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COMBAT INTELLIGENCE CENTER  
SOUTH PACIFIC FORCE

ITEM #1951  
(S-3836)

TRANSLATION OF CAPTURED JAPANESE DOCUMENT

Source: Taken by 148th Inf about 15 Nov.

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Diagram of Transmitter Connections (TN: 結線)

Type 96 Vacuum Tube (TN: 空) No 3 Radio Set

Type 96 Air (TN: KU) No 3 Radio Schematic Diagram of Transmitter.

Sequence of Adjustments

Main short-wave transmission (TN: 短波主送信).

- E/888/1051
1. Turn the band switch (TN: 長短轉換器) to "short" (TN: 短) and the main auxiliary switch (TN: 主副轉換器) to "main" (TN: 主).
  2. Regulate the oscillator condenser (TN: 發振容量器) to the desired frequency, and in case a crystal control is used, insert the short-wave oscillating crystal (TN: 發振子) into the short-wave crystal holder slot (TN: 短波水晶保持器座).
  3. Regulate the antenna coil, the positive coil (TN: 陽極線圈) and the antenna tuning dial (TN: 空波線同調目盛) to their proper frequencies.
  4. Turn the transmitting and receiving switch to "Transmit" and the regulator switch (TN: 調整用轉換器) to "regulation." At this time a side tone (TN: 側音) can be heard through the receiver (TN: 受聽器).
  5. In case a crystal control (TN: 水晶制御) /is being used/, turn the oscillator condenser (TN: 發振容量器) to a position where there is a minimum flow of oscillating current (TN: 發振電流). (Neon tube lights)
  6. Turn the first amplifying condenser (TN: 增幅容量器) approximately to the proper frequency, and adjust it to a point on the dial where there is a minimum flow of amplifying current.
  7. Turn the antenna tuning dial (TN: 空波線同調目盛) to a point where there is a maximum flow of antenna current, then turn the regulator switch (TN: 調整轉換器) to "Transmit".

Long-wave transmission.

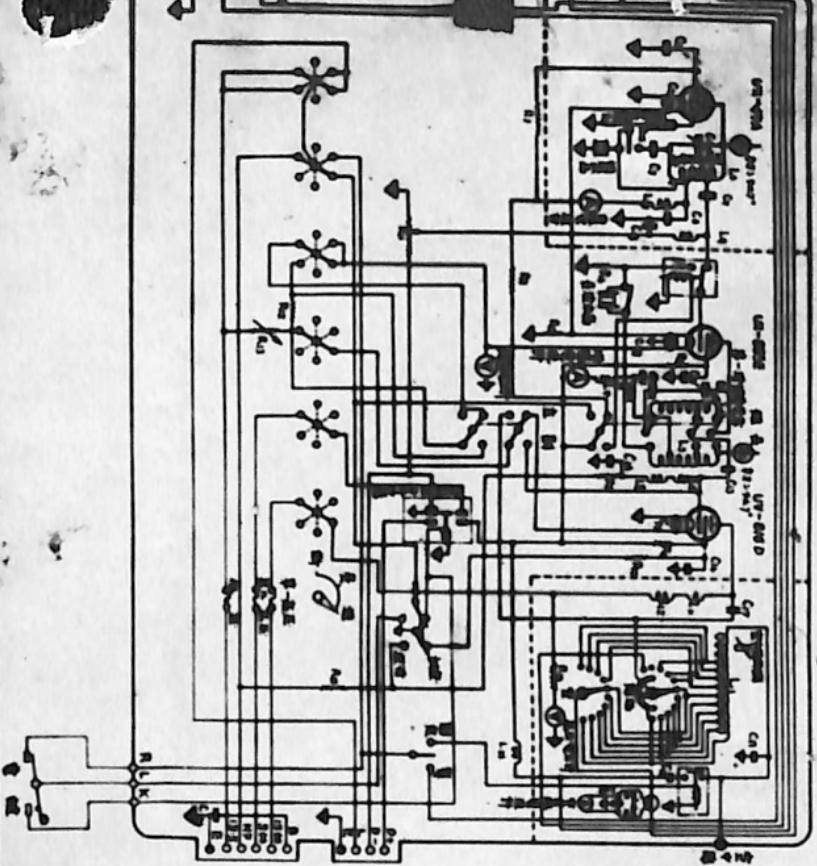
1. Turn the band switch (TN: 長短轉換器) to long (TN: 長) and the main-auxiliary switch (TN: 主副轉換器) to "main" (TN: 主).
2. Turn the positive coil (TN: 陽極線) to "long positive" (TN: 長陽).
3. Turn the first amplifying condenser to the proper frequency and in case a crystal control (TN: 水晶制御) /is being used/ insert the long-wave oscillating crystal (TN: 長波振子) into the long-wave crystal holder slot (TN: 長波水晶保持座).
4. Adjust the long-wave antenna coil, the positive coil and the fine adjustor dial (TN: 細調調整目盛) to their proper frequencies.
5. Turn the transmitting-receiving switch to "Transmit" and regulator switch to "regulation." At this time a side tone can be heard through the receiver.
6. In case a crystal control is used, turn the first amplifying condenser to a point where there is a minimum flow of amplifying current. (Neon tube lights)
7. Maximize the antenna current by means of the long-wave fine adjustor (TN: 細調調整器) and turn the regulator switch to "Transmit."

Warning!! Do not touch the antenna terminal (red) of the receiving set nor the receiving terminal (TN: 受信機端子) (red) while sending, as it is dangerous.

TN: Stamped on reverse of diagram: Produced by Sect 3 (DAI SAM BU) of Navy Technical Hqs - Electrical No 1064 "OTA", 31 March 1943.

(END)

九六式空三號無線電信機 送信機結線圖



「『政治』」。明高麗王所著  
・又曰・高麗書之序文・明高麗王所著  
（ノアカホ「アーヴィング」）・加里・阿吉・アーヴィング  
所著書・題目・明高麗王所著「政治」・高麗・慶元年  
・中華・明朝の名・又・「『政治』」  
・明高麗王所著・「政治」・明高麗王所著  
・又曰・明高麗王所著・明  
口傳體所著・高麗書之序文  
・ノアカホ「アーヴィング」・高  
麗・慶元年  
・「政治」・高麗書之序文