

AK1K NCS Traffic Management "Math Drill"

	A	B	C	D	E	F	G	H	I	J
1	927	651	385	179	652	637	579	319	516	495
2	583	627	653	942	398	587	385	628	469	692
3	583	297	973	662	225	933	346	527	835	375
4	192	941	668	256	485	853	921	924	283	924
5	681	259	486	144	367	514	492	254	219	573
6	597	262	193	224	569	729	925	312	452	246
7	450	528	495	395	584	358	246	622	339	572
8	735	258	627	563	691	222	967	593	447	357
9	527	229	758	318	498	349	242	254	667	215
10	329	471	162	652	452	385	489	881	676	284

Training Goal

This drill will test the NCS's ability to track and manage a large number of messages in a short time. It is intended to be confusing and stressful. Allow at least one hour for this drill.

Scenario

A nuclear electromagnetic pulse has wiped out all computers and calculators (but not radios, for some odd reason!) Our Served Agency needs a variety of calculations made, and our net has been assigned the task. Okay, it's a bit silly sounding, but it serves our purpose well, as you will find out.

How it Works

Be sure every station has a copy of the matrix above well beforehand. It's best to email it, or have everyone download it from the website, and print it out. Don't wait until you are ready to start.

The Served Agency contacts the NCS with a message which includes a sequential message number for tracking purposes and a calculation to be solved. The NCS logs the message in and assigns it to a free station. The NCS asks the net member to contact the Served Agency to receive the message. The message will be in this format: "I need the product (or sum) of C5 and I2." You can use either multiplication or addition. The net member then does the calculation on paper. (No calculators, remember? This also introduces enough delay that the net doesn't get too jammed up.)

Very quickly, the Served Agency has many more messages to send, and each is assigned and passed in turn. He keeps introducing new messages for the first half of the planned duration of the drill.

As one station completes the calculations he contacts the NCS. The NCS then assigns the calculation to a second station for double-checking. Both the math problem and the first station's answer are passed to the second station. He then does the calculation and contacts the NCS. (It is important to keep the original message number associated with the calculation and answer.) If the answers match, the NCS asks the station to call the Served Agency station and pass along the answer. If not, the NCS will assign the calculation to a third station, and even a fourth until at least two stations have the same answer, and then pass it along to the Served Agency. Want real chaos? Try changing the NCS mid-drill! (Not a good idea for the first time out with this drill.)