

Figure 39: Standard Hand Signals

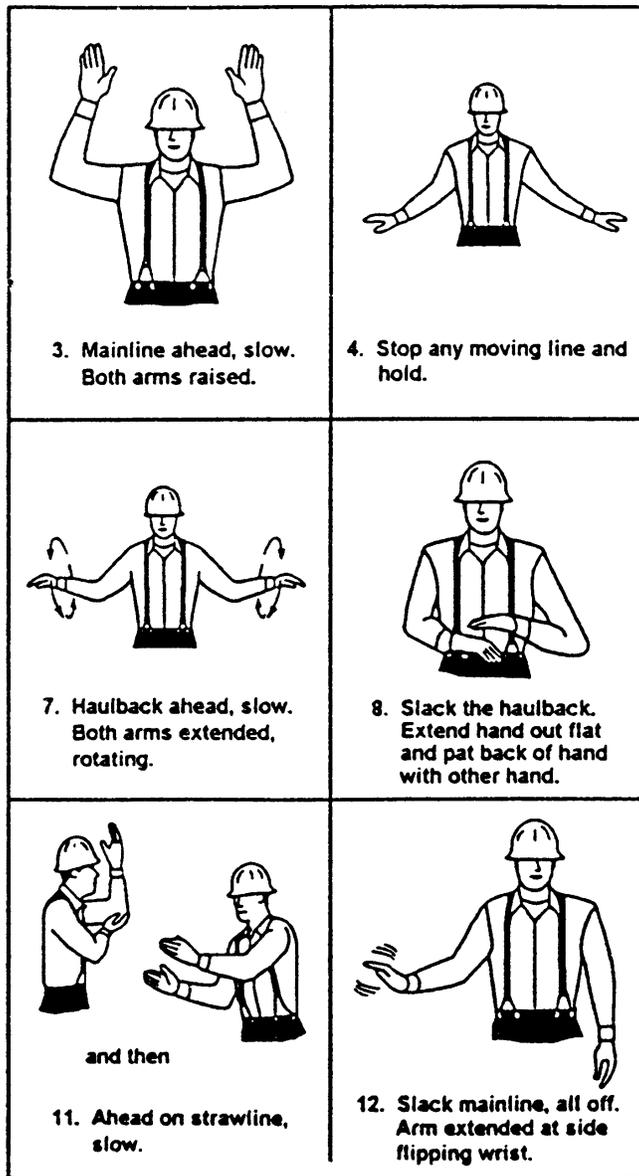


Figure 40: Standard Hand Signals

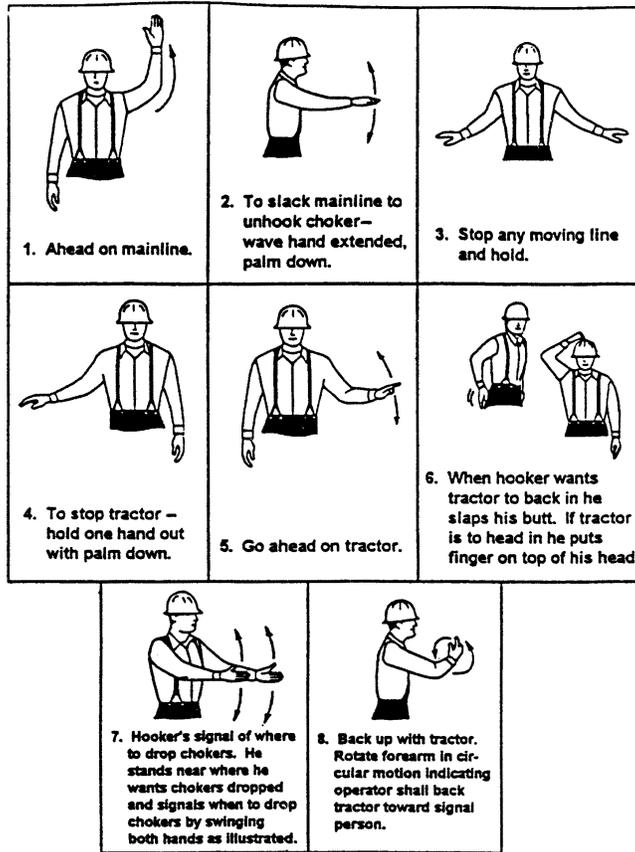


Figure 41: Standard Hand Signals

STANDARD SIGNALS FOR LOADING LOGS



Figure 42: Standard Signals for Loading Logs

HIGH LEAD LOGGING WHISTLE SIGNALS
 - Means longer spacing between signals.

