

USED ON

| MODEL | SECTION | QUAN. |
|-------|---------|-------|
| SBE-3 | | 1 |
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| NPL-AO-101 | T |
| LIST NO. | REV. |

EXCITER UNIT
(TITLE)

LIST SECTIONS (11 Sheets)

- 1. ELECTRICAL / MECHANICAL (Sh. 1 to 5)
- 2. HARDWARE (Sh. 6 & 7)
- 3. RAW MATERIALS (Sh. 8)
- 4. SUPPORTING DRAWINGS (Sh. 9)
- 5. SPECIFICATIONS (Sh. 10)
- 6. LOOSE ITEMS (Sh. 11)
- ~~7. PARTS PECULIAR~~

TYPED December 4, 1959
 CHECKED Vb
 APPROVED [Signature]

16

EXCITER UNIT

| PURCHASED ITEM | MATERIAL LIST | | | MODEL | AO-101 | PROJ. NO. | LIST NO. | NPL-AO-101 | |
|----------------|---------------|-----|-----------------------|-------|----------|--|----------|------------|----------------------------|
| | QUANTITY REQ. | NPL | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | SHEET |
| | | | | | | | | | 1 |
| | | | | | | <u>ELECTRICAL/MECHANICAL</u> | | | |
| | 1 | X | AO-102 | | | Oscillator Section | | | |
| | 1 | X | AP-100 | | | Gear Panel Assembly | | | |
| | 1 | X | AP-101 | | | Front Panel Assembly | | | |
| | 1 | X | AX-205 | | | Audio Section | | | |
| | 1 | X | AX-204 | | | RF Section | | | |
| | 1 | | A-1796-1(p/oA-1796-2) | | | Machining, Terminal Board | | | |
| | 1 | | A-1796-2(p/oA-1796-3) | | 2 | Lettering, Terminal Board | | | |
| P | 1 | | A-1796-3(p/oA-1796-4) | | | Sub-Assembly Terminal Board | | | |
| | 1 | | A-1800-1(p/oA-1800-2) | | | Machining, Terminal Board | | | |
| | 1 | | A-1800-2(p/oA-1800-3) | | 4 | Lettering, Terminal Board | | | |
| P | 1 | = | A-1800-3(p/oA-1800-4) | | | Sub-Assembly, Terminal Board | | | |
| P | 6 | | CC-100-16 | | 2 | Capacitor, Fixed, Ceramic Disc, .01 uf. | | | C135,168,169,176,252, 257. |
| P | 1 | | CC-100-29 | | 2 | Capacitor, Fixed, Ceramic Disc, .001 uf. | | | C175 |
| P | 2 | | HA-102-9-BN | | 2 | Handle | | | |
| P | 1 | | LD-626 | | 4 | Dial, HF | | | Used on A-1809 |
| P | 1 | | MC-102 | | 1 | Coupling, Fixed | | | For "Output" |
| P | 1 | | MC-105-2 | | 1 | Coupling, Fixed | | | Used on A-1809 |

