Typical Rigging Layouts for Pulling Applications

- **Floor Mounted Pulling Cart on Wheels**
  - Cart is pulled in one direction, toward winch.
  - Manual clutch allows drum to be disengaged for rapid load hook-up.
  - Cart is guided by tracks or rails to maintain fleet angle.

- **Mounted In-Line Single Drum Closed Loop**
  - Cars can be moved in both directions.
  - Both ends of the wire rope are anchored to the same drum.
  - Spring sheave maintains tension in wire rope.

- **Mounted Off-Side Single Drum Closed Loop**
  - Cars can be moved in both directions.
  - Both ends of the wire rope are anchored to the same drum.
  - Spring sheaves maintain tension in wire rope.

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  - Cars can be moved in both directions.
  - Both ends of the wire rope are anchored to the same drum.
  - Spring sheaves maintain tension in wire rope.

- **Mounted In-Line Single Line Pulling Rail Cars**
  - Rail cars are pulled toward winch, or rope is passed around sheave to reverse direction.
  - Manual clutch allows drum to be disengaged for rapid load hook-up.

- **Mounted Off-Side Closed Loop Pulling Rail Cars**
  - Cars can be moved in both directions.
  - Both ends of the wire rope are anchored to the same drum.
  - Spring sheaves maintain tension in wire rope.

- **Mounted Off-Side Dual Winch Barge Positioning**
  - Controls operate each winch individually or both of them together.
  - Brake Motors maintain tension in line to limit drift and deliver quick and accurate positioning.

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