

Grapple Yarding Through the Years

Presented by Austin Weber

Need for Grapple Yarding

Past

- ▶ Safety
- ▶ Shortage of Labor
- ▶ Increase operating efficiency

Present

- ▶ Safety
- ▶ Shortage of labor
- ▶ Increase operating efficiency

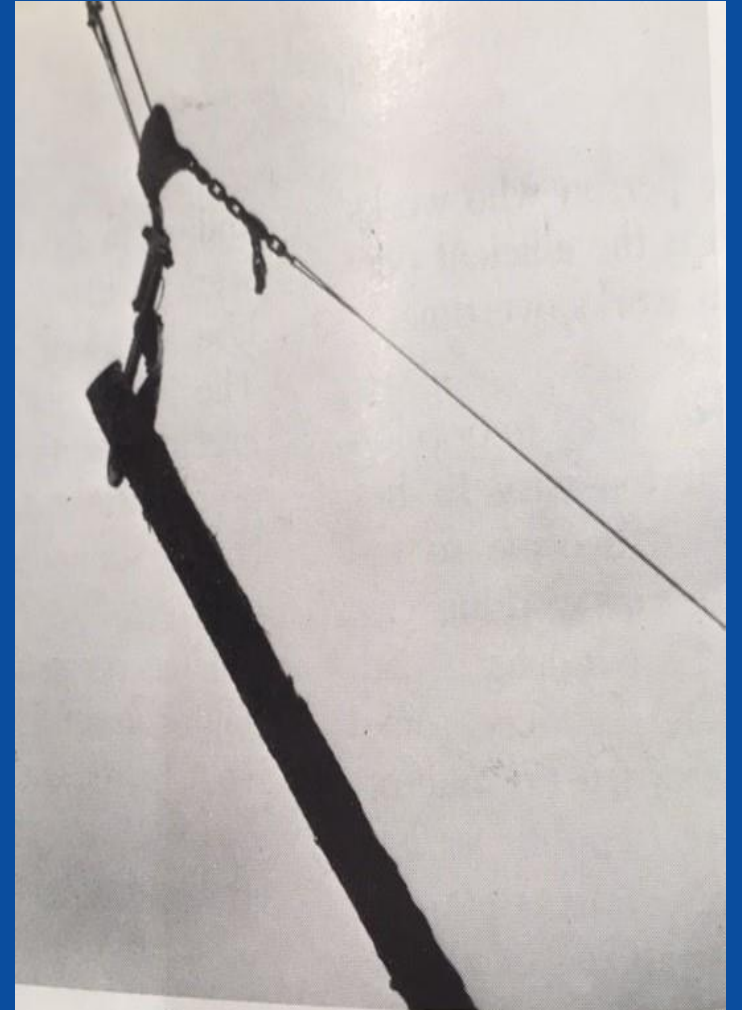
Converted Skookum Tye 90 foot tower



Main-line unshortened.



Split main-line in shortened position.



Grapple in closed position.

Hahn Carriage

Closeup view of Hahn Carriage.



Hahn Carriage in operation.





"The Snapper", Battery Powered, Radio Controlled Grapple Carriage.



View of "The Snapper" showing simplicity of hook-to butt rigging and grapple swivel detail.



"The Snapper" in operation. Note bell for choker and absence of opening and closing lines.

The MAR Star A New System of Grapple Yarding

MAR Hook & Equipment, Inc.,
Aberdeen, Washington

The new MAR radio controlled grapple yarding carriage works with a normal highlead yarder or the regular highlead slack line machine. The mainline may be run out to a stump and used as the skyline. A skyline easily moved over and one that can be tightened and slackened off with some degree of accuracy has proven beneficial. The haulback is fastened to the front of the carriage and is used as the yarding line for uphill





Skagit GT 5

First of the grapple yarders. Skagit GT-5 with Jillpoke, April, 1966.



Late model GT-5, Series D, Supertower. Jillpoke has been replaced with two hydraulic guyline drums.





