VILLAGE PRACTICE DRILL

Version of drill 20200314FF.DOX

RESULTS SUMMARY DATED 3/16/2020

Results Auth: 78s 9x9 8%7+

NO EVACUATION - STREET ALERTING DRILL ONLY

Date of Drill: Saturday - March 14, 2020 10:00 HRS.

NEIGHBORHOOD FEEDBACK RESULTS SUMMARY

Comments, observations and preliminary recommendations:

- 1. The hand held Air horns appear to be louder and possibly more effective: BUT, they froze up after blasting for less than 10 seconds. After "freezing", no sound or very little sound came out of the air horn. They had to "sit" and not be used in order to "warm up" before using again. Thus, test results do not reflect actual potential for "air horn" when such is fully operational.
- 2. A louder sound is needed (even when the hand held air horn is functioning properly). Homes located a distance away from roads where alerting was done pose a problem they had a greater problem hearing alerts.
- 3. There is a Need for an alerting device that is distinctive and can be employed by all neighbors, or at least most of them. Relying on only a few select people to activate is NOT recommended as those people may not be at home, etc...

4. For the Next test:

- a. Consider one vehicle driving entire neighborhood and blasting a better quality air horn (or other selected device) so that the sound is more "standardized / uniform" for the entire neighborhood.
 - b. Have a second vehicle follow 5 minutes later with a different alerting system (to see which works best).
- c. When neighbors provide feedback, they need to check off the appropriate column on the response page so that a quantifiable result can be obtained. "I heard it" doesn't provide the needed answer as to whether the sound was loud enough to alert, nor does it say what was heard.

- 5. Each street must have <u>many</u> neighbors who join into the activation and alerting. It is not reasonable to expect others to drive to "your" street to alert you as this may cause them to become trapped in evacuation traffic. The residents on each street need to be active and responsible for their safety.
- 6. There is a need to identify homes with hearing impaired and disabled persons so that they can be specifically identified for needing immediate assistance. Those with hearing disabilities are not going to hear any alert.
- 7. At start of drill the Village Lead had radio failure and had to use a backup radio. This shows the need for backup radios and the need for any area / neighborhood radio operator to be able to jump in and run the area / neighborhood net and activations. Neighbors need to actively participate in the weekly radio nets. That means checking in and providing reports. Mere "listening" is not preparation.
- 8. A vehicle breakdown took place during the drill. This shows the need to be able to communicate with others. if your vehicle fails during an evacuation, you will need immediate assistance to help evacuate you and your family. All vehicles should have radios in them (preferably with Mag mount antennas).
- 9. Neighborhood radio communications (with outside home antennas) for all neighbors is crucial. All need to obtain and use the communication plan.
- 10. At least one air horn leaked at the connection between the horn and the can. This caused freezing air to make contact with the hand, which could cause burns.
- 11. When you hear the alarm, immediately make sure your radio is on, that it is on Channel 1 and that the battery is fully charged. Your radio should be on 24/7 (at least on Channel 1)!
- 12. We had an excellent turn out and participation by the neighborhood and radio operators.

THANK YOU TO EVERYONE WHO PARTICIPATED!

sample of air horn used for testing.



Summary of results – next page

STREET	AIR SI	GNAL H	ORN (U	S COAST GUARD)	CAR HORN				
		sound wa	s:			sound wa			
FOR DRILL RESIDENTS WERE TO BE INSIDE THEIR HOMES WITH WINDOWS AND DOORS CLOSED.	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	
STREET NOTE: WHERE THE AIR HORN USED, IT WAS ONLY PARTIALLY USED BECAUSE ALL OPERATORS REPORTED THAT THEY FROZE UP AND HAD TO WAITE UNTIL THEY UNFROZE BEFORE COULD USE AGAIN. THUS THE AIR HORN NOT USED CONSISTENTLY.	[check o	column whic	h applies		[check c	olumn whic to you]	h applies		
Shasta Forest Drive Alerting done by Car Horn [AIR HORN FROZE UP] - ALERTED BY CAR HORN IN FRONT OF EACH PAIR OF HOUSES: ANOTHER(s) USED CAR HORN & AIR HORN -	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	
response –north side; long driveway down hill						x	х	Faint car horn heard from upstairs. Nothing nothing heard downstairs	
response						х			
response							х		
response							х		
response						х			
response							х		

	AIR SI	GNAL H	<mark>ORN</mark>		CAR HORN				
Figaro Alerting done by Car Horn & PARTLY AIR HORN [BUT AIR HORN FREEZE UP]	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	
response	Х						Х		
response			X				X		
response	X								
response			X				X	ELDERLY TV ON. BAD HEARING	
response		X		WOULD NOT AWAKEN					
response		Х		WOULD NOT AWAKEN			Х		
response		Х		WOULD NOT AWAKEN – DOUBLE GLASS WINDOWS			Х		
response	X			WAS ASLEEP AND STARTLED HER AWAKE					
response			х	NEAR TINKERBELL [NOTE: AIR HORN NOT WORKING AT THAT POINT]			x		
response			Х	ELDERLY – BAD HEARING			Х	ELDERLY BAD HEARING	
response	X->>			HEARD SOUND - NOT SURE WHETHER AIR HORN OR CAR HORN - WOULD HAVE AWAKENED	X->>			HEARD SOUND - NOT SURE WHETHER AIR HORN OR CAR HORN - WOULD HAVE AWAKENED	
response	Х			FRONT WINDOW OPEN	Х			FRONT WINDOW OPEN	
response		Х				Х			
	AIR SI	GNAL H	ORN		CAR HORN				
Sleepy Lane – Air horn froze up within 4 seconds of use. Therefore used Car horn.	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	
response					х				
response					х				

