



UTTAR PRADESH STATE DISASTER MANAGEMENT AUTHORITY



Sri Yogi Adityanath
Chief Minister of Uttar Pradesh

STATE DISASTER MANAGEMENT GUIDELINE INCIDENT RESPONSE SYSTEM

IRS GUIDELINE

2022

Contents

Chapter	TITLE	PAGE NO.
	List of Figures	ii
	Foreword	iii
	Acknowledgement	iv
	Abbreviations	v-viii
	Introduction & Aim	1
1	IRS Organisation	2-11
2	Disaster Response Management	12-28
3	Incident Commander and Command Staff	29-33
4	General Staff	34-35
5	Operation Section	36-54
6	Planning Section	55-60
7	Logistics Section	61-71
	Annexures	72
Annexure-I	Incident Briefing – IRS Form 001	73-76
Annexure-II	Incident Status Summary (ISS)-IRS Form 002	77-78
Annexure-III	Unit Log-IRS Form 003	79
Annexure-IV	Record of Performed Activities-IRS Form 004	80
Annexure-V	Organization Assignment List-IRS Form 005	81
Annexure-VI	Incident Check-in and Deployment List – IRS Form 006	82
Annexure-VII	On Duty Officer List-IRS Form 007	83
Annexure-VIII	Medical Plan-IRS form 008	84
Annexure-IX	Communication Plan-IRS Form 009	85
Annexure-X	Demobilisation Plan – IRS Form 010	86
Annexure-XI	IRS Positions and suitable officers at District levels	87-91
Annexure-XII	Nuclear/Radiological Emergency	92
Annexure-XIII	Examples of Groups for Formation of Strike Team & Task Force and their Roles & Responsibilities	93-95
Annexure-XIV	State Level Incident Response Team (IRT)	96-97
Annexure-XV	District Level Incident Response Team (IRT)	98-99

LIST OF FIGURES

Figures	Details	Page No.
Fig. 1.	IRS Organisation	2
Fig. 2.	Steps and actions for response	9
Fig. 3.	IRT Framework	11
Fig. 4.	IRT at State level	14
Fig. 5.	IRT at District level	18
Fig. 6.	Symbols used for Identification of different facilities	26
Fig. 7.	Composition of Command Staff	29
Fig. 8.	Composition of General Staff	35
Fig. 9.	Composition of Operations Section	36
Fig. 10.	Expansion of Branch	39
Fig. 11.	Composition of Road Operations Group	44
Fig. 12.	Composition of Rail Operations Group	47
Fig. 13.	Composition of Water Operations Group	48
Fig. 14.	Composition of Air Operations Group	51
Fig. 15.	Composition of Planning Section	55
Fig. 16.	Composition of Logistics Section	61



Vice Chairman
Uttar Pradesh State Disaster
Management Authority
Government of Uttar Pradesh

FOREWORD

The Disaster Management Act-2005 and the National Policy, lays down institutional mechanisms at the National, State, District and Local levels for the conduct of all activities on Disaster Management (DM). Though, these institutions are at different levels, they work in close harmony & unison. The new institutional frameworks are expected to usher in a paradigm shift in DM from relief centric approach to a proactive regime that lays greater emphasis on preparedness, prevention and mitigation.

The Incident Response System (IRS) provides a well-structured, participatory, fail safe, multi-disciplinary, multi-departmental and systematic approach to guide executive & administrative mechanisms at all levels of the government. It also provides scope for private sector, NGOs, CSOs, PRIs and communities to work seamlessly in the response activities.

The introduction of IRS will ensure that the response to disasters in future will definitely be swift, efficient and effective since every stakeholder / responder will be in know of his roles/responsibilities and act & perform accordingly. Moreover, the IRS has a clear chain of command, which will result in prompt and appropriate actions.

The response to any type of Disaster has to be far more comprehensive, effective, swift and well-planned based on a well-conceived response mechanism. I am sanguine that implementation of IRS will ensure in minimising, the loss of life and property by strengthening and standardising the disaster response mechanism in our State.

Lucknow
August, 2022

Lt General Ravindra Pratap Sahi,
AVSM

ACKNOWLEDGEMENT

1. Brig P K Singh (VSM), Senior Consultant, UPSDMA.
2. Shri Mahendra Singh, IAS, ACEO, UPSDMA.
3. Shri Praveen Kishor, Project Coordinator Training, UPSDMA.
4. Shri Badruddeen Khan, Senior Assistant, UPSDMA.

ABBREVIATIONS

AAR	After Action Report
AC	Area Commander
ADC	Additional District Collector
ADM	Additional District Magistrate
AIDS	Acquired Immune Deficiency Syndrome
ATF	Aviation Turbine Fuel
RBD	Response Branch Director
BDO	Block Development Officer
CBDM	Community Based Disaster Management
CBO	Community Based Organisation
CBRN	Chemical, Biological, Radiological and Nuclear
CCMNC	Cabinet Committee on Management of Natural Calamities
CCS	Cabinet Committee on Security
CD	Civil Defence
CDRN	Corporate Disaster Resource Network
CEO	Chief Executive Officer
CM	Chief Minister
CMG	Crisis Management Group
CMO	Chief Medical Officer
CO	Circle Officer
Com./CUL	Compensation/ Claims Unit Leader
CPMFs	Central Para Military Forces
CRF	Calamity Relief Fund
CS	Chief Secretary
Com.UL	Communication Unit Leader
CUL	Cost Unit Leader
DAE	Department of Atomic Energy
DC	Deputy Commissioner
DDMA	District Disaster Management Authority
Demob-UL	Demobilisation Unit Leader
DFO	Divisional Forest Officer
DIPRO	District Information and Public Relations Officer

DM	Disaster Management
DP	Display Processor
DRDA	District Rural Development Agency
DRO	District Revenue Officer
DSS	Decision Support System
DTO	District Treasury Officer
DUL	Documentation Unit Leader
Dy.	Deputy
EOC	Emergency Operations Centre
ESF	Emergency Support Function
ETA	Expected Time of Arrival
FB	Finance Branch
FBD	Finance Branch Director
FC	Finance Commission
FO	Field Observer
FUL	Food Unit Leader
GIS	Geographic Information System
GoI	Government of India
GPS	Global Positioning System
GSU	Ground Support Unit
GSUL	Ground Support Unit Leader
He	He/She
His	His/Her
Him	Him/Her
HLC	High Level Committee
HQ	Headquarters
IAP	Incident Action Plan
IC	Incident Commander
ICP	Incident Command Post
ICS	Incident Command System
IDKN	India Disaster Knowledge Network
IDP	Incident Demobilisation Plan
IDRN	India Disaster Resource Network
IMD	India Meteorological Department
IMG	Inter Ministerial Group

IMO	Information and Media Officer
IRS	Incident Response System
IRTs	Incident Response Teams
ISS	Incident Status Summary
Jt.	Joint
LBSNAA	Lal Bahadur Shastri National Academy of Administration
LO	Liaison Officer
LG	Lt. Governor
LS	Logistics Section
LSC	Logistics Section Chief
MBO	Management by Objectives
MHA	Ministry of Home Affairs
MoD	Ministry of Defence
MUL	Medical Unit Leader
NAC	Notified Area Committee
NCC	National Cadet Corps
NCCF	National Calamity Contingency Fund
NCMC	National Crisis Management Committee
NDMA	National Disaster Management Authority
NDRF	National Disaster Response Force
NEC	National Executive Committee
NGO	Non Governmental Organisation
NIDM	National Institute of Disaster Management
NO	Nodal Officer
NSS	National Service Scheme
NYKS	Nehru Yuva Kendra Sangathan
OS	Operations Section
OSC	Operations Section Chief
PD	Project Director
PHD	Public Health Department
POL	Petrol, Oil and Lubricants
PRIs	Panchayati Raj Institutions
PS	Planning Section
PSC	Planning Section Chief
PUL	Procurement Unit Leader

PWD	Public Works Department
RB	Response Branch
RBD	Response Branch Director
RC	Relief Camp
RO	Responsible Officer
RPUL	Resource Provisioning Unit Leader
RTI	Regional Training Institute
RUL	Resource Unit Leader
SA	Staging Area
SAM	Staging Area Manager
SBD	Service Branch Director
SDM	Sub-Divisional Magistrate
SDMA	State Disaster Management Authority
SDO	Sub-Divisional Officer
SDRF	State Disaster Response Force
SEC	State Executive Committee
SO	Safety Officer
SOPs	Standard Operating Procedures
SP	Superintendent of Police
SUL	Situation Unit Leader
Sup.BD	Support Branch Director
TB	Transportation Branch
TBD	Transportation Branch Director
TS	Technical Specialist
TUL	Time Unit Leader
UC	Unified Command
ULBs	Urban Local Bodies
UN	United Nations
USAID	United States Agency for International Development
USFS	United States Forest Service
UT	Union Territory

INTRODUCTION

Disaster Management (DM) Act 2005, Mandates the State Government, inter alia to take measures for preparation of State DM Plan, integration of measures for prevention of disaster or mitigation with State Development Plan, allocation of funds, establishment of early warning system to assist the Central Government and other agencies in various aspects of Disaster Management.

The Central Government in 2003 decided to adopt the Incident Command System (ICS) as practiced in USA. The ICS, addressed most of the critical gaps in our disaster response mechanism, however need was felt to modify the ICS in line with our Administrative System and provisions of DM Act 2005. The revised version is now referred as the **Incident Response System (IRS)**. The introduction/adaptation will ensure that response to disaster in future will definitely be swift efficient and effective as the stake holder/responder will be prepared & trained in the role, he has to perform with clear chain of command.

AIM

The aim of this document is to discuss the contours/framework of Incident Response System for its adaptation and to lay down the roles and responsibilities of different functionaries in state of Uttar Pradesh and stake holders at State and District levels, the coordination required with multi tiered institutional mechanisms and the need for proper documentation of various activities for better planning and accountability.

IRS Organisation

The IRS organisation functions through Incident Response Teams (IRTs) in the field. In line with our administrative structure and DM Act 2005, Responsible Officers (ROs) have been designated at the State and District level as overall in charge of the incident response management. The RO may however delegate responsibilities to the Incident Commander (IC), who in turn will manage the incident through IRTs. The IRTs will be pre-designated at all levels; State, District, Sub-Division and Tehsil/Block. On receipt of Early Warning, the RO will activate them. In case a disaster occurs without any warning, the local IRT will respond and contact RO for further support, if required. A Nodal Officer (NO) has to be designated for proper coordination between the District, State and National level in activating air support for response. Apart from the RO and Nodal Officer (NO), the IRS has two main components; a) Command Staff and b) General Staff. The structure is shown in Fig. 1.

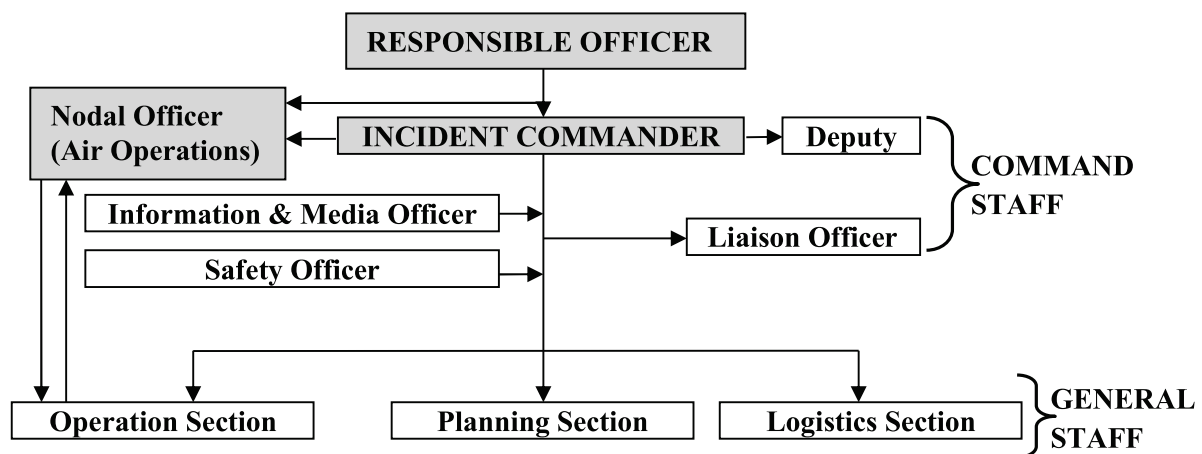


Fig. 1. IRS Organization

Command Staff

The Command Staff consists of Incident Commander (IC), Information & Media Officer (IMO), Safety Officer (SO) and Liaison Officer (LO). They report directly to the IC and may have assistants. The Command Staff may or may not have supporting organisations under them. The main function of the Command Staff is to assist the IC in the discharge of his functions and it has been discussed in Chapter-3.

