DANNER'S PUZZLE -- NETWORKING

Danner sometimes uses computers to catch a troublemaker.

The grid below represents 256 computer terminals, one per square. Divide them into 10 different networks as follows:

- (1) Connect 1A to 1B, 2A to 2B, etc. by forming a path traveling through adjacent terminals (up, down, left, or right, but not diagonally). Working on Part (4) at the same time might be useful.
- (2) Every terminal will be used in exactly one network.
- (3) No network contains all four terminals in any 2x2 square (so, no hairpin turns).
- (4) Assign one letter to each terminal (including the numbered ones), so that the words clued by the corresponding Network Plans on the following page can be read in order as a string in both directions, once from A to B and once (using the same letters, in reverse order) from B to A.

When you are done, check your new system using the Data Compression module on the following page.

			1A										
	2A												
					3A								
4A								5A			6A		
				6B									
	7A			4B									
						7B							
		8A								9A			
		10A											
			5B					3B					
						10B						9B	
									2B				
							8B				1B		

NETWORK PLANS

- 1A to 1B: One showing teeth for a photo / First woman Speaker of the U.S. House of Representatives / Keyboard shortcut / Retirement savings (2 words) / Fray or come apart
- 1B to 1A: Reading Rainbow's Burton / Chunk of gold or chicken / Mister in Mexico / Short negligee, essentially / Qualifying rounds of a race, for short
- 2A to 2B: Temporary badges often starting with "Hello" / Refer obliquely / Congregated / Italian herb
- 2B to 2A: Donkey-like wild Asian beast / Texas city in the film "Friday Night Lights" / Brainstem parts / Attendant at a blocked entryway
- 3A to 3B: Makes drinkable, as ocean water / Numerical gasoline ratings / Marathoner Joan / Lacking variety, as in music or a performance (2 wds) / Like some Fridays at the office / Stretched to see
- 3B to 3A: North Macedonia currency / Surname of Christmas bigwig / Solvent for removing paint or polish / Vague or whimsical idea / Buddy who played a TV Clampett / With no markup added (2 wds) / Emitted a coherent beam
- 4A to 4B: Solidarity leader Lech / Longest word in GO square on a standard Monopoly board / Hammer user
- 4B to 4A: Needing help, or 1980's Plymouth model / Stringed instrument / Legal precedents, collectively (2 wds)
- 5A to 5B: In need of a nap / Bacterial infection, for short / Sometimes-maligned brand of colorful shoes with holes
- 5B to 5A: Leave burn marks on / Pigeon left holding the bag / Sharp metal weapon
- 6A to 6B: Gap between typed words / Hairlike projections from cells / More pithy or succinct / Turner portrayer Angela / Pass, like time / Epic Greek tales / Befitting a monarch
- 6B to 6A: Some beers / Newspapers delivered every morning / Paint mixing boards / Skaters from Buffalo / More than wholesale / Pole coverings (2 wds)
- 7A to 7B: Very buoyant wood / Shopping center
- 7B to 7A: Woolly Peruvian quadruped / Plank of meat or stone
- 8A to 8B: Santa _____ Park, a California racetrack / Beatles song with a barber, banker, and fireman (2 wds) / Comedy pianist who dedicated all his works to the public in November 2022 / Seedy or run-down dwelling (2 wds) / Placed in the wrong place
- 8B to 8A: Round things phones used to have / Convey or pass along, as knowledge or momentum / Road or roof worker, often / Capital city near Butte / ELO composer Jeff / Pleasing sheen or film caused by age
- 9A to 9B: Sunken or recessed, like a bloodhound's eyes (hyph) / Low pH soak to remove metal oxide (2 wds) / Applier of a thin layer of precious metal
- 9B to 9A: Indicator for traffic to stop (2 words) / Give up, as a throne / Velocity
- 10A to 10B: Advantage provided by a fulcrum / Double agents / Exits the scene
- 10B to 10A: Guitar or helmet attachment / Famous auto flop / Greek alphabet ender / Celebrate boisterously

DATA COMPRESSION

Body part

Chilling

Happiness

Animal sound

Unit of volume

Cutter

Pizza ingredient

Type of toast

Push away

Meat for the grill