

Name: Trenchwood Institute

Contact: Wesley When

Address: 2320 Newport Street



Patrol Application Form H11989

Thank you for considering the Laotian Coast Guard for your security needs! We have done a precursory analysis of your proposed new buildings and their security patrol requirements, which have been mapped below.

You will need to come up with a patrol plan for your building complex. Please draw in new patrol lines connecting these new buildings such that they obey the restrictions listed to the right.

- Each patrol line only goes east-west or north-south (not both), and is stopped at each end by a building (which it services).
- Each building's number indicates the exact number of patrol lines servicing that building (that would be the security patrol requirement), no more, no less.
- Patrol lines may never cross each other (we are worried about friendly fire).
- No pair of buildings may be serviced by more than two patrol lines servicing those two building directly (when we send more than two soldiers on the same mission, they start losing their self-esteem).
- From each building, it must be possible to reach any other building by a series of connected patrol lines and other buildings (in other words, everything is connected so that you are not vulnerable to a "divide-and-conquer" attack).