| | |
|-------------------------------------|---|
| 1 short | Stop all lines. |
| 3 short-3 short | Ahead slow on mainline. |
| 3 short | Ahead on mainline. |
| 2 short | Ahead on haulback. |
| 2 short-2 short | Ahead slow on haulback. |
| 3 short-1 short | Ahead on strawline. |
| 3 short-1 short-3 short | Ahead slow on strawline. |
| 4 short or more | Slack mainline. |
| 2 short-4 short | Slack haulback. |
| 3 short-1 short-4 short | Slack strawline. |
| 3 short-2 short | Standing tight line. |
| 1 short-1 short | Tight line while lines are running, or break if running tight. |
| 3 short | When rigging is in: Strawline back on haulback. |
| 3 short / plus "X" number of shorts | When rigging is in: Indicates number of sections of strawline back on rigging. |
| 3 short-1 short-2 short | Strawline back on rigging. |

**HIGH LEAD LOGGING WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|---|--|
| 1 short | When rigging is in: Chaser inspect and repair rigging. |
| 2 short | When rigging is in: No chokers back. |
| 2 short-1 short / plus "X" number of shorts | Number of chokers back. |
| 2 short-4 short | When rigging is in: Slack haulback-hold all lines until 2 short blown. |
| 3 medium | Hooker. |
| 3 medium-4 short | Hooker and that crew. |
| 5 long | Climber. |
| 4 long | Foreman. |
| 1 long-1 short | Start or stop work. |
| 7 long-2 short | Person injured, call transportation and stretcher. |
| 1 long-1 short repeated | Fire. |
| Grabinski system | |
| 2 short-1 short | Slack mainline and haulback together. |
| 2 long | Take off or put on rider block. |

**SKIDDER WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|---------------------------------|--|
| 1 short | Stops moving carriage-stops or goes ahead on slack puller, as case may be, if carriage is stopped. |
| 2 short | Go ahead on skidding line holding carriage. |
| 1 short-2 short | Pick up skidding line, easy. |
| 2 short-1 short | Shake up carriage to clear choker. |
| 2 short-2 short | Ahead on receding line. |
| 3 short | Ahead on carriage, holding at present level, using interlock. |
| 3 short-3 short | Ahead easy on skidding line. |
| 2 short-2 short-2 short | Slack skyline, cable down. |
| 2 short-2 short-2 short-1 short | Pick up skyline, cable up. |
| 2 short-2 short-4 short | Slack receding line. |
| 2 short-4 short | Slack skidding line. |
| 2 short-2 short-1 short | Tighten all lines. |
| 1 short-4 short | Slack off slack puller. |
| 1 short-2 short | Pick up slack puller when slack. |

**SKIDDER WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|--|---|
| 2 short-2 short / plus "X" number of shorts | When carriage is in: Number of chokers wanted. |
| 2 short-2 short-1 long 1 short | Bull choker. When carriage is in: Inspect butt rigging. |
| 2 short-4 short / 1 short | For each additional ten feet of tong line. |
| 1 long / plus "X" number of shorts | Number of coils of strawline wanted. |
| 5 medium | Tail or second rigger. |
| 5 medium-4 short | Tail or second rigger and that crew. |
| 2 medium | Skidder head rigger. |
| 3 medium-4 short | Hooker and that crew. |
| 2 long | Ahead on transfer. |
| 2 long-4 short | Slack transfer. |
| 1 short-3 short | Ahead on carriage with slack puller line. |
| 1 long | Ahead on strawline. |
| 1 long-4 short | Slack strawline. |
| 1 long-3 short | Ahead easy on strawline. |
| 5 long | Climber. |
| 4 long | Foreman. |
| 1 long-1 short | Start or stop work. |
| 7 long-2 short | Person injured, call transportation and stretcher. |
| 1 long-1 short repeated | Fire. |

**SLACKLINE WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|--------------------------------------|--|
| 2 short-2 short-2 short-1 short | First cable up when road has been changed and tail hold made fast. |
| 2 short-2 short-2 short 1 short | Drop skyline. Stop any moving line. |
| 1 long | When logging, slack skyline. |
| 2 short | Ahead on skyline. |
| 1 long-2 short | Ahead easy on skyline. |
| 3 short | Ahead on skidding line, holding haulback. |
| 3 short-3 short | Ahead easy on skidding line with slack haulback. |
| 4 short | Slack skidding line. |
| 2 short-2 short / 2 short-2 short | Ahead easy on haulback with slack skidding line. |
| 2 short-2 short | Ahead on haulback. |
| 2 short-2 short-4 short | Slack haulback. |
| 2 short / 3 short | Pick up skyline and skid. |

