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SIST ISO 7752-2:1997/ADD1:1997

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Lifting appliances — Controls — Layout and characteristics — Part 2 : Basic arrangement and requirements for mobile cranes ADDENDUM 1

Appareils de levage — Organes de service — Disposition et caractéristiques — Partie 2: Disposition et exigences de base pour les grues mobiles

ADDITIF 1

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Addendum 1 to ISO 7752/2-1985 was prepared by Technical Committee ISO/TC 96, *Cranes, lifting appliances and related equipment*.

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Page 5

Delete the title and text of the existing Section two, and insert the following.

Section two : Cross-shift — Multi-directional controls — Basic control arrangement and direction of movement

8 Crane with fixed length jib

8.1 Basic control arrangement

Basic controls shall be arranged as shown in figure 4. As an alternative, foot pedal(s) may be provided for luffing (see 8.2.3).

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Descriptors : handling equipment, lifting equipment, cranes (hoists), mobile equipment, control devices, layout, operating requirements.

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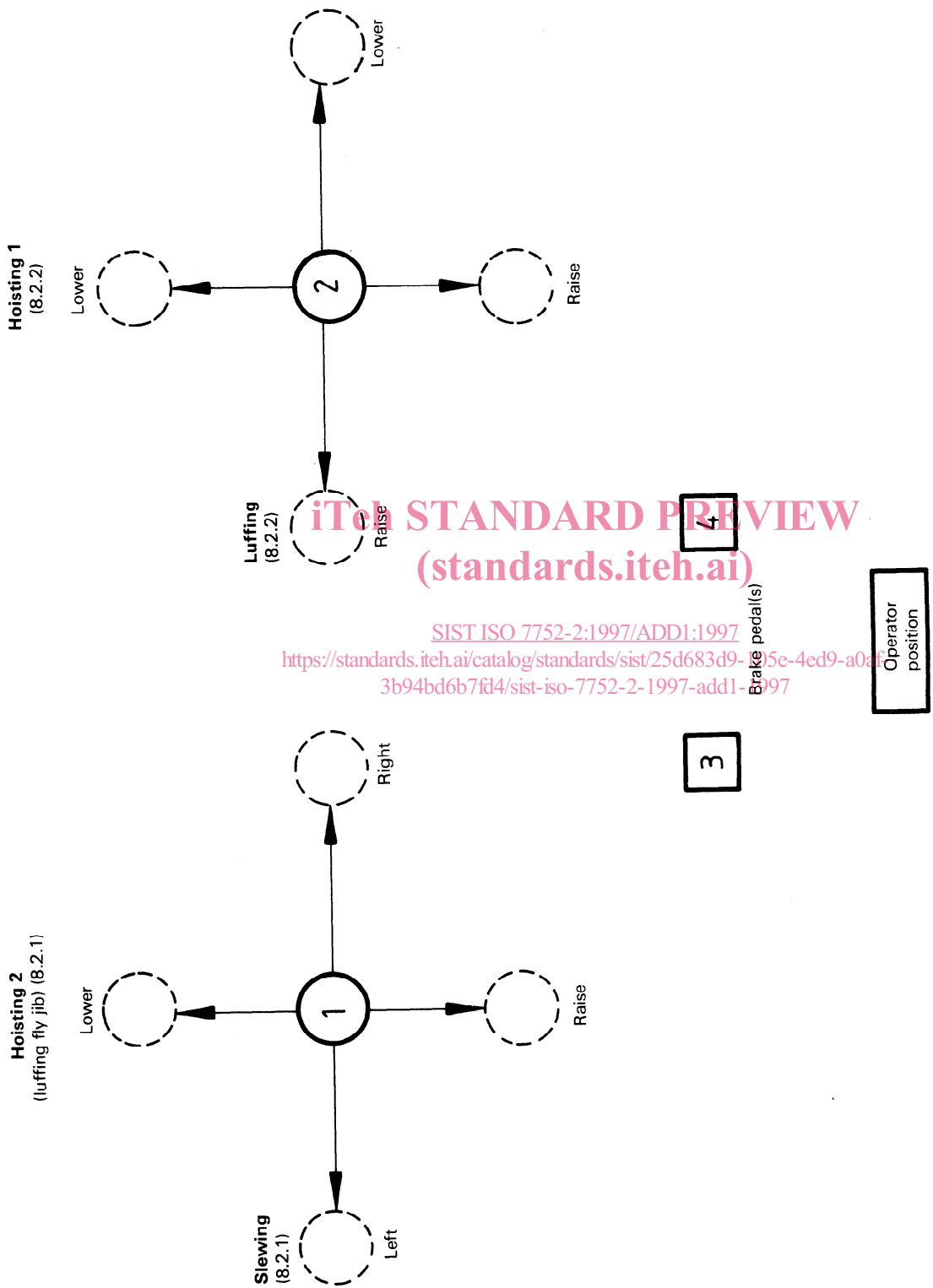


Figure 4 — Crane control diagram for crane fitted with a fixed length jib

8.2 Direction of movement

8.2.1 Hoisting 2 and slewing control — Hand lever 1 and foot pedal 3

8.2.1.1 Pull lever back to raise load or fly jib.

Centre lever to hold load (or fly jib) in position (if equipped with automatic brake), or control load by depressing brake pedal.

Push lever forward to lower load (or fly jib).

8.2.1.2 Move lever to the left to slew left.

Centre lever to release slewing power.

Move lever to the right to slew right.

8.2.2 Hoisting 1 and luffing control — Hand lever 2 and foot pedal 4

8.2.2.1 Pull lever back to raise load.

Centre lever to hold load in position (if equipped with automatic brake), or control load by depressing brake control.

Push lever forward to lower load.

8.2.2.2 Move lever to the left to raise jib.

Centre lever to hold jib in position.

