



Incident Mobilization (R-T-S) Nets

*Mobilization Radio Nets for ZR Incidents
- A V-C-N.org Academy Course -*



Volunteer Communications Network (V-C-N)

Incident Notification System

Participating Organizations

- “Organizational autonomy” respects the right of each organization to develop, test and evaluate their own systems.
- **Notification** is how participating organizations contact and notify members a real or potential incident exists.

Notification System

- ❑ A notification system is used to distribute or communicate an initial or possible situation from an agency, department or NGO to its members.
- ❑ An agency/organization notification system does not apply to non-members--other radio operators not affiliated with the organization.
- ❑ It applies “only” to its own members.

SAL #1: NOTICE

- ❑ Notification of a real or potential incident.
- ❑ Initiate “resource net” (RN).
 - ❖ RNCS conducts RESTAT operations (identify “status & availability” of resources.
- ❑ Initiate intelligence-gathering activities.

SAL #1 Announcement

- ❑ QST. QST. QST. Attention all stations.
- ❑ This is <Callsign>.
- ❑ <Organization> has just been notified by the <Agency> and is now at Standardized Activation Level #1.
- ❑ All members of <Organization> are instructed to follow their RED plan and complete all checklist items for SAL #1.
- ❑ Break.

SAL #1 Announcement

- ❑ <Callsign> Continuing.
- ❑ This station will now begin a resource net to identify the “status and availability” of <Organization> members. Please identify whether you are “available” or “delayed” or “out of service” and what periods you will be available from now until <0000> hours.

BREAK.

V-C-N.org Academy Course #044

ZRICS ACTIVATION/MOBILIZATION CHECK LIST

A. AUTHORITY		
1. <input type="checkbox"/> ACTIVATION:	YYYY-MM-DD-TTTT:	BY:
2. <input type="checkbox"/> MOBILIZATION:	YYYY-MM-DD-TTTT:	BY:
3. NOTIFIED BY:	YYYY-MM-DD-TTTT:	BY:
4. METHOD:	<input type="checkbox"/> PHONE <input type="checkbox"/> E-MAIL <input type="checkbox"/> 2-WAY <input type="checkbox"/> TV <input type="checkbox"/> RADIO CH / FREQ:	
5. ORGANIZATION:		
6. CALL BACK:		

B. INCIDENT INFORMATION		
1. NAME		P-CODE:
2. NUMBER		M-CODE:
3. LOCATION		
4. MAP REF		
5. REPORT TO		

C. ASSIGNMENT INFORMATION	
1. FUNCTIONAL	
2. TACTICAL	
3. TACTICAL ID	
4. SPECIAL INFO	

D. COMMUNICATIONS INFORMATION				
FCC SERVICE	<input type="checkbox"/> (A)RS <input type="checkbox"/> (G)MRS <input type="checkbox"/> (F)RS <input type="checkbox"/> (M)URS <input type="checkbox"/> (C)B <input type="checkbox"/> (O)THER:			
1. RNCS:	FREQUENCY:	PL OR CTCSS TONE:	OFFSET (P) OR (M)	YYYY-MM-DD-TTTT
2. TNCS:	FREQUENCY:	PL OR CTCSS TONE:	OFFSET (P) OR (M)	YYYY-MM-DD-TTTT
3. SNCS:	FREQUENCY:	PL OR CTCSS TONE:	OFFSET (P) OR (M)	YYYY-MM-DD-TTTT

E. RESOURCE NET (RN) CONTROL STATION (RNCS) STATUS	
<input type="checkbox"/> OPEN	Normal free flow of communications operations, sharing of messages, and unit-to-unit transmissions. Radio discipline = Recommended
<input type="checkbox"/> DIRECTED	All participants MUST go through the Net Control Station (NCS) and obtain authorization before initiating transmission of message.
<input type="checkbox"/> RESTRICTED	Restricted radio traffic only. Only immediate or priority messages (reports of injury, damage or immediate threat are allowed. This is used in severe situations.
<input type="checkbox"/> EMERGENCY	Life - Safety - Emergency: ONLY communications directly related to that in active support of the situation. Radio discipline = mandated.

SAL LEVEL ##
& "KEY WORDS"
REMAIN THE
SAME ACROSS
ALL ORGS.

SPECIFIC
"RESPONSE"
ACTIVITIES
AT EACH
LEVEL
TO BE DECIDED
BY EACH
ORGANIZATION.

