

ton Abbot, Eng., 1962), 7, 35, 74; William Salisbury, "Early Tonnage Measurement in England," *Mariner's Mirror* 52 (1966): 41-51, 173-180, 329-340; 53: 251-264. A wine ton was 58, 212 cubic inches. Ronald Edward Zapko, *British Weights & Measures: A History from Antiquity to the Seventeenth Century* (Madison, Wis., 1977), 149. 1,728 cubic inches make 1 cubic foot. For possible dimensions of the *Ark*, see Lois Green Carr, the *Ark* and the *Dove*, ms. research report, St. Mary's City Commission, Hall of Records, Annapolis, Md.

(46) On the size of the *Dove*, see *A Relation of Maryland* in Hall, ed., *Narratives of Early Maryland*, 71, (50 tons); *The Calvert Papers, Number Three*, Maryland Historical Society, *Fund Publication, No. 35* (Baltimore, Md., 1899), 15 (40 tons); *Narrative of a Voyage to Maryland*, Maryland Historical Society, *Fund Publication, No. 7* (Baltimore, Md., 1874), 13 (40 tons); James Kendall Hosmer, ed., *Winthrop's Journal "History of New England," 1630-1649*, 2 v., (New York, 1908; reprinted, 1966) 1: 131 (40 tons). On the joint stock venture, see Menard, "Economy and Society in Early Colonial Maryland" 29-30, 32, 33, 46.

(47) Michael Oppenheim, *A History of the Administration of the Royal Navy and of Merchant Shipping in Relation to the Navy from MDIX to MDCLX with an Introduction Treating of the Preceding Period* (London, 1896; reprinted, Ann Arbor, Mich., 1961), 82-83, 144; *Maryland Historical Magazine* 1 (1906): 352-354; *A Relation of Maryland* in Hall, ed., *Narratives of Early Maryland*, 97.

(48) *Ibid.*, 93-99.

(49) *Narrative of a Voyage to Maryland*, 35; *Maryland Historical Magazine* 1 (1906): 352-354.

(50) *Ibid.*; *Archives* 3: 23; Lord Baltimore to Sir Thomas Wentworth, Earl of Strafford, Jan. 10, 1633 [/34], quoted in Scharf, *History of Maryland* 1: 68.

(51) "Instructions," printed in Hall, ed., *Narratives of Early Maryland*, 16-23.

(52) *Ibid.*

(53) Jan. 10, 1633 [/34], quoted in Menard, *Economy and Society in Early Colonial Maryland*, 37.