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11330.1 Cathodic Pro-183

Section 1983

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11330.1 CATHODIC PROTECTION (83)

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Chap. 11, par. 11300(2) 2 years

DEPARTMENT OF THE NAVY
OFFICER IN CHARGE
NAVAL FACILITIES ENGINEERING COMMAND CONTRACTS
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO:

JAX/02/MLE/fao
N62470-81-C-3562
28 October 1982

From: Officer in Charge of Construction, Jacksonville, North Carolina Area
To: Base Maintenance Officer (Water Treatment Plant)

Subj: Contract N62470-81-C-3562, Repair and Paint Water Tanks, MCB, Camp Lejeune, NC

Encl: (1) Cathodic Protection Settings

1. Enclosure (1), submitted by the Contractor under the subject contract, is forwarded for your use in the maintenance and operation of the facility.

M. L. Ennett

M. L. ENNETT
By direction

Received By: _____ Date: _____

(sign and return enclosed copy)

Copy to:

Contract folder w/o encl (signed copy)

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

Air Station

For: Camp Lejeune
Jacksonville N.C.

Job # 4130
Tank Size 350 M
Tank Location White Street

Rectifier # 9339 Output 60 Volts 28 Amps Manual Type _____
Year Model _____ Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	8	CI	8	OK
Ring # 2	4	CI	1	OK
Ring # 3	1	CI	36	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Operating OK Rusty Case but operable
Wiring: _____
Suspension: OK
Other: System operating O.K.

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	1100	6	1500	15	1560
0	1300	9	1550	18	1580
3	1450	12	1560	21	1550
				24- 1540	
				27- 1500	

30-1400

After inspection, the system was left operating at 1.5 amps to the bowl and .2 amps to the riser at 4 volts. Tap settings of A C 2 F 1100 potential.

To insure continous cathodic protection, maintain between 1 amps and 2 amps to the bowl. Maintain between .1 amps and .3 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

Kenneth R. Adams
S.C.P.

_____
Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp LeJunne
Jacksonville N.C.

Job # S7C 314
Tank Size 300m Elev.
Tank Location Force Troop

Rectifier # 7238 Output 20 Volts 18 Amps Man Type _____
Year Model ? Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of D C 4 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	8	CI	6	OK
Ring # 2	4	CI	1	OK
Ring # 3	1	CI	31	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Ammeter Bad Rectifier Works OK
Wiring: OK
Suspension:
Other: Output Very Small - No Readings Visible

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	700	6	1280		
8	1400	9	1260		
3	1300	12	1240		

After inspection, the system was left operating at .18 amps to the bowl and .1 amps to the riser at 1 volts. Tap settings of A C 1 F 1300 potential.

To insure continous cathodic protection, maintain between .1 amps and .2 amps to the bowl. Maintain between .1 amps and .2 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

Kenneth R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp Le June

Jacksonville N.C.

Job # 5-5

Tank Size 300m Elev

Tank Location 2nd Area

Rectifier # 4108 Output 18 Volts 15 Amps _____ Type _____
Year Model _____ Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	10	CI	8	OK
Ring # 2	5	CI	1	OK
Ring # 3	1	CI	31	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Bad Rectifier - To Be replaced
Wiring: Fair
Suspension: Fair
Other: Transformer has shorted together internally

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)

After inspection, the system was left operating at _____ amps to the bowl and _____ amps to the riser at _____ volts. Tap settings of _____C _____F _____potential.

To insure continous cathodic protection, maintain between _____ amps and _____ amps to the bowl. Maintain between _____ amps and _____ amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

Kenneth R. Adams
S.C.P.

_____
Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

S-TC-606

For: Camp LeJeune

Jacksonville N.C.

Job # Camp Geiger North

Tank Size 100m Cone Roof

Tank Location _____

Rectifier # 7236 Output 40 Volts 8.12 Amps Man Type _____
Year Model ? Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of A C 3 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	5	CI	6	OK
Ring # 2				OK
Ring # 3	1	CI	39	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: old but operable
Wiring: OK
Suspension: OK
Other: _____

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	1100	6	1200	15	1200
0	1200	9	1200	18	
3	1200	12	1200	21	

After inspection, the system was left operating at .5 amps to the bowl and .2 amps to the riser at 2 volts. Tap settings of A C 3 F 100 potential.

