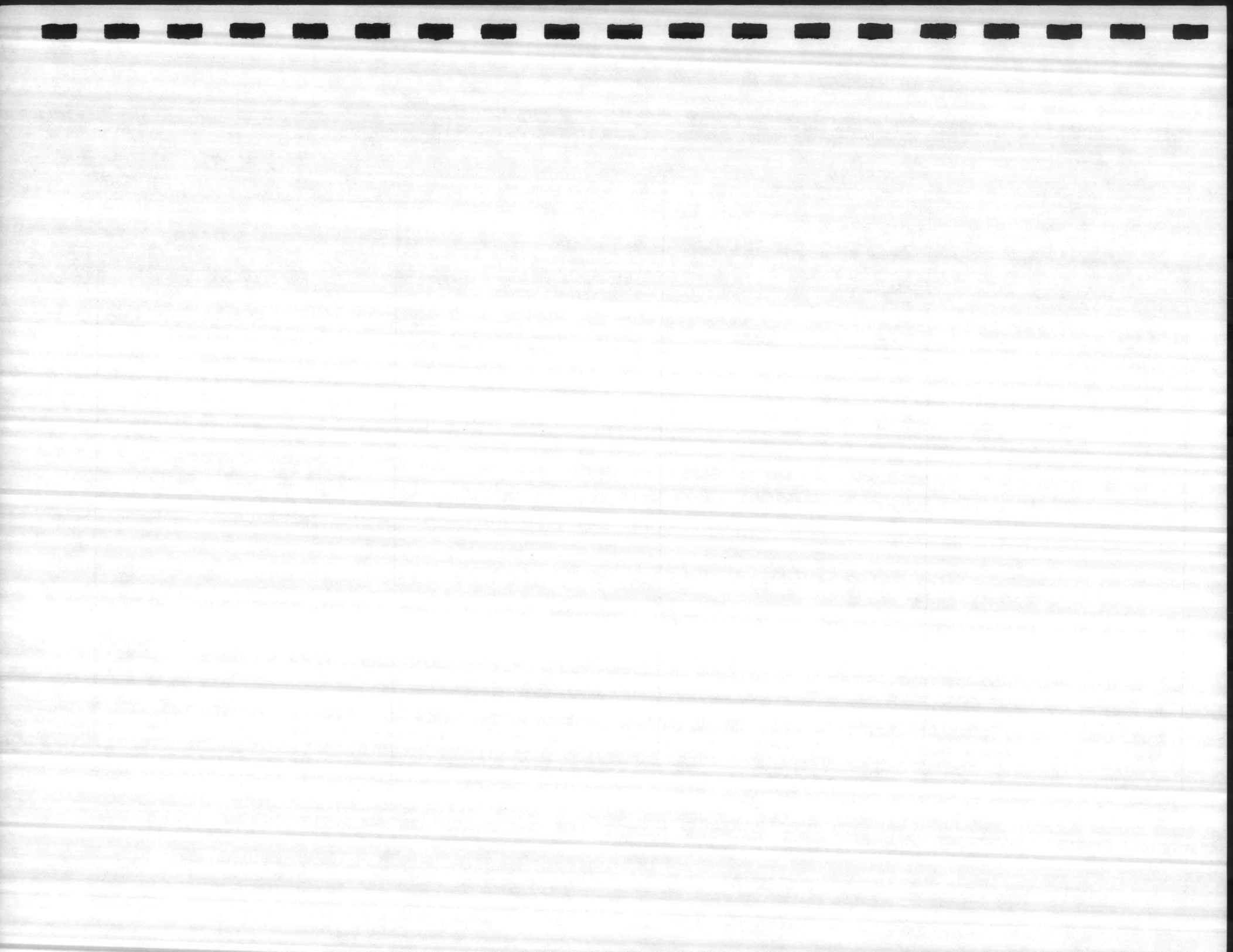
FILE NAME: LP010116

PAGE 1 OF 6 DATE: 03/05/87

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

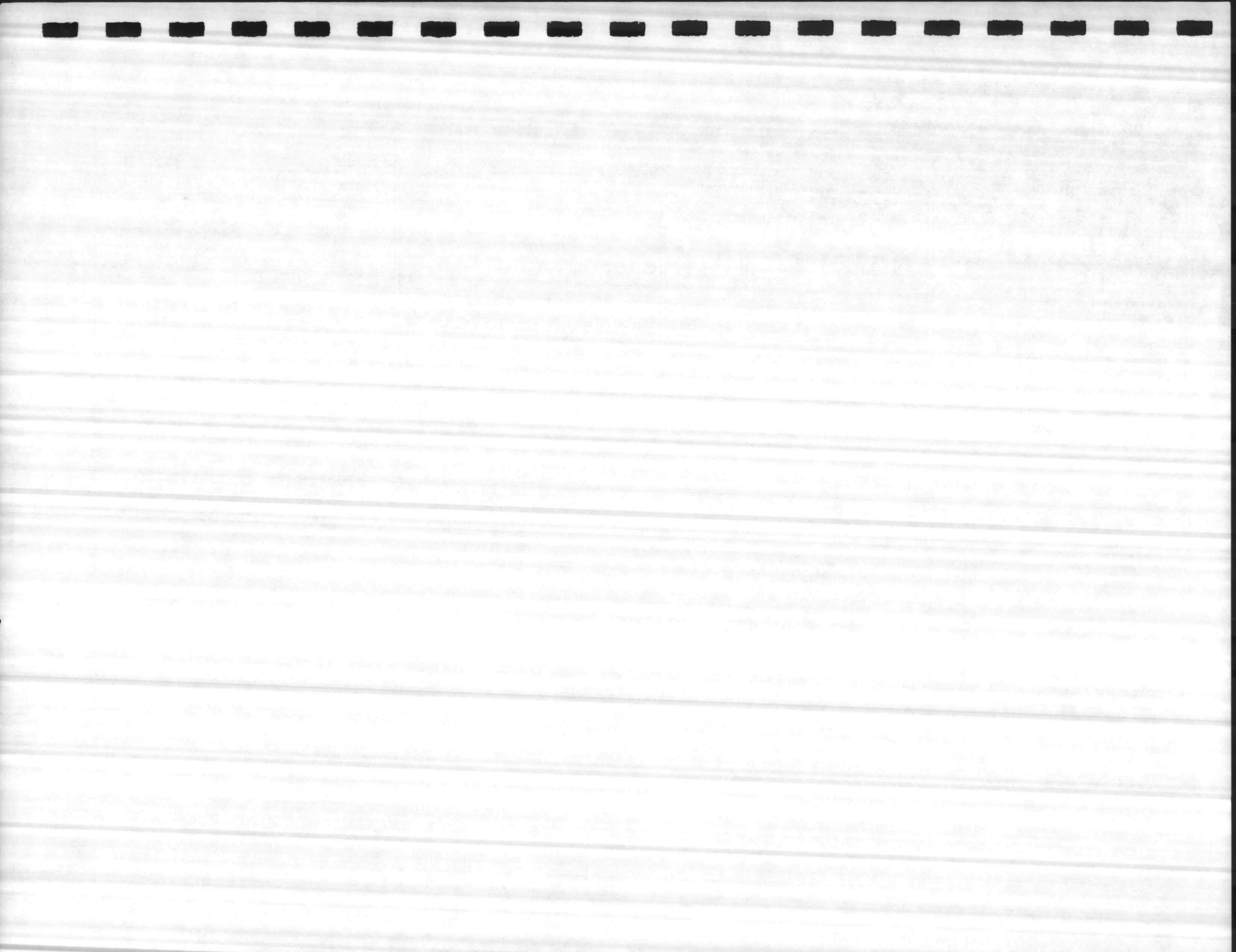
LFRTS-P-0001





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	No ammunition; Reconnaissance Survey Occupation Preparation (RSOP) of position only		
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: LP010116

