

# How to Add a Company Wave Attack Mission

The basic method for building a [Faction AI](#) script is to first, [plan paths](#) for enemy hierarchies, then [plan Missions](#) for enemy hierarchies, and then, finally, create a [Faction AI](#) that triggers units to begin movement and execute Missions as triggers are met.

Now that we have planned all of the enemy paths, it is time to begin planning Missions for enemy hierarchies. If an enemy hierarchy, based on the situation, may execute more than one Mission, we must plan multiple Missions for the hierarchy. After each Mission is planned, we will [cancel the Mission](#), so that it is not executed until the proper trigger is met.

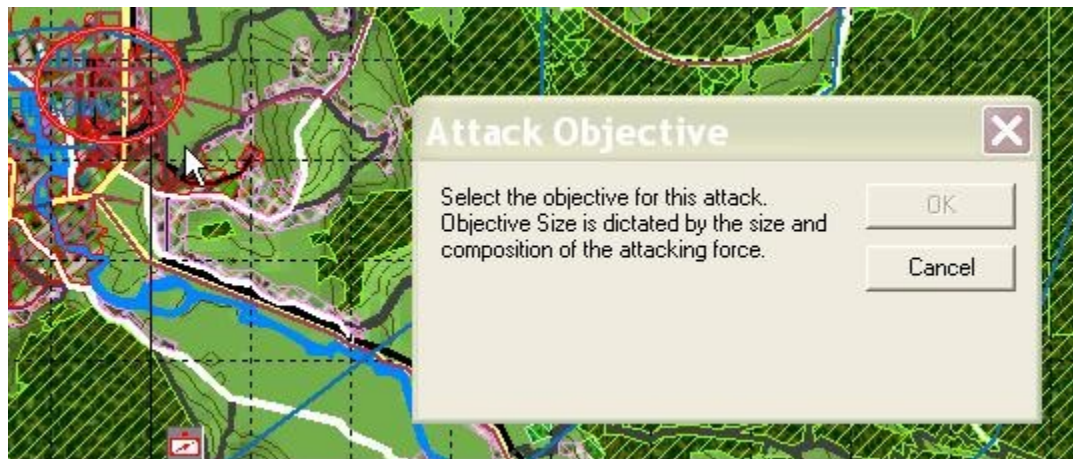
The Company Wave Attack Mission is much like the friendly Company Attack to Breach Mission, except that the enemy, as it gets closer to its objective, will spread out into wider and wider formations.

## Add a Company Wave Attack Mission:

1. Right-click on the hierarchy for which you wish to plan the mission. Select 'Company Wave Attack to Breach' from the 'Mission' sub-menu.



2. Drag-click over the region on the ground which represents the objective for the attack. Select 'OK'.



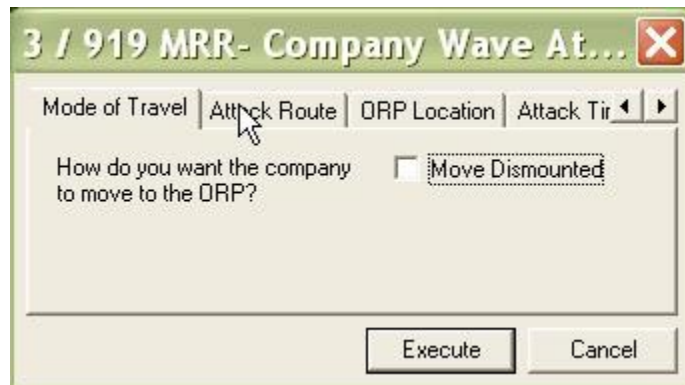
3. You can enter an objective or leave it blank. It will make no difference to game play. It can help you remember where the objective is, though.



4. If you un-check one of these boxes, it will cause the hierarchy to 'skip a step' in the attack, such as not forming a Support By Fire (SBF) position or not conducting a breach.



5. If the hierarchy has dismounts and this box is checked, the unit's dismounts will *walk* from their current location to the attack's Operational Rally Point (ORP).



6. Check this box to tell the hierarchy to use its currently planned path (rather than planning its own path) to the Operational Rally Point.



7. In this order, the 'Platoon' entry is ignored. The 'Company' entry tells the unit what formation to assume when it gets to the Rally Point.



8. Placing a time in this block will cause the hierarchy to delay before executing the attack.

The screenshot shows a dialog box titled "3 / 919 MRR- Company Wave At..." with a close button (X) in the top right corner. The "Attack Time" tab is selected. The dialog contains the following text: "Do you wish for this attack to begin at a specific time? Leave this time as '00:00:00' if you wish for the attack to begin immediately." To the right of this text is a section labeled "Execution" with three input fields for "HR", "MIN", and "SEC". The "HR" field contains "0", "MIN" contains "0", and "SEC" contains "0". Below these fields is the text "(Zeros or blank for immediate)". At the bottom of the dialog are two buttons: "Execute" and "Cancel".

9. If the hierarchy has mortars or other indirect fire assets attached, this order will tell them what formation to assume when they reach their firing position.

