

# ●Notes For SLCC Zoom Meeting 11-11-2025

- Hosted by Kevin

- In Attendance, Kevin, Robbie, Don, John, Ron, Scott, and Bob

- Meeting summary

## ●Quick recap

- The group discussed technical challenges with audio connections and personal updates, including Kevin's assistance with his father's house and a custom computer case project. They explored various hardware topics including printer cases, sound chips, and motherboard developments for different Atari systems, with particular focus on the 1450 XL and Tong board projects. The conversation concluded with discussions about home improvement projects, network connectivity issues, and the relative sizes and capabilities of different computer systems like the Atari ST and Amiga.

## ●Next steps

- Kevin : Test fit both the 1450 short board and tong board into the 3D printed case when he gets home this weekend

- Kevin : Follow up with the company link for printing the complete case in one piece

## ●Summary

### ● Technical Troubles and Solar Storm

- The group discussed technical difficulties with audio connections. They briefly discussed a major solar storm approaching Earth, with Don noting it would cause the Northern Lights to appear. The conversation concluded with Kevin describing a custom computer case he had printed at home using a Bambu printer, which was nearly perfect despite being a single prototype.

### ● 1450 Printer Case Prototype Update

- The team discussed printing a new case for a 1450 printer, with Kevin reporting that a prototype has been created using 3D printing. The new case is nearly indistinguishable from the original, with only minor color differences and lack of texture. Kevin plans to test fitting both a 1450XL and Tom Ward motherboard into the new case over the weekend.

## ● Tong Board and 1450 XL Discussion

●The group discussed the Tong board, which is the final version of the 1450 XL motherboard before Atari canceled the project. Kevin explained that it includes custom ROMs that have been dumped and are available for programming. They also talked about Lenore's work on the 1250 board, where she is trying to get the sound to work and needs to make some adjustments to accommodate a stereo POKEY chip. The conversation touched on the lack of software for the 1450 board, as it was never released, though there is speech functionality built into the system.

## ● Sound Chips and Falcon Updates

●The group discussed the availability and specifications of various sound chips, including the Votrex SC02, used in different models of computers. They also talked about Westronic's plans to redesign and update the Falcon motherboard, which is still in development and facing some issues. Kevin mentioned that he might receive a test unit of the new board, though he is lower on the priority list. The conversation briefly touched on John's recent birthday and his current busy schedule, as well as his interest in new games for the Jaguar.

## ● Crestview's Geography and Local Life

●Don shared that he lives in Crestview, Florida, which is 40 miles inland and 300 feet above sea level, making it the highest city in Florida. The group discussed the local geography and weather, with Don noting that Crestview serves as an evacuation center for coastal areas during hurricanes. Scott humorously commented on the potential for global warming to affect Don's oceanfront property, while the group also addressed network connectivity issues affecting Scott's video quality. Bob mentioned working on a project for a reunion and clearing brush on his property, contrasting with Scott's method of burning brush to reduce landfill waste.

## ● Home Faucet Repair Experiences

●The group discussed home improvement projects, with Richard sharing his experience of replacing quarter-turn valves and fixing a kitchen faucet issue by cleaning debris from the cartridge using a bike compressor. Chris mentioned having a similar faucet problem where debris prevented proper hot water flow, though his situation required professional repair. The conversation concluded with general discussion about home maintenance tools and techniques, including the use of vice grips and hammers for repairs.

## ● Water Leak Detection Solutions

●Scott shared his experience with a leaking motion-activated faucet, which caused mold growth and required him to replace the cabinet bottom and install a water sensor. The group discussed various water leak incidents, including Robbie's use of water sensors to detect leaks and automatically shut off the water. Don mentioned that the HF bands used for long-distance ham radio communication were currently dead due to a solar storm.

## ● AI Ads and Football Talk

●The group discussed network issues caused by solar radiation affecting Earth's magnetic sphere, with Kevin explaining that AI-generated advertisements featuring celebrities like Kevin Hart and Snoop Dogg are becoming common. They also had an extensive discussion about college football,

particularly focusing on Texas A&M's undefeated season and the significance of high school football in Texas, with John mentioning his daughter's high school team's playoff success.

### ● Amiga Development and Machine Variants

●Chris recently changed jobs internally and has been engaging in vibe coding and working with AI in his free time. At Aml West, he presented a display featuring contemporary Amiga hardware and demonstrated early Amiga development processes with Dale Luck, showcasing how developers would inject code into early machines over serial connections. Chris noted that unlike Atari, Amiga continues to see frequent new machine variants, though he wasn't sure why this trend persists.

### ● Atari ST vs Amiga Discussion

●The group discussed the relative sizes of the Atari 8-Bit and Atari ST communities, with Kevin estimating the ST community to be 50% larger. They compared the technical capabilities of the ST and Amiga systems, noting that the Amiga had better expandability and a more hacker-friendly OS. The conversation touched on various hardware solutions for emulating other systems on both the ST and Amiga platforms, including the "Magic Sack" for STs and bridge boards for Amigas. The group also discussed the high cost of RAM in the 1980s and early 1990s, which led to various cost-saving measures in computer design.