General Staff

The General Staff has three components which are discussed below and in detail in Chapter- 5, 6 & 7.

Operations Section (OS)

The OS is responsible for directing the required tactical actions to meet incident objectives. Management of disaster may not immediately require activation of Branch, Division and Group. Expansion of the OS depends on the enormity of the situation and number of different types and kinds of functional Groups required in the response management. The roles and responsibilities of OS have been discussed in Chapter-5.

Planning Section (PS)

The PS is responsible for collection, evaluation and display of incident information, maintaining and tracking resources, preparing the Incident Action Plan (IAP) and other necessary incident related documentation. They will assess the requirement of additional resources, propose from where it can be mobilised and keep IC informed. This Section also prepares the demobilisation plan. The roles and responsibilities of PS have been discussed in Chapter-6.

Logistics Section (LS)

The LS is responsible for providing facilities, services, materials, equipment and other resources in support of the incident response. The Section Chief participates in development and implementation of the IAP, activates and supervises Branches and Units of his section. In order to ensure prompt and smooth procurement and supply of resources as per financial rules, the Finance Branch has been included in the LS. The roles and responsibilities of the LS have been discussed in Chapter-7.

Features of IRS

Management by Objectives

Management by Objectives (MBO) covers four essential steps in IRS. These steps should be taken for the management of every incident regardless of its size or complexity:

- a. Understand Government policy and directions including relief code, evacuation procedures etc.;
- b. Establishment of incident objectives;
- c. Selection of appropriate strategies; and

- d. Performance of tactical moves (assigning the right resources, and monitoring performance, etc.).

Unity of Command and Chain of Command

In IRS, Unity of Command means that every individual has a designated supervisor. Chain of Command means that there is an orderly line of authority within the ranks of the organization with a clear cut reporting pattern right from the lowest level to the highest. In the IRS, the Chain of Command is established through a prescribed organisational structure which consists of various layers such as Sections, Branches, Divisions, etc. This feature eliminates the possibility of receiving conflicting orders from various supervisors. Thus it increases accountability, prevents freelancing, improves the flow of information, and helps in smooth coordination in operational efforts.

Transfer of Command

The command of an incident initially is vested in the highest ranking authority in the area where the disaster occurs. The Transfer of Command in any incident may take place for the following reasons:

- a. When an incident becomes overwhelming for the IC and IRT;
- b. More qualified and experienced senior officers arrive at the scene;
- c. The incident situation changes over time, where a jurisdictional or agency change in command is operationally required; and
- d. Normal turnover of personnel in the case of long or extended incidents.

The various processes in IRS of briefing, debriefing, documentation through forms and formats, proves very useful during transfer of command. The IAP, assignment list, details of actions already taken, resources deployed, available, ordered etc. gives an immediate and comprehensive view of the incident status to the new comer.

Organisational Flexibility

The IRS organisation is a need based, flexible organisation. All the components need not be activated simultaneously. It would depend upon the nature and requirements of the incident. Each activated Section, Branch or Unit must have a person in charge to perform its role. In some cases, because of lack of personnel, a single supervisor may be made in-charge of more than one Group, Unit or Section. It should be clearly understood that in such cases the Groups, Units, Sections do not get merged / amalgamated. Their functioning would continue to be independent. Only the supervisory work / responsibility will be performed and discharged by the same individual. The organisational elements that are no longer required should be deactivated to reduce the size of the organisation and to ensure appropriate use of resources.

Span of Control

Span of control refers to the number of elements (Section, Branch or Unit) that one supervisor can directly manage effectively. Ideally a supervisor should have five organisational elements under his control. However if the elements increase to more than five or are reduced to less than three, necessary changes in the IRS organisational structure should be carried out.

Area Command

Area Command is an expansion of the Incident Response function, primarily designed to manage a very large number of incidents that has multiple IRTs assigned or area being isolated because of geographical reasons. It is established for overseeing response and to ensure that conflicts, jurisdictional or otherwise, do not arise amongst deployed responding teams.

Unified Command (UC)

UC is a team effort that allows all agencies with jurisdictional responsibility for the incident, either geographical or functional, to manage an incident by establishing a common set of incident objectives and strategies under one commander. This is accomplished through the UC framework headed by Governor / Lt. Governor (LG) / Administrator / Chief Minister (CM) and assisted by Chief Secretary (CS) without losing or abdicating agency authority, responsibility or accountability.

Common Terminology

In IRS, common terminology is applied to Organisational Elements, Position Titles, Resources and Facilities which are as follows.

- a) **Organisational Elements:** There is a consistent pattern for designating each level of the organisation (e.g., Sections, Branches, Divisions and Units etc).
- b) **Position Titles:** Those charged with management or leadership responsibility in IRS are referred to by specific position titles such as Commander, Officer, Chief, Director, Supervisor, Leader, in-charge etc. It provides a standardised nomenclature for requisitioning personnel to fill various levels of positions.
- c) **Branch:** The organizational level having functional or geographic responsibility for major segments of incident operations. The Branch is found in Operations and Logistics Sections. It is based on various functional requirement of the Section.
- d) **Division:** Divisions are used to divide an incident into geographical area of operations. It is positioned in the IRS organization between the Branch and Groups. Divisions are established when number of resources deployed exceeds

the span of control of the Operations Sections Chief. It is also activated for closer supervision when an area is very distant or isolated.

- e) **Group:** Group refers to only functional responsibilities for major segments of Incident operations. Group consists of different functional teams (Single Resource, Strike Team and Task Force).
- f) **Resources:** Resources are grouped into two categories: i) Primary and ii) Support. The Primary resources are meant for the responder and support resources are meant for the affected people. All resources are however designated according to the 'kind' and 'type'. 'Kind' would mean the overall description of the resource like Bus, Truck, Bulldozer, Medical Team. 'Type' would mean the performance capability of the resource which may be large, medium or small. This helps in ordering the exact and correct resource by the ordering unit. It also helps the deploying agencies to send the correct requirement.
- g) **Facilities:** Different kinds of facilities have to be established to meet the specific needs of the incident. IRS tries to standardise them by using common terminology like Incident Command Post, Staging Area, Incident Base, Camp, Relief Camp, Helibase, Helipad, etc. The details of facilities and its symbols are provided in Chapter-2 and in Chapter-5.

Accountability

In IRS, through a clear cut chain of command it is ensured that one individual or Group is not assigned to more than one Supervisor. Through other procedures and use of various forms, accountability of personnel and resources are ensured. It makes the response effort absolutely focused and leaves no room for unsupervised activity. It helps maintain a complete record of all activities performed and resources deployed. The various procedures and forms in the IRS are as follows.

- a) **Incident Briefing – Form 001** helps in briefing every one involved in the response activities. It also helps new responders to immediately get a complete view of status of response. It shows map of affected site, summary of current action, status of activated IRS organisation and resource summary.
- b) **Incident Status Summary (ISS) – Form 002** indicates the status of the tasks assigned, completed or still to be completed. It also has details of the weather conditions and other threats that may increase the severity of the incident.
- c) **Unit Log – Form 003** is a complete performance report of the IRT down to the different Sections, Branches, Groups indicating their locations and details of work assigned along with resources and the status of work done etc. The details of these

information for the Unit Log will be obtained from the “Record of Performed Activities – Form 004”.

- d) **Record of Performed Activities – Form 004** will be available with every responder under different Sections and will be a complete account of the activities performed during the concerned operational period. The information collected through this form will be compiled by OS and maintained in the Unit Log - Form 003.
- e) **Organisation Assignment List – Form 005** helps in performing the task in a focused manner. After preparation of the IAP in the briefing meeting, the IC and the different Section Chiefs will ensure that the activities required to be performed is listed in the form 005 and circulated among all the concerned responders and supervisory staff of different Sections respectively. It will be like a check list in a particular operational period that helps responders to respond in a comprehensive and focused manner.
- f) **Incident Check-in and Deployment List – Form 006** helps to keep track of resources received at different facilities and dispatched to various incident site for response. This list will be maintained by the managers/in-charges of all the facilities that are setup for response.
- g) **On Duty Officers List – Form 007** The list contains details of the officers who have been deployed. It will be maintained at the Section level and sent to the RO through the IC. The list will help the RO and IC to easily locate officers and issue directions to them.
- h) **Medical Plan – Form 008** will be prepared by Medical Unit of the LS in accordance with IAP. This will contain the number of medical aid camps activated in various locations of affected sites, resources available; i) medical officer, ii) paramedics, iii) other volunteers, iv) life saving drugs, v) medicines / appliances, vi) list of referral services and blood banks, vii) availability and mobilisation of ambulance services and viii) list of Government and private establishments for further support, etc.
- i) **Incident Communication Plan – Form 009** helps to provide a complete picture of the already existing, available communication facilities and where new facilities have to be setup for disaster response. It gives details of the type of communications available, the source of their power supply and whether alternative arrangements are available or not. The plan will also have a design for networking of inter organisation communications facilities of the Police, NDRF, Armed Forces, Irrigation Department etc. keeping in mind the conflicting codes

that may be in use. Because of the large number and variety of sets and possibility of heavy communication traffic, a number of nets may have to be established like command net, operational net, logistics net and ground to air net. It will also help in working out the requirement of supervision, maintenance, replacement, repair and transportation for the maintenance of communication facilities.

- j) **Demobilisation Plan – Form 010** will be prepared by the PS in consultation with IC and other Section Chiefs. It will have to be approved by the RO and widely circulated in advance. It has often been experienced that because of lack of a proper demobilisation plan and a lack of its proper dissemination, resources (men and machines) mobilised for disaster response face difficulties in availing transportation while returning. Demobilisation plan therefore is very important. It is equally important that every one among the responders must know the date and time they have to move and what will be the modality of their movement.

Integrated Communications

Ability to communicate within the IRS structure is very important. Provision for a complete Communication Unit has been made in the LS. Several communication networks may be established depending upon the size, complexity of the incident, availability of various types of equipment and the simultaneous need to communicate by a number of responders and agencies. These may include Command Net, Operational Net, Logistics Net and Ground to AirNet. A suitable interoperable and compatible network between various agencies will have to be designed. This networking is also vital for the integration of agency capabilities like the NDRF, Armed Forces, etc. when they come in aid and support. The GoI is also concurrently working on a National Disaster Communication Network (NDCN) which will be useful in extreme disasters when all existing communication systems have failed.

Resource Management

Resources are managed and assigned under specific terminology to denote their employability. The terms used are as follows;

- a) **Resource Status:** Tactical resources assigned to an incident will always be in any one of the following five status conditions.
- **Required:** Resources that would be needed to respond to disasters effectively and which need to be obtained;
 - **Available:** Resources ready for deployment in the staging area;
 - **Assigned:** Resources on active assignment; and

- **Out-of-Service:** Resources not assigned or not available because of repair or maintenance.

(The resource status is maintained by the PS)

- b) **Single Resource:** Single Resource includes both personnel and their equipment.
- c) **Strike Team:** A Strike Team is a specified combination of a designated number of the same 'kind' and 'type' of resources with common communications and a leader. Strike Teams can be pre-designated or assembled at an incident site from the available Single Resources as per demand of the situation.
- d) **Task Force:** A Task Force is any combination of Single Resource of different 'kinds' and 'types' within the ambit of a specific span of control to perform different types of functions simultaneously. They are assembled for a multi-tactical task in a particular location with common communications and a leader. Task Forces can be pre-determined or assembled for response in an incident site from available Single Resources according to the requirement.

