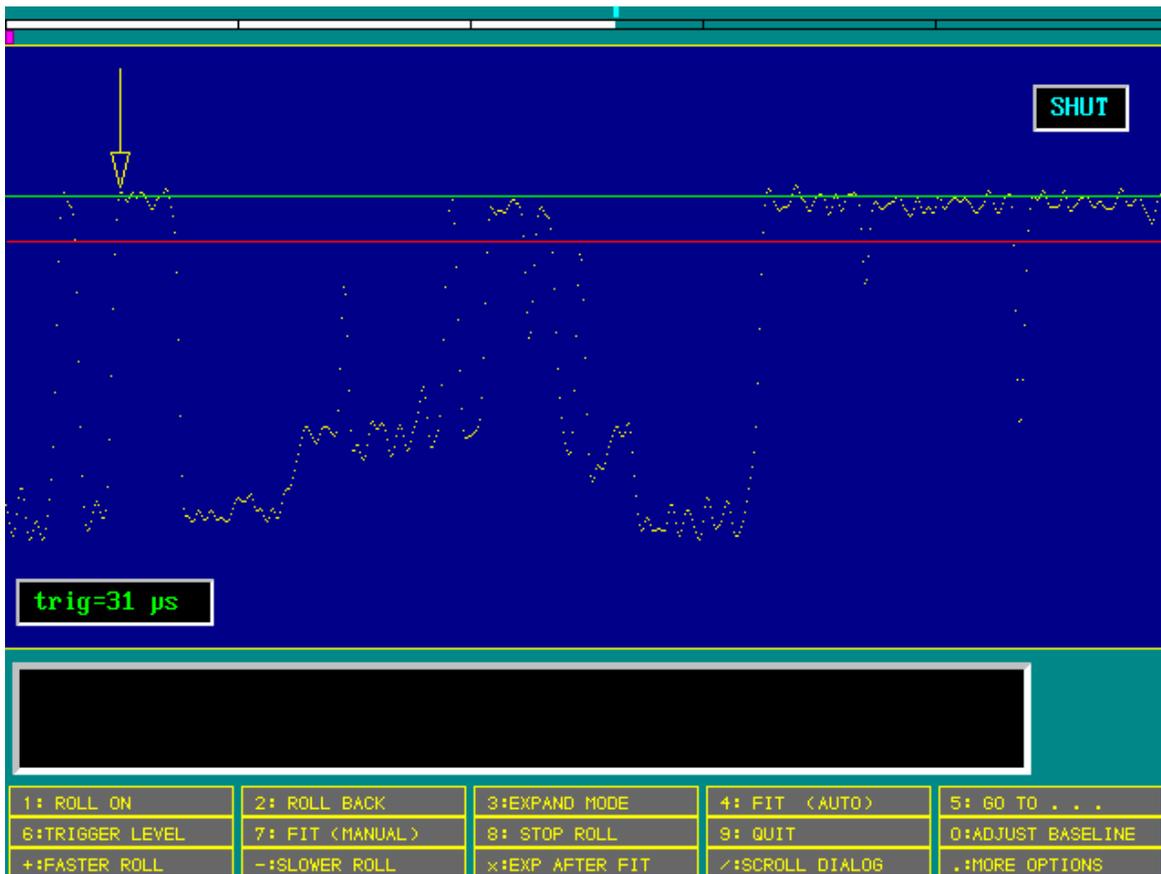


The SCAN screen before a fit



Screen appearance while scrolling through the data.