To insure continous cathodic protection, maintain between .4 amps and .7 amps to the bowl. Maintain between .1 amps and .4 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

_____
Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

S-TC-1070

For: Camp Lejunne
Jacksonville N.C.

Job # Camp Geiger South
Tank Size 100M Cone Roof
Tank Location

Rectifier # 81c 1215 Output 60 Volts 28 Amps manual Type
Year Model 1981 Manufacturer Godrall
Operating at amps to the bowl amps to the riser at volts.
Tap settings of C F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	5	CI	6	
Ring # 2				
Ring # 3	1	CI	39	
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Wide Range on Fine Taps
Wiring: OK
Suspension: OK
Other: Cleared Anode Skirted to spider Rod

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	950	6	1600	15	1700
0	1390	9	1650	18	1700
3	1500	12	1700	21	1700

off
on

After inspection, the system was left operating at .5 amps to the bowl and .2 amps to the riser at 2 volts. Tap settings of A C 1 F 950MV potential.

To insure continous cathodic protection, maintain between .4 amps and .7 amps to the bowl. Maintain between .1 amps and .3 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

Camp Lejeune

For: Tawara Terrace — Job # STT-40

On Base — Tank Size 250 m Elev.

Tank Location Tawara Terrace

Rectifier # 5630 Output 18 Volts 16 Amps Man Type ____
Year Model 60 Manufacturer Harco
Operating at 2 amps to the bowl .6 amps to the riser at 4 volts.
Tap settings of B C 1 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	8	CI	8	OK
Ring # 2	4	CI	1	OK
Ring # 3	1	CI	36	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: OK
Wiring: OK
Suspension: OK
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	800	6	1200	15	1500
0	1300	9	1300	18	1475
3	1300	12	1450	21	

After inspection, the system was left operating at 1.6 amps to the bowl and .3 amps to the riser at 2 volts. Tap settings of A C 3 F 950 potential.

To insure continous cathodic protection, maintain between .8 amps and .8 1.2 amps to the bowl. Maintain between .1 amps and 4 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

(1)

Midway Park
S.M.P.

For: Camp Le Jeune

Job # [redacted] - 4004

Tank Size 200 m Elev.

Jacksonville N.C.

Tank Location Midway Park

Rectifier # 80c2834 Output 40 Volts 20 Amps Man Type _____
Year Model 1980 Manufacturer Good-all
Operating at .5 amps to the bowl 1.5 amps to the riser at 10 volts.
Tap settings of B C 3 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	8	CI	8	OK
Ring # 2	4	CI	4	OK.
Ring # 3	1	CI	31	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: OK.
Wiring: OK
Suspension: ~~OK~~ Anodes were installed improperly. Anodes were
Other: Lying on Bottom of Tank. Reinstalled Anodes properly
Made new splices.

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
Off 0	2.0	4	3.0		
On 0	3.0	9	3.0		
3	3.0	12	3.0		

Rectifier was set too high Causing Excessive Readings. Reduced Output.

After inspection, the system was left operating at .5 amps to the bowl and .1 amps to the riser at 1 volts. Tap settings of A C 2 F 2.0 potential.

To insure continous cathodic protection, maintain between .4 amps and .6 amps to the bowl. Maintain between .1 amps and .2 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

Montfort Point

For: Camp Lejeune
Jacksonville N. C.

Job # 85-M-624
Tank Size 150 m Elev.
Tank Location Montford Point

Rectifier # 2210 Output 18 Volts 10 Amps Manual Type
Year Model Manufacturer Harco
Operating at amps to the bowl amps to the riser at
volts.
Tap settings of B C 1 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	6	CI	6	ok
Ring # 2				
Riser Ring # 3	1	CI	20	
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: OK
Wiring: OK
Suspension: OK
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
Off 0	900	6	1350	15	1300
On 0	1300	9	1325	18	1300
3	1350	12	1325		

After inspection, the system was left operating at .3 amps to the bowl and .1 amps to the riser at 1.5 volts. Tap settings of A C 1 F .950 potential.

To insure continous cathodic protection, maintain between .2 amps and .5 amps to the bowl. Maintain between .1 amps and .2 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

Capehart

For: Camp Lejeune
Jacksonville N.C.

Job # 5-830

Tank Size 300 m Elev.

Tank Location Housing Area C.

