

EDITION:

FEBRUARY 21st 2024 EDITION



STREET ASSIGNED:

E Saddle Ridge Dr, Stonecrest, GA 30038

Damage Report Simulation

Purpose

Simulate passing messages in a controlled fashion. Randomize messages the best that we can. Induce critical thinking to form responses, not just scripted messages.

Situation

A hurricane has passed through the area damaging houses. You've been assigned to walk a street and report damage so evacuated homeowners can be made aware.

Your Task

Just before the net you'll be assigned a street. Locate that street on <https://maps.google.com> and drag the street-view avatar onto the street so that you can walk the street virtually. Throughout the operation you'll progress down the street and review one house at a time. Assess a percentage of damage using the damage pointing system below based on features you can see in the image. You'll report this to net control in the most efficient manner. Keep a log of the houses you evaluate so that we can confirm a tally per damage category at the end of the net.

To keep things simple, I suggest just picking one side of the street. We likely won't have time to evaluate every house anyway and street views can get disorienting when spinning the camera.

Walkthrough on using Google Maps and Street View:

<https://youtu.be/v0SVlwBlaX4>

Damage Pointing

Damage is additive so quantify the percent of damage for each feature seen on the house with a maximum of 100%.

Structure Feature	Damage Percentage
Chimney (one or more)	10%
Attached Garage (one or more)	20%
Brick Siding	25%
Metal Roof	35%
Gravel Driveway (one or more)	50%
Displays a Flag (one or more, any kind)	70%

Examples

1. A house has two chimneys and the exterior is brick so I report 35% damage.
2. A house has a butterfly flag in the front yard and a metal roof, that comes out to 105%, but I report 100% (since that's the max)
3. A house has an attached garage, chimney, and its exterior is brick so I report 55%
4. A house has a wood exterior, no chimney or other listed features so I report 0% or untouched.

A Step Further - Damage Categories

Use the percentage total you come up with to categorize as:

- Unaffected (0%)
- Affected (1 to 19%)
- Minor (20 to 49%)
- Major (50 to 89%)
- Destroyed (90 to 100%)

These are derived from actual categories as described in FEMA documentation found [here](#).

Net Progression

1. Net Control (NC) confirms a clear frequency
2. NC calls net to order (announces the purpose and that it is a drill/simulation)
3. NC calls for participant check-ins (ARES members only)
4. Stations call in a damage report as they come across houses on the virtual street.
The report should flow as follows:
 - a. Wait for traffic to clear.
 - b. Station calls NC, NC acknowledges and gives go-ahead
 - c. Station gives damage assessment by relaying:
 - i. Street Name
 - ii. Street Number (feel free to ophiscate, just put a 9 in front of the real number)
 - iii. Damage Category
 - iv. End report with "this is a drill"
 - d. NC may come back with a followup question or two
 - e. NC instructs station to move to the next house
 - i. Should you reach the end of your street, let NC know. NC will either confirm the tally per category (see step 5) and instruct you to secure your station *or* potentially move to another street if time permits. If instructed to secure, it is only virtual so stick around until the end of the net for a post-simulation debrief/discussion.
5. At the close of the net, NC will call each remaining station to confirm totals, that report should flow as follows:
 - a. NC calls station
 - b. Station acknowledges
 - c. NC reads total number of houses recorded for each category (i.e. 4 Affected, 2 Minor, 1 Destroyed, 9 unaffected) followed by "this is a drill"
 - d. Station confirms totals or clarifies if they do not align
6. NC calls the end of simulation
7. NC calls start of informal debrief session where we retrospect how the simulation went
8. NC calls net to a close and thanks participating stations

Retrospective

1. Add priority triggers of some sort. Would be cool if something would trigger a station to have to call in BREAK or CONTACT and interrupt the current flow. This way NC can practice juggling such events
2. Think about phonetics of Niner vs Minor, since we are using the two in conjunction with street numbers and the assessment

3. Increase diversity - there were a lot of Minor assessments so perhaps a preview walkthrough before assignments is warranted or some change to the scoring system
4. Perhaps instead of assigning the streets via Email, assign streets within the net so we practice enunciation and communicating more complex messages such as streets and cities.
5. If we have a large enough group participating, break out into smaller groups to capture reports, then regroup and consolidate reports.