ZRICS		CATEGORY "Z" RADIO (ZR) INCIDENT COMMAND SYSTEM
F. STANDARDIZED ACTIVATION LEVEL (SAL) OPERATIONS AND/OR ACTIVITIES		
<input type="checkbox"/> SAL-0		NORMAL. There are NO known or potential incidents, dangers, threats or situations. RESPONSE: Continue daily operations & schedules. Conduct ongoing preparedness program and maintain both readiness and awareness levels.
<input type="checkbox"/> SAL-1	YYYY-MM-DD-TTTT:	NOTICE. Initial notification of current or possible incident, threat or situation. RESPONSE: No deployment mobilization authorized. Implement Checklist: 1. Advise – or ESTABLISH – "resource net" and confirm initial radio contact. 2. Advise RNCS of "status & availability" – or conduct RNCS operations. Document all "status & availability" using standardized ZR Resource Status (RESTAT) Report (ZR3-11AD-F). 3. If AVAILABLE, continue deployment checklist sequence. 4. Initiate intelligence gathering & documentation activities regarding situation 5. Begin portable (HT) radio and other rechargeable devices on "charge" status.
<input type="checkbox"/> SAL-2	YYYY-MM-DD-TTTT:	ALERT. Local or adjacent OA emergency "volunteer" responder communicators mobilized. RESPONSE: No deployment mobilization authorized. Support requests may be possible. Implement Checklist (details inside e-mail notification message): 1. Advise family members / loved ones. 2. Confirm radio programming for accuracy. 3. Continue intelligence-gathering & documentation activities. 4. Initiate PFOG and continue deployment checklists sequence. 5. Initiate vehicle safety inspection (VSI) checklist. (Confirm gas tank levels=FULL) 6. Start daily ICS-214 documentation. Record all actions / activity.
<input type="checkbox"/> SAL-3	YYYY-MM-DD-TTTT:	STAND-BY. No deployment mobilization authorized. Notification of possible shift activation. RESPONSE: Implement ALERT Checklist and all previous levels. 1. Confirm health/safety of all family members/loved ones. 2. Advise "out-of-area" emergency contacts of situation. 3. Monitor situation by radio (if possible or practical) 4. Continue intelligence gathering, deployment checklists & documentation activities. 5. Announce to RNCS when you are "ready to mobilize" 6. RNCS to initiate or create TNCS capability.
<input type="checkbox"/> SAL-4	YYYY-MM-DD-TTTT:	STAGE. Notification of full or partial shift deployments with mobilization code (M-code required). RESPONSE: Obtain M-Code. Implement activation checklist and all previous levels: 1. Establish and maintain communications with NCS. 2. Begin F-IAP. Confirm "safety net" operations, contact and frequencies. 3. Confirm all intentions with NCS before implementing any actions. 4. Maintain daily ICS-214 for details (mileage, locations, assignments) and accuracy.
<input type="checkbox"/> SAL-5	YYYY-MM-DD-TTTT:	DEPLOY. Full or partial assignment to incident, perhaps in shifts. (M-code required.) RESPONSE: Implement checklist and all previous levels: 1. Follow all deployment instructions and safety guidelines. 2. NEVER leave your radio unattended (without authorization). 3. Contact NCS before deviating from any assignment or instructions.
<input type="checkbox"/> SAL-6	YYYY-MM-DD-TTTT:	DISASTER. Disaster operations mode. No M-Code required (to activate, mobilize or assist). RESPONSE: Do whatever you can to help. Maintain a safe environment. Never jeopardize the safety of yourself or those around you. Unconventional assignments may be necessary. Remember AND USE your training and common sense. Keep daily ICS-214 updated.
<input type="checkbox"/> SAL-R	YYYY-MM-DD-TTTT:	RECOVERY. Not available for assignment unless Activation Level 6 incident or situation. RESPONSE: Implement SAL-R checklist: 1. Confirm safety of family / loved ones / neighbors. 2. Replenish or replace all used or depleted resources. 3. Conduct vehicle safety inspection (VSI). 4. Implement plan for recovery to SAL-0 preparedness/readiness capability. 5. Advise when Level 0 using most expeditious method.

NORMAL

NOTIFICATION
(2)

ACTIVATION

MOBILIZATION
(3)

RECOVERY

V-C-N Guidelines

- ❑ Regardless of notification system, all participating organizations should initiate a “resource net” (RN) and conduct “status and availability” operations using standardized V-C-N “ZR3-11AD-F” form to create initial **resource status** (RESTAT) report.
- ❑ Organizational notification protocols should be used: telephone, e-mail, radio, etc.

