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One Rope Bridge

Action: Prepare a one rope bridge for crossing.

Conditions: In a field environment given all necessary equipment.

Standard: Prepare a one rope bridge for crossing IAW SLC POI





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Prep Time: 10mins- Inventory equipment, prep all individual equipment, and be in proper waterborne uniform.

Execute: 20mins- Construct bridge, cross all team members, and deconstruct bridge.





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Uniform: Waterborne Uniform IAC each unique team position

Positions: 6 Team members

- 1- Far Side Rope Puller / Second Swimmer
 - 2- Lead Swimmer / Far Side Lifeguard
 - 3- Near Side Lifeguard
 - 4- Bridge Team Commander
 - 5- Mule Team
 - 6- Mule Team
- All extra personnel will be security

Equipment Required:

- 1- Squad Rope
- 2- 15ft Float Rope
- 3- Locking Steel caribener





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Uniform Common to All- Waterborne Uniform

- a. Boots unbloused, top untucked, sleeves uncuffed.
Pockets empty
- b. FLC worn according to design- unzipped down the middle or reversed and worn on back for TAPs system / rack style LBE
- c. No helmet or headgear

Duties / Responsibilities / Equipment by position

1- Far Side Rope Puller / 2nd Swimmer

Aussie Rappel Seat / Weapon Slung

Emptied ruck sack with rope inside.

Far side end of rope- 2 carabineer - Upstream

Near side- 1 carabineer – Downstream

Constructs far side tensionless anchor system

2- Lead Swimmer / Far Side Life Guard

No rappel seat / weapon slung

15 ft float rope tied into knotted hand line

Responsible for ½ way across to far side lifeguard

duty





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Duties / Responsibilities / Equipment by position

3-Near Side Life Guard

- Aussie Rappel / Weapon Slung
- 15 ft float rope tied into knotted hand line
- Responsible for near side to ½ way across bridge
- FIRST MAN IN WATER (safety violation)
- Last man across- deconstructs bridge

4-Bridge Team Commander

- Body Bowline / Weapon Slung
- Overall responsible for team
- Constructs the near side anchor system
- Controls flow on bridge

5-Mule Team

- Body Bowline / Weapon tiedown wrapped around sight post
- Assists BTC with construction of system
- First across bridge
- Carries additional rucks

6-Mule Team

- Body Bowline / Weapon tiedown wrapped around sight post
- Assists BTC with construction of system
- First across bridge
- Carries additional rucks





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Construction Notes

- Near Side Lifeguard must be first in the water (SAFETY VIOLATION)
- Lead swimmer assists #1 man in building tensionless anchor system
- Minimum 4 wraps around far side anchor
- First of only TWO locked carabineers is on the far side anchor construction
- BTC measures 1/5 of distance across rope for figure eight slip
- Second and final locked carabineer is in figure eight slip
- Mule Team pulls rope through carabineer to tighten system
- Double Clove Hitch Slip to secure transport tightening system
- BTC clips himself onto rope bridge on the upstream side
- No more than 3 on the bridge at a time (SAFETY VIOLATION)





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Construction Notes Cont

- Near side lifeguard leaves water once previous member is $\frac{1}{2}$ across
- Near side lifeguard attaches to bridge using carabineer on end of rope
- BTC leaves his position once NSL is attached and in position
- BTC moves AROUND bridge; not under (SAFETY VIOLATION)
- Once BTC is out of water AND unhooked, NSL can deconstruct system
- Time stops when all members are out of water, rope is stacked in ruck sack, 3 carabineers are clipped on carrying handle, and ruck is held up





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Minimum 4 Wraps around anchor

Right to left, top to bottom

1st of Two Locked Carabiner



1st Locked Carabiner in System





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Figure Eight
Slip

$\frac{1}{5}$ of distance
of bridge



Round Turn
Routed over
Slip Knot

2nd Locked
Carabiner in
System





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Double Clove Hitch Slip Knot



End Of Knot Loop Routed Through As Safety





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BTC Hooks In Here
(unlocked)