The Incident Action Plan (IAP), Briefing and Debriefing Meetings

Management of every incident needs an action plan and proper briefing of all personnel. The purpose of the action plan and briefing is to provide all concerned personnel with appropriate directions for the various tasks in hand. Before taking up response activities, the RO/IC will need to take stock of the situation, availability and mobilisation of resources for listing out the various tasks and to provide proper briefing to the responders. For this, he will need to hold a proper briefing meeting at the beginning of each operational period. At the end of the operational period, a debriefing meeting is equally important where he will be able to again review whether the objectives were achieved or not and then decide what further steps need to be taken in

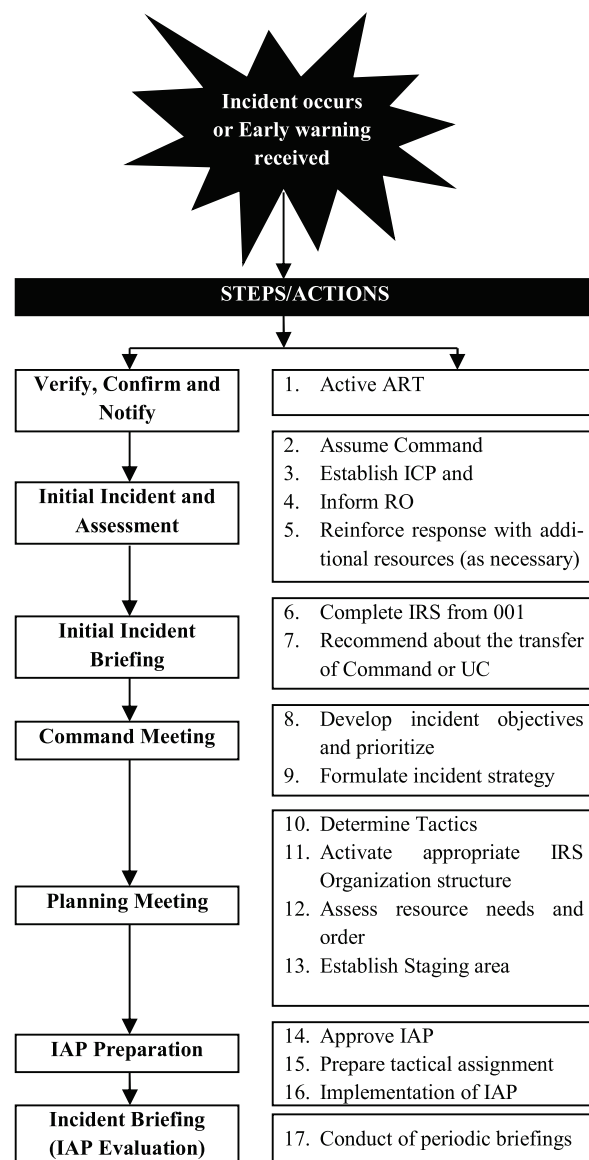


Fig. 2. Steps & Actions or Response

the next operational period. Both the briefing and debriefing meetings are the basis on which the IAP will be prepared and tasks assigned. For the convenience of the IC, a briefing form 001 has also been prepared and placed at Annexure-I. The briefing form - 001 can also be used for briefing of senior officers who arrive on the scene.

In certain circumstances when important development take place and further immediate intervention is needed in-between the briefing and debriefing meetings, the IC may issue directions even before completion of one operational period.

IAP can be written or oral depending on the duration and magnitude of the incident. The incident may be of low, medium or large levels. Low level incident would be of less than 24 hours, medium would be of more than 24 hours and less than 36 hours and a large incident would be of more than 36 hours of emergency operations. In low or medium level incidents, oral action plan may suffice. The directions given orally may be jotted down by the Command Staff and handed over to the PS to be integrated in the IAP.

At times there may be sudden disasters without warning and the IC may have to respond immediately. In such cases also the Command Staff will jot down the decisions taken for response and hand it over to the PS when it is activated and it should be incorporated in the IAP.

In larger incidents when there is adequate early warning, a written IAP will be required. IAP may consist of incident objectives, organisation assignment and division assignment list, incident communication plan, traffic plan, safety plan and incident map etc. Details of the IAP are given in the Planning Section.

The Incident Response Teams (IRTs) at State and District Levels

The IRT is a team comprising of all positions of IRS organisation as shown in Fig. 3 headed by IC. The OS helps to prepare different tactical operations as required. The PS helps in obtaining different informations and preparing plans as required. The LS assesses the availability and requirement of resources and takes action for obtaining them.

IRTs will function at State, District, Sub-Division and the Tehsil/Block levels. These teams will respond to all natural and man-made disasters.

The lowest administrative unit (Sub-Division, Tehsil or Block) will be the first responder as the case may be. If the incident becomes complex and is beyond the control of local IRT, the higher level IRT will be informed and they will take over the response management. In such cases the lower level IRT will merge with higher level IRT.

When a lower level of IRT (e.g. Block/Tehsil) merges with a higher level (e.g. Sub-Division, District or State) the role of IC of lower level of IRT will change. When the Block level IRT merges with Sub-Division level IRT, IC of the Block level may play the role of Deputy IC or OSC or any other duty that the IC of higher authority assigns. This process will be applicable at all levels.

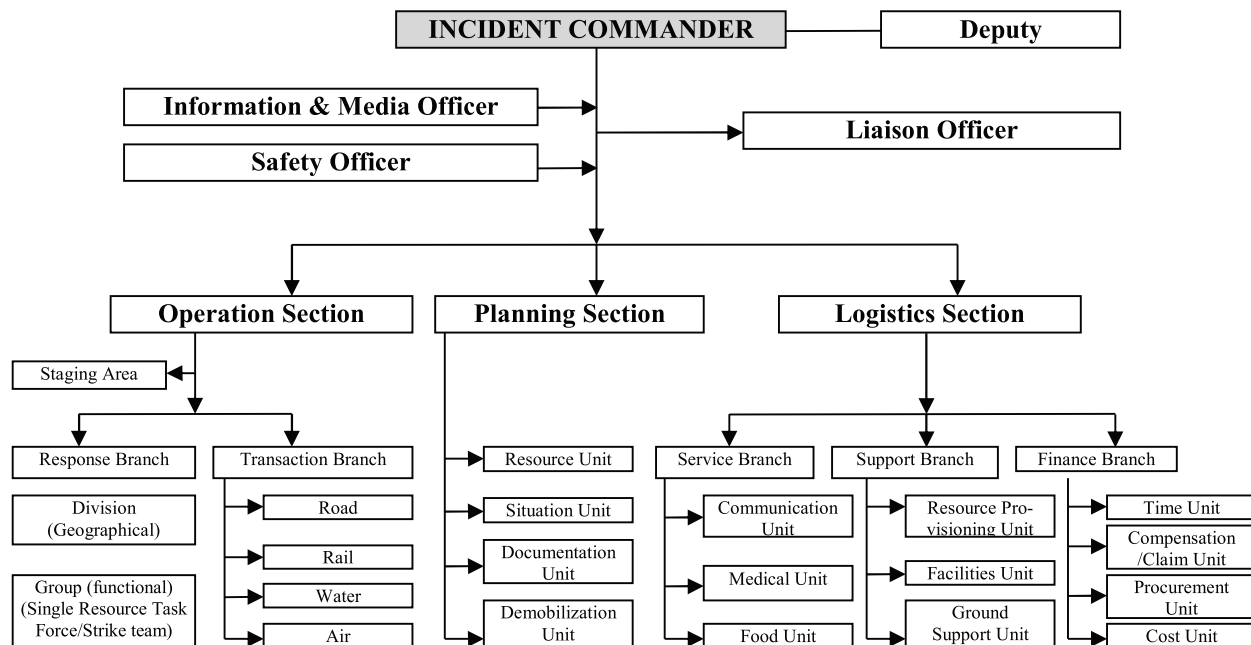


Fig 3. IRT Framework

To sum up, IRS is a system of Management by Objectives through IAP. It takes care of any expanding incident through an organisational structure of Command Staff, Sections, Branches, Divisions, Groups, Units, resources and span of control. Through Unified Command (UC) it allows all agencies having jurisdictional or functional responsibilities to jointly develop incident objectives and strategies. It has a clear cut process for personnel accountability, resource management, integrated communications and transfer of command.

In line with the federal structure of the country, it should be clearly understood that response to any disaster will be carried out by the concerned States and Districts. The GoI will play a supporting role by way of assistance in the form of resources, manpower (NDRF, Armed & Para Military Forces), equipment and funds. At the GoI level, the NCMC or NEC will coordinate and provide the required resources. NDMA will also help in monitoring the coordination of response.

Response Mechanism

India has a well defined, robust and time tested administrative structure. Section 22(2), 24, 30 and 34 of DM Act 2005 has clearly laid down various duties relating to DM to be performed by various agencies. No single agency or department can handle a disaster situation of any scale alone. Different departments have to work together to manage the disaster. For proper coordination and effective use of all available resources, the different departments and agencies need a formalised response management structure that lends consistency, fosters efficiency and provides appropriate direction during response. Response Management constitutes the functions of planning, execution and coordination. While planning in the pre-disaster phase is the responsibility of various authorities created under the DM Act, the execution of the plans has to be carried out by the various line departments of the Government and the existing administrative structure in the District and State. For coordination and ensuring smooth execution of the plans, bodies like NDMA, NEC, SDMA and SEC have been created at the National and State Level. At the District level, planning, execution and coordination of all the activities have been vested in the DDMA itself.

The IRS envisages and lays down various tasks that may need to be performed by the existing administrative machinery at various levels. It also recommends prior identification of officers for the performance of different tasks and getting them trained in their respective roles, and provides a structure under which all the line departments will function in tandem with the District and State administration.

The IRTs will be pre-designated at all levels. On receipt of early warning the RO may activate them. In case of occurrence of disaster without any warning, the local IRTs will respond and report to RO and request further support, if required.

In view of the provisions of the DM Act 2005 and the administrative structure existing in the country at the District and State levels, the roles of the Chief Secretary (CS) and the District Magistrates / DC is all encompassing as regards response. In the IRS, a need was felt to clearly identify a designated authority responsible and accountable by law to respond to disasters and therefore a position of Responsible Officer (RO) has been introduced. Incident response management may however not always require the direct intervention of the RO. On the ground, the management will be done by the IC to whom powers will have to be delegated by the RO. The CSs and the

District Magistrates/DCs will perform the role of ROs in their respective administrative jurisdictions and will be overall responsible for all response activities during any incident or crisis.

The roles of CSs and District Magistrates / DCs have been distinguished in this chapter, so that there will be no ambiguity in the implementation of the IRS for incident response. As per the DM Act, it will be seen that the CS is the Chief Executive Officer (CEO) of the SDMA as well as Chairperson of the SEC. He¹ is also the head of the administrative structure in the State. The District Magistrate / DC is the Chairperson of the DDMA and has been assigned all encompassing role of planning, coordination and execution of DM in his² jurisdiction assisted by all line departments and local bodies. Though at the District level the Chairperson of the Zila Parishad has also been placed as the Co-Chairperson of the DDMA to elicit the community participation in DM, yet the responsibility for disaster response clearly lies with the District Magistrate/DC being the head of the District administration. It will only be the administrative machinery – CS, District Magistrate / DC and their team of officers who will be responsible and accountable for effective response in their jurisdictions. To elicit or mobilise the NGOs, PRIs and communities and other stakeholders for support at the District level, the Co-Chairperson of the DDMA may prove helpful.

Coordinating Arrangements at the National Level

Though response to any disaster has to be mainly done by the State, even before the enactment of the DM Act, 2005, the GoI had already created an apex body for coordination of Crisis Response at the National level, headed by the Cabinet Secretary called the NCMC. The DM Act 2005, has also created a body called the NEC under the Home Secretary for coordination of response.

By convention, the NCMC gets involved in very serious crisis and disasters. The NEC has to statutorily get involved in all disasters. The chairperson of the NCMC / NEC will function as Chief Coordinator for the management of disasters at the National level. The chairperson may designate a Nodal Officer (NO) for this purpose. Various Ministries/Departments of Government may also nominate NOs to perform the task of ESFs which may be required in a particular incident. The constitution of the NCMC / NEC has been designed with the purpose to cover all lead and support functions.

