STATION BATTERY CHECKS

BATTERY TEST DATA

| SITE NAME: | | | | | | SO No | |
|------------|----------------|---------------|----------|-------------|-----------------|-------------|--|
| DATE: | | | | | | RACK No | |
| TECHNICIA | N: | | | | | | |
| | | | | | | | |
| BATTERY S | | | | | | | |
| MANUFACU | RER: | | | | | BATTERY T | YPE |
| SERIES: | | | | | | MODEL No. | |
| RATING: | | | | | | AMBIENI I | EMP |
| | | | BA | ATTERY TEST | DATA | | |
| | Inspection (1- | | Voltage | 1 | Visual | | |
| | 5, 1 is | Voltage | Equalize | Ventilation | Inspection (Y)= | Inter-Cell | |
| BATTERY | "Excellent" | Float (Volts) | (Volts) | (B)=Blocked | Casing Fine | Link Torque | Remarks |
| Battery 1 | | | | | | | |
| Battery 2 | | | | | | | 40.50 |
| Battery 3 | | | | | | | 19000001120 |
| Battery 4 | | | | | | | |
| Battery 5 | | | | | | | |
| Battery 6 | | | | | | | |
| Battery 7 | | | | | | | |
| Battery 8 | | | | | | | |
| Battery 9 | | | | | | | |
| Battery 10 | | | | | | | |
| Battery 11 | | | | | | | |
| Battery 12 | | | | | | | |
| Battery 13 | | | | | | | |
| Battery 14 | | | | | | | |
| Battery 15 | | | | | | | |
| Battery 16 | | | | | | | |
| Battery 17 | | | | | | | |
| Battery 18 | | | | | | | 20.39.400 |
| Battery 19 | | | | | | | |
| Battery 20 | | | | | | | |
| Battery 21 | | | | | | | AND THE PARTY OF T |
| Battery 22 | | | | | | | |
| Battery 23 | | | | | | | |
| Battery 24 | | | | | | | |
| TEST EQUIF | PMENT: | | | | | SERIAL | No. |

File: Attachment (C) Battery Test Data Forms

MODEL No. _____

Tab: GNB Individual BAT Checklist

Rev. Date: 2-15-2005 Print Date: 6/7/2016

SERIAL No.

STATION BATTERY CHECKS

CHECKS AND TEST DATA

| S.O. No RACK No: MODEL No: SERIAL No: SERIAL No: OF BATTERY CHECKS CHECKS CHECKS RECOMMENDATIONS Power Board Meter ys or Racks to Ground d Itage |
|--|
| MODEL No: SERIAL No: ot limited to the following:) BATTERY REMARKS & RECOMMENDATIONS Perminals Power Board Meter ys or Racks to Ground d Itage |
| MODEL No: SERIAL No: Det limited to the following:) BATTERY REMARKS & RECOMMENDATIONS Perminals Power Board Meter ys or Racks to Ground d Itage |
| SERIAL No: of limited to the following:) BATTERY REMARKS & RECOMMENDATIONS Priminals Power Board Meter ys or Racks to Ground d Itage |
| SERIAL No: ot limited to the following:) BATTERY REMARKS & RECOMMENDATIONS erminals Power Board Meter ys or Racks to Ground d Itage |
| Det limited to the following:) BATTERY REMARKS & RECOMMENDATIONS Perminals Power Board Meter Lys or Racks to Ground Itage |
| BATTERY REMARKS & RECOMMENDATIONS Power Board Meter ys or Racks to Ground d Itage |
| BATTERY REMARKS & RECOMMENDATIONS erminals Power Board Meter ys or Racks to Ground d Itage |
| BATTERY REMARKS & RECOMMENDATIONS erminals Power Board Meter ys or Racks to Ground d Itage |
| OF BATTERY CHECKS CHECKS RECOMMENDATIONS Power Board Meter ys or Racks to Ground d Itage |
| Power Board Meter ys or Racks to Ground d Itage |
| ys or Racks to Ground d Itage |
| ltage |
| Itage |
| |
| ture |
| iture |
| Cells (see GNB Bat Checklist) |
| |
| f Chargers Chargers |
| er Operation |
| rrent |
| ed Upon Actual Load |
| |
| ring is Adequate for Actual Load |
| on Connections and Links |
| |
| |
| rrent |

File: Attachment (C) Battery Test Data Forms

Tab: GNB BAT String Checklist

PCP BATTERY CHARGERS

CHECKS AND TEST DATA

| SITE NAME: | S.O. No |
|------------------|------------|
| DATE: | RACK No: |
| TECHNICIAN: | |
| BATTERY SYSTEMS: | |
| MANUFACTURER: | MODEL No: |
| SERIES: | SERIAL No: |
| RATING: | |

