The resulting "TAMD picks" represent the
mean time, amplitude, moveout and dip of
the seismic event over a space gate of
width SMASH depth points. The move-up
rate is another important consideration.
It refers to the number of depth points
between the centre of each successive dip
scan set and for these lines was made equal
to the SMASH rate to give a continuous suite
of dip scan sets.

o   Output to magnetic tape the event files
    for each Space/Time gate -

    After the event detection is performed for
    all space points in each time gate the
    Event files are written on magnetic tape.

o   Extensions of the Event files in each time
    gate to produce work files -

    Using search windows in time, amplitude,
    moveout and dip, the picked seismic events
    from neighbouring dip scan files can be
    correlated and those evolving from the same
    seismic horizon identified and connected.
    This process is called Extension and the set
    of connected seismic horizon events are
    termed Segments which are output as Work
    (Segment) files.