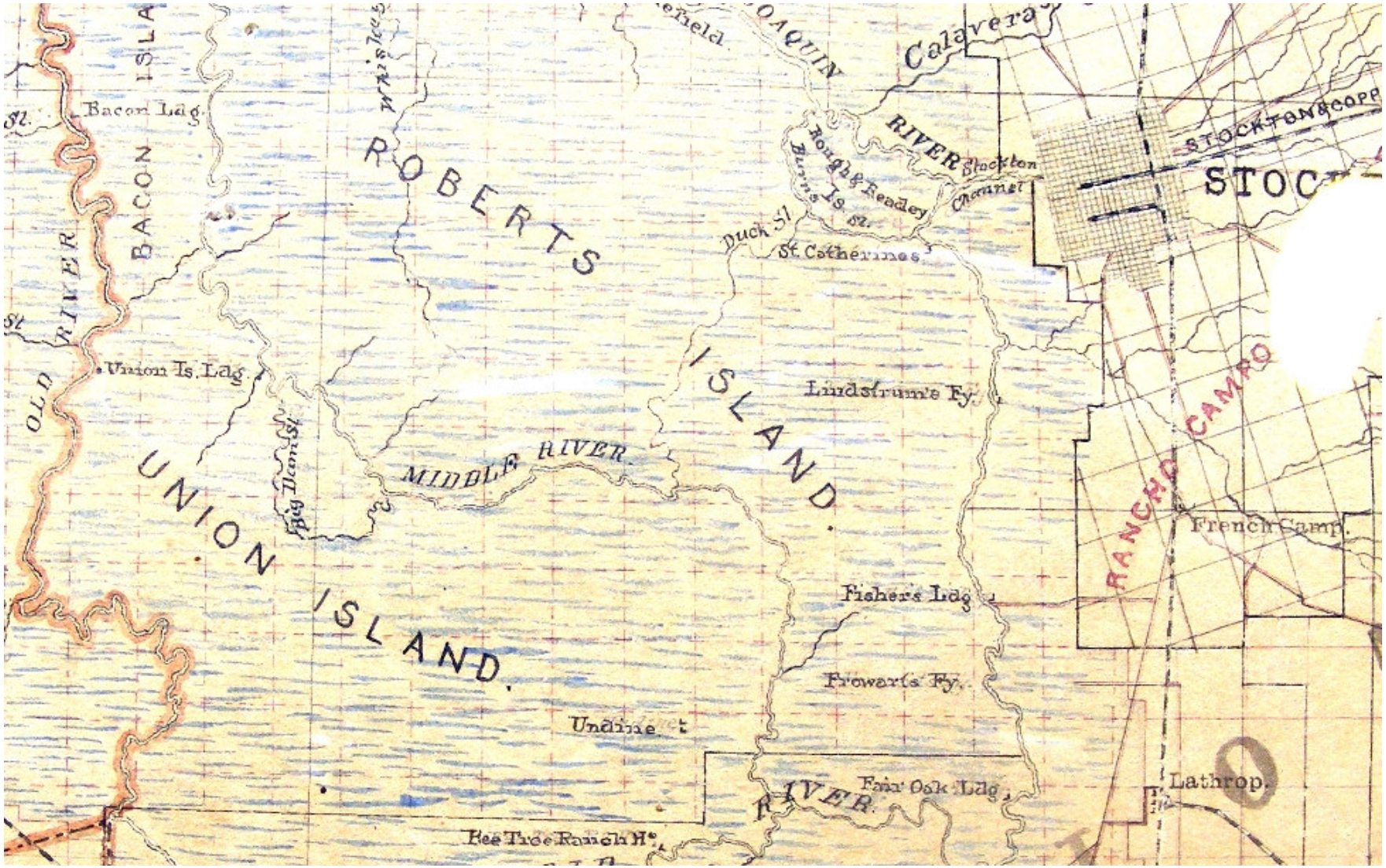1870 Tidal Map