(Included, but not limited to the following:)

| (Included, but not limited to the following:) | Y/N or Actual | |
|---|---------------|--|
| DESCRIPTION OF CHARGER CHECKS | Reading | REMARKS & RECOMMENDATIONS |
| | | The second secon |
| Charger 1 | | |
| Check all Digital Display Readouts | | |
| Forced Paralleling (Y= functioning) | | |
| Equalize Timer Setting (hours) | | |
| Output Float Voltage Setting (Volts) | | |
| Output Equalize Voltage Setting (Volts) | | |
| High DC Voltage Shutdown Setting (Voltage) | | 1 |
| Check and Clean Fans | | |
| Shut down AC breaker | | |
| AC Failure Alarm (Y= ON) | | |
| Battery Voltage Test | | |
| Battery Voltage @10 min | | |
| Battery Voltage @20 min | | |
| Battery Votlage @30 min | | |
| Battery Voltage @40 min | | |
| Battery Votlage @60 min | | |
| AC Breaker Switch ON | | |
| | | |
| Charger 2 | | |
| Check all Digital Display Readouts | | |
| Forced Paralleling (Y= functioning) | | |
| Equalize Timer Setting (hours) | | |
| Output Float Voltage Setting (Volts) | | |
| Output Equalize Voltage Setting (Volts) | | |
| High DC Voltage Shutdown Setting (Voltage) | | |
| Check and Clean Fans | | |
| Shut down AC breaker | | |
| AC Failure Alarm (Y= ON) | | |

File: Attachment (C) Battery Test Data Forms

Tab: PCP CHG CHECKS

Page 1 of 2 ATTACHMENT P

BID 15-20: 700/800 MHz EDACS and P25 COMMUNICATIONS SYSTEM

| | Y/N or Actual | |
|--------------------------------------|---------------|---------------------------|
| DESCRIPTION OF CHARGER CHECKS | Reading | REMARKS & RECOMMENDATIONS |
| | | |
| Battery Voltage Test | | |
| Battery Voltage @10 min | | |
| Battery Voltage @20 min | | |
| Battery Votlage @30 min | | |
| Battery Voltage @40 min | | |
| Battery Votlage @60 min | 4 1 | |
| AC Breaker Switch ON | | |
| Both Chargers | | |
| Distribution Breaker Trip | | |
| AC Failure Alarm functioning | | |
| Low Voltage Disconnect Inspection | | |
| Check and Torque all Connections | | |
| Clean inside and outside of Chargers | | |
| Check and Torque all Connections | | |
| | | |
| | | |
| | <u> </u> | |
| TEST EQUIPMENT: MODEL No: | SERIAL No. | |
| MODEL No: | SERIAL No. | |

| File: | Attachment (C) | Battery | Test | Data | Forms |
|-------|----------------|---------|------|------|-------|
| Tab: | PCP CHG CHE | CKS | | | |

STATION BATTERY CELLS & BANKS UNDER FULL LOAD

| | NAME: _ E: | | | | | | | | CHARGER S.O. No. | |
|--|---------------|----------|------------|----------|----------|----------|-------------|------------|-------------------|-------|
| | HNICIAN: | | | | | | | | RACK No: | |
| | | | | | | | | | BATTERY S.O. No. | |
| BAT | TERY SY | STEMS | S : | | | | | | RACK No: | |
| | UFACTU | | | | | | | | | |
| | ES: | | | | | | | | MODEL No: | |
| RATING: | | | | | | | | SERIAL No: | | |
| | _ | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | BANK VOLTAGE | Volts |
| | 3 | | | | | | | 1 | LOAD CURRENT | Amps |
| V | | Θ | Θ | ⊕ | ⊕ | 0 | 0 | \bigcirc | | |
| BID 15-20: 700/800 MHz EDACS and P25 COMMUNICATIONS SYSTEM | | | | | | | | | | |
| \mathbf{SI} | 2750 | 0 | • | Θ | Θ | 0 | ⊕ | 100 | CELL NUMBER VOLTS | |
| SY | 4 | | | | | | | 6 | 1 | |
| S | | Θ | Θ | ⊕ | ⊕ | Θ | Θ | | 2 | |
| Ō | | | | W- | | | 1134 186 90 | | 3 | |
| | | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 4 | |
| C_{ℓ} | 9 | | | 11 | | | | 7 | 5 | |
| Ξ | | Θ | Θ | 0 | ⊕ | 0 | Θ | | 6 | |
| \mathbb{A} | | | | | | | | | 7 | |
| \mathbf{Z} | | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 8 | |
| 2 | 10 | | | | | | | 12 | 9 | |
| 25 (| 10 | | | Δ | | | | 12 | | |
| [P | | Θ | Θ | ⊕ | ⊕ | 0 | 0 | | 10 | |
| and | | ⊕ | ⊕ | | | ⊕ | ⊕ | | 11 | |
| Š | 4 5 | Ψ | • | Θ | Θ | Ψ | Ψ | 42 | 12 | |
| AC | 15 | | | | | | | 13 | 13 | |
| ED | | Θ | Θ | ⊕ | ⊕ | 0 | Θ | | 14 | |
| [Z] | | | | | | | | | 15 | |
| M | | 0 | ⊕ | Θ | 0 | 0 | ⊕ | | 16 | |
| 0(| 16 | | | | | | | 18 | 17 | |
|)8/ | | Θ | Θ | ⊕ | ⊕ | 0 | Θ | | 18 | |
| 200 | | | | | | | | | 19 | |
| 0: | | 0 | 0 | Θ | 0 | 0 | ⊕ | | 20 | |
| 5-2 | 21 | | | | | | | 19 | 21 | |
| 1. | | Θ | Θ | ⊕ | ⊕ | 0 | Θ | | 22 | |
| 3[[| | | | | | | | | 23 | |
| 1 | | ⊕ | ⊕ | Θ | 0 | ⊕ | (| | 24 | |
| | 22 | | | | | | | 24 | | |
| | ment form | 0 | | ⊕ | ⊕ | | | | | |
| | | | Θ | <u> </u> | 4 | 0 | Θ | | | |

