$$\Psi_{63} = C_1 \left(i \left| 002u \right\rangle - \left| 00u2 \right\rangle - i \left| 020u \right\rangle - \left| 02u0 \right\rangle + i \left| 0u02 \right\rangle - i \left| 0u20 \right\rangle + i \left| 200u \right\rangle + \left| 20u0 \right\rangle - i \left| 2u00 \right\rangle + \left| u002 \right\rangle - \left| u020 \right\rangle + \left| u200 \right\rangle \right)$$

$$C_1 = \frac{-1}{2\sqrt{3}}$$