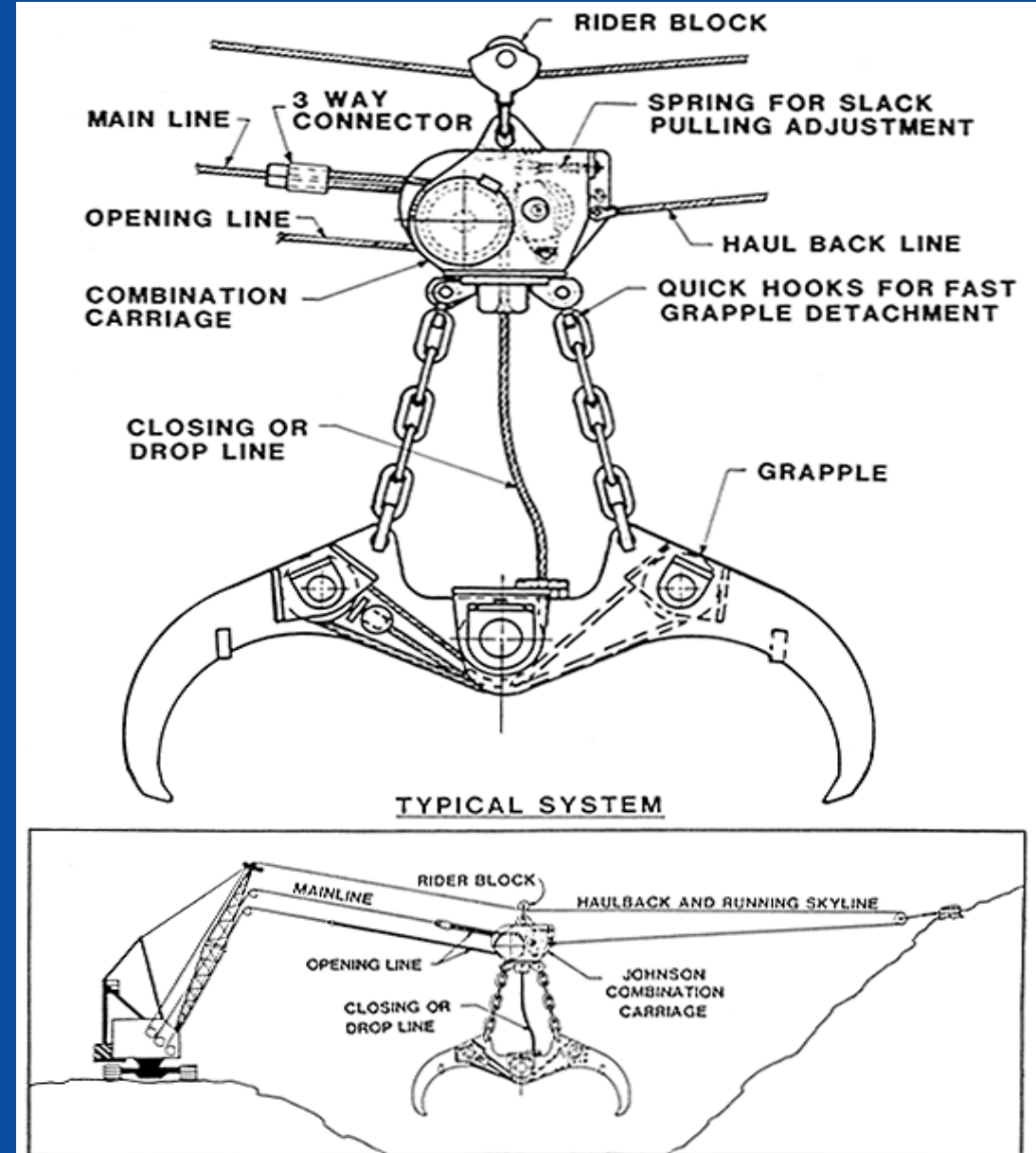
Washington 108 Skylok.



T-MAR Grapple



Johnson Combo Grapple



ACME MFG.



Hawkeye



FFE
FALCON FORESTRY
EQUIPMENT

Falcon Claw 1580



Madill 120



Log Champ 550



Harvestline



Cable Assisted Felling





Modern Backspars









LOADING
OPERATION
AHEAD

THE
STATE
OF
CALIFORNIA
DEPARTMENT OF
TRANSPORTATION