Attachment (C) Battery Test Data Forms Cell-Bank-Load

STATION BATTERY CELLS & BANKS

UNDER FULL LOAD

| | MAINE: | | | | | | | | | | | | |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| DATE | : | | | | | | | | CHA | RGER S | .O. No. | | |
| TECH | NICIAN | : | | | | | | | RACI | (No: | | | |
| | | | | | | | | | BATT | ERY S. | O. No | | |
| BATTI | ERY SY | STEMS | : | | | | | | RACI | (No: | | | |
| MANU | IFACTL | JRER: _ | | | _ | | | | | | | | |
| SERIE | S: | | | | - | | | | | MODEL | _ No: | | |
| RATIN | IG: | | | | _ | | | | | SERIAL | - No: _ | | |
| | | | | | | | | | BANK | (VOLTA | AGE | | V |
| | | | | | | | | | | CURR | | | Aı |
| | | | | | | | | | | | | | |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | 0 | Θ | 0 | ⊕ | 0 | 0 | The State of |
| 6 | | | | | | | | | | | | | 1 |
| | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | |
| | | ⊕ | | | • | • | | | | • | | | |
| 7 | ⊕ | • | Θ | Θ | 0 | • | Θ | Θ | ⊕ | ⊕ | Θ | Θ | 12 |
| 1 | | | ⊕ | | | | | | | | | | 12 |
| | Θ | Θ | Φ | ⊕ | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | |
| | ⊕ | ⊕ | Θ | 0 | • | ⊕ | Θ | 0 | ⊕ | ⊕ | Θ | Θ | |
| 18 | | | | | | 23-1 | | | | | | | 13 |
| | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | 0 | Θ | 0 | ⊕ | |
| | | | | | | | | | | | | | |
| | ⊕ | ⊕ | Θ | 0 | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | Θ | θ | |
| 19 | | | | | | - | | | | | | | 24 |
| | 0 | Θ | ⊕ | 0 | 0 | Θ | 0 | ⊕ | 0 | Θ | ⊕ | ⊕ | |