Lead Agency / Nodal Department

The National Policy on DM 2009, has stated that emergencies requiring the close involvement of the security forces and/or intelligence agencies such as terrorism

(counter-insurgency), law and order situations, serial bomb blasts, hijacking, air accidents, CBRN, mine disasters, port and harbour emergencies, forest fires, oilfield fires and oil spills will continue to be handled by the extant mechanism i.e. NCMC and the resources available with the DM Authorities at all levels with regard to cross cutting themes like medical, rescue & relief etc. will be made available to the Nodal ministries/agencies at times of such disasters / impending disasters.

Apart from the above, the management of other major natural and manmade disasters will also require Lead and Supporting agencies. Different disasters require different types of expertise for response. Thus, in case of rescue and relief in natural disaster, it will generally be the local Police and the NDRF / SDRF, in case of Fire it will be the Fire department, in case of drought it will be the Agriculture department, in case of Epidemics and other Biological disasters it will be the Health department that will have to play the lead role and the remaining departments will have to play the supporting role as per requirement and their core competencies. The Chief Coordinator at the national level and the ROs at the State and District level will ensure sensitisation of the concerned departments in advance regarding their roles as lead and supporting agencies.

Coordination of Response at the State Level

In any disaster response, the initial efforts would always be taken by the District Administration. However, when Districts are overwhelmed in any situation, the support necessarily has to come from the State and National level. While the IRS is mainly relevant at the basic functional level, it is absolutely necessary that the support functionaries from the State and the National level also conform to the principles of IRS in the emergency support duties. This will be greatly beneficial for the proper coordination of the various response efforts at the National and State level with that of the District. It is therefore necessary to clearly understand the structure of the IRS in the context of State response. The hierarchical representation of RO with State EOC, Headquarters IRT and its lower level of IRTs at District levels are shown in Fig. 4.

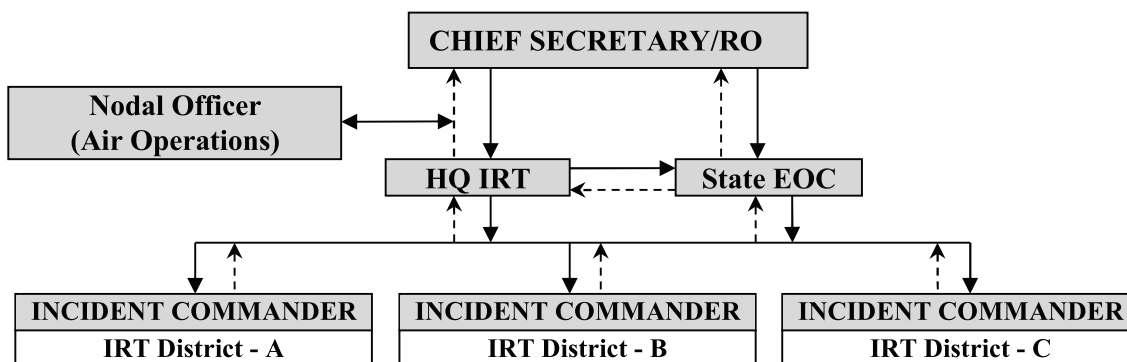


Fig. 4 IRTs at State Level

The organisational structure of IRS at the State level shown in Fig. 3 is not necessarily to be activated in the management of all types and scales of disasters. For monitoring and support of the incident response, the RO will involve all required Emergency Support Functionaries (ESF) and headquarters IRT to support the on scene IC. The IC will work in close coordination with EOC and report to RO.

The State Government / CS will designate various officers of line departments for the corresponding IRS positions to perform duties as enumerated in the subsequent Chapter of these Guidelines. Being the administrative head of the State as well as the CEO of SDMA, the CS is designated as the RO of the State. He may delegate some of his functions to the Secretary, DM of the State, for the day to day supervision and management of the incident. He will however remain fully briefed by EOC and IC and be aware of all developments and progress of response activities at all times. In case an incident is beyond the control of a District administration or a number of Districts are affected, the RO of the State will consider the setting up of an Area Command and designate an Area Commander (AC). He may consider the Divisional Commissioner to act as AC or may deploy appropriate/suitable officer irrespective of seniority. The RO may also deploy some supporting staff to assist him.

In case when central teams (NDRF, Armed Forces) are deployed, the RO should ensure resolution of all conflicts. For this purpose he may attach a representative of such agencies in the EOC. Though the teams so deployed will work in OS in the form of Strike Teams, Task Forces or Single Resource under the supervision of OSC all conflicts can easily be resolved at the highest level by the RO. IC will also exercise close supervision and resolve all conflicts at his level if required.

Roles and Responsibilities of CS as RO of the State

- i. the CS who is the head of the State administration and also chairperson of SEC and CEO of SDMA, will perform responsibilities laid down under clause 22 (2) and 24 of the DM Act, 2005;
- ii. the Section 22 (h) of the Act provides that the Chairperson of SEC will give directions to any department of the Government of the State or any other authority or body in the State regarding actions to be taken in response to any threatening disaster situation or disaster. Thus He will ensure active participation of all departments at State level;

Apart from the above, the CS will:

- iii. ensure that IRTs at State, District, Sub-Division, Tehsil/Block are formed and IRS is integrated in the State and District DM Plan. This may be achieved by issuing a

- Standing Order to all District Magistrates/DCs, line departments to identify suitable officers for different positions in the IRTs as given in Annexure – XI;
- iv.** issue a Standing Order in advance to different departments and agencies, so that in any emergency, mobilisation of both equipment and personnel happens smoothly;
 - v.** ensure that a reasonable amount of imprest fund is sanctioned clearly delineating the procedure for emergency procurement;
 - vi.** ensure funds for capacity building of administrative machinery in DM is spent appropriately.
 - vii.** ensure that IRS is incorporated in the training syllabus of ATIs and other training institutions of the State. There should be proper faculty in the ATI for such purpose.
 - viii.** ensure effective communication and Web based / online Decision Support System (DSS) is in place in the EOC and connected with District, Sub-Division, Tehsil/Block level IRTs for support;
 - ix.** ensure that toll free emergency numbers existing in the State for Police, Fire and Medical support etc. will be linked to the EOC for response, command and control. For e.g., if there is any fire incident, the information should not only reach the fire station but also to the EOC and the nearest hospital to gear up to attend to any casualties and to the emergency medical service for the mobilisation of ambulance service to reach the spot;
 - x.** activate IRTs at State headquarters when the need arises and issue order for their demobilisation on completion of response;
 - xi.** set overall objectives and incident related priorities;
 - xii.** identify, mobilise and allocate critical resources according to established priorities;
 - xiii.** ensure that local Armed Forces Commanders are involved in the Planning Process and their resources are appropriately dovetailed, if required;
 - xiv.** ensure that when NDRF, Armed Forces arrive in support for disaster response, their logistic requirements like, camping ground, potable water, electricity and requirement of vehicles etc. are taken care of;
 - xv.** coordinate with the Central Government for mobilisation of Armed Forces, Air support etc. as and when required;
 - xvi.** identify suitable NO to coordinate Air Operations and ensure that all District ROs are aware of it;
 - xvii.** ensure that incident management objectives do not conflict with each other;
 - xviii.** consider the need for the establishment of AC, if required;
 - xix.** establish Unified Command (UC) if required and get the approval of Chief Minister (CM);

- xx.** ensure that telephone directory of all ESF is prepared and available with EOC and IRTs;
- xxi.** ensure use of Global Positioning System (GPS) technology in the vehicles (Police, Fire, Ambulance etc.) to get connectivity for their effective utilisation;
- xxii.** keep the chairperson of SDMA informed of the progress of incident response;
- xxiii.** ensure overall coordination of response, relief and other activities;
- xxiv.** ensure that the Non-Governmental Organisations (NGOs) carry out their activities in an equitable and non-discriminatory manner;
- xxv.** conduct post response review on performance of IRTs and take appropriate steps to improve performance; and
- xxvi.** take such other necessary action as the situation demands.

Coordination of Response at the District Level

The District Magistrate/DC is the head of the District administrative set up and chairperson of the DDMA as per the DM Act, 2005. He has been designated as the RO in the District.

The heads of different departments in the District will have separate roles to play depending on the nature and kind of disaster. The roles and responsibilities of the members of the DDMA will be decided in advance in consultation with the concerned members. The roles of other line departments also have to be clearly delineated in various disaster situations in the District DM Plan which will be duly approved by the State Government, so that there will be no ambiguity about their functions during response.

The District Magistrate / DC / RO will issue a Standing Order for formation of IRT at District headquarters / Sub-Division and Tehsil / Block levels. He will ensure that appropriate and experienced officers are selected for IRTs.

The selection of the OSC will however depend on the nature of the disaster. In case of flood and earthquakes reaching the affected area, rescuing the affected people and providing relief to them is the main task of the responders. People have to leave their home in a hurry and they are not able to take away their valuables. These abandoned houses become vulnerable. The relief materials while being transported also become prone to loot. In such cases, Police and the Armed Forces are the best suited to handle and lead the operations. In case of fire at District level, it will be the District Fire Officer who will be appropriate officer to handle the situation. In case of health related disaster, it would be the District Chief Medical Officer and so on. There could even be such situations when the District officials may have no expertise in operation alising the response like CBRN disasters. For such disaster situations the OSC should be identified in advance, so that he could be easily mobilised to lead the OS as Section Chief. NDMA has already issued detailed guidelines on management of such response vide National

Disaster Management Guidelines on the management of Nuclear and Radiological emergencies which should be followed. Other Section Chiefs will be selected according to the suitability and capability of the officer. In case of Sub-Division, Tehsil or Block, the respective heads, i.e. SDO, Tehsildar, BDO will function as the IC in their respective IRTs and the OSC will be selected as per nature of the disaster. The list officers at state & district levels have been given in Annexure – XIV & XV. During the pre-disaster period, the RO will ensure capacity building of all IRT members in their respective roles and responsibilities as discussed in the subsequent chapters.

The complete IRS organisational structure at District level is depicted in Fig. 5. The structure depicted above may be activated as and when required. For monitoring and support of the incident response, the RO will involve all required ESF and headquarter IRT to support the on scene IC. In case when central teams (NDRF, Armed Forces) are deployed, the RO will ensure resolution of all conflicts. For this purpose he may attach a representative of such agencies in the EOC where all conflicts can easily be resolved at the highest level. The teams so deployed will have to work in OS in the form of Single Resource, Strike Teams or Task Forces under the supervision of OSC. The IC will also exercise close supervision for resolution of all conflicts, if required.

The IC will work in close coordination with EOC and report to RO. The RO will ensure that the strategic goals are achieved through the implementation of the IAP by the IRTs working in the field.

