House-Cooling Party
by Ucaoimhu

In this puzzle,

(1) Half of the Across clues contain a word that must be cooled down; take the first letter after each such word to spell an appropriate term.

(2) The other half work normally, but their answers, by the time they enter the grid, are all somewhat the worse for wear; the term from part (1) will (audibly) tell how to reattach the pieces that have fallen off.

All Down clues and answers work normally.

ACROSS

1. One who makes huts in dire, dire garb
6. Jan’s successor left that one suit
8. Cellist stripped for mystery writer Peters
9. Categorize varmint’s foot bone
11. Wee person approaching a shore gets dinghy finished
12. Watch Republican shaping lyrical Latin
13. Stop losing hold of freedom
14. Skirt 1002 hovering oxen, finally
15. Monarchs claiming badly exaggerated revenues
16. Quote about lab-dweller’s orange chemical

DOWN

1. They help with one’s superiors (8)
2. Steer’s operated on and returns to its original condition (6)
3. Stand up to G-man lifting club (4)
4. Time to tell what rubber is for? (7)
5. Nonsense about Ivy Leaguers striking English monarch’s supporter (8)
7. Graceful alien has one after-limb (7)
10. Hauling around missing $1000 using a sled (6)
12. Veal irritated soft palates (4)