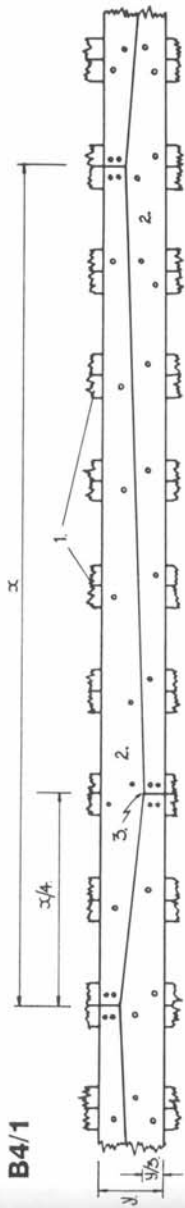
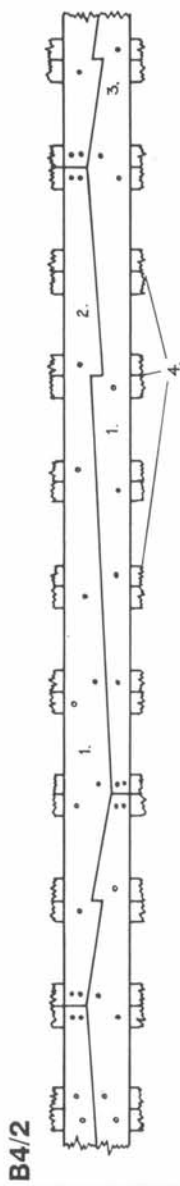


B4 INTERNAL AND EXTERNAL PLANKING TECHNIQUES (1/48 scale)

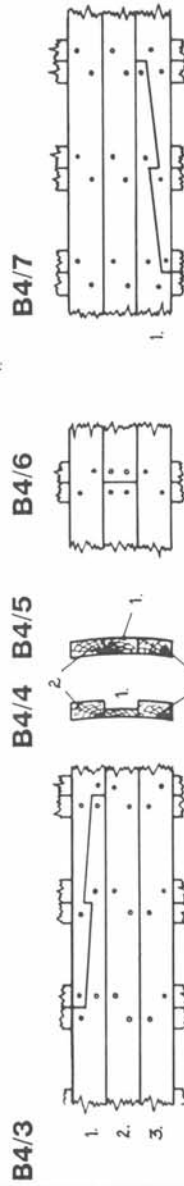
B4/1 Top and butt planking (employed for the spirketting and later for the solid built main wale and the various bands of thickstuff)
 1. Main timbers (or frames)
 2. Single plank, fashioned top and butt
 3. The 'touch' of the plank



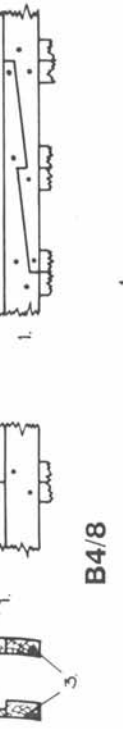
B4/2 Hook and butt planking (stronger fashion, usually employed for the solid built main wales)
 1. Single plank, fashioned hook and butt
 2. Long hook scarph
 3. Short hook scarph
 4. Timbers (or frames)



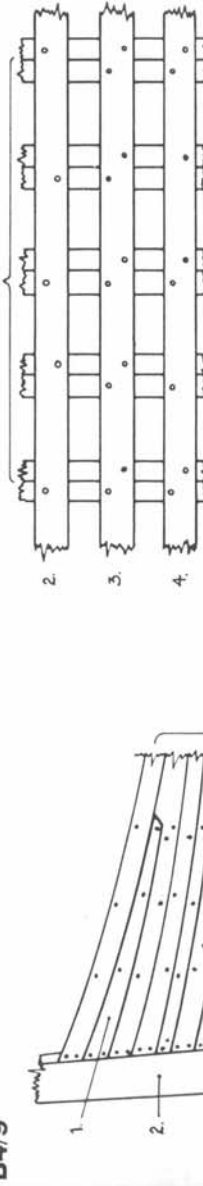
B4/3 Detail of the main wale
 1. Upper strake of main wale with hook scarph
 2. Filling strake (or plank between the wales)
 3. Lower strake of the main wale



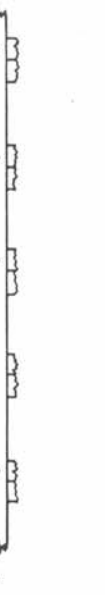
B4/4 Cross-section of the main wale, c1719
 1. Filling strake, half the thickness of the strakes of the main wale
 2. Upper strake of the main wale
 3. Lower strake of the main wale



B4/5 Cross-section of the main wale (solid built), c1730
 1. Filling strake (made up to thickness of the upper and lower strakes. Was often, during a transition period, built up with planking of suitable thickness over original filling strake)
 2. Upper strake of the main wale
 3. Lower strake of the main wale



B4/6 Butt joint of the filling strake
B4/7 Detail of the lower strake of the main wale
 1. Reverse direction hook scarph



B4/8 Methods of securing planking with trennals
Note The butt ends of the planks would have been secured with two nails or dumps
 1. Timbers (or frames)
 2. Single fastening method
 3. Double fastening method
 4. Combined single and double method



B4/9 Dropstrakes and stealers (no scale; worked in at the ends of the bottom planking strakes to reduce 'sny' at the hood ends. Either or both were employed as required. They were also used for planking the stem of the ship)
 1. Dropstrake
 2. Stern post
 3. Stealer
 4. Hood ends of the planks
 5. Rabbet of the stern post
 6. Bottom planking



B3/7 Hanging and lodging knees (1/48 scale)
 1. Beam
 2. Hanging knee
 3. Lodging knee
 4. Deck clamp
 5. Lining or quickwork
 6. Sirketting
 7. Main timbers or frames
 8. Filling timbers or frames
 9. Slot in beam end for ventilation
 10. Rebate in deck clamp for adjacent beam
 11. Bolts, joining hanging and lodging knees
 12. Bolts joining hanging knee to ship's side