( "x0.01
   x0.01

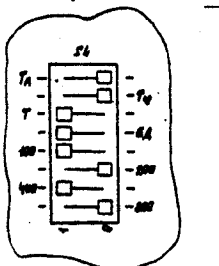            x200" ).    In  this  case  when calculating  value  of  radionuclide  caesium-137 specific radioactivity the scaling coefficient K2=200 (Table 3) should be applied to formula (4).

   7.5. Setting of signal response threshold required by the user.

   7.5.1. Remove cover-filter.

   7.5.2. Set slides S4.5-S4.8 of the code-switch to positions shown in Fig.1.

   7.5.3. To  set  the  required  signal  response threshold.  shift  slide-switch S3 and  code-switch slides S4.1-S4.4 to positions specified in Table 4. Figure 5 gives an example of positions of slides S4.1-S4.4 for threshold value of gamma-radiation field equivalent dose rate of 1.1 μSv/h ( 110 μR/h).



S4.8 - "0"
S4.7 - "0"
S4.6 - "1"    Correspond to
S4.5 - "1"    the threshold
S4.4 - "1"    value of 1.1
S4.3 - "0"    μSv/h ( 110
S4.2 - "1"    μR/h) with
S4.1 - "0"    slide-switch
              S3 in the
              lower position

Fig.5

7.5.4. Replace the cover-filter. Shift slide-switch S2 to the lower position ("S/B" - "STAND BY") and switch on the instrument. If an excess of the preset

threshold value is detected the instrument responds with a continuous sound signal.

Table 4

| Signaling response threshold value, μSv/h (μR/h ) | Indicator reading corresponding to the threshold | S3 positions | S4 positions | | | |
|---|---|---|---|---|---|---|
| | | | S4.1 | S4.2 | S4.3 | S4.4 |
| | | | 800 | 400 | 200 | 100 |
| 0.1 (10) | 0100 | Lower | 1 | 1 | 1 | 1 |
| 0.2 (20) | 0200 | -||- | 1 | 1 | 1 | 0 |
| 0.3 (30) | 0300 | -||- | 1 | 1 | 0 | 1 |
| 0.4 (40) | 0400 | -||- | 1 | 1 | 0 | 0 |
| 0.5 (50) | 0500 | -||- | 1 | 0 | 1 | 1 |
| 0.6 (60) | 0600 | -||- | 1 | 0 | 1 | 0 |
| 0.7 (70) | 0700 | -||- | 1 | 0 | 0 | 1 |
| 0.8 (80) | 0800 | -||- | 1 | 0 | 0 | 0 |
| 0.9 (90) | 0900 | -||- | 0 | 1 | 1 | 1 |
| 1.0 (100) | 1000 | -||- | 0 | 1 | 1 | 0 |
| 1.1 (110) | 1100 | -||- | 0 | 1 | 0 | 1 |
| 1.2 (120) | 1200 | -||- | 0 | 1 | 0 | 0 |
| 1.3 (130) | 1300 | -||- | 0 | 0 | 1 | 1 |
| 1.4 (140) | 1400 | -||- | 0 | 0 | 1 | 0 |
| 1.5 (150) | 1500 | -||- | 0 | 0 | 0 | 1 |
| 1.6 (160) | 1600 | -||- | 0 | 0 | 0 | 0 |
| 1 (100) | 0100 | Upper | 1 | 1 | 1 | 1 |
| 2 (200) | 0200 | -||- | 1 | 1 | 1 | 0 |
| 3 (300) | 0300 | -||- | 1 | 1 | 0 | 1 |