8

16

24

STATION BATTERY CELLS & BANKS

FLOAT VOLTAGE

| | | | | | | | | CHARGER S.O. No. | |
|-------|----------|----------|----------|----------|----------|----------|------------|-------------------------|---|
| | | l: | | | | | | RACK No: | |
| | | | | | | | | BATTERY S.O. No. | _ |
| | | STEMS | | | | | | RACK No: | _ |
| | | JRER: _ | | | | | | MODEL | |
| | | | | | - | | | MODEL No: SERIAL No: | |
| KATIN | | | | | | | | SERIAL NO. | |
| | Φ | ⊕ | 0 | 0 | 0 | 0 | | BANK VOLTAGE | |
| 3 | | | | | | | 1 | LOAD CURRENT | ŀ |
| | Θ | Θ | ⊕ | ⊕ | 0 | 0 | \bigcirc | | |
| | ⊕ | ⊕ | Θ | 0 | ⊕ | ⊕ | | | 1 |
| 4 | Ψ | | | | " | | 6 | CELL NUMBER VOLTS | ł |
| ~ | | | | | | | J | 1 | ł |
| | Θ | Θ | ⊕ | ⊕ | Θ | 0 | | 2 | 1 |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 3 | 1 |
| 9 | ΙΨ | | | 9 | | | 7 | 4 | 1 |
| 9 | | | | | | | - | 5 | 1 |
| | Θ | Θ | ⊕ | ⊕ | 0 | Θ | | 6 | 1 |
| | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | | 7 | 1 |
| 10 | Ψ | | | 9 | | | 12 | 8 | ł |
| 10 | | | ⊕ | ⊕ | | | 12 | | 1 |
| | Θ | Θ | Φ | Φ | 0 | Θ | | 10 | |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 11 | |
| 15 | | | | | | | 13 | 12 13 | |
| 10 | 9 | | ⊕ | ⊕ | | | 10 | | |
| | | Θ | <u> </u> | Ψ. | 0 | Θ | | 14 | |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 15 16 | |
| 16 | | | | | | | 18 | 17 | |
| . • | Θ | ⊖ | ⊕ | ⊕ | 0 | Θ | | 18 | |
| | | | | | | | | 19 | |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | | 20 | |
| 21 | | | | | | | 19 | 21 | |
| | 0 | Θ | ⊕ | ⊕ | 0 | 0 | | 22 | |
| | | | | | | | | 23 | 1 |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | (| — | 24 | |
| 22 | | | | | | | 24 | | |
| | Θ | Θ | ⊕ | ⊕ | 0 | Θ | | | |

STATION BATTERY CELLS & BANKS

FLOAT VOLTAGE

| DATE | : | | | | | | | (| CHARGE | R S.O. I | No | | | |
|-------|--|----------|------------|----------|----------|-----------------|----------|----------|----------|--|----------|----------|-------|--|
| TECH | INICIAN | l: | | | •8 | | | F | RACK No | o: | | | | |
| | | | | | | | | E | BATTER | Y S.O. N | lo | | | |
| BATT | ERY SY | STEMS | i : | | | | | F | RACK No | o: | | | | |
| MANU | JFACTL | JRER: _ | | | _ | | | | | | | | | |
| SERIE | ES: | | | | - | | | P | MODEL I | No: | | | | |
| RATIN | NG: | | | | - | | | 5 | SERIAL I | No: | | | | |
| | | | | | | | | Ī. | 24117.17 | N TACE | | | Valte | |
| | | | | | | | | | OAD CL | | | _ | Volts | |
| | | | | | | | | L | LOAD CC | KKENI | | | Amps | |
| 6 | ⊕ | ⊕ | 0 | Θ | 0 | • | Θ | Θ | 0 | 0 | 0 | 0 | 1 | |
| | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | 0 | Θ | ⊕ | ⊕ | | |
| 7 | ⊕ | • | Θ | Θ | ⊕ | • | Θ | Θ | ⊕ | ⊕ | Θ | Θ | 12 | |
| , | Θ | Θ | ⊕ | ⊕ | Θ | Θ | ⊕ | Ф | Θ | Θ | ⊕ | ⊕ | 12 | |
| 40 | ⊕ | ⊕ | Θ | Θ | ⊕ | • | Θ | Θ | ⊕ | ⊕ | Θ | Θ | 40 | |
| 18 | 0 | ⊖ | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | 13 | |
| | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | Θ | 0 | ⊕ | ⊕ | 0 | 0 | 0.4 | |
| 19 | 0 | Θ | ⊕ | ⊕ | Θ | Θ | ⊕ | ⊕ | Θ | Θ | ⊕ | • | 24 | |
| | and the same of th | | | | | | 70. | | | | | | | |
| | CELL N | NUMBER | VO | LTS | CELL I | NUMBER | VO | LTS | CELL N | NUMBER | VO | LTS | | |
| | | 1 | | | 9 | | ļ | | 1 | 7 | | _ | | |
| | | 2 | _ | | 1 | | ┼ | | 1; | No | _ | | | |
| | | 3 | | | 1 | and the same of | | | 1 | - Personal State of the State o | +- | _ | | |
| | | 4 | _ | | 1 | | | _ | 2 | NAME OF THE OWNER, OWNE | +- | \dashv | 4 | |
| | _ | 5 | + | | 1 | | + | \dashv | 2 | * *** | | | | |
| | | 6 | + | | 1 | | | | 2: | A 400 A 100 A | | | | |
| | | 7 | | | 1 | | + | | 2: | | + | \dashv | | |
| | 1 | 8 | | | 1 | O | 1 | - 1 | 2 | 4 | 1. | | | |

SITE NAME: _____