Move lever to the right to lower jib.

8.2.3 Foot pedals 3 and 4

Foot pedals 3 and 4 may be used for luffing of jib if hoist drums are equipped with automatic brakes.

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9 Crane with telescoping jib

9.1 Basic control arrangement

Basic controls shall be arranged as shown in figure 5. As an alternative, a foot pedal may be provided for telescoping (see 9.2.3.2).

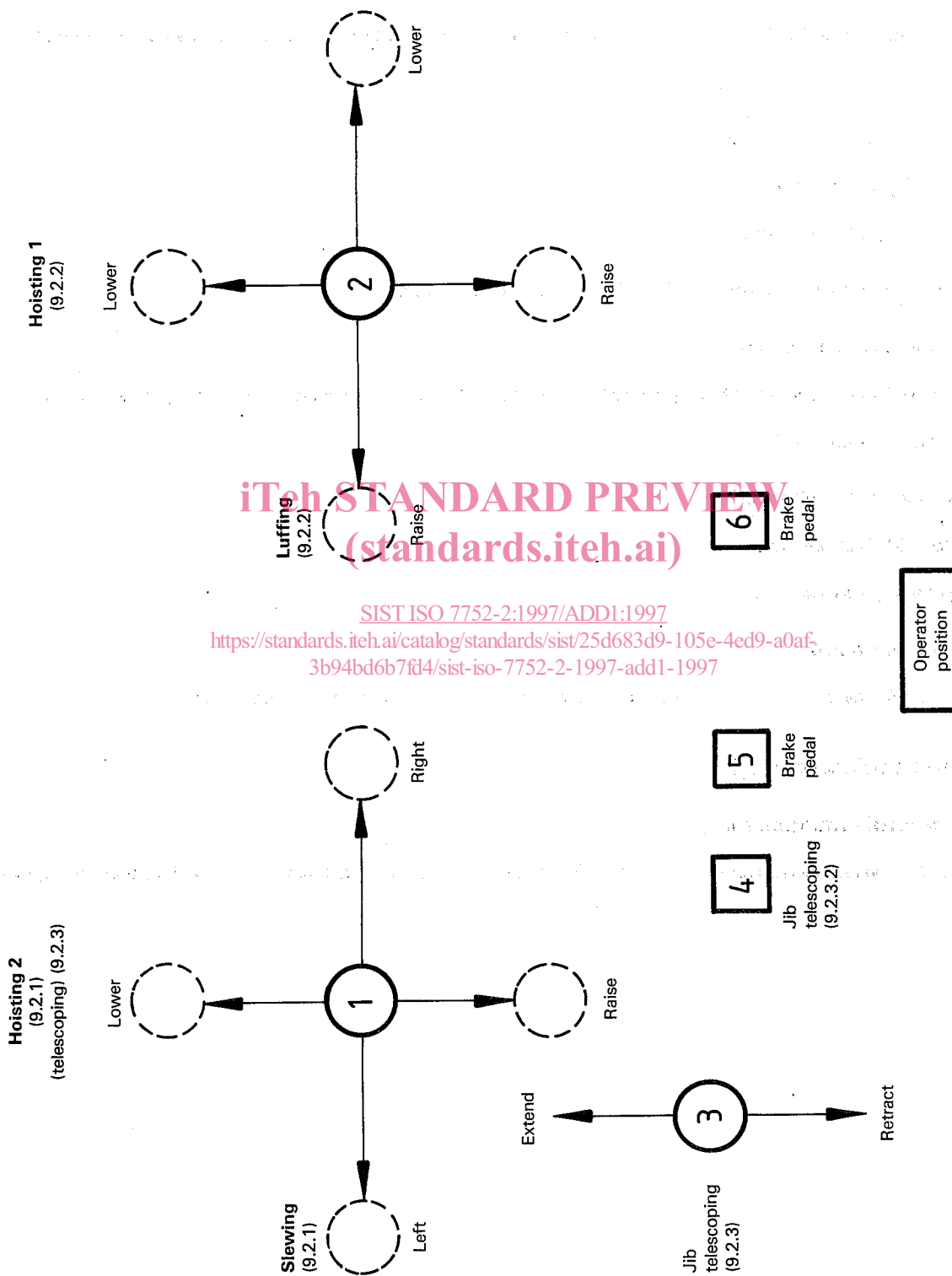


Figure 5 — Crane control diagram for crane fitted with a telescoping jib

9.2 Direction of movement

9.2.1 Hoisting 2 and slewing control — Hand lever 1 and foot pedal 5

9.2.1.1 Pull lever back to raise load.

Centre lever to hold load in position (if equipped with automatic brake), or control load by depressing brake pedal.

Push lever forward to lower load.

9.2.1.2 Move lever to the left to slew left.

Centre lever to release slewing power.

Move lever to the right to slew right.

9.2.2 Hoisting 1 and luffing control — Hand lever 2 and foot pedal 6

9.2.2.1 Pull lever back to raise load.

Centre lever to hold load in position (if equipped with automatic brake), or control load by depressing brake control.

Push lever forward to lower load.

9.2.2.2 Move lever to the left to raise jib.

Centre lever to hold jib in position.

Move lever to the right to lower jib.

9.2.3 Jib telescoping control

9.2.3.1 Hand lever 3

Push lever forward to extend jib.

Centre lever to hold jib in position.

Pull lever back to retract jib.

NOTE — Hand lever 3 may be a separate lever(s). The jib telescoping function may be the fore and aft movement of lever 1.

9.2.3.2 Foot pedal 4 (optional) in place of hand lever 3

Rock pedal forward (toe down) to extend jib.

Centre pedal to hold jib extension position.

Rock pedal rearward (heel down) to retract jib.

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