V-C-N Guidelines

- Resource Net (RN) provides RESTAT report results based on pre-defined organizational protocols:
 - ❖ Who to contact
 - ❖ What to report
 - ❖ How to report
 - Manner of reporting available resources


V-C-N “ZR3-11AD-F”

- Used to document “status & availability” of organizational members
 - ❖ Following an official notification, activation or mobilization by your organization
 - ❖ To fulfill training requirements during drill sessions or proficiency exercises
 - ❖ Standardized form increases mutual aid capability

COMPLETE THIS FORM BEFORE DEPARTING FOR ANY V-C-N OR ZRICS INCIDENT / EXERCISE
VOLUNTEER COMMUNICATIONS NETWORK

PERSONAL VEHICLE SAFETY INSPECTION (VSI) CHECKLIST

CURRENT DATE-TIME (YYYY-MM-DD-TTTT)		ZRICS DESIGNATOR (OR ORGANIZATION)		
LAST NAME		FIRST NAME		
INCIDENT NAME			INCIDENT NUMBER: (CC-ST-ORG-000000)	
LICENSE PLATE	STATE	YEAR	VEHICLE MAKE	VEHICLE MODEL
CHECK-IN DATE-TIME (YYYY-MM-DD-TTTT)		P-CODE	SIGNATURE	
CHECK-OUT DATE-TIME (YYYY-MM-DD-TTTT)		P-CODE	SIGNATURE	



OWNERS/OPERATORS OF A PERSONAL VEHICLE MUST PERFORM A VEHICLE SAFETY INSPECTION (VSI) USING THIS FORM TO ENSURE VEHICLE CAN BE SAFETY OPERATED IN SUPPORT OF ANY V-C-N OR ZRICS OPERATION, ACTIVITY OR EXERCISE.

IF DEVIATIONS ARE IDENTIFIED, DO NOT OPERATE UNTIL AUTHORIZED "IN WRITING" BY A ZR(ICS) SAFETY OFFICER OR YOUR DESIGNATED "DIRECT REPORT"

**V-C-N.org
Academy
Course
#173**

**Complete
after
receiving
SAL #2**

##	YES	NO	BEFORE STARTING ENGINE
B01			DRIVER'S LICENSE: VALID + CURRENT
B02			VEHICLE REGISTRATION: VALID + CURRENT
B03			VEHICLE INSURANCE: PROOF OF CURRENT COVERAGE FOR VEHICLE
B04	LF RF LR RR	LF RF LR RR	SEAT BELT IN GOOD WORKING ORDER: ALL VEHICLE OCCUPANTS
B05	F: <input type="checkbox"/> R: <input type="checkbox"/>	F: <input type="checkbox"/> R: <input type="checkbox"/>	LICENSE PLATE: REAR IS MANDATORY. IDENTIFY NO FRONT
B06			LICENSE PLATE MATCHES VEHICLE REGISTRATION
B07	LF RF LR RR SP	LF RF LR RR SP	TIRES: DRIVING (ALL 4) AND SPARE = MAPS TREAD WEAR
B08			ENGINE OIL "DIP STICK" IN SAFE ZONE
B09			REAR VIEW MIRROR: DRIVER MUST SEE 200' TO REAR AT ALL TIMES

##	YES	NO	AFTER STARTING ENGINE
A01	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: FRONT HEADLIGHTS – LOW BEAM
A02	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: FRONT HEADLIGHTS – HIGH BEAM
A03	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: FRONT PARKING LIGHTS
A04	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: FRONT TURN SIGNALS
A05	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: FRONT 4-WAY FLASHERS
A06	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: REAR 4-WAY FLASHERS
A07	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: REAR TURN SIGNALS
A08	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: REAR PARKING LIGHTS
A09	L: <input type="checkbox"/> R: <input type="checkbox"/>	L: <input type="checkbox"/> R: <input type="checkbox"/>	LIGHTS: REAR BRAKE LIGHTS
A10			LIGHTS: REAR LICENSE PLATE LIGHT(S) WORKING
A11			HORN: WORKS WHEN ACTIVATED FROM STEERING COLUMN
A12	CRACK BREAK	CRACK BREAK	WINDSHIELD (FRONT): CRACKED OR BROKEN
A13			WIPERS: WORK PROPERLY AND NOT RIPPED OR TORN
A14			GASOLINE: GAUGE WORKS PROPERLY AND ACCURATELY.
A15			BRAKES: WORK PROPERLY



Volunteer Communications Network (V-C-N)

SAL #2: ALERT

- Neighboring or adjacent emergency communicator organizations are being (or have been) mobilized.



Volunteer Communications Network (V-C-N)

Incident Activation System

Participating Organizations

- “Organizational autonomy” respects the right of each organization to develop, test and evaluate their own systems.
- **Activation** is how participating organizations identify which resources should escalate activities beyond notification.