Rectifier # 5201 Output 36 Volts 16 Amps Man. Type _____
Year Model _____ Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of B C 5 F. Unit off on arrival.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	6	CI	9	OK
Ring # 2	3	"	1	OK
Ring # 3	1	"	32	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Positive Wires Crossed - Repaired operating OK
Wiring:
Suspension: OK
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
off	750				
0	1400	9	1500	18	1590
3	1400	12	1550	21	1580
6	1500	15	1560	24	1575

After inspection, the system was left operating at .5 amps to the bowl and .2 amps to the riser at 5 volts. Tap settings of A C 3 F 900 potential.

To insure continous cathodic protection, maintain between .4 amps and .8 amps to the bowl. Maintain between .1 amps and .3 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

July 1, 1982
Campbell St.

For: Camp LeJeune
Jacksonville N. C.

Job # Air Station #310
Tank Size 350 m Elev.
Tank Location Campbell St.

Rectifier # SIC1316 Output 40 Volts 12 Amps Manual Type _____
Year Model 1981 Manufacturer Good-all
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	8	CI	8	OK
Ring # 2	4	CI	1	OK
Ring # 3	1	CI	36	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: OK
Wiring: OK
Suspension: OK
Other: _____

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	900	6	1200	15	1190
0	1100	9	1200	18	1150
3	1150	12	1190	21	1150
				24	1150
				27	1100

Off on

After inspection, the system was left operating at 1.5 amps to the bowl and .4 amps to the riser at 3 volts. Tap settings of A C 2 F 1.000 potential.

To insure continous cathodic protection, maintain between 1 amps and 2 amps to the bowl. Maintain between .2 amps and .6 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

_____
Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp LeJunne

Job # S-1000

Tank Size 300 m Elev.

Tank Location Industrial Area

Rectifier # _____ Output _____ Volts _____ Amps _____ Type _____
Year Model _____ Manufacturer _____
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	10	CI	8	ok
Ring # 2	5	CI	1	ok
Ring # 3	1	CI	31	ok
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Operating ok Replaced D.C. fuse on Riser
Wiring: _____
Suspension: _____
Other: _____

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	820	6	1450	15	1350
ok on 0	1300	9	1450	18	1300
3	1420	12	1400	21	1280
				24	1250

After inspection, the system was left operating at 1.5 amps to the bowl and .3 amps to the riser at 4 volts. Tap settings of A C 3 F _____ potential.

To insure continous cathodic protection, maintain between 1 amps and 2 amps to the bowl. Maintain between .2 amps and .5 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

_____
Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp Le June
Jacksonville N.C.

Job # S-BB-25
Tank Size 100m Elev.
Tank Location Courthouse Bay

Rectifier # 4109 Output 18 Volts 10 Amps Man Type _____
Year Model _____ Manufacturer Hasco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	5	CI	6	
Ring # 2				
Ring # 3	1	CI	31	
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Rectifier Bad - Needs to be replaced due to old age
Wiring:
Suspension: O.K.
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
Off 0	1010	6	1180	15	1140
On 0	1140	9	1160	18	1150
3	1200	12	1150	21	

After inspection, the system was left operating at 2 amps to the bowl and 1 amps to the riser at 10 volts. Tap settings of C C 2 F 1040 potential.

To insure continous cathodic protection, maintain between 1 amps and 3 amps to the bowl. Maintain between .5 amps and 1.5 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K R Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp LeJeune
Jacksonville N.C.

Job # S-RR-44
Tank Size 100m Elev.
Tank Location Rifle Range

Rectifier #SCC 2835 Output 40 Volts 20 Amps Manna Type _____
Year Model 1980 Manufacturer Hod-all
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of B C 4 F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	5	CI	6	OK
Ring # 2				OK
Ring # 3	1	CI	31	OK
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: operating OK
Wiring:
Suspension: All O.K.
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	600	6	1550	15	1620
0	1450	9	1600	18	1700
3	1500	12	1600	21	1700

After inspection, the system was left operating at 1.5 amps to the bowl and .3 amps to the riser at 3 volts. Tap settings of A C 3 F 1.0 potential.

To insure continous cathodic protection, maintain between 1 amps and 2 amps to the bowl. Maintain between .2 amps and .5 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K. R. Adams
S.C.P.

Customer

SOUTHERN CATHODIC PROTECTION
P.O. Box 245
Danielsville, Georgia 30633
(404)795-3142

For: Camp Le Jeune
Jacksonville N.C.

