

Heads-up Computing, Drive-Compute (DC), Compute and Keep Driving (CKD)

§ You can use the stream (or “proph memory”) without visual feedback, via interactive audio.

§ Get in your car, drive; speak: *five top thing on my stream*—meaning five latest arrivals; or *everything in the last half hour*. Audio response: “email from Bob Schwartz”; pause. “News from WSJ, headline Greek riots”; pause. “Email from Tom Schapiro;” in the pause you say *Subject?* Response: “Security problem on main server”; you say *Read it*. Response: system starts reading. Partway through, you say: “OK; send a reply; let’s meet first thing in my office, around 9.”

§ Now you say *Tell me what’s coming up*. [I.e., look at the stream’s future.] Response: “At 9:20, meet with Miss Bloom.” Pause. “At 9:30, meet with Stroock lawyers.” Pause. “At 10:00, call with BP.” Pause; you say, *Back one*. Response: “At 9:30, meet with Stroock lawyers.” You say, *Mail to Laure: Phone Stroock; say that I need to postpone this morning’s meeting*. OK.

§ (When you tell the system to “say something” on the phone, it can put a recording of your voice into the phone message. For plain email, the system turns your voice into words—though it can always insert your voice if it has problems transcribing.)

§ If you have the stream make a phone call for you, instead of phoning yourself from the car, you save time (computer dials & waits for someone to pick up), and you have a record of the call on-stream.

§ Or you can insert calls directly into the stream, and keep a recording on-stream: say *Phone Melissa*. The system dials; the call is recorded; when you look back over the stream, the complete phone call is on-stream between (say) email from Schwartz and a memo from Feinstein.

§ Now you say *Previous*. Response: “At 9:20, meeting with Miss Bloom.” You say, *Mail Miss Bloom: I need to postpone; check with me later*. The system transcribes your words and sends the email.

§ Then you say *Go back to the thing about Greek riots. Read it.* The system searches most recent events, reads the news story. Say *What have we got on this guy Aristides?* The system looks for match between spoken name & recent words it's said; otherwise, asks you "Spell it"; then, searches against the stream.

§ If there are pictures in news, messages, memos and so on, the system can commandeer a dashboard screen and display pictures. (Optional; maybe we don't want this.)

§ If you're listening to music and new info shows up on stream, the system can break in.

§ Tune to the "Stream Channel" to find this system.