Volunteer Communications Network (V-C-N)

SAL #3: STAND-BY

- ❑ Notice of full or partial shift activation.
- ❑ Maintain “resource net” (RN) contact.
- ❑ Continue preparedness and intelligence-gathering activities.

Activation System

- Each organization is responsible for documenting, testing and evaluating its own activation system.
 - ❖ **RESTAT report = Member Availability**
 - ❖ Which members are activated?
 - All?
 - In shifts?
 - Are members to wait for further instructions?
 - What actions should be taken?



Volunteer Communications Network (V-C-N)

Incident Mobilization System

Participating Organizations

- “Organizational autonomy” respects the right of each organization to develop, test and evaluate their own systems.
- **Mobilization** is how participating organizations identify which resources should escalate activities beyond activation.

Mobilization System

- Each organization is responsible for documenting, testing and evaluating its own mobilization system.
 - ❖ RNCS provides “authorization to travel” permission?
 - ❖ TNCS monitors “in transit” resources?
 - ❖ SNCS is point of contact (POC) after arrival at incident base, staging area or incident command post?

SAL #4, SAL #5

- **#4**: Stage
- **#5**: Deploy

Mobilization Autonomy

- Each organization identifies the resources **it approves** for mobilization authorization.
- Mobilization authorization means a **position requirement exists** for that individual **on the incident**.
- An **incident need** or **mission objective** must be identified (by the incident or organization) before incident assignments are given to resources.



Volunteer Communications Network (V-C-N)

Incident Mobilization (R-T-S) Nets

Incident Mobilization (R-T-S) Nets

- A radio net will be used to conduct incident resource, travel and staging operations.
 - ❖ “Resource net” (RN) control station (RNCS)
 - ❖ “Travel net” (TN) control station (TNCS)
 - ❖ “Staging net” (SN) control station (SNCS)

Incident Resource Net (RN)

- ❑ Staffed by an “resource net” control station (RNCS) radio operator
- ❑ Responsibility: Identify who is available, period(s) of availability, overall capability (if no ERD), and type of assignment.
- ❑ Coordinate with “field” or “EOC” regarding defined or declared incident “needs”
- ❑ Provide “authorized to travel” permission (or mobilization codes) when matching individual capability to incident “need”

Incident Resource Net (RN)

- May be one or more (multiple) incident RNCS radio operators on a single frequency
- Multiple RNCS on a single frequency will require use of “tactical callsign” protocols to identify each and avoid confusion
 - ❖ <Incident Name> Resource Net
 - ❖ <Jurisdiction “A”> Resource Net
 - ❖ <Jurisdiction “B”> Resource Net

Incident Resource Net (RN)

- Usually will be one of the first stations to initiate “on air” operations.
 - ❖ Exception: “Quake Net” (QN)
- Following EQ, may be preceded by “quake net” (QN) control station (QNCS)
 - ❖ Preliminary field damage assessment reports
 - ❖ Using abbreviated “modified mercalli” scale

Incident Resource Net (RN)

- May also accept reports of injuries/damage.
 - ❖ Identify “size” and “scope” of incident.
 - ❖ Conditions of roads, bridges and overpasses.
- Should also be prepared to document emergency traffic (injuries, road closures, bridge collapses, downed power lines, etc.)
- Should also be prepared to document preliminary damage assessment information

Incident Resource Net (RN)

- ❑ Identify “status and availability” of members
- ❑ Document using V-C-N “ZR3-11AD” series
- ❑ Record all entries timely and accurately
- ❑ May require the use of multiple copies of the form (based on the number of members in your organization)
- ❑ Forms become part of incident document package (V-C-N “ZR3-10AD” series)

Incident Resource Net (RN)

- ❑ Responsible for tracking resources that status of “assigned” or “available” **BEFORE** departing for incident.
- ❑ Conduct RNCS operations only for one or more incidents and/or organizations
- ❑ Guidance provided by local Response and Emergency Deployment (“RED”) plan.

Incident Travel Net (TN)

- ❑ Staffed by a “travel net” control station (TNCS) radio operator
- ❑ Responsibility: Maintain contact with “in transit” resources AND conduct periodic health and welfare (H&W) checks (as time permits).
- ❑ Provide radio contact capability to all “in transit” resources traveling to/from incident assignments.

