



# 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





**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 / 2<sup>nd</sup> 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)