Job # 5-29
Tank Size 300 M Elev.
Tank Location 50 Area

Rectifier # 4106 Output 18 Volts 15 Amps Manual Type _____
Year Model _____ Manufacturer Harco
Operating at _____ amps to the bowl _____ amps to the riser at _____ volts.
Tap settings of _____C _____F.

Anodes	Strings	Type	Sections	Conditions
Ring # 1	10	CI	8	
Ring # 2	5	CI	1	
Ring # 3	1	CI	31	B
Ring # 4				

SYSTEM CONDITION

All components were inspected and the following conditions exist:

Rectifiers: Bad Tap - Rectifier set higher than Needed / Cannot be Adjusted.
Wiring:
Suspension: OK
Other:

POTENTIAL PROFILE

The following readings were obtained utilizing a high-impedance millivolt meter and a copper-copper sulphate reference electrode.

Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)	Feet Off Bottom	Potential (mv)
0	900	6	2000	15	2000
0	1700	9	2100	18	1900
3	1900	12	2000	21	1900

After inspection, the system was left operating at 1.5 amps to the bowl and 4 amps to the riser at 4 volts. Tap settings of B C 1 F .900 potential.

To insure continous cathodic protection, maintain between 1 amps and 2 amps to the bowl. Maintain between .3 amps and .6 amps to the riser on manual systems.

DO NOT ADJUST AUTOMATIC SYSTEMS WITH OUT PROPER INSTRUCTIONS.

K R Adams
S.C.P.

Customer

Typed 9/27/83 RW

CATHODIC PROTECTION WATER TANK REPORT

Sept. 83'

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.0	0.2
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.5	0.1
COURTHOUSE BAY	SBB-25	1.5	0.4
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	1.2	0.4
MONTFORD POINT	SM-624	0.4	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.5	0.4
AREA NO. 2	S-5	1.5	0.3
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	1.0	0.2
FORCE TROOPS	SFC-314	1.0	0.3
MCAS	S-4130	1.5	0.3
MCAS	S-310	1.2	0.3

Dupt 8/29/83 RN

CATHODIC PROTECTION WATER TANK REPORT

August 83

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	0.8	0.2
TARAWA TERRACE	STT-40	0.5	0.2
CAMP GEIGER	STC-1070	0.4	0.1
CAMP GEIGER	STC-606	0.3	0.1
COURTHOUSE BAY	SBB-25	1.5	0.3
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	1.3	0.5
MONTFORD POINT	SM-624	0.6	0.2
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.5	0.2
AREA NO. 2	S-5	1.3	0.3
PARADISE POINT	S-2323	1.0	0.3
MIDWAY PARK	S-4004	1.0	0.2
FORCE TROOPS	SFC-314	0.6	0.2
MCAS	S-4130	1.3	0.3
MCAS	S-310	1.2	0.3

CATHODIC PROTECTION WATER TANK REPORT

July 83

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.0	0.2
TARAWA TERRACE	STT-40	0.5	0.2
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.3	0.1
COURTHOUSE BAY	SBB-25	1.5	0.5
RIFLE RANGE	SRR-44	1.2	0.2
ONSLOW BEACH	SBA-108	1.2	0.5
MONTFORD POINT	SM-624	0.5	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.0	0.3
AREA NO. 2	S-5	1.2	0.4
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	1.2	0.2
FORCE TROOPS	SFC-314	0.6	0.2
MCAS	S-4130	1.4	0.3
MCAS	S-310	1.3	0.3

Dypst 8/1/83RN

Typed 6/[redacted]83 RN

CATHODIC PROTECTION WATER TANK REPORT

MAY 83

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.0	0.2
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070 N	0.5	0.1
CAMP GEIGER	STC-606 S	0.7	0.2
COURTHOUSE BAY	SBB-25	1.5	0.4
RIFLE RANGE	SRR-44	1.0	0.2
ONSLOW BEACH	SBA-108	2.5	1.0
MONTFORD POINT	SM-624	0.5	0.1
INDUSTRIAL AREA	S-1000	1.0	0.3
AREA NO. 5	S-29	0.8	0.2
AREA NO. 2	S-5	1.0	0.5
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	1.0	0.2
FORCE TROOPS	SFC-314	0.5	0.2
MCAS	S-4130 E	1.3	0.3
MCAS	S-310 W	1.2	0.2