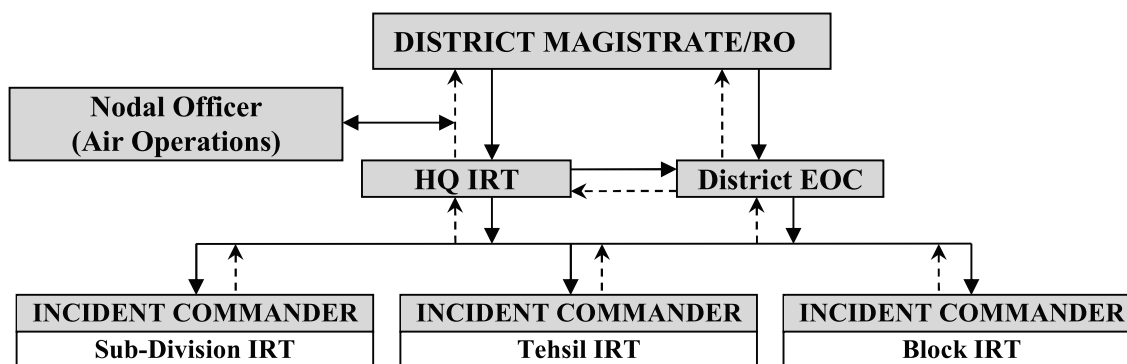


Fig. 5 IRTs at District Level

Roles and Responsibilities of District Magistrate as RO

The District Magistrate / RO will:

- i. ensure that IRTs are formed at District, Sub-Division, Tehsil/Block levels and IRS is integrated in the District DM Plan as per Section 31 of the DM Act, 2005. This may BDOs;
- ii. ensure web based / on line Decision Support System (DSS) is in place in EOC and connected with Sub-Division and Tehsil / Block level IRTs for support;
- iii. ensure that toll free emergency numbers existing for Police, Fire and Medical support etc. are linked to the EOC for response, command and control. For e.g., if

- there is any fire incident, the information should not only reach the fire station but also the EOC and the nearest hospital to gear up the emergency medical service;
- iv.** obtain funds from State Government as recommended by the Finance Commission and ensure that a training calendar for IRTs of District is prepared and members of IRTs are trained through ATIs and other training institutions of the District;
 - v.** delegate authorities to the IC;
 - vi.** activate IRTs at District headquarter, Sub-Division, Tehsil/Block levels, as and when required;
 - vii.** appoint / deploy, terminate and demobilise IC and IRT(s) as and when required;
 - viii.** decide overall incident objectives, priorities and ensure that various objectives do not conflict with each other;
 - ix.** ensure that IAP is prepared by the IC and implemented;.
 - x.** remain fully briefed on the IAP and its implementation ;
 - xi.** coordinate all response activities;
 - xii.** give directions for the release and use of resources available with any department of the Government, Local Authority, private sector etc. in the District;
 - xiii.** ensure that local Armed Forces Commanders are involved in the planning process and their resources are appropriately dovetailed, if required;
 - xiv.** ensure that when Armed Forces arrive in support for disaster response, their logistic requirements like camping grounds, potable water, electricity and requirement of vehicles etc. are sorted out;
 - xv.** appoint a NO at the District level to organise Air Operations in coordination with the State and Central Government NO. Also ensure that all ICs of IRTs of the District are aware of it;
 - xvi.** ensure that the NGOs carry out their activities in an equitable and non-discriminatory manner;
 - xvii.** deploy the District Headquarter IRTs at the incident site, in case of need;
 - xviii.** ensure that effective communications are in place;
 - xix.** ensure that telephone directory of all ESF is prepared and available with EOC and members of IRTs;
 - xx.** ensure provision for accountability of personnel and a safe operating environment;
 - xxi.** in case the situation deteriorates, the RO may assume the role of the IC and may seek support from the State level RO;
 - xxii.** mobilise experts and consultants in the relevant fields to advise and assist as he may deem necessary;

- xxiii. procure exclusive or preferential use of amenities from any authority or person;
- xxiv. conduct post response review on performance of IRTs and take appropriate steps to improve performance; and
- xxv. take other necessary action as the situation demands.

Area Command

Area Command is activated when span of control becomes very large either because of geographical reasons or because of large number of incidents occurring at different places at the same time. Area Command may also be activated when a number of administrative jurisdictions are affected. It provides closer supervision, support to the IRTs and resolution of conflicts locally. When a number of Districts get affected, involving more than one Revenue Division, the concept of Area Command may be introduced Revenue Division wise by the State RO. In such cases the District Magistrate (RO) of the District will function as the IC. Similarly the District RO may introduce it Sub-Division wise when a large number of Tehsils / Blocks indifferent Sub-Divisions get affected. The RO will ensure adequate supporting staff for the AC. The roles and responsibilities of AC are as follows.

The AC will:

- i. ensure that i. incident management objectives are met and do not conflict with each other;
- ii. allocate critical resources according to identified priorities;
- iii. ensure proper coordination in the management of incidents;
- iv. ensure resolution of all conflicts in his jurisdiction;
- v. ensure effective communications;
- vi. identify critical resource needs and liaise with the EOC for their supply;
- vii. provide for accountability of personnel and ensure a safe operating environment; and
- viii. perform any other tasks as assigned by the RO.

Unified Command (UC)

In an incident involving multiple agencies, there is a critical need for integrating resources (men, materials and machines) into a single operational organisation that is managed and supported by one command structure. This is best established through an integrated, multidisciplinary organisation. In the IRS this critical need is addressed by the UC.

UC is framework headed by the Governor/LG/Administrator/CM and assisted by the CS that allows all agencies with jurisdictional responsibilities for an incident, either geographical or functional, to participate in the management of the incident. This participation is demonstrated by developing and implementing a common set of incident objectives and strategies that all can subscribe to, without losing or abdicating specific agency authority, responsibilities and accountability. The organisations that constitute the UC have the mandate for specific task and functional responsibilities to address the incident requirements.

UC incorporates the following components:

- a. A set of objectives for the entire incident;
- b. A collective approach for developing strategies to achieve incident goals;
- c. Improved information flow and inter-agency coordination;
- d. Familiarity with responsibilities and constraints of other agencies;
- e. Respect for the authority or legal responsibilities of all agencies;
- f. Optimal synergy of all agencies for the smooth implementation of the IAP; and
- g. Elimination of duplication of efforts.

Roles of Local Authorities

The DM Act, 2005 has defined the roles of NACs, Municipalities, Municipal Corporations, Municipal Councils and PRIs under section 41 (1)(2). These bodies will ensure that their officials and employees are trained in DM and resources relating to DM are also maintained in order to be readily available for use in any threatening disaster situation or disaster. These bodies are also required to carry out relief activities in the affected areas in accordance with State and District DM Plans. The SDMAs/DDMAs will lay down the specific roles and responsibilities of these local bodies in the DM Plan and suitably integrate them with relevant IRTs.

Community Participation in Disaster Response

A number of community based organisations like NGOs, Self Help Groups (SHGs), Youth Organisations, Volunteers of NYK, Civil Defence (CD) & Home Guard, etc., and workers of different projects funded by Government of India like National Rural Health Mission (NRHM), Integrated Child Development Services (ICDS), etc., normally volunteer their services in the aftermath of any disaster.

In the IRS structure, these organisations are placed in the OS where the skills and services of the community may be utilised systematically in the form of Single Resource,

Strike Team and Task Force. The ROs of the State and District will ensure that such resources at village, ward or Gram Panchayat levels are organised with the help of leadership of PRIs and other community leaders. Their resources should be identified as per hazard and they should be encouraged and trained to be a part of the IRT.

The details of the Single Resource, Strike Team and Task Force are discussed in Chapters-1 & 5. The Community Based Disaster Management Teams should be appropriately integrated in the State and District level IRTs.

Emergency Operations Centre (EOC)

EOC is an offsite facility which will be functioning from the State/District headquarters and which is actually an augmented control room having communication facilities and space to accommodate the various ESFs. It is a combination of various line departments of Government and other agencies whose services are generally required during incident response. These officials will be able to take decisions on the spot under the guidance of RO and will be able to assist the RO in achieving the incident objectives. RO will also ensure that the line departments do not issue parallel and contradictory instructions to their field level officers.

The EOC will take stock of the emerging situation and assist the RO in mobilising the respective line department's resources, manpower and expertise along with appropriate delegated authorities for the on-scene IRT(s). EOC will keep the RO informed of the changing situation and support extended.

This responsibility can be discharged most effectively only if it has the required information through a fail safe communication facility and an ideal information technology solution with DSS. In addition to the above a web based connectivity will further help in accessing situational awareness, decision support and multi-agency coordination. It will allow all collaborating agencies and departments inside and outside EOC environment to share information, make decisions, activate plans, deploy IRTs, perform and log all necessary response and relief activities and make the EOC effective. It is very important to put the above capabilities in place.

EOC Norms

It will have:

- a. One Sr. Administrative Officer as EOC in-charge having experience in DM with required assistants;

- b. Representation of all concerned line departments with authority to quickly mobilise their resources;
- c. Adequate space with proper infrastructure to accommodate the participating agencies and departments;
- d. Communication facilities with last mile connectivity;
- e. A vehicle mounted with HF, VHF and satellite telephone for deployment in the affected site to provide immediate connectivity with the headquarters and ICP;
- f. A representative of central teams (NDRF, Armed Forces) whenever they are deployed to integrate their resources, expertise and to resolve conflicts that may arise during the response effort;
- g. Provision and plan for dovetailing the NDRF, Armed Forces communication capabilities with the local communication set up. There will be proper plan so that all are able to connect with each other in case of large scale disasters or failure of the local communication systems;
- h. Map depicting affected site, resources deployed, facilities established like Incident Command Post, Staging Area, Incident Base, Camp, Relief Camp, Helibase, Helipad, etc.
- i. DM plans of all line departments;
- j. DM plans of the State and the District;
 - Directories with contact details of all emergency services and nodal officers;
 - Connectivity with all District headquarters and police stations;
 - Database of NGOs working in different geographical areas;
 - Demographic details of the State and Districts;
- k. Online / Web based DSS with the availability of at least the following components:
 - Standardisation of Command Structure with the details of the earmarked and trained personnel in IRS;
 - Proactive planning facilities;
 - Comprehensive resource management system;
 - Geographic Information System (GIS) for decision support; and
 - Modeling capability for predicting casualties and resources for large scale incidents including CBRN emergencies.
- l. Socio-economic, demographic and land use planning;

- m. Resource inventories of all line departments and connectivity with database of India Disaster Resource Network (IDRN) India Disaster Knowledge Network (IDKN) and Corporate Disaster Resource Network (CDRN); and

Incident Response Team (IRT)

The ROs of the State and Districts will constitute IRTs from among officers at the State and District level respectively. The members of IRTs will be properly trained and sensitised regarding their roles during the pre-disaster phase itself. Selection of different section chiefs will be guided by the nature and type of disaster. The headquarters IRT will provide continuous support to the on-scene IRT(s) and if required join them or take over response on the directions of the RO.

Incident Response System (IRS)- Facilities

For effective response the following facilities may be required to be established depending on the needs of the incidents, the length and time the facilities are needed to be used, the cost to establish it and prevailing weather conditions etc.

Incident Command Post (ICP)

The ICP is the location at which the primary command functions are performed. The IC will be located at the ICP. There will only be one ICP for each incident. This also applies to situations with multi-agencies or multi jurisdictional incidents operating under a single or Unified command.

The ICP can be located with other incident facilities like Incident Base. For the initial location of the ICP, the nature of the incident, whether it is growing or moving and whether the ICP location will be suitable in size and safe for the expected duration of the incident should be taken into consideration. Larger and more complex incidents will require larger ICP.

The ICP may be located at Headquarters of various levels of administration of State (State, District, Sub-Division, Tehsil / Block). In case of total destruction or reasons of non availability of any other space, the ICP may be located in a vehicle, trailer or tent. It should however have adequate lighting, effective communication system and other such facilities so that one can function effectively. In such a situation the other components of IRT may function from a convenient location and the ICP should be in constant and regular touch with them.

General guidelines for Establishing the ICP:

- a) Position away from the general noise and confusion associated with the incident;

- b) Position outside the present and potential hazard zone;
- c) Position within view of the incident, when appropriate;
- d) Have the ability to expand as the incident grows;
- e) Have the ability to provide security and to control access to the ICP as necessary;
- f) Should have distinctive banner or sign to identify location; and
- g) Activation of ICP and its location should be announced via radio or other communications so that all concerned personnel are notified.

Staging Area (SA)

The details of Staging Area are discussed in Chapter-5.

Incident Base

All primary services and support activities for the incident are usually located and performed at the Incident base. The LS will also be preferably located here. Normally base is the location where all uncommitted/out-of-service equipment and personnel to support operations are located.

There will be only one Base established for each incident and normally it will not be relocated. It will be designated by incident name. In locations where major incidents are known to occur frequently, it is advisable to pre-designate possible base locations and plan their layouts in advance.

The management of the Incident Base comes under the LS. If an Incident base is established, a Base Manager will be designated. The Base Manager in a fully activated IRS organization will be in the Facility Unit of the LS.

Camps

Camps are temporary locations within the general incident area which are equipped and staffed to provide rest, food, drinking water and sanitary services to the responders. These are separate facilities which may not be located at the Incident Base. Camps may be in place for several days and they may be moved depending upon incident needs while the Incident Base remains at the same location.