THE TECHNICAL MATERIEL CORPORATION

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EXCITER UNIT

| PURCHASED ITEM | MATERIAL LIST | | | MODEL | PROJ. NO. | LIST NO. | | |
|----------------|---------------|------------------|---------------|-------|-----------------------------|---|--------------------|------------------------|
| | QUANTITY REQ. | P P N L | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
| | | | | ISSUE | D E F G H J K L M N P R S T | | | |
| | | | | | | | | |
| | | | | | | <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u> | | |
| P | 1 | | MP-106-2 | A | 1 | Knob, Fluted, Skirted | | Output Tuning |
| P | 1 | | MP-108-1 | A | 1 | Knob, Fluted, Skirted | | Band MCs |
| P | 1 | | MP-108-2 | A | 1 | Knob, Fluted, Skirted, W/Line | | MF Xtal Switch, |
| P | 2 | | MP-111-3 | | 1 | Knob, Round, Locking | | MF Tuning, Output |
| P | 1 | | MP-112-N | | 1 | Knob, Fluted | | MF Tuning |
| | 1 | | MP112D | | | Knob | | Output |
| | 1 | | MS-1091 | B | 8 | Support, Oscillator Section | | |
| | 1 | | MS-1092 | E | 8 | Side Plate, Left | | |
| | 1 | | MS-1093 | H | 8 | Side Plate, Right | | |
| | 1 | | MS-1094 | | 2 | Bracket, RF Section Cover | | |
| | 1 | | MS-1096 | B | 4 | Cover, RF Section, Top | | |
| | 1 | | MS-1115 | A | 8 | Cover, Bottom | MS-1330 (Blank) | |
| | 1 | | MS-1116 | | 8 | Cover, Top | MS-1116 (Blank) | |
| | 1 | | MS-1122 | | 1 | Shield, Oven Heater T. B. | | |
| | 1 | | MS-1212 | B | 4 | Cover, RF Section, Bottom | LD-388 | |
| | 1 | | MS-1330 | | 1 | Blank, Bottom Cover | MS-1115 | |
| | 1 | | MS-1834 | | 1 | Shield, RF Output Resistor | | |
| P | 2 | | MS3057-12 | | 1 | Clamp, Cable | See Page 11 | Used On: CA-346 |
| P | 1 | | MS3102A20-27P | | 1 | Connector, Receptacle, Male | See Page 11 | J109 (Used on CA-394) |
| P | 1 | | MS3106B20-27P | | 1 | Connector, Plug, Male | See Page 11 | P101 (Used On: CA-346) |
| P | 1 | | MS3106B20-27S | | 1 | Connector, Plug, Female | See Page 11 | P102 (Used On: CA-346) |
| P | 2 | | MS3420-10A | | 1 | Bushing, Cable | See Page 11 | Used On: CA-346 |
| P | 1 | | NP-196-2 | B | 1 | Nameplate, SBE-3 System | | Commercial |
| P | 1 | | NP-196-5 | B | 1 | Nameplate, AO-101 Exciter | | Commercial |
| P | 1 | | NP-303 | | 1 | Nameplate, SBE-3 System | | Navy/AN/URA-28 |
| P | 1 | | NP-305 | | 1 | Nameplate, Exciter Unit | | Navy/O-672/URA-28 |

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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EXCITER UNIT

| PURCHASED ITEM | MATERIAL LIST | | | MODEL | PROJ. NO. | | | | | | | | | | | | | LIST NO. | | | | | | |
|-------------------|------------------|--------|---------------|-------|-------------|---|--------|--------------------------|-------|---|---|---|---|---|---|---|---|----------|---|---|---|-------|----|--------|
| | QUANTITY REQ. | P L | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | ISSUE | | | | | | | | | | | | | SHEET | OF | SHEETS |
| | | | | | | | | | D | E | F | G | H | J | K | L | M | N | P | R | S | T | 3 | 14 |
| | | | | | | <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u> | | | | | | | | | | | | | | | | | | |
| P | 1 | | PL-154 | | 1 | Connector, Plug, RF, Miniature | | F106 (Used on CA-350-26) | | | | | | | | | | | | | | | | |
| | 1 | | PM-451 | A | 1 | Hub, Output Tuning Knob | PX-376 | For Output | | | | | | | | | | | | | | | | |
| | 1 | | PM-691RF2.00P | | 1 | Shaft, 1/4 D X 2" Long, Phenolic | | | | | | | | | | | | | | | | | | |
| | 1 | | PX-376 | B | 1 | Knob, Output Tuning | PM-451 | | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF102K | | 2 | Resistor, Fixed, Composition | | R210 | | | | | | | | | | | | | | | | |
| P | 2 | | RC20GF122K | | 2 | Resistor, Fixed, Composition | | R157,158 | | | | | | | | | | | | | | | | |
| P | 2 | | RC20GF123K | | 2 | Resistor, Fixed, Composition | | R164,165 | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF106K | | 2 | Resistor, Fixed, Composition | | R204 | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF335K | | 2 | Resistor, Fixed, Composition | | R209 | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF515J | | 2 | Resistor, Fixed, Composition | | R238 | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF561K | | 2 | Resistor, Fixed, Composition | | R211 | | | | | | | | | | | | | | | | |
| P | 1 | | RC20GF473K | | 2 | Resistor, Fixed, Composition | | R202 | | | | | | | | | | | | | | | | |
| P | 1 | | RC32GF122K | | 2 | Resistor, Fixed, Composition | | R203 | | | | | | | | | | | | | | | | |
| P | 2 | | RC32GF223K | | 2 | Resistor, Fixed, Composition | | R155,156 | | | | | | | | | | | | | | | | |
| P | 1 | | RC42GF103K | | 2 | Resistor, Fixed, Composition | | R196 | | | | | | | | | | | | | | | | |
| P | 1 | | TP-107 | A | 1 | Tool, Alignment | | | | | | | | | | | | | | | | | | |