	AIR S	SIGNAL	HORN		CAR H	ORN		
Sleepy Hollow Drive Alerting done by Car Horn & AIR HORN (FREEZE UP PROBLEMS)	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES
response			х				х	
response	x				х			
response			х				х	
response						X		HEARD CAR HORN – WOULD NOT WAKE THEM UP;
	AIR SIGNAL HORN				CAR H	ORN		
Tinker Bell Air Horn								
Froze up in short time-								
and Car Horn								
response			х	Age 90			х	Age 90
response	х							
response	х							
response		?		"HEARD IN MIDDLE OF TINKER BELL " BUT NO DESCRIPTION.		?		"HEARD IN MIDDLE OF TINKER BELL " BUT NO DESCRIPTION.
	AIR :	SIGNAL	HORN		CAR H	ORN		
Thumper Drive Air horn froze up in short time- and car horn	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES
response		-	х	Mid Thumper / had tv on		-	х	Mid Thumper / had tv on
response	х				х			
response near Shasta forest drive		х		Would not wake her up. Heard because "listening" for it		х		Would not wake her up. Heard because "listening" for it
response			х				х	
response								
response	Х					X		
response – EAST END OF THUMPER – NO ONE DROVE BY HIS HOUSE.			X FROM INSIDE	COMMENT FROM OUTSIDE HOME – AIR HORN DEFINITELY LOUDER THAN CAR HORNS			X FROM INSIDE	

	AID	SIGNAL	HORN		CAR H	OPN		
		SIGNAL I				<u>UKN</u>		
Bambi Drive	Loud and	Barely	Not heard	NOTES	Loud and	Barely	Not heard	NOTES
Air Horn failed after 3 second	would	heard	and <i>would not</i>		would	heard	and	
burst (right after start).	<i>alert</i> you	and <i>might not</i>	<i>alert</i> you		<i>alert</i> you	and <i>might not</i>	<i>would not</i> <i>alert</i> you	
Used car horn.		<i>alert</i> you	aieri you			<i>alert</i> you	<i>aiert</i> you	
response		x		Faint sound of air horn - not				
				sure if would awaken. He				
				had dishwasher on in house.				
response						×		Heard car horn but now
•								description of how loud.
response		х		Heard air horns and car		ж		Heard air horns and car
				horns – but muffled				horns – but muffled
					х			Heard car horn and it would
								awaken her
Chip-in-Dale								
No alerting done on								
Chip-in-Dale								
response	+		х	Slept through drill – didn't			х	Slept through drill – didn't
response			^	hear anything			^	hear anything
	+			near anything				near anything
	AIR SIGNAL HORN				CAR HORN			
Dogwood Drive	Loud and	Barely	Not heard	NOTES	Loud and	Barely	Not heard	NOTES
_	would	heard	and		would	heard	and	
Air horn – but froze up;	<i>alert</i> you	and	would not		<i>alert</i> you	and	would not	
car horn; and		might not	<i>alert</i> you			might not	<i>alert</i> you	
						<i>alert</i> you		
bull horn		<i>alert</i> you				_		
bull horn response		<i>alert</i> you	x			-	×	
		alert you	х			×	х	Heard faint honking : and
response		alert you	х			-	ж	Heard faint honking : and Bull horn "drill".
response		alert you	х			-	х	Bull horn "drill".
response		alert you	ж			х	х	Bull horn "drill". Heard honking and bull horn
response		alert you	х			х	ж	Bull horn "drill". Heard honking and bull horn Sleeping husband did not
response		alert you	х			х	ж	Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything.
response		alert you	х			х	х	Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything.
response		alert you	х			х	x	Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything. Wife heard it but didn't think
response response response		alert you	х			х		Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything. Wife heard it but didn't think
response response response		alert you	х			x		Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything. Wife heard it but didn't think it would awaken her.
response		alert you	х			x		Bull horn "drill". Heard honking and bull horn sleeping husband did not hear anything. Wife heard it but didn't think it would awaken her. Heard but not sure whether
response response response response response		alert you	х			x		Bull horn "drill". Heard honking and bull horn Sleeping husband did not hear anything. Wife heard it but didn't think it would awaken her. Heard but not sure whether
response response response		alert you	х			x		Bull horn "drill". Heard honking and bull horn sleeping husband did not hear anything. Wife heard it but didn't think it would awaken her. Heard but not sure whether

	AIR SIGNAL HORN				CAR H	ORN		
Clarabelle – USED TRUCK HORN ONLY	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES	Loud and would alert you	Barely heard and <i>might not</i> <i>alert</i> you	Not heard and would not alert you	NOTES
response						Х		WIFE UP AND HEARD "IT". HUSBAND SLEEPING – HE HEARD NOTHING

END