

HEADQUARTERS DISTRICT RANGER
YAQUINA BAY DISTRICT

Duties of Camp Rangers

Sep. 1, 1918.

1. You will supervise all burning done within the operations of your Camp, and burning will be done only in such places and at such times as you will direct.
2. All slashings cut from the right of way will be piled in center of right of way, surrounded by a fire trail at least three feet wide, and when weather permits, burned. This includes brush, branches, rotten snags, stumps etc. Logs which are of value for wood or timbers, will be piled along the edge of the right of way, to be removed after the Railroad is completed.
3. All burning of this character will be under constant personal control. That is: there must be a fire patrol night and day until fire is extinguished.
4. In choosing time and location for burning you will never burn under overhanging branches. Direction of prevailing winds. The wind usually arises at about noon and dies down at about 8 o'clock P.M.
Be sure that Fire Trail is down to DIRT and that no large roots run under the trail from the fire. There is always a wind toward the head of a gulch. Do not count on a small brook acting as a fire-break, when bushes overhang it. Sparks will jump across.
5. Where Donkey engines or stationary steam engines are on the operations, spark arresters must be in place and in working order at all times, and ash pans must be in place and in repair.
6. Donkey engines in the woods must have 12 Flat Bottomed buckets filled with water, and 12 sacks near at all times.
7. When the Donkey is left with a fire in it, the ground should be wet down within 50 feet of all sides, and a man should be left in charge of same for at least four hours after fire is banked.
8. Live coals dropped from Fire Box must be immediately extinguished.
9. All dead snags and mossy trees within 50 feet of Donkey must be Felled.
10. Men will not smoke in the woods or on the logging railroad. Smoking is permitted within the Camp Limits.
11. All burning to be done between June 1, and October 1, can be done only upon written permit by District Ranger, EXCEPT that small piles of brush, branches, roots etc can be burned without permit when all inflammable material is raked away from the fire, and the fire is constantly under guard.
12. In case a fire gets beyond control in your District you will immediately notify the Camp Foreman who will take charge of fighting it. You will then notify the District Ranger by the quickest means, and then return and assist the Foreman. The District Ranger will take charge of the fighting as soon as he arrives.
13. You will receive and obey orders from the District Ranger and District Patrolman, and if for any reason such orders have not been complied with at the time of next report, that fact will be stated in report together with reason therefor.

Harrison I. Mersereau,
2nd Lt A.S.A.P.
District Ranger.

HEADQUARTERS DISTRICT RANGER

YAQUINA BAY DISTRICT

Instructions to District Patrolmen. Sep. 1, 1918.

REPORTS

I. CLEARANCE SHEETS:

1. You will see that each Camp Ranger makes his clearance report in triplicate each week, and sends all three copies so as to reach the District Ranger on Saturday. The Camp Ranger will sign all three copies.
2. This report will show the following information:
 - (a) All violations of Fire rules, such as Donkeys operating without Spark Arresters; men smoking in the woods; lack of Fire buckets at Donkeys, etc.
 - (b) Kind of work that is being done by Camp, as: Logging, grading, cutting piling, etc.
 - (c) State if any brush has been burnt during week.
 - (d) If any fires got beyond control, describe same as to date and hour, cause, place, area burned, number of men used to fight it, etc.
 - (e) In the lower half of the Sheet, make the heading "Fire Hazards", and under this list all of the hazards within the Camp operations, such as: piles of slashing unburned brush or grass near trestles, etc. The same hazard should be reported on every weekly report until it has been disposed of. If slashing piles are waiting for proper weather to burn, state that fact.
 - (f) After listing the hazards, make the heading "Wood and Logs on Right of Way". Under this heading state your estimate of Wood (in cords), of logs (in Board Measure) and of Piling (in Lineal Feet) which have been left along the right of way, and state
3. State the location and the kind of work that all Donkeys are doing within your Camp operations, and describe the kind of ground on which each Donkey is placed, Example: One Roading Donkey located in Clearing, one Loading Donkey located on Swamp land, One Yarding Donkey on hillside near brush.

The object of the clearance sheet is to relieve the Contractor of responsibility in case of a fire starting from their operations. Therefore if a weekly clearance sheet should state that the Contractor had complied with all fire regulations, and had removed all fire hazards which they had created, if a fire should then start in a pile of slashing which the Camp Ranger had overlooked, the responsibility for the fire would rest with this Department, instead of with the Contractor. The importance of showing all fire hazards will readily be seen.

