

*Sounding.*—The apparatus used to obtain soundings consisted of—(1) a deep-sea sounding line; (2) a reel on which this line was kept; (3) a number of sinkers; (4) an apparatus for detaching the sinkers when they reached the bottom, technically termed a sounding rod; (5) some iron wire and discs to attach the sinkers to the disengaging

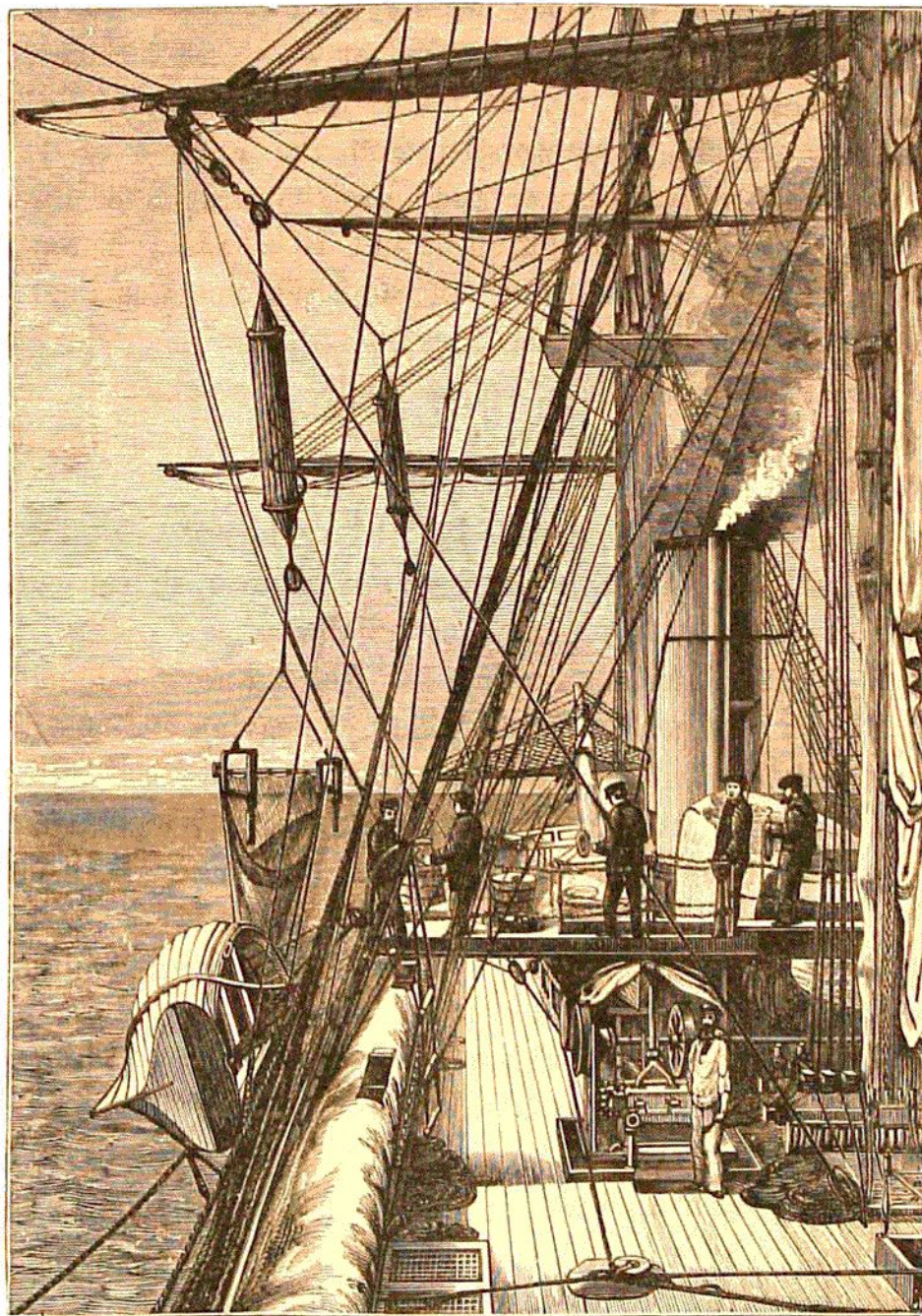


FIG. 12.—Dredging and Sounding arrangements on board the Challenger.

apparatus during their descent; (6) a number of india-rubber bands, technically termed accumulators; and (7) some iron gin-blocks with patent sheaves for the line to reeve through.

*Sounding Lines.*—Two kinds of sounding line were supplied, the first being 1 inch  
(NARR. CHALL. EXP.—VOL. I.—1884.)