Dupl 5/4/83 RW

CATHODIC PROTECTION WATER TANK REPORT

April 88

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	0.6	0.2
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.4	0.1
COURTHOUSE BAY	SBB-25	1.3	0.5
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	2.0	0.8
MONTFORD POINT	SM-624	0.4	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.0	0.3
AREA NO. 2	S-5	1.0	0.3
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	0.6	0.2
FORCE TROOPS	SFC-314	0.3	0.1
MCAS	S-4130	1.2	0.2
MCAS	S-310	1.2	0.3

2 ypsl
3/23/83

CATHODIC PROTECTION WATER TANK REPORT

MARCH 1983

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	0.8	0.2
TARAWA TERRACE	STT-40	0.8	0.2
CAMP GEIGER	STC-1070	0.4	0.1
CAMP GEIGER	STC-606	0.4	0.1
COURTHOUSE BAY	SBB-25	1.2	0.5
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	2.0	1.0
MONTFORD POINT	SM-624	0.5	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.0	0.3
AREA NO. 2	S-5	1.0	0.2
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	1.0	0.2
FORCE TROOPS	SFC-314	0.3	0.1
MCAS	S-4130	1.0	0.3
MCAS	S-310	1.0	0.3

Typed 2/23/83 RW

CATHODIC PROTECTION WATER TANK REPORT

Feb 83

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.0	0.2
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.5	0.1
COURTHOUSE BAY	SBB-25	1.5	0.5
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	2.0	1.0
MONTFORD POINT	SM-624	0.4	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	0.7	0.2
AREA NO. 2	S-5	0.6	0.2
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	0.8	0.2
FORCE TROOPS	SFC-314	0.2	0.1
MCAS	S-4130	1.0	0.2
MCAS	S-310	1.0	0.3

[redacted] Typed 1/5/[redacted]N

CATHODIC PROTECTION WATER TANK REPORT

Dec 82

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.0	0.3
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.5	0.1
COURTHOUSE BAY	SBB-25	1.2	0.4
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	2.0	0.8
MONTFORD POINT	SM-624	0.3	0.1
INDUSTRIAL AREA	S-1000	1.0	0.2
AREA NO. 5	S-29	1.0	0.2
AREA NO. 2	S-5	0.6	0.2
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	0.7	0.1
FORCE TROOPS	SFC-314	0.2	0.1
MCAS	S-4130	1.0	0.2
MCAS	S-310	1.2	0.3

Typed 12/1/82

CATHODIC PROTECTION WATER TANK REPORT

Nov 82

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.2	0.2
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.5	0.1
COURTHOUSE BAY	SBB-25	1.5	0.5
RIFLE RANGE	SRR-44	1.3	0.4
ONSLOW BEACH	SBA-108	1.8	0.7
MONTFORD POINT	SM-624	0.1	0.05
INDUSTRIAL AREA	S-1000	1.0	0.3
AREA NO. 5	S-29	1.0	0.3
AREA NO. 2	S-5	0.6	0.2
PARADISE POINT	S-2323	1.0	0.2
MIDWAY PARK	S-4004	1.0	0.2
FORCE TROOPS	SFC-314	0.2	0.1
MCAS	~~S-4130~~	1.2	0.2
MCAS	S-310	1.2	0.3

Typed 10/27/82 RD

CATHODIC PROTECTION WATER TANK REPORT

OCT 82

LOCATION	BLDG NO.	CKT.1	CKT.2
CAPEHART	S-830	1.5	0.1
TARAWA TERRACE	STT-40	0.5	0.1
CAMP GEIGER	STC-1070	0.5	0.1
CAMP GEIGER	STC-606	0.3	0.1
COURTHOUSE BAY	SBB-25	1.5	0.5
RIFLE RANGE	SRR-44	1.0	0.3
ONSLOW BEACH	SBA-108	2.5	1.0
MONTFORD POINT	SM-624	0.5	0.1
INDUSTRIAL AREA	S-1000	1.2	0.3
AREA NO. 5	S-29	1.2	0.3
AREA NO. 2	S-5	0.5	0.1
PARADISE POINT	S-2323	0.8	0.2
MIDWAY PARK	S-4004	0.6	0.2
FORCE TROOPS	SFC-314	.25	.13
MCAS	S-4130	1.2	0.2
MCAS	S-310	1.3	0.4