Documentation for DA in vivo data set

For each cell there are two types of data (in the .mat format) files:

1. CellX_ccc.mat – contains spontaneous activity with zero current injection. It contains the following variables
    a. trace- voltage trace for the cell. Unit: Volts
    b. fs – sampling frequency. Unit: Hz
2. CellX_iv.mat – contains activity with hyperpolarizing current injections
    a. ivals – current injection values. Unit: Amperes
    b. ions - onset of current injection. Unit: secs
    c. iofs - offset of current injection. Unit: secs
    d. fs – sampling frequency. Unit: Hz
    e. ivinfo – three column matrix, with time in column 1 (secs), voltage in column 2 (Volts), current value in column 3 (Amperes)