II. DAILY MEMORANDA:

1. These reports will be kept up daily by the Patrolmen, showing territory covered, hazards discovered, information about trails, new camps, fires, and anything of interest to this Department.
2. One copy will be forwarded to District Ranger each Saturday, and one copy retained.

III. MEMORANDUM BOOKS:

1. This should be carried at all times, particularly to keep a record of hazards discovered, location of same, recommendations made as to removal, and date of compliance with recommendations. Also for all matters of interest in your District.

Report on Experiment
with Hauck Brush Burner.

on Monday Sept. 23

the tank was filled with
1 pint and $\frac{3}{4}$ of Kerosine &
1 pint of gasoline. It was
then filled with air to the
extent of 40 lbs.

The apparatus was then
taken to the North grade
where brush is being burned
on new spur. The material
to be burned consisted of
coniferous brush & old partly
soaked ~~brush~~ spruce limbs.

Instructions as to method
of procedure were correctly

followed. The burner
was heated & emitted a blue
flame of about $1\frac{1}{2}$ to 2 ft
in length. The re

The result on the piled
material was not entirely
satisfactory. The burner ignited
the brush but the fire was
very temporary and conformed
to the law of that a brush
pile is ignited and burned
in proportion to amount of
dry material contained & method
of piling.

on Sept 25 $1\frac{1}{2}$ gals of
Kerosene was placed in
tank and apparatus
carried to coal creek
To location where green
alder Elder & salmonberry
brush was being burned

The flame emitted was lighter in color & lacked the length of the previous experiment. The result on piled material was very poor but satisfactory as far as to igniting dry piled material. The flame lacked the heat of the previous experiment.

Conclusion.

As an ignitor the burner is satisfactory to ignite dry material only. on wet material the burner acts only as a blow torch with no permanent effect. green brush & wet material cannot be consumed by the torch unless application to material is continuous & flame is not large enough in length & diameter to cover large pile.

~~Report on Experiment~~
~~with Hauck Burner.~~

on Monday Sept. 23 The
burner was filled with

The gas-Kerosine flame is
the hottest & best, 1 part of
gas to 5 parts of Kerosine
would be satisfactory. The
Kerosine does not form the
spray & mist of gasoline
and burns with less heat
& length of flame.

Sgt Patulman
Capt. J. Brien

Sgt. Alfred J. Briem
LESS 7H. Newport Oregon 97

AGENCY

MONTH September DISTRICT Other Port Virginia

Date 15 SUNDAY Remained in camp 7H.
at 5 PM, traveled over grade 7
7H + F. Found unburned brush all
along both rightways.

Date 16 MONDAY Patrolled over grades 7H-70
7F, 7E + 7D. at last place burning
7 slashing along grade occurred. Went
to South Beach & on return report to Clark Ranger.

Date 17 TUESDAY Rode from 7H to 7F over
grade 7E, 7D to Ed Stokes' place on Big
creek (correction) Fire of last Wednesday
occurred in NW 1/4 25W 1/4 of NW 1/4 of section 34

Date 18 WEDNESDAY Camp Ranger Jennings transferred
to Toledo, Fires permitted but 7T grades 7H
7R, 7N, 7F, 7P + 7I expected. Fire at 7N
on North side of camp. New road leading
to 7T lined on sides with brush piles.

Date 19 THURSDAY appointed Geo Rineau camp
ranger at 7N. Went to 7D and
looked over burned area. fire below
pile bridge burning also on extreme
East grade on ocean & timber side.

Date FRIDAY

Date SATURDAY

DAILY REPORT

Form B

NAME

Sgt. Alfred J. Briem

ADDRESS

7H Newport Oregon

AGENCY

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Patrolled over grades 7H-70
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creek (correction) Fire of last Wednesday
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Date WEDNESDAY

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to Toledo, Fires permitted but 7T grades 7H
7R, 7N, 7F, 7P + 7I expected. Fire at 7N
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to 7T lined on sides with brush piles.

Date THURSDAY

appointed Geo Rineau camp
ranger at 7N. Went to 7D and
looked over burned area. fire below
pile bridge burning also on extreme
East grade on ocean & timber side.

Date FRIDAY

Date SATURDAY

Comp 7N-7R
Sept 6-18

Lt. Merriam

Fire Report

Comp 7N

Sept 5 Burned Brush on camp site close
Comp 7R to Powder House site Fire out

Sept 6 Burned Brush on camp site

to clear way for tents Fire out

Will F. Langer
Camp Ranger

WARREN SPRUCE COMPANY

311-317 YEON BUILDING

PORTLAND, OREGON

FROM Fire Report of Camp 7 I.
Made at 9 P. M. Sep. 6, 1918.