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EXCITER UNIT

| PURCHASED ITEM | MATERIAL LIST | | MODEL | PROJ. NO. | | | | | | | | | | | | | LIST NO. | |
|-------------------|------------------|-------------|-----------|-----------------------------|-------------|---|-----|---------|--|--|--|--|--|--|--|--|----------|----|
| | QUANTITY REQ. | N P L | ISSUE | D E F G H J K L M N P R S T | | | | | | | | | | | | | SHEET | OF |
| | | | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | | | | | | | | | | |
| | | | | | | <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u> | | | | | | | | | | | | |
| P | 1 | | WR-100-5 | | 1 | Wrench, Hexagon | | | | | | | | | | | | |
| P | 1 | | WR-100-18 | | 1 | Wrench, Hexagon | | | | | | | | | | | | |
| P | 1 | | WR-100-19 | | 1 | Wrench, Hexagon | | | | | | | | | | | | |

THE TECHNICAL MATERIEL CORPORATION

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MATERIAL LIST

MODEL AO-101

PROJ. NO.

LIST NO. NPL-AO-101

ISSUE

DEFGHJKLMNPRST

SHEET 5 OF 14 SHEETS

| PURCHASED ITEM | QUANTITY REQ. | N P L | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
|----------------|---------------|-------|----------|-----|----------|---|-----|-----------|
| | | | | | | | | |
| P | 2 | | 1N-303 | | X | <u>ELECTRICAL COMPONENTS AND MECHANICAL PARTS</u> <u>TUBES AND DIODES</u> Diode | | CR113,114 |

THE TECHNICAL MATERIEL CORPORATION

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APPROVED

EXCITER UNIT

MATERIAL LIST

MODEL AO-101

PROJ. NO.

LIST NO. NPL-AO-101

ISSUE D E F G H J K L M N P R S T

SHEET 6 OF 14 SHEETS

| PURCHASED ITEM | QUANTITY REQ. | L P Z | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
|-----------------|---------------|-------|--------------|-----|----------|----------------------|-------------|--|
| | | | | | | | | |
| <u>HARDWARE</u> | | | | | | | | |
| P | 2 | | CU-103-1 | | 1 | Clamp | | For Wrenches For Wrenches |
| P | 2 | | CU-103-3 | | 1 | Clamp | | |
| P | 4 | | CU-126-B | | 1 | Ferrule, Handle | | |
| P | 2 | | EY-100-1 | | 1 | Eyelet | HF Dial | Used on A-1809 |
| P | 2 | | FC-102-1-XXC | | 1 | Clip, Fuse | | For TP-107 |
| P | 8 | | FS-102-1 | | 1 | Spring, "S" Type | | 4 used on MS-1115 4 used on MS-1116 4 used on MS-1115 4 used on MS-1116 4 used on MS-1115 4 used on MS-1116 |
| P | 8 | | FS-109-3 | | 1 | Ring, Stud Retaining | | |
| P | 8 | | FS-110-1 | | 1 | Stud, Slotted Head | | |
| P | 2 | | NT-129-521-1 | | 1 | Nut, Round, Swage | | |
| P | 2 | | NT-129-521-2 | | 1 | Nut, Swage | | |
| P | 6 | | NT-129-632-4 | | 2 | Nut, Swage | (6) MS-1094 | |
| P | | | LWE | | | | | |
| P | | | LWE | | | | | |

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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EXCITER UNIT

MATERIAL LIST

MODEL AO-101

PROJ. NO.