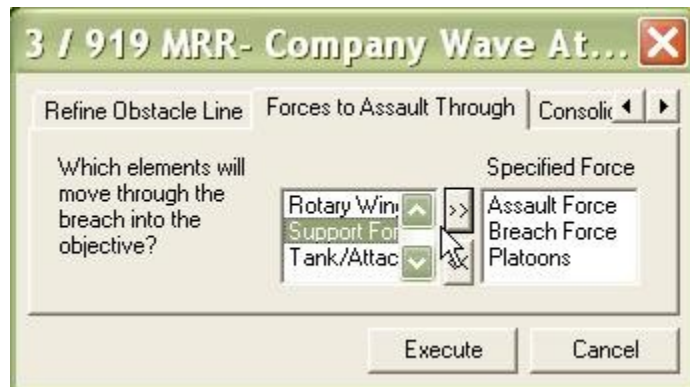
The screenshot shows the same dialog box, but with the "Refine Obstacle Line" tab selected. The dialog contains the following text: "What formation would you like indirect fire units to assume in the position area?" To the right of this text is a section labeled "Formations" with two dropdown menus. The first dropdown is labeled "Platoon" and has "Line" selected. The second dropdown is labeled "Company" and has "Company Lin" selected. At the bottom of the dialog are two buttons: "Execute" and "Cancel".

10. The **ATF** AI will make an initial estimate of where the obstacles are. When the hierarchy hits the number of obstacle strikes indicated here, it will recalculate the assumed obstacle locations based on new evidence.

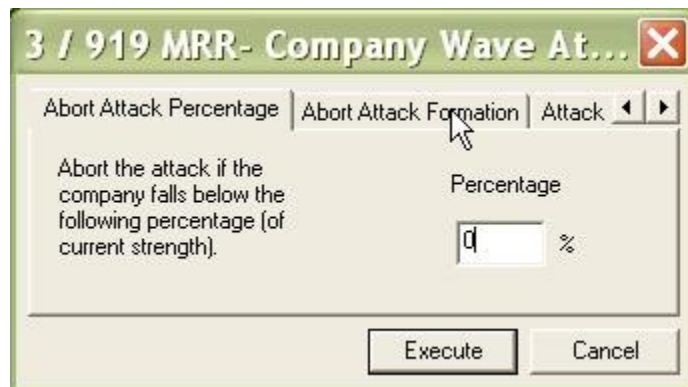
The screenshot shows the same dialog box, but with the "Forces to Assault Through" tab selected. The dialog contains the following text: "How many vehicles must hit obstacles before the company adjusts its assessment of the location of the main obstacle belt?" To the right of this text is a section labeled "Number Of Vehicles" with a single input field containing the number "4". At the bottom of the dialog are two buttons: "Execute" and "Cancel".



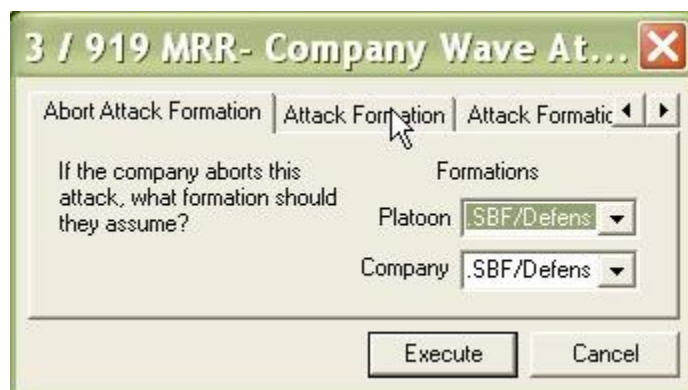
11. The only valid forces here are 'Assault', 'Breach', and 'Support Force'. The indicated elements will assault through the breach once it is cut.



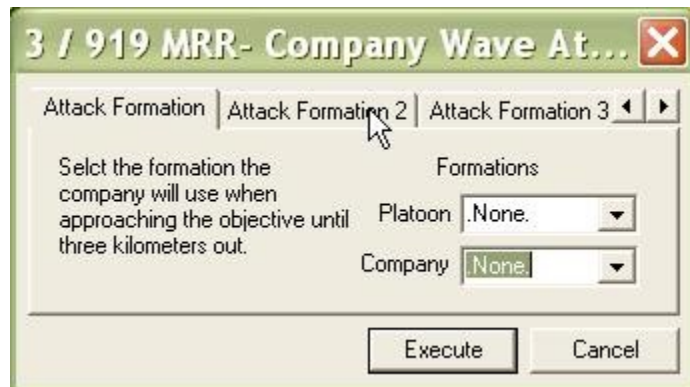
12. The hierarchy will abort the attack if its forces fall below the given percentage. A zero means the hierarchy will continue until every vehicle is dead.



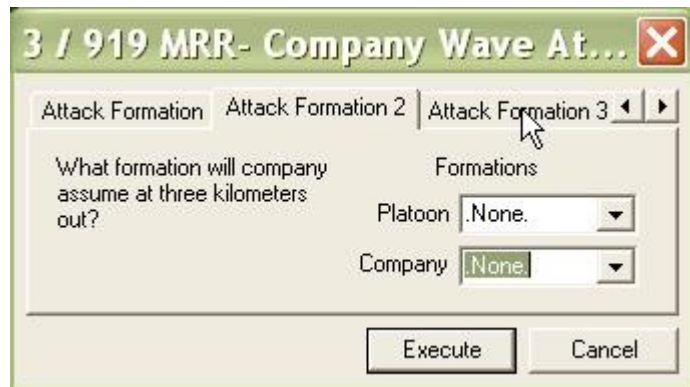
13. If the hierarchy does abort, this is the formation it will assume.



14. This is the initial formation the unit will use when it initiates the attack. All of these formations are set to '.None.' in this example because of the severely restricted terrain.



15. And the next formation...



16. ...And the final formation before the ORP.