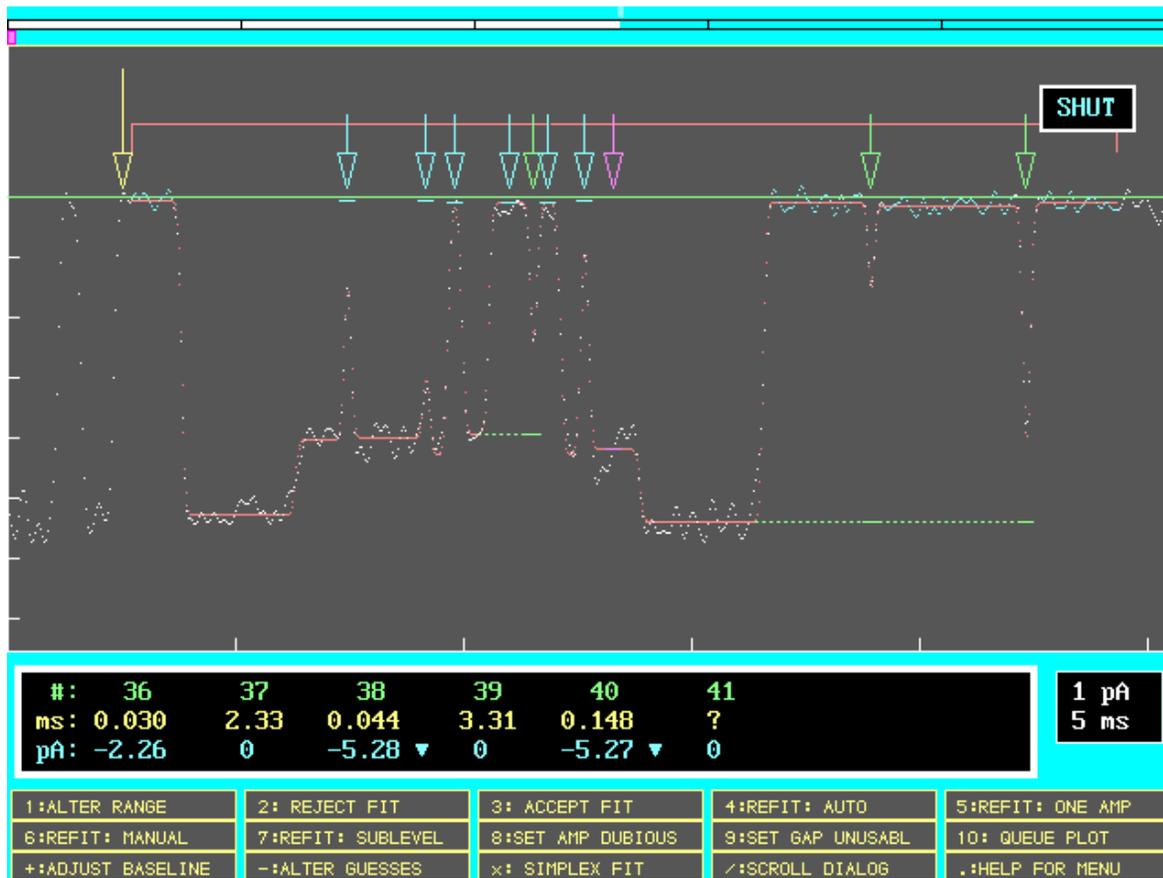
The yellow arrow marks the last transition to be fitted.

The green line is the baseline (shut level) from the most recent fit.

The red line is set such that the rolling display will stop when this line is crossed (it isn't used for fitting). In this case the red line is at a distance from the baseline that corresponds (in the absence of noise) to a 31 microsecond opening (lower left).

Control is via the numeric keypad, according to the menu at the bottom, e.g, hit 3 to expand the display.

Screen after hitting 4: FIT (AUTO) on the menu



The region fitted is shown by the red bracket at the top. The label 'shut' (top right) shows indicates the state of the channel at the end of the fit.

The red line through the data is the fitted line that corresponds to the amplitudes and durations listed in the box below the data window.

The blue arrows indicate fittings of shut times that are not long enough to reach the baseline, but are assumed to be brief complete shuttings.

The green arrows indicate fittings of open times that are not long enough to reach a clear plateau: their amplitude must therefore be assumed and is set to the amplitude of the nearest long opening, as indicated by the dashed green line.

(for details, see Colquhoun, D. & Sigworth, F. J. (1995). Analysis of single ion channel data. In Single Channel Recording, Sakmann, B. & Neher, E., pp. 483-587, Plenum Press, New York.)