TO

SUBJECT

Has any slashing been burnt since last report?

Yes, in company street.

At night or daytime? *Daytime*

Were fire trails built around slashing fires?

yes.

Did any slashing fire get beyond control?

no.

Are all means of fighting fire at your camp sufficient for
probable needs? *yes*

Are all fire rules being obeyed by all members of your camp?

yes.

M. J. Helm
Camp Ranger

NAVAL TRAINING CORPS
UNIVERSITY OF WASHINGTON
Seattle, Washington

March 19, 1919

EXAMINATION NUMBER 2

I.

- a. Name four classes of visual signalling
- b. What are advantages of semaphore over wigwag for Navy use and when would wigwag be used in the Navy?
- c. What is the Very system?
- d. What systems of visual signalling are based on the International Morse Code?
- e. What are ship's call pennants?

II.

- a. Give alphabet names used in International Flg Code.
- b. Describe following flags, B, G, K, M, N, Y.

III.

- a. How are numerals signalled in International Flag Code?
- b. What is "CORNET"?
- c. Name three secondary meanings for "ITEM" and show where flag is flown in each case.

IV.

Show how ship BC would call ship DG, send message ABLE BOY CAST, and how acknowledgement would be made to both call and message.

V.

- a. Name three uses of Union Jack, show where it is flown in each case.
- b. What is the only pennant flown on same hoist over the National Ensign?

VI.

Show by a sketch seven places where flags may be flown on a ship, naming each place.

VII.

Define Variation and Deviation.

VIII.

Give sketch and brief description of Navy Standard $7\frac{1}{2}$ " compass.

IX.

- a. What two magnetic compasses are always to be found on any ship?
- b. What is the difference between Navy and Merchant Marine compass cards?

X.

Explain the Chip Log, giving its parts, principle of operation and mathematical proportion by which the line is marked off.



Albany Steam Laundry

BOTH PHONES 300 **AUG 7-1918**

Albany, Oregon,

Name *Alfred J. Briem*

Address *Camp 7th. Newport Oregon*

MARK

Wanted

7550

No.	GENTS' LIST	No.	LADIES' LIST
....	Shirts, plain ....	....	Dresses
....	Shirts, op'n f't ....	....	Uniforms
....	Shirts ptd cfs ....	....	Waists, plain
....	Shirts, dress ....	....	Shirt Waists
....	Shirts, flan'l ....	....	Skirts, plain
....	Shirts, over ....	....	Skirts, fancy
....	Shirts neg. cfs. ....	....	Kimonas
....	Shirts slk-wl ....	....	Chemise
....	Collars .....	....	Drawers
....	Cuffs .....	....	Union Suits
....	Undershirts ....	....	Under Vests
....	Drawers .....	....	Combinations
....	Pajama Suits ....	....	Stockings
....	Night Shirts ....	....	Night Dresses
1	1. Union S's-cot ....	....	Handkerchiefs
4	4. Union S's-wool. ....	....	Aprons
1	1. Socks <i>Pairs</i> ....	....	Bibs and Belts
....	Handkerchiefs .....	....	Corset Covers
....	Handk'chi's, Slk. ....	....	Caps
....	Neckties .....	....	Flat Aprons
....	Coats, linen ....	....	Child's Pieces
....	Frocks .....	....	Sweaters
....	Vests, linen. ....	....	Overalls
....	Pants .....	....	Jumpers
....	Bags .....	....	Coveralls
....	Rags .....	....	....

PLAIN WORK

....	Table Cloths ....	....	Counterpanes
....	Napkins .....	....	Scarfs
....	Towels .....	....	Doilies
....	Bath Towels ....	....	Center Pieces
....	Roller Towels ....	....	Blankets
....	Tea Tow'ls-Cloths ....	....	Quilts
....	Sheets .....	....	Comforts
....	Slips .....	....	Lace Curtains

DRIVERS ARE NOT ALLOWED TO EXTEND CREDIT
 NOTICE—All packages C. O. D. unless arrangements are made at the office. Packages sold after 30 days to pay charges. No insurance against loss by fire. A list of articles must accompany each bundle or our count taken as correct. Not responsible for jewelry or colors. No bundle less than 10 cents.

FORM A