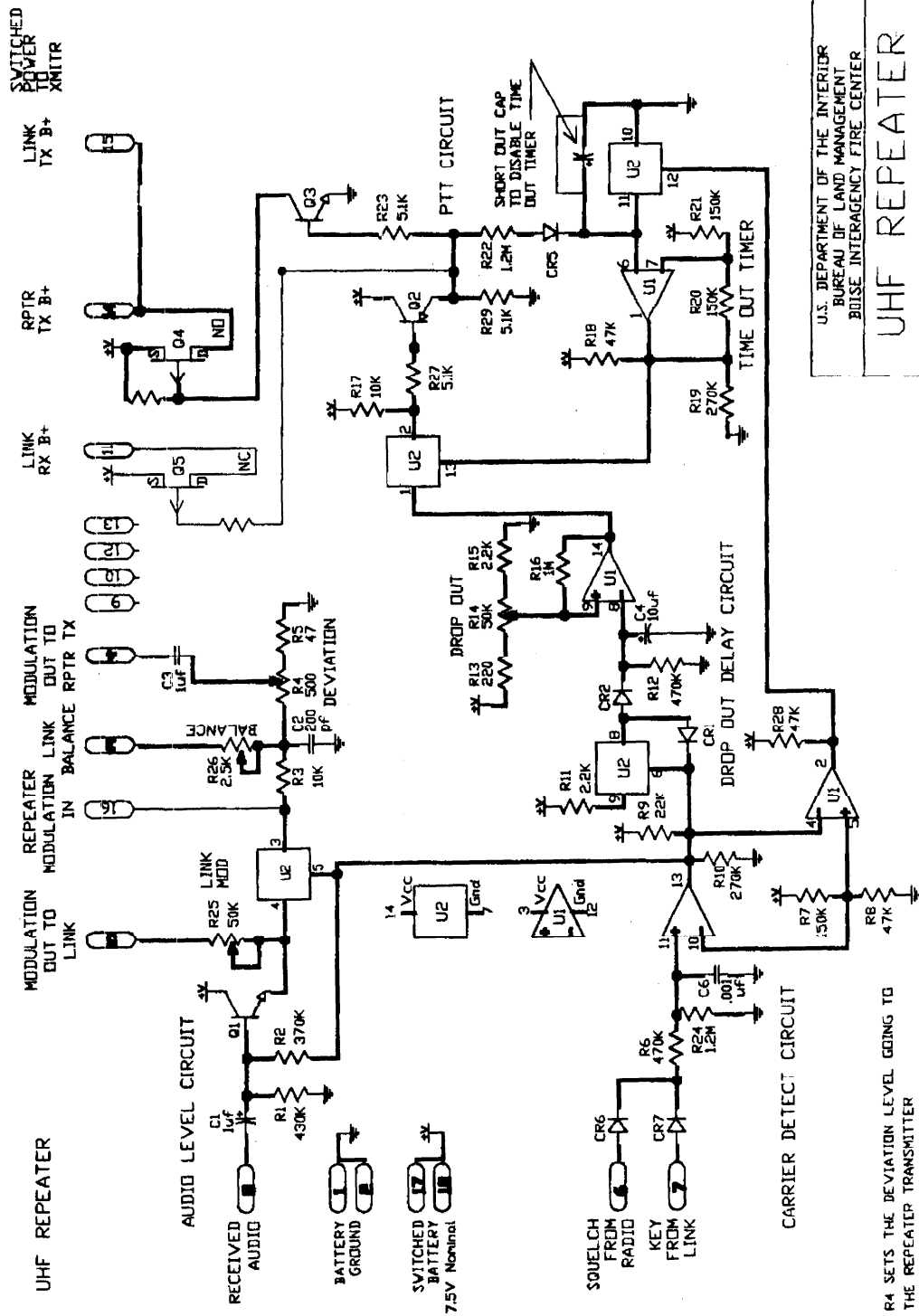


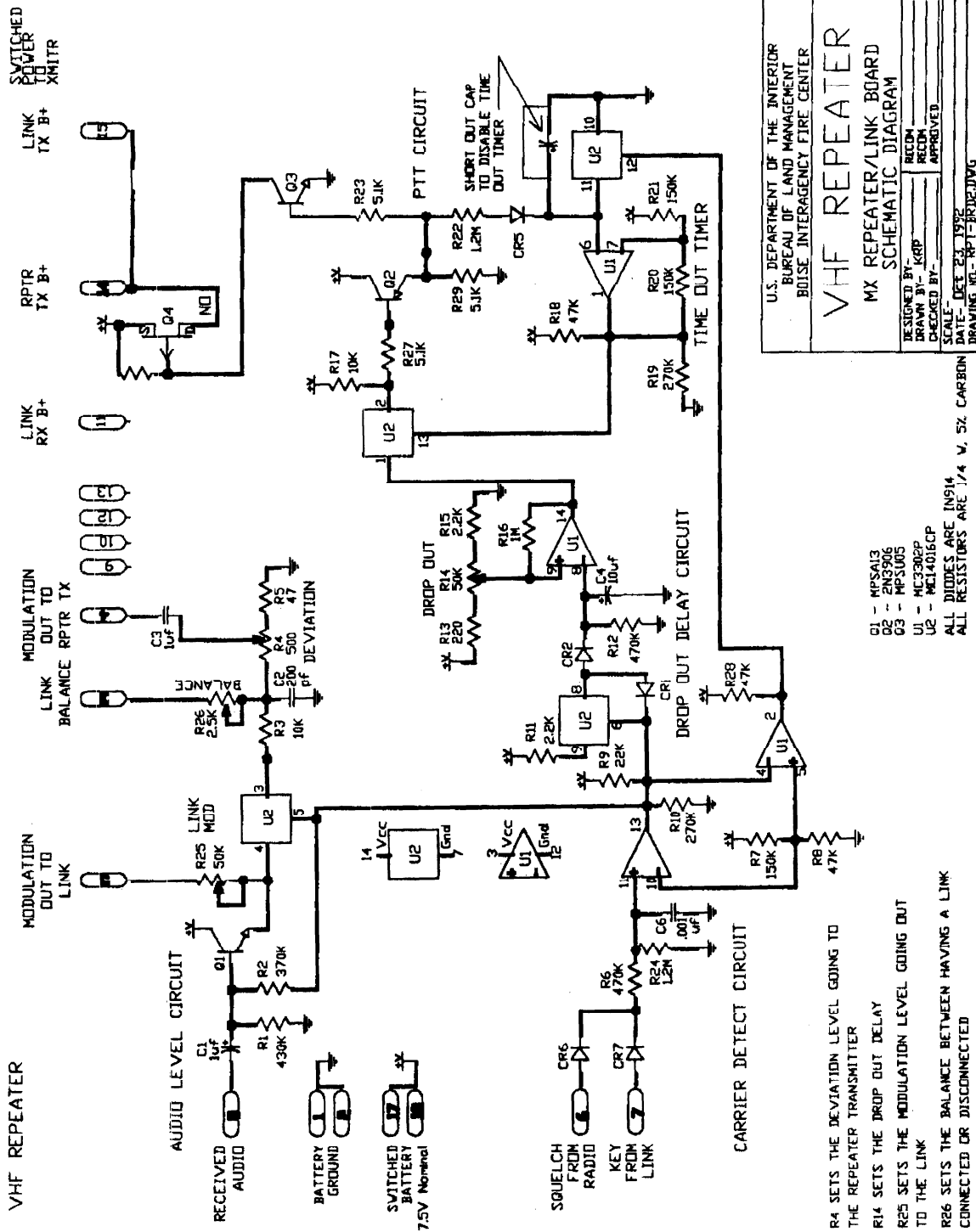


R4 SETS THE DEVIATION LEVEL GOING TO THE REPEATER TRANSMITTER  
 R14 SETS THE DROP OUT DELAY TO THE LINK  
 R25 SETS THE MODULATION LEVEL GOING OUT TO THE LINK  
 R26 SETS THE BALANCE BETWEEN HAVING A LINK CONNECTED OR DISCONNECTED

Q1 - MPSA13  
 Q2 - 2N3906  
 Q3 - MPS3005  
 U1 - MC3302P  
 U2 - MC14016CP  
 ALL DIODES ARE 1N914  
 ALL RESISTORS ARE 1/4 W, 5%, CARBON

|                                                                                               |                 |
|-----------------------------------------------------------------------------------------------|-----------------|
| U.S. DEPARTMENT OF THE INTERIOR<br>BUREAU OF LAND MANAGEMENT<br>BOISE INTERAGENCY FIRE CENTER |                 |
| UHF REPEATER<br>MX REPEATER/LINK BOARD<br>SCHEMATIC DIAGRAM                                   |                 |
| DESIGNED BY: JRP                                                                              | REVIEW: _____   |
| DRAWN BY: JRP                                                                                 | REVIEW: _____   |
| CHECKED BY: _____                                                                             | APPROVED: _____ |
| SCALE: DEC 23, 1992                                                                           |                 |
| DRAWING NO: RPT-BRDE-1106                                                                     |                 |

SWITCHED  
POWER  
TO  
XMTR



R4 SETS THE DEVIATION LEVEL GOING TO THE REPEATER TRANSMITTER  
R14 SETS THE DROP OUT DELAY  
R25 SETS THE MODULATION LEVEL GOING OUT TO THE LINK  
R26 SETS THE BALANCE BETWEEN HAVING A LINK CONNECTED OR DISCONNECTED

U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
BOISE INTERAGENCY FIRE CENTER

VHF REPEATER

MX REPEATER/LINK BOARD  
SCHEMATIC DIAGRAM

|                     |                |
|---------------------|----------------|
| DESIGNED BY: _____  | RECON _____    |
| DRAWN BY: KRP _____ | RECON _____    |
| CHECKED BY: _____   | APPROVED _____ |

SCALE: \_\_\_\_\_

DATE: DEC 23 1982

BY: 151000