**SLACKLINE WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|---|---|
| 2 short / 2 short-2 short | Pick up skyline and skin. |
| 3 short-1 short | When carriage is in: Strawline back on haulback. |
| 3 short-1 short-2 short | When carriage is in: Strawline back on carriage. |
| 3 short-1 short | When strawline is out: Ahead on strawline. |
| 3 short-2 short | Tight line. |
| 3 short-1 short-4 short | Slack strawline. |
| 3 short-1 short-3 short | Pull easy on strawline. |
| 2 long | Ahead on transfer. |
| 2 long-4 short | Slack transfer. |
| 2 long-2 short-2 short | When carriage is in: Transfer back on carriage. |
| 1 long / plus "X" number of shorts | When carriage is in: Number of coils. |
| 2 short-2 short-1 short / plus "X" number of shorts | When carriage is in: Number of chokers. |
| 1 short | When carriage is in: Inspect rigging, repair and send back. |
| 2 short-2 short-4 short | When carriage is in: Slack haulback and hold all lines until 1 short is blown-then send back. |
| 3 short-3 short | When carriage is in: Send back powder. |
| 5 medium | Tail rigger. |
| 5 medium-4 short | Tail rigger and that crew. |
| 3 medium | Head hooker. |
| 3 medium-4 short | Second hooker and that crew. |
| 5 long | Climber. |
| 4 long | Foreman. |
| 1 long-1 short | Start or stop work. |
| 7 long-2 short | Person injured, call transportation and stretcher. |
| 1 long-1 short repeated | Fire. |

**RUNNING SKYLINE WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|-----------------|------------------------|
| 1 short | Stop all moving lines. |
| 2 short | Skin carriage back. |
| 2 short-1 short | Slack haulback. |
| 2 short-2 short | Skin carriage easy. |
| 2 short-3 short | Standing tight line. |
| 1 short-2 short | Ahead on drop line. |
| 4 short | Slack drop line. |

**RUNNING SKYLINE WHISTLE SIGNALS
- Means longer spacing between signals.**

| | |
|---------------------------|---|
| 1 short-4 short | Slack both mainlines. |
| 1 short-1 short | Stop drop line going up and move carriage forward. |
| 3 short | Move carriage forward. |
| 3 short-3 short | Move carriage forward easy. |
| 3 short-1 short | When strawline is out: Ahead on strawline. |
| 3 short-1 short-4 short | Slack strawline. |
| 3 short | When carriage is in: Strawline. |
| 3 short-X short | When carriage is in: Number sections. |
| 3 short-1 short-2 short | When carriage is in: Strawline back on carriage. |
| 2 short-X short | When carriage is in: Number of chokers. |
| 4 short | When carriage is in: Inspect rigging, repair and send back. |
| 1 short | When carriage is in: Hold all lines until 2 shorts, then send back. |
| 3 medium | Head hooker. |
| 3 medium-4 short | Hooker and that crew. |
| 4 long | Foreman. |
| 1 long-1 short | Start or stop work. |
| 7 long-2 short | Person injured; call transportation and stretcher. |
| 1 long-1 short (repeated) | Fire. |
| 3 short-1 long | Acknowledged by engineer to signify hazardous turn. |

TENSION SYSTEM SIGNALS

| | |
|---------------------------|--|
| 4 | Release tension. |
| 1 short | Stop carriage and start unspooling tong line. |
| 1 short | Stop tong line. |
| 1 short | Resume unspooling tong line. |
| 1 short | Will stop any moving line or slack tong line when carriage is stopped. |
| 2 short-2 short | Go into interlock and go back. |
| 2 short-4 short | Slack haulback and let carriage down. |
| After turn is set 2 short | Go ahead on tong line. |

TENSION SYSTEM SIGNALS

| | |
|-----------------|--|
| 2 short-3 short | Go ahead easy on tong line. |
| 3 short | Go into interlock and take carriage to landing. |
| 3 short-3 short | Ahead on carriage easy. |
| 1 short-2 short | Increase tension on tong line when carriage is going in. |
| short-1 short | Decrease tension on tong line when carriage is going in. |

[Statutory Authority: RCW 49.17.010, [49.17].040 and [49.17].050. WSR 99-17-117, § 296-54-99002, filed 8/18/99, effective 12/1/99; Order 72-14, Figure 2 (codified as WAC 296-54-99002), filed 7/31/72, effective 9/1/72.]