Puzzled Pint

JANUARY 2017

GUNS AND SHIPS

"How does a ragtag volunteer army in need of a shower
Somehow defeat a global superpower?
How do we emerge victorious from the quagmire?
Leave the battlefield waving Betsy Ross' flag higher?"

Puzzle By: Matthew Stern (St. Louis)

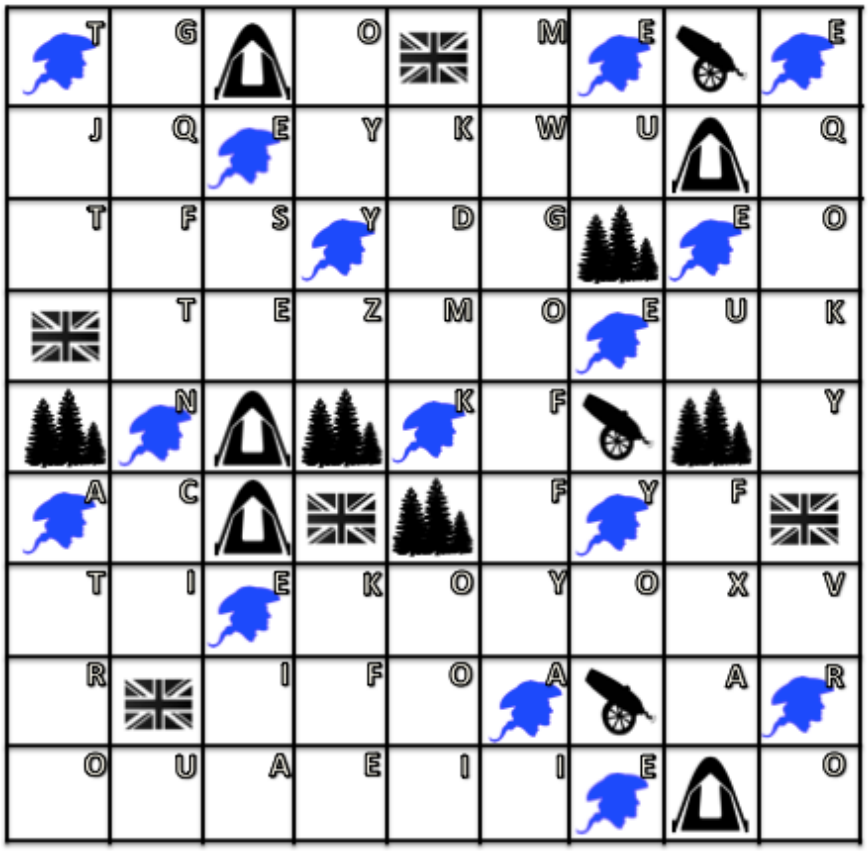
Washington and Lafayette have their hands pretty full trying to turn the tide of the American Revolution, and in all of the confusion they lost the plans for the positioning of their troops and locations of the enemy ships! Help them organize their men, and then see if you can find someone who can help them to mend the situation.

Washington wants to set up his troops such that all open squares on the battlefield are within the line of sight of a soldier. Each soldier is capable of seeing all squares vertically and horizontally until his view is obstructed by a tree, tent (British or American), or cannon. There are certain rules Washington wishes to follow:

- There are only **15** soldiers total.
- No soldier should be able to see another soldier within his line of sight.
- Each American tent is required to have exactly one soldier adjacent to it.
- Each cannon requires exactly two soldiers adjacent to it
- No soldiers should be placed directly adjacent to any British tents.
- Adjacent = directly above, below, to the right or to the left (NOT diagonal).

Once the soldiers are in position, they should carefully listen to all sounds and instructions and follow them to the letter.

YORKTOWN



TEE / EYE / EN / KAY / E / ARE

Puzzled Pint

JANUARY 2017

GUNS AND SHIPS

"How does a ragtag volunteer army in need of a shower
Somehow defeat a global superpower?
How do we emerge victorious from the quagmire?
Leave the battlefield waving Betsy Ross' flag higher?"

Puzzle By: Matthew Stern (St. Louis)

CHESAPEAKE BAY

Lafayette wants to plot out where all the British ships are located in Chesapeake Bay.

- There are **7** British ships total.
- Each American ship has a number on it that tells you how many British ships it can see horizontally and vertically.
- The ships do not obstruct one another's line of sight (A ship can see multiple other ships in a given row/column).
- To prevent collisions, no two ships touch, regardless of whether they are British or American (including diagonally).

Once you have found the ships, take note of their values.

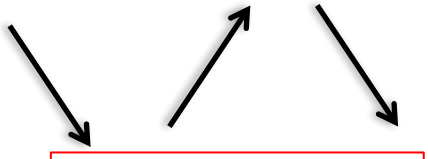
S O L D I E R

U	K	O	X	G	K	3	M	G
Q	S	O	L	O	U	R	Z	3
Z	M	Y	I	R	L	L	O	A
X	I	U	Y	N	I	Y	O	B
S	4	C	X	3	P	D	P	I
B	G	N	Q	L	P	T	B	E
A	3	K	1	N	O	E	Y	C
Y	E	C	C	F	M	K	E	1
N	R	V	R	B	G	4	L	N

Guns and Ships,
And so the balance shifts

We can end this war at Yorktown,
Cut them off at sea,
But for this to succeed,
There is someone else we need:

TINKER SOLDIER



TAILOR SPY