LIST NO. NPL-AO-101

ISSUE D E F G H J K L M N P R S T

SHEET 7 OF 14 SHEETS

| PURCHASED ITEM | QUANTITY REQ. | L P Z | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
|----------------|---------------|-------|--|-----|----------|--------------------------|-----|--|
| | | | | | | | | |
| | | | | | | <u>HARDWARE</u> | | |
| P | 2 | | TE-107-29 | | 1 | Nut, Hexagon, Rivet Type | | Used on MS-109H |
| P | 4 | | TE-108-1 (p/oA-1796-3) (p/oA-1800-3) | | 1 | Spacer, Rivet Type | | 2 used on A-1796 2 used on A-1800 |
| P | 38 | | TE-168-4B (p/oA-1796-3) (p/oA-1800-3) | | 2 | Terminal | | 14 used on A-1796 24 used on A-1800 |
| P | 2 | | TE-183 | | 1 | Spacer Countersunk | | MS-1122 Mtg. |

THE TECHNICAL MATERIEL CORPORATION

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EXCITER UNIT

| PURCHASED ITEM | MATERIAL LIST | | | MODEL | PROJ. NO. | | | | | | | | | | | | | LIST NO. | | | | | | |
|-------------------|------------------|-------------|---------------|-------|-------------|----------------------------|-----------|---------------------|-------------|---|---|---|---|---|---|---|---|----------|---|---|---|-------|----|--------|
| | QUANTITY REQ. | N P L | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | ISSUE | | | | | | | | | | | | | SHEET | OF | SHEETS |
| | | | | | | | | | D | E | F | G | H | J | K | L | M | N | P | R | S | T | 8 | 17 |
| | | | | | | <u>RAW MATERIAL</u> | | | | | | | | | | | | | | | | | | |
| P | X | | BS-100 | | 1 | Solder, Soft | | | | | | | | | | | | | | | | | | |
| P | X | | PX-100-1-.375 | | 1 | Insulation, Sleeving | Black | CA-346 | | | | | | | | | | | | | | | | |
| P | X | | PX-100-1-.022 | | 1 | Insulation, Sleeving | | Black | | | | | | | | | | | | | | | | |
| P | X | | PX-100-3-.022 | | 1 | Insulation, Sleeving | | Red | | | | | | | | | | | | | | | | |
| P | X | | PX-100-4-.022 | | 1 | Insulation, Sleeving | | Green | | | | | | | | | | | | | | | | |
| P | X | | PX-100-6-.022 | | 1 | Insulation, Sleeving | | Blue | | | | | | | | | | | | | | | | |
| P | X | | WL-100-7 | | 1 | Wire, Buss | | | | | | | | | | | | | | | | | | |
| P | X | | MWC18(16)U0 | | 2 | Cable, Insulated | Black | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U1 | | 2 | Cable, Insulated | Brown | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U90 | | 2 | Cable, Insulated | Wh/Black | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U91 | | 2 | Cable, Insulated | Wh/Brown | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U93 | | 2 | Cable, Insulated | Wh/Orange | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC18(16)U94 | | 2 | Cable, Insulated | Wh/Yellow | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC18(16)U7 | | 2 | Cable, Insulated | Violet | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC18(16)U8 | | 2 | Cable, Insulated | Gray | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U9 | | 2 | Cable, Insulated | White | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC22(7)U2 | | 2 | Cable, Insulated | Red | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC16(19)U6 | | 2 | Cable, Insulated | Blue | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC18(16)U96 | | 2 | Cable, Insulated | Wh/Blue | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC22(7)UPINK | | 2 | Cable, Insulated | Pink | CA-346 | See Page 11 | | | | | | | | | | | | | | | |
| P | X | | MWC22(7)S9 | | | Cable, Insulated, Shielded | | CA-721-1, CA-721-2, | | | | | | | | | | | | | | | | |
| P | X | | RG-174/U | | 1 | Cable, Coaxial | | CA-494 CA-418-4 | | | | | | | | | | | | | | | | |

THE TECHNICAL MATERIEL CORPORATION

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EXCITER UNIT

MATERIAL LIST

MODEL AO-101

PROJ. NO.

