Case Study at DCAP, Suwanabhum Airport



Turbine Generator



The older system at their generator non-drive side





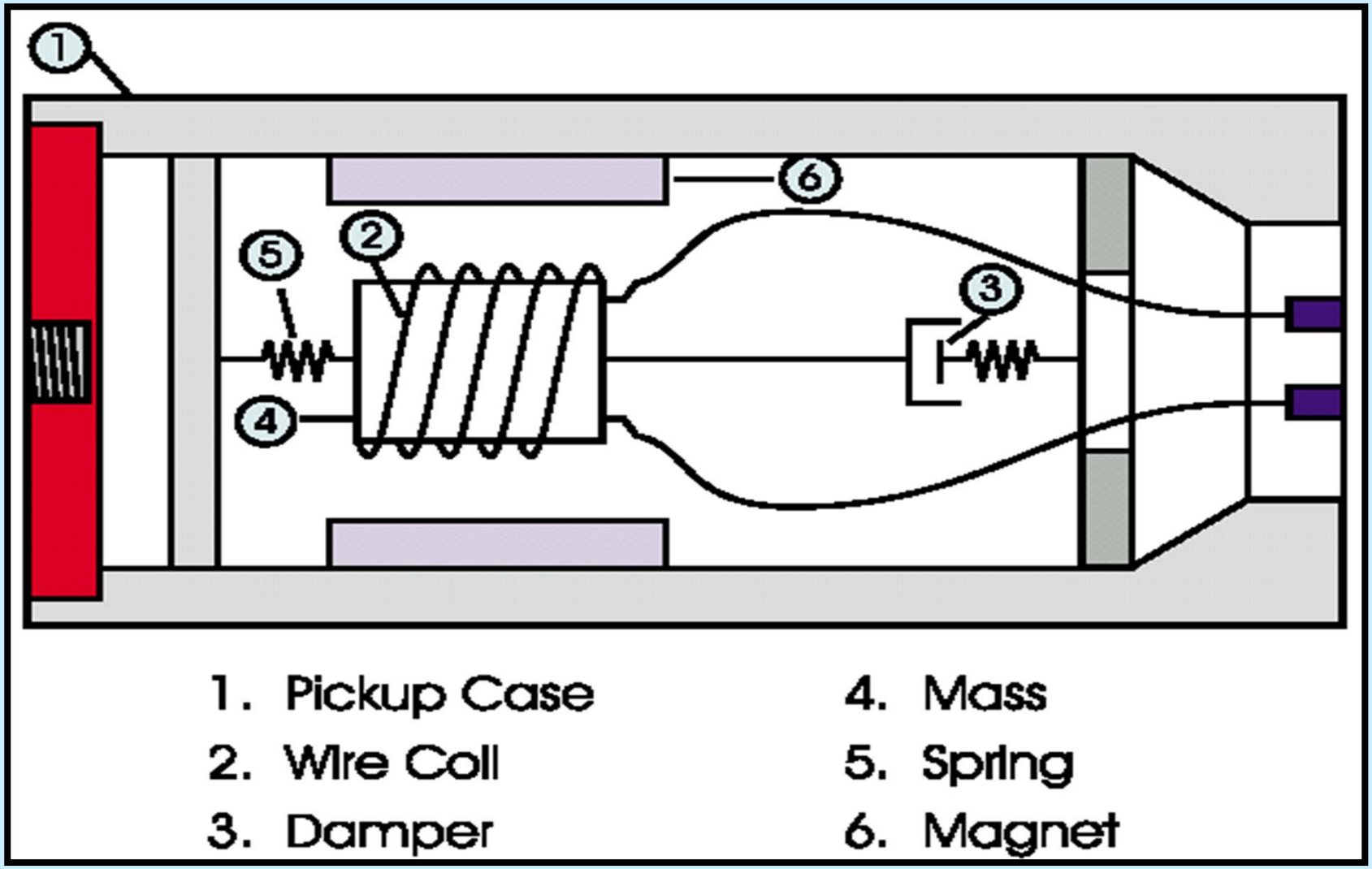
Monitor : Metrix 5544
Velocity Signal Conditioner
Sensor : Metrix 5485C
Seismic Velocity Sensor

Seismic Velocity Type

- More heavy, too difficult to install and calibrate
- Less sturdy due to its components
- Can be induced due to its wire coil inside by near-by radio wave

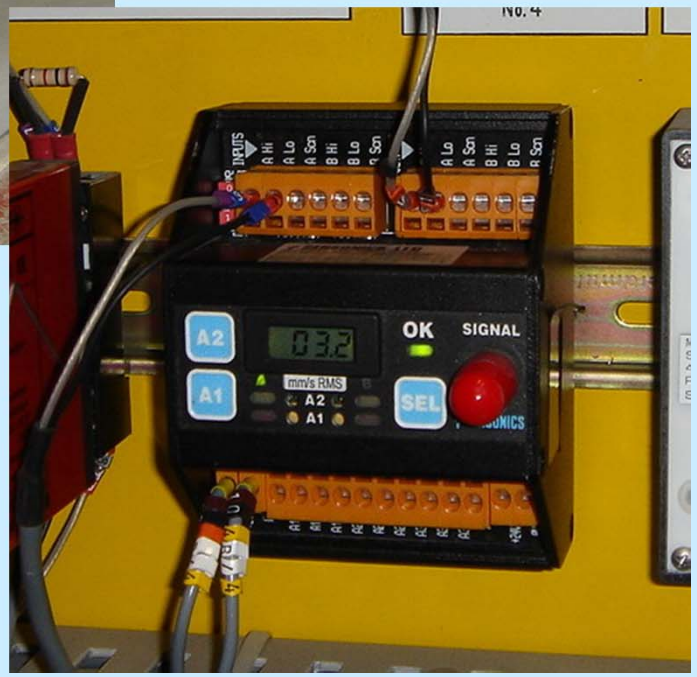
Seismic Velocity Principal

Velocity = The Displacement Per Time, Normal Output is 100 mV/inch/sec, Pk



After replacement with our system





Monitor : Sensonics DN2601
Vibration Monitor
Sensor : Wilcoxon 787A
Accelerometer

Correct their inducement problem!