Very large incidents may have one or more Camps located in strategic areas. All IRS functional unit activities performed at the incident Base may also be performed at camps. Each camp will have a Camp Manager assigned. The Camp Managers are

responsible for managing the camp and for providing coordination to all organisational Units operating within the camp.

The Camp manager will report to the Facility Unit in the LS. If the FUL has not been activated he will report to the LSC. After the camp is established, additional personnel and support needs will normally be determined and ordered by the Camp manager. If Logistics Units are established at Camps they will be managed by assistants. Camps will be designated by a geographic name or by a number.

Relief Camp (RC)

All support services to the affected communities are usually provided in the Relief Camps (RCs). They will be established as per demands of the situation. The resources required for the establishment of RC will be provided by the LS and it will be maintained and managed by the Branch or Division of the OS deployed for the purpose. It may be established at the existing buildings like Schools, Community halls, Cyclone Shelters, etc. or tents may also be used for such purposes.

While establishing the RC, priority will be given for cleanliness of the RC. Each RC will have a Camp Manager assigned. After RC is established, additional personnel and support needs will normally be determined and requested for by the RC Manager. The RCs will be designated by a geographic name or by a number.

Helipad

The details of Heli base / Helipad are discussed in Chapter-5.

Symbols for different IRS facilities

In the IRS, different symbols are used for identification of different facilities established for response management. They are as follows.

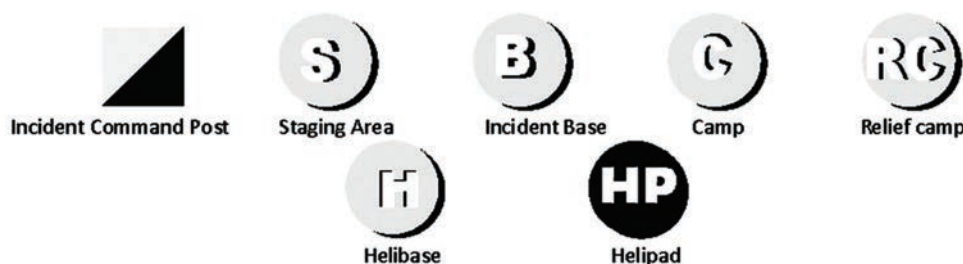


Fig. 6. Symbols used for Identification of different facilities

Triggering Mechanism for Deployment of IRT

Some of the natural hazards have a well established early warning system. States and Districts also have a functional 24 x 7 EOC / Control Room. On receipt of information regarding the impending disaster, the EOC will inform the RO, who in turn will activate the required IRT and mobilise resources. The scale of their deployment will depend on the magnitude of the incident.

At times the information about an incident may be received only on its occurrence without any warning. In such cases the local IRT (District, Sub-Division, Tehsil / Block) as the case may be, will respond and inform the higher authority and if required seek reinforcement and guidance.

The measures decided to be taken for response will be jotted down by the Command Staff and later handed over to PS. It will thus form the initial IAP.

IRS for Chemical, Biological, Radiological and Nuclear (CBRN) Emergency

Response

All nuclear facilities have specialised Crisis Management Groups (CMGs) for on site response under the aegis of Department of Atomic Energy (DAE). For the offsite incident response at those locations, the RO / District Magistrate / DC will act as the IC and ensure that the stake holders and communities are properly sensitised in advance through regular mock exercises. Support from local experts for such purpose may be obtained wherever available. The State Government should train and equip its own SDRF for this purpose. The help of NDRF may be taken for immediate response and for training the SDRF. The location of NDRF equipped and trained to handle CBRN emergencies has been given at relevant chapter.

For locations in other high risk towns where nuclear facilities do not exist, the IRTs need to be formed in advance and suitably trained to identify and manage such emergencies. CBRN emergencies require a specialised response. A brief description of the requirement is being given in the subsequent paragraph for general awareness.

For Radiological Emergencies in Metropolitan and larger cities having population of 20 lakhs and above with high vulnerability, the State RO will identify a Nodal Officer

for Radiological Emergency to act as an IC. He should have designated experts to assist him in the discharge of his duties. Specially trained and equipped task forces will be earmarked which would be readily available with decontamination facilities. A concept of UC for this purpose is best suited to meet such contingencies. Regular Table Top, Mock Exercises and Simulation Exercises should be planned and conducted. The details of response actions to be taken by the IC in such emergencies have been given in the NDMA Guidelines on the Nuclear and Radiological emergencies. For convenience some of the actions which should be initiated are enclosed in Annexure – XII. The RO will ensure that such teams are in place in high risk towns.

Incident Commander (IC) and Command Staff

The IC is the overall in-charge for the management of onsite response to any incident. He is appointed by the RO. He may have a deputy with him depending upon the magnitude and nature of the incident. For his assistance and management of the incident there are two sets of staff: a) Command Staff and b) General Staff. The command staff comprises IC, Information & Media Officer (IMO), Safety Officer (SO), and the Liaison Officer (LO). Fig. 7.gives the composition of Command staff in the IRS organisation. The details of the general staff is discussed in Part-IV.

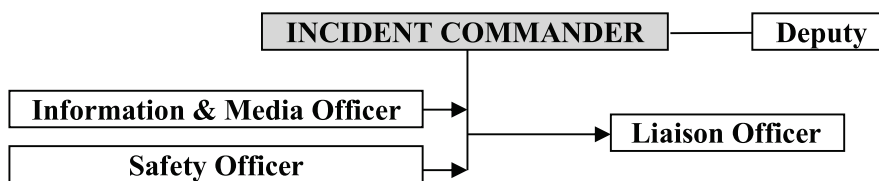


Fig. 7. Composition of Command Staff

Roles and Responsibilities of IC

The IC will:

- i. obtain information on:
 - a) situation status like number of people and the area affected etc.;
 - b) availability and procurement of resources;
 - c) requirement of facilities like ICP, Staging Area, Incident Base, Camp, Relief Camp, etc.;
 - d) availability and requirements of Communication system;
 - e) future weather behavior from IMD; and
 - f) any other information required for response from all available sources and analyse the situation.
- i. determine incident objectives and strategies based on the available information and resources;
- ii. establish immediate priorities, including search & rescue and relief distribution strategies;

- iii. assess requirements for maintenance of law and order, traffic etc. if any at the incident site, and make arrangements with help of the local police;
- iv. brief higher authorities about the situation as per incident briefing form - 001 enclosed in Annexure-I and request for additional resources, if required;
- v. extend support for implementation of AC and UC if considered necessary by the RO;
- vi. establish appropriate IRS organisation with Sections, Branches, Divisions and/or Units based on the span of control and scale of the incident;
- vii. establish ICP at a suitable place. There will be one ICP even if the incident is multijurisdictional. Even a mobile van with complete communication equipment and appropriate personnel may be used as ICP. In case of total destruction of buildings, tents, or temporary shelters may be used. If appropriate or enough space is not available, other Sections can function from a different convenient location. But there should be proper and fail safe contact with the ICP in order to provide quick assistance;
- viii. ensure that the IAP is prepared;
- ix. ensure that team members are briefed on performance of various activities as per IAP;
- x. approve and authorise the implementation of an IAP and ensure that IAP is regularly developed and updated as per debriefing of IRT members. It will be reviewed every 24 hours and circulated to all concerned;
- xi. ensure that planning meetings are held at regular intervals. The meetings will draw out an implementation strategy and IAP for effective incident response. The decision to hold this meeting is solely the responsibility of the IC. Apart from other members, ensure that PSC attend all briefing and debriefing meetings;
- xii. ensure that all Sections or Units are working as per IAP;
- xiii. ensure that adequate safety measures for responders and affected communities are in place;
- xiv. ensure proper coordination between all Sections of the IRT, agencies working in the response activities and make sure that all conflicts are resolved;
- xv. ensure that computerised and web based IT solutions are used for planning, resource mobilisation and deployment of trained IRT members;

- xvi. consider requirement of resources, equipment which are not available in the functional jurisdiction, discuss with PSC and LSC and inform RO regarding their procurement;
- xvii. approve and ensure that the required additional resources are procured and issued to the concerned Sections, Branches and Units etc. and are properly utilised. On completion of assigned work, the resources will be returned immediately for utilisation elsewhere or to the department concerned;
- xviii. if required, establish contact with PRIs, ULBs, CBOs, NGOs etc. and seek their cooperation in achieving the objectives of IAP and enlist their support to act as local guides in assisting the external rescue and relief teams;
- xix. approve the deployment of volunteers and such other personnel and ensure that they follow the chain of command;
- xx. authorise release of information to the media;
- xxi. ensure that the record of resources mobilised from outside is maintained so that prompt payment can be made for hired resources;
- xxii. ensure that Incident Status Summary (ISS) is completed and forwarded to the RO (IRSform-002 is enclosed at Annexure-II);
- xxiii. recommend demobilisation of the IRT, when appropriate;
- xxiv. review public complaints and recommend suitable grievance redressal measures to the RO;
- xxv. ensure that the NGOs and other social organisations deployed in the affected sites are working properly and in an equitable manner;
- xxvi. ensure preparation of After Action Report (AAR) prior to the demobilisation of the IRT on completion of the incident response.
- xxvii. perform any other duties that may be required for the management of the incident;
- xxviii. ensure that the record of various activities performed (IRS Form-004 enclosed in Annexure-IV) by members of Branches, Divisions, Units/Groups are collected and maintained in the Unit Log (IRS Form-003) enclosed at Annexure-III; and
- xxix. perform such other duties as assigned by RO.

Roles and Responsibilities of Information and Media Officer (IMO)

The IMO will:

- i. prepare and release information about the incident to the media agencies and others with the approval of IC;

- ii. jot down decisions taken and directions issued in case of sudden disasters when the IRT has not been fully activated and hand it over to the PS on its activation for incorporation in the IAP;
- iii. ask for additional personnel support depending on the scale of incident and workload;
- iv. monitor and review various media reports regarding the incident that may be useful for incident planning;
- v. organise IAP meetings as directed by the IC or when required;
- vi. coordinate with IMD to collect weather information and disseminate it to all concerned;
- vii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV); and
- viii. perform such other duties as assigned by IC.

Roles and Responsibilities of Liaison Officer (LO)

The LO is the focal point of contact for various line departments, representatives of NGOs, PRIs and ULBs etc. participating in the response. The LO is the point of contact to assist the first responders, cooperating agencies and line departments. LO may be designated depending on the number of agencies involved and the spread of affected area.

The LO will:

- i. maintain a list of concerned line departments, agencies (CBOs, NGOs, etc.) and their representatives at various locations;
- ii. carry out liaison with all concerned agencies including NDRF and Armed Forces and line departments of Government;
- iii. monitor Operations to identify current or potential inter-agency problems;
- iv. participate in planning meetings and provide information on response by participating agencies;
- v. ask for personnel support if required;
- vi. keep the IC informed about arrivals of all the Government and Non Government agencies and their resources;
- vii. help in organising briefing sessions of all Governmental and Non Governmental agencies with the IC;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV); and

- ix. perform such other duties as assigned by IC.

Roles and Responsibilities of Safety Officer (SO)

The SO's function is to develop and recommend measures for ensuring safety of personnel, and to assess and/or anticipate hazardous and unsafe situations. The SO is authorised to stop or prevent unsafe acts. SO may also give general advice on safety of affected communities.

The SO will:

- i. recommend measures for assuring safety of responders and to assess or anticipate hazardous and unsafe situations and review it regularly;
- ii. ask for assistants and assign responsibilities as required;
- iii. participate in planning meetings for preparation of IAP;
- iv. review the IAP for safety implications;
- v. obtain details of accidents that have occurred within the incident area if required or as directed by IC and inform the appropriate authorities;
- vi. review and approve the Site Safety Plan, as and when required;
- vii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV); and
- viii. perform such other duties as assigned by IC.

General Staff

The General Staff consists of the OS, PS and LS, each having a specific function in the overall response.