LIST NO. NPL-AO-101

ISSUE D E F G H J K L M N P R S T

SHEET 9 OF 14 SHEETS

| PURCHA ITEM | QUANTITY REQ. | L P Z | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
|----------------------------|------------------|-------|--------------|-----|-------------|---|---------|--|
| | | | | | | | | |
| <u>SUPPORTING DRAWINGS</u> | | | | | | | | |
| | 1 | | A-1796-4 | A | 2 | Terminal Board, RF Output Meter | | Consists of: C175, 176, CR114, R209, 210 211, 238 |
| | 1 | | A-1800-4 | | 4 | Terminal Board, RF Chassis | | Consist of: C135, 168, 169, 252, 257, CR113, R155, 156, 157, 158, 196, 202, 203, 204, 164, 165 |
| | 1 | | A-1809 | | 1 | HF Dial Assembly | | |
| | 1 | | AO-101 | | 1 | Exciter Unit | | |
| | 1 | | CA-350-26.00 | A | 1 | Cable, RF, Miniature | | Used on CA-494 Consists of: F106 |
| | 1 | | CA-418-4 | | | Cable, RF, XV110, pin 2 to terminal strap | | |
| | 1 | | CA-494 | | 8 | Cable, Main | | Consists of: J109, CA-350-26 (P 106) |
| | 1 | | CA-721-1 | | | Cable, Shielded, R265 to R266 | | |
| | 1 | | CA-721-2 | | | Cable, Shielded, R266 to Z103, Pin 8 | | |
| | 1 | | CK-420 | | R | Schematic Diagram, AO-101 | | |
| | 1 | | CK- | | | Block Diagram, Electrical, AO-101 | | |
| | 1 | | ID-388 | | 4 | Lettering, RF Section Bottom Cover | MS-1212 | |

THE TECHNICAL MATERIEL CORPORATION

MAMARONECK, NEW YORK

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EXCITER UNIT

MATERIAL LIST

MODEL AO-101

PROJ. NO.

LIST NO. NPL-AO-101

ISSUE D E F G H J K L M N P R S T

SHEET 10 OF 14 SHEETS

| PURCHASED ITEM | QUANTITY REQ. | N P L | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS |
|-----------------------|---------------|-------|----------|-----|----------|--------------------------------------|-----|---------|
| | | | | | | | | |
| <u>SPECIFICATIONS</u> | | | | | | | | |
| | 1 | | S135 | | 1 | Nickel Plate | | |
| | 1 | | S343 | | 1 | Miniature Connector & Cable Assembly | | |
| | 1 | | S470 | | 1 | Determining Xtal or MO Operation | | |
| | 1 | | S349 | | 1 | Oscillator Test Procedure | | |
| | 1 | | S404 | | 1 | Iridite | | |
| | 1 | | S465 | | 1 | Test Procedure, AO-101 | | |

THE TECHNICAL MATERIEL CORPORATION

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| PURCHASED ITEM | MATERIAL LIST | | | MODEL | PROJ. NO. | | | | | | | LIST NO. | SHEETS | | | |
|-------------------|------------------|-----|-------------|-------|-------------|--|------|--------------------|-------|--|--|----------|--------|--|--|--|
| | QUANTITY REQ. | NPL | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | ISSUE | | | | | | | |
| | | | | | | STANDARD SBE-3 LOOSE ITEMS | | | | | | | | | | |
| | 1 | | CA-346-3-0 | | 4 | Cable, Power Interconnect, PS to Exciter | | W101(c/o P101,102) | | | | | | | | |
| P | 1 | | PL-132-3 | | 1 | Connector, Plug, Male | Mike | J101 Mate | | | | | | | | |
| P | 1 | | TM-105-14AL | | 2 | Fanning Strip | | | | | | | | | | |
| P | 2 | | UG-260/U | | 1 | Connector, Plug, Male, RF | | | | | | | | | | |

