```
      procedure recovery_protocol(p)
      % Executed by recovering participant p
1         R := set of DT-log records regarding transaction
2         case R of
3             {}:                          skip
4             {start}:                     decide ABORT
5             {start,no}:                  decide ABORT
6             {start,vote,decision}:       skip
7             {start,yes}:
8                 while (undecided) do
9                     send [HELP, transaction] to all participants
10                    set-timeout-to 2δ
11                    wait-for receipt of [REPLY: transaction, reply] message
12                        if (reply ≠?) then
13                            decide reply
14                        else
15                            if (received ? replies from all participants) then
16                                decide ABORT
17                    on-timeout
18                        skip
                  od
          esac
      end
```