Operations Section (OS)

The OS deals with all types of field level tactical operations directly applicable to the management of an incident. This section is headed by an Operation Section Chief (OSC). In addition, a deputy may be appointed to assist the OSC for discharging his functions depending on the magnitude of the work load. OS is further sub-divided into Branches, Divisions and Groups which assist the OSC / IC in the execution of the field operations. The details of OSC are discussed in Chapter-5.

Planning Section (PS)

The PS deals with all matters relating to the planning of the incident response. It is headed by the Planning Section Chief (PSC). This section helps the IC in determining the objectives and strategies for the response. It works out the requirements for resources, their allocation and subsequent utilisation. It maintains up-to-date information about the ongoing response and prepares IAP. For the closing phase of the Operations, this Section also prepares the Incident Demobilisation Plan (IDP). The detail of PS is discussed in Chapter-6.

Logistics Section (LS)

The LS deals with matters relating to procurement of resources and establishment of facilities for the incident response. It also deals with all financial matters, concerning an incident. This section is headed by the Logistic Section Chief (LSC) and is an important component of the IRS organisation for providing back end services and other important logistic support like communications, food, medical supplies, shelter and other facilities to the affected communities and responders as well. There is a Finance Branch (FB) attached to this Section in order to ensure that the procurements, if any, may be

done quickly and in accordance with the financial rules. The details of LS is discussed in Chapter-7.

The establishment and functions of all Sections are essential and vital for efficient response management. However, for management of smaller incidents, all the Sections need not be activated.

Fig. 8. shows the composition of General Staff. Details of each section of General Staff have been provided in the subsequent chapters.

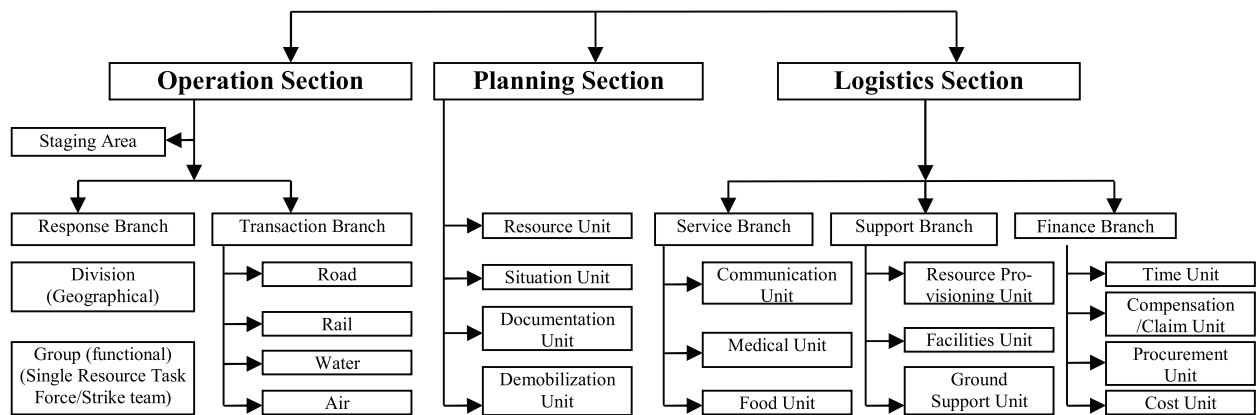


Fig. 8. Composition of General Staff

Operations Section (OS)

The OS comprises Response Branch (RB), Transportation Branch (TB) and Staging Area (SA) and is headed by the OSC. The activation of the RB and TB is situational.

The RB consists of various Divisions and Groups depending upon the functional and geographical requirements of the incident response. The Groups are classified by their functional characteristics, such as Single Resource, Strike Teams and/or Task Force. The TB may consist of Road Operations Group, Rail Operations Group, Water Operations Group and Air Operations Group. These Groups are also activated according to the transportation modes that may be required in the incident response.

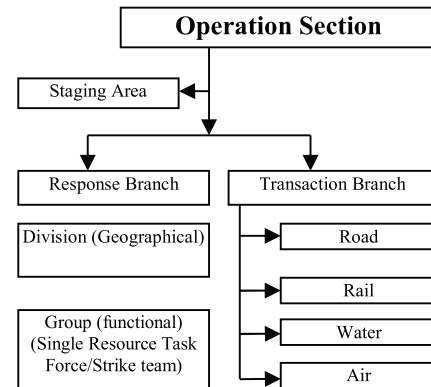


Fig. 9. Composition of Operation Section

SA is the area where resources mobilised are collected and accounted for. It is from this location that the resources are deployed for specific assignments or tasks. The composition of OS is shown in Fig. 9.

RB is activated according to the nature of response required. For example in case of earthquake and flood where a lot of houses get damaged or destroyed and people need to be rescued and provided relief and temporary shelter. The rescue and relief group of the Response Branch will be activated to provide these services.

The TB will manage the transportation of the affected people and the movement of relief materials. Groups within the TB like Road group or Water group will be activated as required for managing and providing the Road or Water transport. Since Air Operations in disaster response involves coordination between the Central Government, Ministry of Civil Aviation, Air Force, State and the Districts concerned and also require technical inputs, procedures for activation is dealt in detail separately in this part.

Selection of the OSC depends on the nature of operations required. Rescuing people and taking them to shelter in case of earthquake or floods can best be handled by the police/Armed Forces and thus in such cases it should ideally be headed by them. However in cases of such disaster like bird flu epidemic, the main requirement will be providing medical treatment to the victims, vaccinating and culling of birds. In such cases the OS shall have to be headed by Doctors for treatment of victims and supported

by Animal husbandry department and Municipal institutions for vaccinating and culling of birds.

In disaster response a large number of duties and activities need to be performed. To meet the various duty requirements, the IRS provides for Single Resource, Task Force and Strike Teams. The details of the Single Resource, Task Force and Strike Teams and their illustrative roles have been discussed at Annexure – XIII.

As the operational activity increase because of the largeness and magnitude of the disaster, the OSC who is responsible for directing all tactical actions to meet the incident objectives will have to deploy more and more functional teams. It has been generally accepted that an ideal span of control is 1:5 that is one leader or supervisor can effectively manage five groups. In order to maintain close supervision, the IRS provides for the formation of Branches, Divisions and Groups.

Operations Section Chief (OSC)

On activation of the OS, the OSC will assume command of all the field operations and will be fully responsible for directing all tactical actions to meet the incident objectives.

The OSC will report to the IC. He will be responsible for activation, deployment and expansion of his Section as per IAP. As the operational activities increase and because of geographical reasons, the OSC will introduce or activate and expand the Branch into Divisions for proper span of control and effective supervision.

Roles and Responsibilities of OSC

The OSC will:

- i. coordinate with the activated Section Chiefs;
- ii. manage all field operations for the accomplishment of the incident objectives;
- iii. ensure the overall safety of personnel involved in the OS and the affected communities;
- iv. deploy, activate, expand and supervise organisational elements (Branch, Division, Group, etc,) in his Section in consultation with IC and in accordance with the IAP;
- v. assign appropriate personnel, keeping their capabilities for the task in mind and maintain On Duty Officers list (IRS Form-007) for the day as enclosed in Annexure-VII;
- vi. request IC for providing a Deputy OSC for assistance, if required;
- vii. brief the personnel in OS at the beginning of each operational period;
- viii. ensure resolution of all conflicts, information sharing, coordination and cooperation between the various Branches of his Section;

- ix. prepare Section Operational Plan in accordance with the IAP; if required;
- x. suggest expedient changes in the IAP to the IC;
- xi. consult the IC from time-to-time and keep him fully briefed;
- xii. determine the need for additional resources and place demands accordingly and ensure their arrival;
- xiii. ensure record of various activities performed (IRS Form-004 enclosed in Annexure-IV) by members of Branches, Divisions, Units/Groups are collected and maintained in the Unit Log IRS Form-003 (enclosed in Annexure-III); and
- xiv. perform such other duties as assigned by RO / IC.

Roles and Responsibilities of the Staging Area Manager (SAM)

The SA is an area where resources are collected and kept ready for deployment for field operations. These may include things like food, vehicles and other materials and equipment. The SA will be established at a suitable area near the affected site for immediate, effective and quick deployment of resources.

More than one SA may be established if required. If resources are mobilised at other locations to be ultimately dispatched to the affected areas, these locations are also known as SAs. The overall in-charge of the SA is known as Staging Area Manager (SAM) and he needs to work in close liaison with both the LS and PS through the OSC.

School and college playgrounds, community halls, cyclone shelters and Panchayat Offices, stadia etc. may be used as SA. In case of total destruction of buildings in an incident, tents or temporary shelters may be used for such purposes.

For Air Operations, open space of Airport Authority of India (AAI) may be used for loading and unloading of relief materials. If area of AAI is not available, other suitable places near Helipads, Helibases etc. will have to be selected for such purpose.

For parking of vehicles, playgrounds of the schools or any large plain areas may be used. Such parking area will preferably have separate entry and exit points. The SAM will arrange for separate entry and exit points to avoid and reduce traffic jam in an emergency.

The SAM will:

- i. establish the SA with proper layout, maintain it in an orderly condition and ensure that there is no obstruction to the incoming and outgoing vehicles, resources etc;
- ii. organise storage and despatch of resources received and despatch it as per IAP;
- iii. report all receipts and despatches to OSC and maintain their records;
- iv. manage all activities of the SA;
- v. utilise all perishable supplies expeditiously;
- vi. establish check-in function as appropriate;
- vii. request maintenance and repair of equipment at SA, as needed;

- viii. ensure that communications are established with the ICP and other required locations e.g. different SAs, Incident Base, Camp, Relief Camp etc;
- ix. maintain and provide resource status to PS and LS;
- x. demobilise SA in accordance with the Demobilisation Plan IRS Form-010 as enclosed in Annexure-X;
- xi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sections concerned; and
- xii. perform any other duties as assigned by OSC.

Response Branch

Roles and Responsibilities of Response Branch Director (RBD)

Response Branch is the main responder in the field dealing with the situation and performing various function. Depending on the scale of disaster, the RBD may have to expand the number of Groups which in turn may require creation of Division. This structure is meant for close supervision by the OSC in the management of a large incident.

The ideal span for supervision is 1:5. i.e. one Branch Director can supervise up to five Divisions, one Division Supervisor can supervise up to five Groups and one Group-in-charge can supervise five teams as shown in Fig. 10. More Branches, Divisions, Groups may be formed as required.

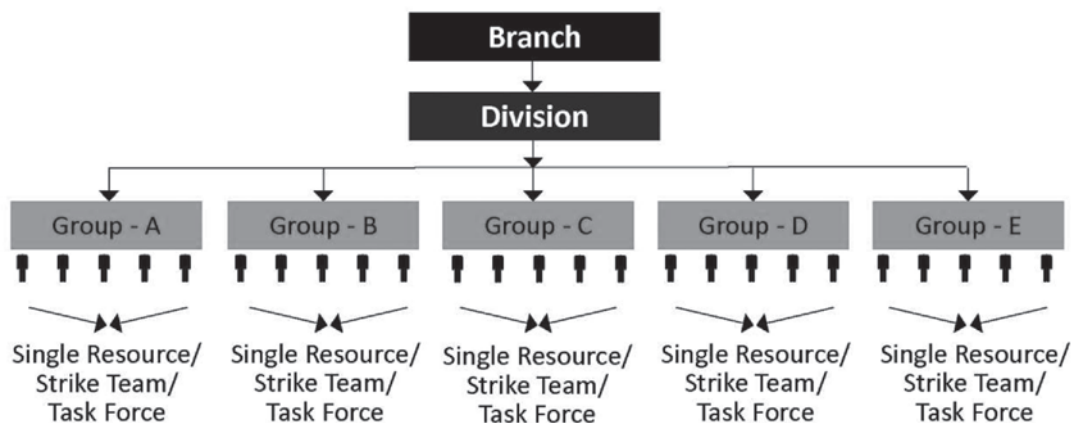


Fig. 10. Expansion of Branch

The RBD will:

- i. work under the supervision of the OSC and is responsible for the implementation of IAP as per the assigned role;
- ii. attend planning meetings as required by the OSC;

- iii. review Assignment Lists IRS Form-005 (enclosed in Annexure -V) for Divisions or Groups under his Branch;
- iv. assign specific tasks to Division and Groups-in-Charge;
- v. supervise Branch functions;
- vi. resolve conflicts reported by subordinates;
- vii. report to OSC regarding modifications required if any in the IAP, need for additional resources, availability of surplus resources and when hazardous situations or significant events occur, etc.
- viii. provide Single Resource, Strike Team and Task Force support to various operational areas;
- ix. ensure that all team leaders maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) relating to their field Operations and send to OSC;
- x. perform any other duties assigned by the OSC;

Roles and Responsibilities of Division Supervisor and Groups-in-charge

As the operational activity increase because of the largeness and magnitude of the disaster, the OSC who is responsible for directing all tactical actions to meet the incident objectives will have to deploy more and more functional teams. There may be such locations which are distant, isolated and difficult to reach. There may also be a situation when simultaneously different types of incidents occur requiring different specialised handling. For example while a lot of building may have collapsed in case of earthquake, gas leaks may also have occurred resulting in fire at a number of places.

