RISCO
G R O U P

March 12, 2008

American TCB
6731 Whittier Ave
Suite C110
McLean, VA 22101
Attn: Mr. T. Johnson, Examining Engineer

RE: your e-mail dated March 11, 2008; Risco Ltd.
FCC ID:JE4RWSAL433, ATCB005951

2nd Reply to ATCB remarks for WisDom panel

1) The siren manual was not up to date, and the description of this function was wrong. An update manual which explains the real operation of this function was uploaded on March 12, 2008 – please refer to file "User_manual_18076_rev1".
To summarize the method of work:
The Parameter of [1][1][9] is sent to the siren during initialization. After that the siren send a supervision signal every xxx minutes, as defined by this parameter. The panel is only monitoring the supervision signal received from the siren and from all the transmitters. Parameter [1][3][3] only defines after what period of time in which no supervision signal as received from the siren or a transmitter, this unit is declared as lost and an alarm or report to central station is produced.

2) The manual and the label were updated accordingly and uploaded on March 12, 2008. Please refer to files "User_manual_18077_rev1", "Label_18077_rev", "Label_location_18077_rev1".

3) The panel has 3 types of event that cause transmissions Alarm, Tamper and Initialization:

Alarm: will trigger transmission of one burst.

If no Ack from siren, up to 7 repetitions will be made.

Since alarm has not timing requirement, this is compliant with FCC requirements 15.231a(4).

Tamper: will trigger transmission of one burst.

If no Ack from siren, up to 7 repetitions will be made.

Since tamper (alarm) has not timing requirement, this is compliant with FCC requirements 15.231a(4).

Initialization: will trigger transmission of one burst.

If no Ack from siren, up to 7 polling transmissions will be made.
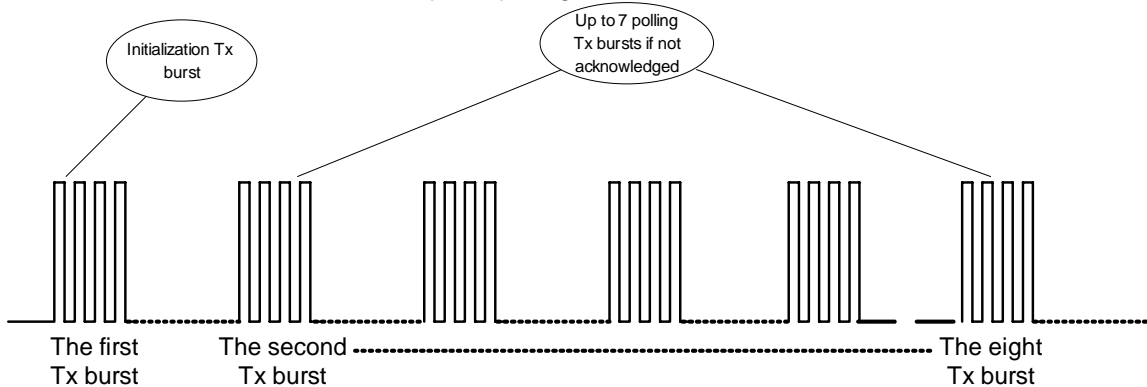
First burst of 60.2 ms considered initialization and ceases within 5 s.

Polling transmissions (7 in worst case) start if no acknowledgement was obtained on initialization transmission to check system integrity. The total "Tx ON" time of 7 (in the worst case) transmissions is

60.2 ms (burst length) x 0.5 (35% duty cycle) x 7 (number of bursts) = 210.7 ms within 1 hour.

Since initialization only happens when the system is 1st installed, then the above calculation represents the absolutely worst case during the first hour of the system operation.

Sincerely,

Efi Goren,
Certification Engineer
Risco Ltd.