THE TECHNICAL MATERIEL CORPORATION

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| PURCHASED ITEM | MATERIAL LIST | | | MODEL | PROJ. NO. | | | | | | | LIST NO. | | | | |
|-------------------|------------------|-----|----------|-------|-------------|---|------|-----------|-------|--|--|----------|--|-------|----|--------|
| | QUANTITY REQ. | NPL | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | ISSUE | | | | | SHEET | OF | SHEETS |
| | | | | | | LOOSE ITEMS WHEN SBE-3 IS USED WITH GPT-750 DRAWER, RTS-2 | | | | | | | | 12 | 14 | |
| P | 1 | | PL-132-3 | | 1 | Connector, Plug, Male | Mike | J101 Mate | | | | | | | | |
| P | 2 | | UG-260/U | | 1 | Connector, Plug, Male, RF NOTE- CA-346 not required. It is picked up on RTS as CA-471 | | | | | | | | | | |

| PURCHASED ITEM | MATERIAL LIST | | | MODEL | AO-101 | | | | | | | PROJ. NO. | LIST NO. | NPL-AO-101 | | | | |
|-------------------|------------------|-----|--------------|-------|-------------|---|-----|---------------------|-------|--|--|-----------|----------|------------|----|----|----|-----------|
| | QUANTITY REQ. | NPL | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | ISSUE | | | | | SHEET | 13 | OF | 14 | SHEETS |
| | | | | | | LOOSE ITEMS WHEN SBE-3 IS USED WITH GPT-10K or SBT-350 | | | | | | | | | | | | |
| | 1 | | CA-346-8-9 | | 4 | Cable, Power Interconnect, PS to Exciter | | W101 (c/o P101,102) | | | | | | | | | | |
| | 1 | | MS-1762-1 | | 2 | Plate, Spacer, Left Side | } | Mount on Unit | | | | | | | | | | |
| | 1 | | MS-1762-2 | | 2 | Plate, Spacer, Right Side | | | | | | | | | | | | |
| P | 2 | | NT-129-524-4 | | 2 | Nut, Round, Swage Type | | (1)MS-1762 | | | | | | | | | | |
| P | 1 | | PL-132-3 | | 1 | Connector, Plug, Male | | Mike | | | | | | | | | | J101 Mate |

| PURCHASED ITEM | MATERIAL LIST | | | | MODEL | AO-101 | | | | | | | PROJ. NO. | LIST NO. | NPL-AO-101 | | | | |
|-------------------|------------------|-----|--------------|-----|-------------|---|-----|---------------------|--|--|-------|--|-----------|----------|------------|--|-------|----|-----------|
| | QUANTITY REQ. | NPL | PART NO. | REV | DWG SIZE | DESCRIPTION | REF | SYMBOLS | | | ISSUE | | | | | | SHEET | OF | SHEETS |
| | | | | | | LOOSE ITEMS WHEN SBE-3 IS USED WITH SBT-1K (RAK-9) | | | | | | | | | | | 14 | 14 | |
| | 1 | | CA-346-3-9 | | 4 | Cable, Power Interconnect, PS to Exciter | | W101 (c/o P101,102) | | | | | | | | | | | |
| | 1 | | MS-1762-1 | | 2 | Plate, Spacer, Left Side | } | Mount on Unit | | | | | | | | | | | |
| | 1 | | MS-1762-2 | | 2 | Plate, Spacer, Right Side | | | | | | | | | | | | | |
| P | 2 | | NT-129-524-4 | | 2 | Nut, Round, Swage Type | | (1)MS-1762 | | | | | | | | | | | |
| P | 1 | | PL-132-3 | | 1 | Connector, Plug, Male | | Mike | | | | | | | | | | | J101 Mate |