Incident Travel Net (TN)

- ❑ Identify all members during “in transit” periods to/from incident
- ❑ Document on V-C-N “ZR5-07AD” Series
- ❑ Enter “callsign” as units check “in” to TN
- ❑ Record time & mileage in designated blocks
- ❑ Start & Arr: Enroute “to” incident
- ❑ Dep & Stop: Enroute “fr” incident
- ❑ Documents time donated & miles driven

Form Purpose Is Same

- ❑ Starting, Arriving, Departing, Stopping.
- ❑ Beginning, Arriving, Departing, Ending.

- ❑ Important to announce during TN operations to ensure properly block is filled in for correct callsign.

CALLSIGN	BEGIN TIME	MILEAGE	ARR TIME	MILEAGE	DEP TIME	MILEAGE	END TIME	MILEAGE
KB6UJW	0800	119.2	0825	142.6				
KG6LFZ	0801	263.9	0824	287.3	1429	302.6	1500	326.0
KE6FUZ	0802	127.3	0900	147.3	1500	205.8		
KG6WTQ	0802	116.0	0847	125.0	1424	131.0	1501	140.0
KE6NNQ	0804	156.7	0835	182.0	1515	182.0	1547	207.3
KK6KK	0805	922.4	0819	937.4				
KB6CUS	0810	185.3	0819	198.0	1525	215.3		
KB6CUR	0810	185.3	0819	198.0	1525	215.3		
KJ6FBW	0811	249.6	0900	265.6	1505	275.4	1535	291.4
W6HK	0816	873.4	0829	884.4	1515	885.2	1530	896.2
KB6WUM	0818	191.5	0913	ACCIDENT				
AD6WI	0820	647.0	0830	652.0	1545	652.0	1555	657.0
AE6SI	0820	817.3	0851	829.6				
KJ6JBS	0822	4275.8	0912	4317.4				
W6BGR	0823	886.9	0855	904.8				
AE6VM	0825	564.0	0930	575.0				
KJ6AOX	0825	3421.7	0851	3442.8				
WB6T	0810	51162.0	0900	51192.4				
KL6MF	1225	193.1	1255	212.7				

CALLSIGN	BEGIN TIME	MILEAGE	ARR TIME	MILEAGE	DEP TIME	MILEAGE	END TIME	MILEAGE
K6JA	1226	193.1	1255	212.7				
WB6NOA	1230	569.0	1245	583.7				
N6GLF	1230	569.0	1245	583.7				
KO4QT	1231	385.2						
KI6GOA	1240	723.5	1255	733.5				
KC6FIC	1241	123.4	1300	133.4	1610	133.4	1622	143.6

V-C-N “ZR5-07AD-F- Form

- ❑ Shows all units “in transit” to/from incident.
- ❑ Identified all units “in transit” and available for reassignment.
- ❑ Provides “at a glimpse” availability of all incoming/departing resources.
- ❑ Allows incident/exercise operations to change assignments of incoming units **BEFORE** they arrive at original assignment.

Incident Travel Net (TN)

- May be multiple (more than one) incident TNCS radio operators on a single frequency
- Multiple TNCS on a single frequency will require use of “tactical callsign” protocols to avoid confusion
 - ❖ <Incident Name> Travel Net
 - ❖ <Jurisdiction “A”> Travel Net
 - ❖ <Jurisdiction “B”> Travel Net

Incident Travel Net (TN)

- TNCS ICS-214 Entries
 - ❖ Accidents, Injuries,
 - ❖ ICE Staging periods
 - ❖ Field TX regarding discovered or identified threats and/or hazards
 - ❖ Bridge/road closures, electrical outages
“How Big?” and “How Bad?”
 - ❖ Special circumstances/operations

Incident Staging Net (SN)

- Provide radio contact capability to incident resources as they “arrive” at ICP, STG, base camp or other incident facility.
- Staffed by a “staging net” (SN) control station (SNCS) operator
- **Responsibility**: Identify all resources as they “arrive” at incident and provide “on scene” instructions regarding parking, updated point of contact (POC) information.

Incident Staging Net (SN)

- ❑ Operations will usually be conducted on a local tactical (simplex) frequency.
- ❑ Incident “OPERATIONS” to designate tactical callsigns (such as 4A1, 4A2, etc.)
 - ❖ Note: ZR4A = Staging (STG) Area Specialist
- ❑ Provide guidance and direction to incoming units regarding check-in and other incident operations (designated parking locations).
- ❑ Mitigate unnecessary radio transmissions on “resource net” (RN) or “travel net” (TN) frequencies.

THANK YOU

- This slide ends this course.
- If you have questions, first contact your organization's "qualification specialist" ("ZR5Q") position or training officer.
- If no ZR5Q or equivalent exists, contact the V-C-N.org Academy via e-mail.