Dad's Puzzle

This is the starting positions for the movable parts of the puzzle.

The goal is to move the large square from the top-left corner to the bottom-left corner. The minimum of moves is 59.

An easier "solution" is to move the large square to the bottom-right corner.

Find more information online:
https://en.wikipedia.org/wiki/Klotski

Dad's Puzzle Solution

Small blocks to right. Big block down. Long block to left.
Long block up. Small block up and to right. Big block to right.
Long block up. Three long blocks to left. Small blocks down.
Big block right. Long block right. Long block up.
Long blocks to left. Small block left and up. Long block right.
Long block down. Small blocks left. Long block up.
Long block to right. Small block down and to left.
Long block down. Long block to right. Small blocks up.
Long block to left. Long block down.
Small block right and up. Long blocks up. Long block to left.
Big block and long block down. Small blocks right.
Long block down. Long block left. Small block up and to right.
Long blocks to right. Long block up. Long block and big block left.
Small blocks down. Long blocks to right. Long block up.
Big block left. Small block left and up. Long block up.
Long block to the right. Big block down. DONE