REVISION SHEET

THE TECHNICAL MATERIEL CORP.
MAMARONECK
NEW YORK

NPL-AO-101

MODEL SBE-3 PROJECT NO _____

| DATE | REV. | PAGE | EMN# | DESCRIPTION | CHK. | APP. |
|----------|------|-------|------|---|------|------|
| 12-17-59 | A | 1 | | Added parts A-1796 & A-1800 STAGES 1,2+3 | | |
| 12-22-59 | B | 3 | 1698 | RC20GF515J was RC20GF515K 1per | | |
| 1-11-60 | C | 2,7,9 | 1738 | A-1796 & A-1800 Clarified for Prod. Cont. | | |
| 5-23-60 | D | 2 | 2351 | Added MS3057-12, MS3106B20-27P, MS3106B20-27S, And MS-3420-10A | | |
| 5-23-60 | D | 8 | 2351 | Added PX-100-1-.375, MWC16(19)UO, MWC16(19)U1 | | |
| | | | | MWC16(19)U90, MWC16(19)U91, MWC16(19)U93, MWC16(19)U94 | | |
| | | | | MWC18(16)U7, MWC18(16)U8, MWC18(16)U9, MWC22(7)U2 | | |
| | | | | MWC22(7)U6, MWC22(7)U96, MWC22(7)UPINK | | |
| 5-23-60 | D | 11 | 2351 | Added CA-346-3-0 & CA-346-8-9 | | |
| 5-23-60 | D | 2 | 2351 | Added MS3057-12, MS3106B20-27P, MS3106B20-27S And MS3420-10A | | |
| 8-11-60 | E | 2 | 2784 | Added Ref. "See Page 11" to MS3057-12, MS3106B20-27P, MS3106B20-27S, MS3420-10A. | | |
| 8-11-60 | E | 8 | 2784 | Added all "MWC2 Wire. | | |
| 8-11-60 | E | 11 | 2784 | Added Note at bottom of page. | | |
| 9-15-60 | F | 6 | 2981 | Added NT-129-632-4 | | |
| 9-15-60 | F | 7 | 2981 | Deleted SM-107-23 | | |
| 9-20-60 | G | 7 | 3006 | Added TE-183 | | |
| 10-27-60 | H | 8 | 3324 | Changed MWC16(19)U94 to MWC18(16)U94 | | |
| 10-27-60 | H | 8 | 3324 | Changed MWC16(19)UO to MWC18(16)UO | | |
| 10-27-60 | H | 8 | 3324 | Changed MWC22(7)U6 to MWC16(19)U6 | | |
| 10-27-60 | H | 8 | 3324 | Changed MWC22(7)U96 to MWC18(16)U96 | | |
| 10-27-60 | H | 8 | 3324 | Chabged MWC18(16)U9 to MWC16(19)U9 | | |
| 12-13-60 | J | 11 | 3717 | On PL-132-3 Added Note: Supply at all times Added MS-1762-1 Plate, Spacer, Left Side } Mount on unit when Added MS-1762-2 Plate, Spacer, Right Side } used with GPT-10K On TM-105-14AL, added to note "SBT-1K" | | |
| | | | | Added to UG-260/U. Note to be supplied with GPT-10K, SBT-1K | | |
| | | | | Added Note: For SBE when used with SBT-1K | | |
| | | | | Added CA-346-3-9, Cable, Power Interconnect, Exciter to PS | | |
| 2-15-61 | K | 11 | 4196 | On note for TM-105, add "SBT-350". | | |
| | | " | " | On note for SBE when used with GPT-10K, add "OR SBT-350". | | |
| | | " | " | On CA-346-3-9, add sym. W101 (c/o P101, 102). | | |

LIST # AO-101

SECTION # SBE-3

MODEL # SBE-3

| DATE | REV. | NAME | DEPT. | DATE | REV. | NAME | DEPT. |
|--------|------|-------------|----------------|------|------|------|-------|
| 2/4/59 | A | J. De Bease | P.C. | | | | |
| | A | J. Rice | Prod. | | | | |
| | A | J. Hob. | Eng | | | | |
| | A | D. Corn | Mech | | | | |
| 7 1959 | A | H. Corey | Prod. | | | | |
| 9/59 | B | HARRY | Metal Stock | | | | |
| 1/60 | | Roy-S. | - | | | | |
| 5/60 | - | Guthrie | | | | | |