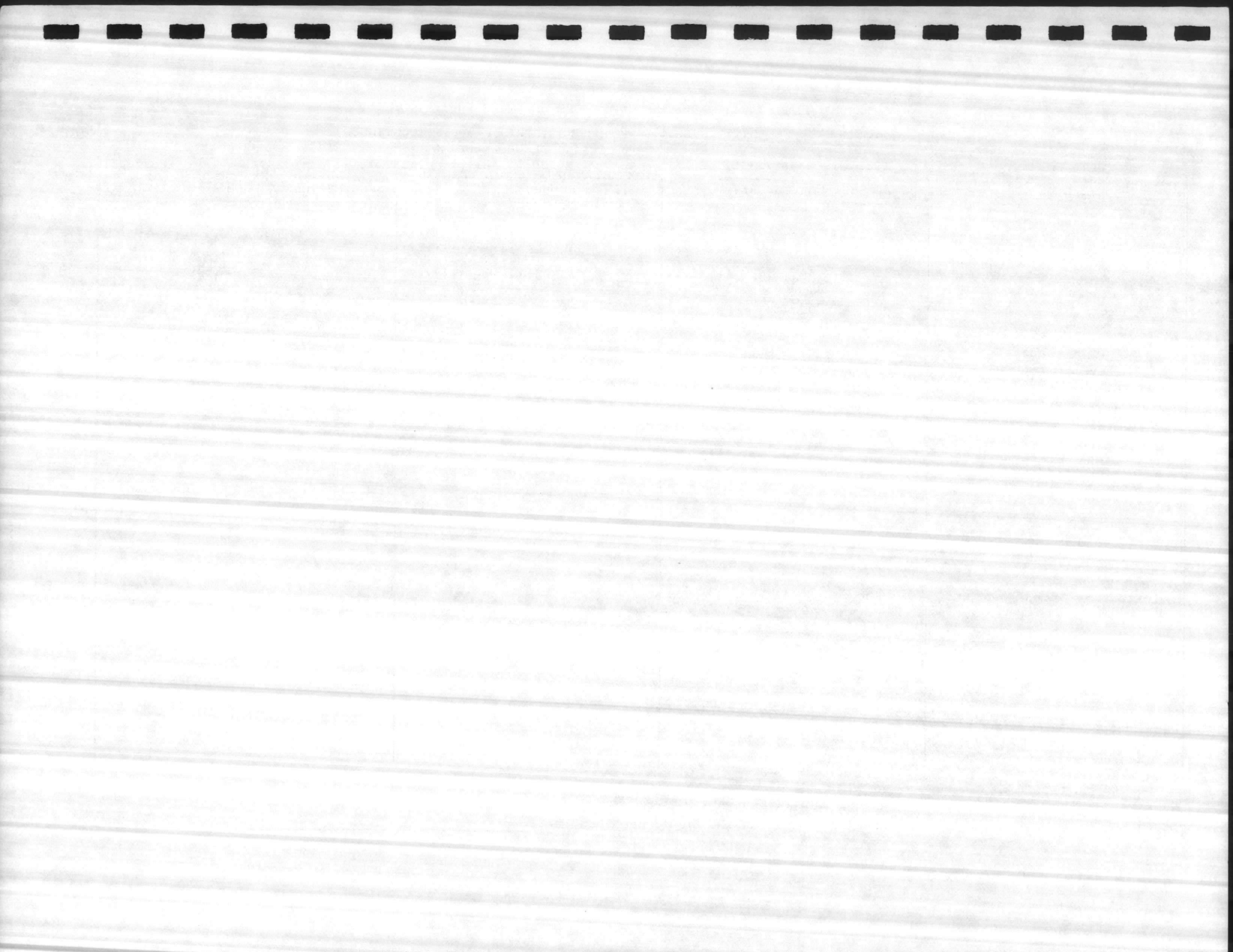
PAGE 3 OF 6

DATE: 03/05/87

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

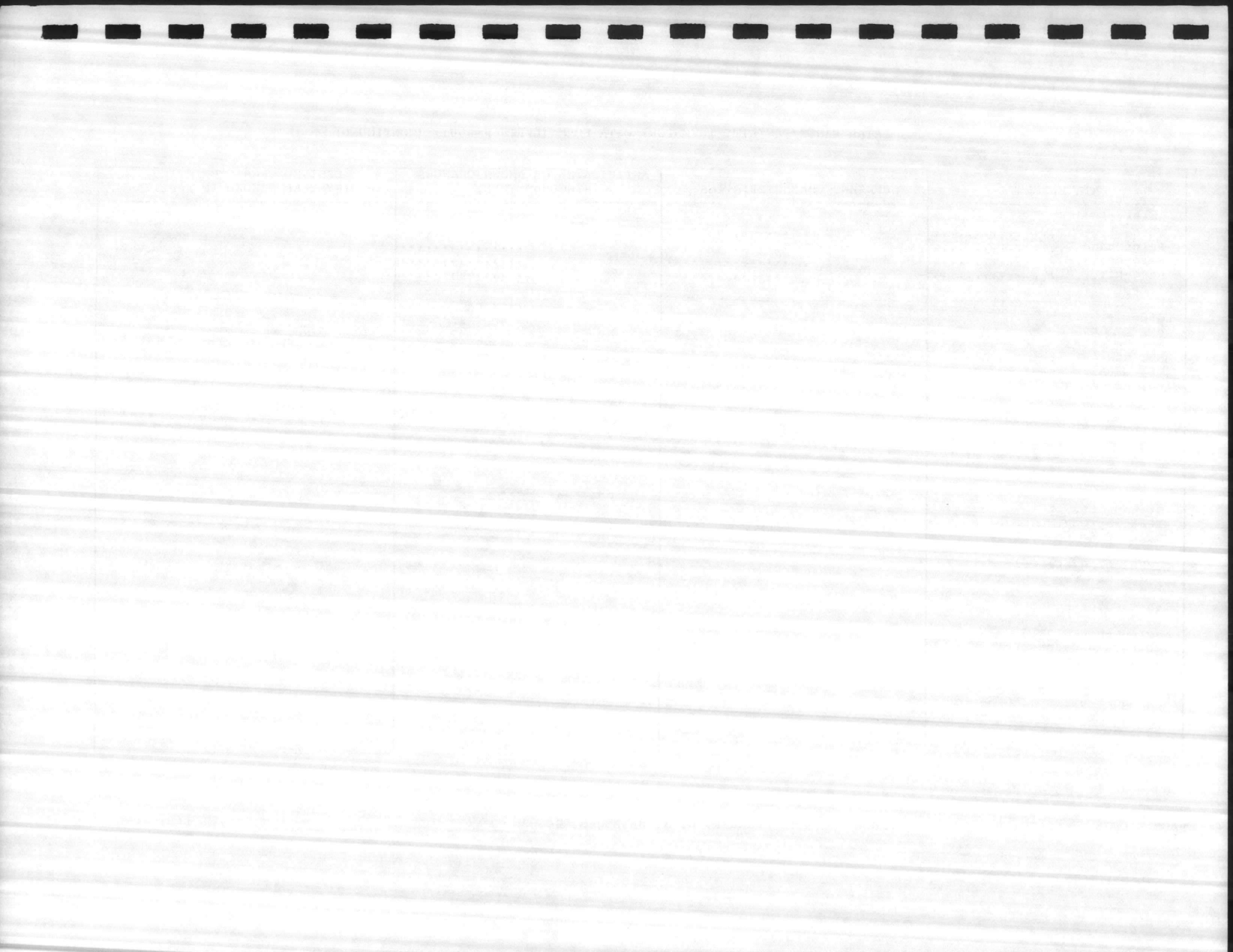
LFRTS-P-0001





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

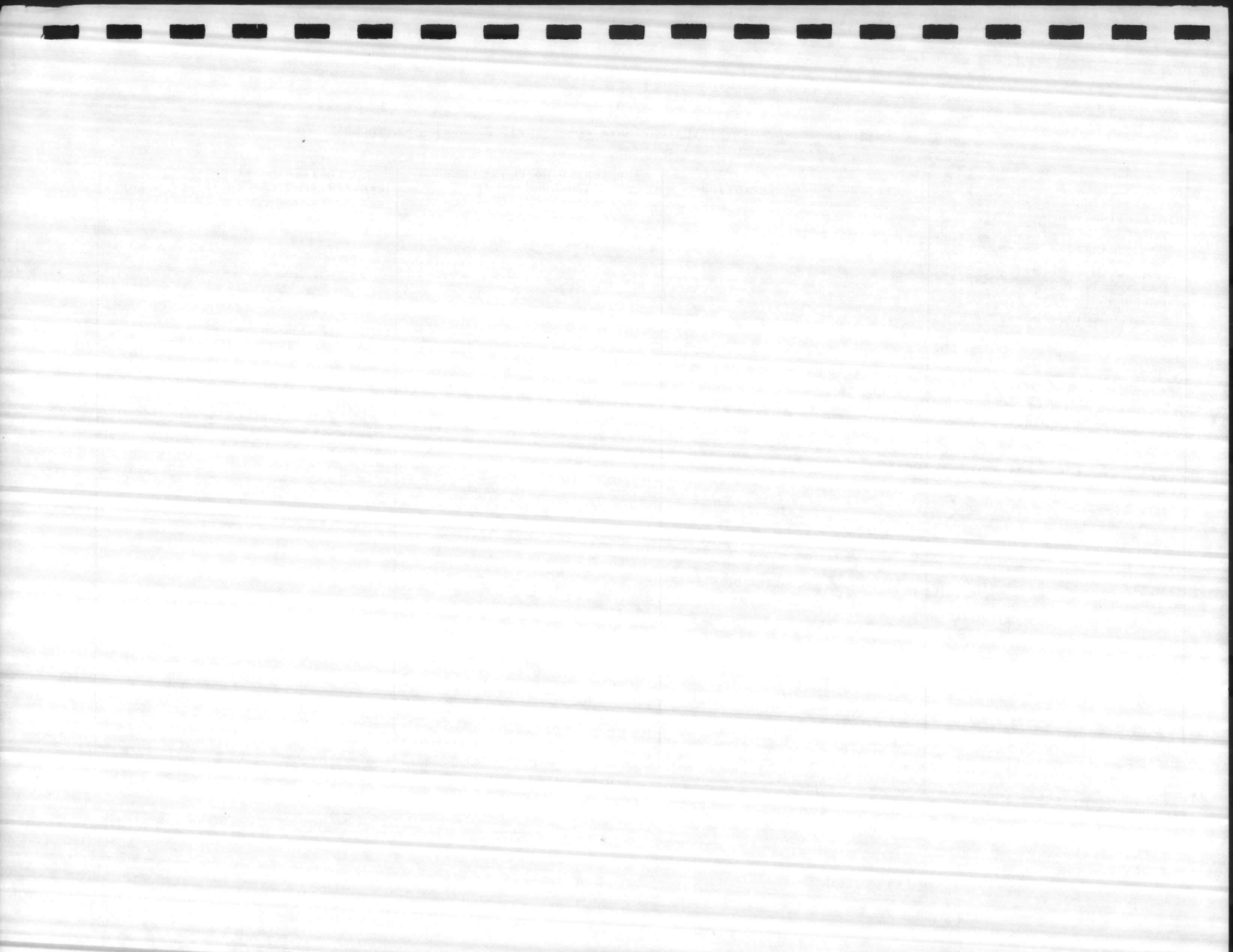
DATA ELEMENT	PRESENT CHARACTERISTICS	ANTICIPATED OR KNOWN CHANGES (INCLUDE YEAR)	DESIRED CHARACTERISTICS (SPECIFY YEAR NEEDED IF APPLICABLE)
Vegetation Percentage None..... Percentage Sparse..... Percentage Moderate..... Percentage Heavy.....	100		
Access No. of Land Access Routes... No. of Land Water Routes... No. of Air Ingress Routes... No. of Air Egress Routes... No. of Beach Access Areas...	2		
Distance from Supply Points POL (km)..... Ammunition (km)..... Rations (km).....	5 NA 5		
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	355		
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.....	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	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		