The OSC may create a Division for close and proper supervision, when the span of control becomes larger or when some locations are very distant and difficult to reach.

Except for the hierarchical difference, the roles and responsibilities of the Division Supervisors and the Groups-in-charge are the same. Divisions are activated when there are supervisory requirements in an isolated and distant geographical area or for the purpose of a proper span of control when the number of functional Groups increase or for various specialised response. While Groups-in-charge are assigned to accomplish specific functions within the Branch, Divisions are created for effective supervision over a large number of Groups.

Division Supervisors and Group-in-charge will:

- i. implement Division or Group assignment list;
- ii. assign resources within the Division or Group under them;

- iii. report on the progress of Operations, and the status of resources within the Division or Group;
- iv. circulate Organisational Assignment List (Divisional / Group) IRS Form-005 as enclosed in Annexure –V to the leaders of the Group, Strike Team and Task Force;
- v. review assignments and incident activities with subordinates and assign tasks as per the situation;
- vi. coordinate activities with adjacent Divisions or Groups, if required;
- vii. submit situation and resource status to the RBD and the OSC;
- viii. report all hazardous situations, special occurrences or significant events (e.g., accidents, sickness, deteriorating weather conditions, etc.) to the RBD and the OSC;
- ix. resolve problems within the Division or Group;
- x. participate in the development of IAP for next operational period, if required;
- xi. ensure that record of various activities performed (IRS Form-004 enclosed in Annexure- IV) are collected and sent to the RBD and OSC; and
- xii. perform any other duties as assigned by the RBD/OSC.

Single Resource

Single Resource includes both personnel and their required equipment to be deployed in a given incident, e.g. a fire tender with the required personnel, an ambulance with the required medical officer, paramedic and driver etc. For the purpose of a correct and proper requisition and deployment, it is important that the resources should be categorised into 'kind' and 'type'. The ROs of the States and Districts will ensure that the resources are categorized into 'kind' and 'type'.

In IRS, resources are categorized under; a) 'kind' and b) 'type'. 'Kind' refers to equipment, vehicles or personnel for example; truck, medical team, bulldozer, etc. 'Type' refers to its capacity for that kind of resource e.g. truck having 1 ton capacity or 2 tons capacity, medical team having 1 doctor and 3 paramedics etc.

Roles and Responsibilities of Single Resource Leader

The Single Resource Leader will:

- i. take charge of necessary equipment and supplies;
- ii. assess local weather and environmental conditions, law and order situation etc. in the assigned area and report to the in-charge;
- iii. perform the assigned duty;

- iv. keep contact with his supervisor; and
- v. perform any other duties that may be assigned by his supervisor

Strike Team or Task Force

A Strike Team is a combination of same 'kind' and type' of Single Resource with a common communication facility and one leader. A Task Force is a combination of different 'kinds' and 'types' of Single Resources. They are assembled for a particular tactical need, with a common communication facility and one leader. A Strike Team may be needed when specific type of work, requiring specific expertise and resources are grouped under one leader.

A Task Force may be grouped with different 'kinds' and 'types' of Single Resource and despatched under a leader, when a number of different tasks requiring different expertise need to be performed. For example, if a combination of Medical team, Rescue personnel, Fire personnel, Sanitation workers and workers for disposal of dead bodies and animal carcasses is required to be sent to a particular location, the team so constituted will be called a Task Force. The concept of proper span of control should be kept in mind while constituting the Task Force.

The Strike Team or Task Force Leader reports to the Division Supervisor or Group Supervisor and is responsible for performing the tactical assignments assigned to the Strike Team or Task Force. The leader of the Strike Team and Task Force reports on work progress and status of resources, maintains work records on assigned personnel and relays important information to their supervisor. In case the Branch, Division, or Group is not activated, the team leader will directly report to the OSC.

Roles and Responsibilities of Strike Team or Task Force Leader

The Strike Team or Task Force Leader will:

- i. review assignments with members of his team;
- ii. report on work progress;
- iii. coordinate activities with adjacent Single Resource, Strike Teams and Task Forces if assigned;
- iv. establish and ensure communications;
- v. perform any other duties assigned; and
- vi. maintain record of various activities.

Transportation Branch (TB)

The TB in the OS supports the response effort by transporting different resources, relief materials, personnel to the affected site and also transportation of victims if

necessary. Though there is a Ground Support Unit (GSU) in the LS which is responsible for providing all transportation and other related resources, the TB in the OS manages the actual deployment and utilisation of the transport at ground zero according to the needs of the IRT and the IAP. The TB may comprise four operational Groups such as Road, Rail, Water and Air. These Groups may be activated as and when required.

Air Operations is an important transportation activity during disasters which requires coordination at the National, State and District level. For coordination of Air Operations, the RO of the State and District will identify and designate a NO.

Roles and Responsibilities of Transportation Branch Director (TBD)

All functional Groups (Road, Rail, Water and Air) of the TB are managed by the TBD. Since the air transportation is to be coordinated at the State and District levels, the TBD also needs to function in close coordination with RO, IC and NO for Air Operations. He will collect the details of all related flights from the concerned NO and organise the ground support requirement. The TBD will also be responsible for the activation and expansion of various functional Groups as per the IAP.

The TBD will:

- i.** activate and manage different Operations Groups like Road, Rail, Water and Air;
- ii.** coordinate with the LS for required resources, and activate Groups of his Branch;
- iii.** coordinate with railways, road transport, waterways and airport authorities for support as required;
- iv.** enclosed in Annexure – V is circulated among the Group-in-charge(s) and other responders of his Branch;
- v.** provide ground support to the air operations and ensure appropriate security arrangements;
- vi.** provide Road transport support to the Rail and Water Operations Group as required;
- vii.** ensure safety of all personnel of his Branch involved in the Incident Response activities;
- viii.** ensure that all units moving in the area are familiarised with route with the help of road maps or local guides;
- ix.** report to the OSC and IC about progress of the TB;
- x.** prepare transportation plan as per the IAP, if required;
- xi.** determine the need for additional resources, their proper and full use and place demand accordingly in advance;

- xii. resolve problems and conflicts, if any;
- xiii. ensure the maintenance of the status of hired resources, their full utilisation and timely release;
- xiv. ensure that the record of various activities performed (IRS Form-004 enclosed in Annexure-IV) by different operational groups (Road, Rail, Water and Air) are collected and sent to the Section concerned; and
- xv. perform any other duties assigned by the IC or OSC;

Roles and Responsibilities of Group-in-charge (Road Operations)

The Group-in-charge (Road Operations) works under the TBD and is responsible for all road transportation activities. He has a Coordinator (Road Operations) under him for assistance. If the scale of operations increase, the TBD may activate the position of an Assistant Coordinator. The Loading and Unloading-in-charge will work under the Coordinator as shown in Fig. 11.

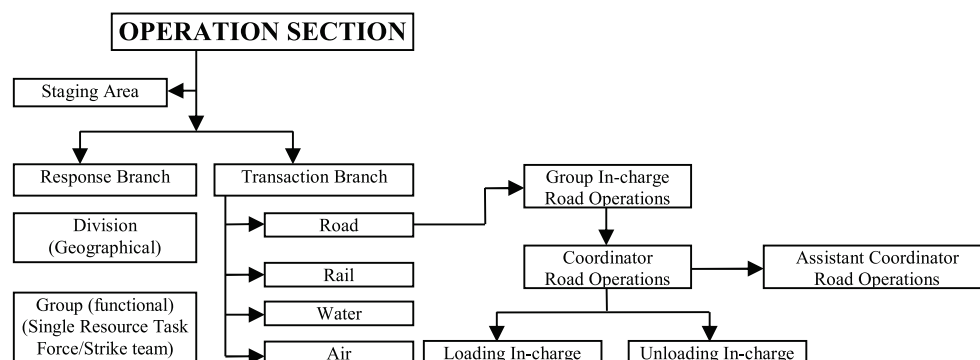


Fig. 11. Composition of Road Operations Group

The Group-in-charge (Road Operations) will:

- i. ensure transportation of resources by Road to the affected sites;
- ii. requisition additional personnel support, if required;
- iii. attend planning meetings on the direction of OSC;
- iv. determine coordination procedures with various destinations as per IAP;
- v. ensure proper parking locations;
- vi. resolve conflicts of the Group, if any;
- vii. update Road Operations plan as required and share them with higher authorities;
- viii. in case of accidents, inform the TBD, the local police and provide assistance in investigation, if required;
- ix. ensure that mechanics are available for repair of vehicles and also ensure adequate availability of Petrol, Oil and Lubricants (POL);

- x. maintain the records of all important activities relating to the number of vehicles deployed, source of vehicles (i.e. Government or private), locations where vehicles are deployed along with resource details they are carrying, etc.;
- xi. support and coordinate the Road Operations part of the Rail, Water and Air Operations as required;
- xii. collect record of various activities performed (IRS Form-004 enclosed in Annexure-IV) from coordinator and other members and send to TBD or OSC; and
- xiii. perform any other duties assigned by the TBD or OSC.

Roles and Responsibilities of Coordinator (Road Operations)

The Coordinator (Road Operations) is primarily responsible for coordinating the Road transport needs. There may be more than one coordinator depending upon the number of vehicles deployed.

The Coordinator (Road Operations) will:

- i. survey the assigned incident area to analyse situation and identify other potential problems in the context of transportation;
- ii. requisition an Assistant Coordinator (Road Operations) depending on the magnitude of the incident and requirement;
- iii. coordinate with SAM for smooth transportation of resources;
- iv. receive assignments, brief drivers regarding the routes, assign missions, supervise vehicle movement and attend to the vehicle maintenance and repair needs;
- v. monitor activities of all assigned vehicles and keep senior officers informed;
- vi. report incidents or accidents that occur in Road Operations to the TBD;
- vii. maintain the records of supplies to different locations;
- viii. keep track of vehicle movements. Provide GPS support, if available;
- ix. request security support for transportation of relief materials if required and alert the police administration in the affected areas along the transportation route;
- x. maintain coordination at loading and unloading points;
- xi. ensure that communication facilities are established at loading stations, SAs and destination points;
- xii. attend to and resolve the needs of the personnel working under him;
- xiii. maintain record of various activities performed (IRS Form-004 enclosed in Annexure- IV) and send to the Group-in-charge or TBD; and
- xiv. perform any other duties assigned by the OSC or TBD.

Roles and Responsibilities of Loading/Unloading-in-Charge (Road, Rail and Water)

The Loading and Unloading-in-charge has a very significant role to play in any disaster response. The roles and responsibilities in Road, Rail and Water Operations are the same where as the roles and responsibilities for the Air Operations is slightly different. Therefore the roles and responsibilities of Loading/Unloading-in-charge are being dealt together for the Rail, Road and Water and separately for the Air Operations. The Loading / Unloading-incharge will work under the Road, Rail and Water Coordinator.

The Loading/Unloading-in-charge (Road, Rail and Water) will:

- i. supervise the safe Operations of Loading/Unloading activities;
- ii. obtain Operations Summary from the Groups-in-charge (Road, Rail and Water transport);
- iii. organise the Loading areas;
- iv. supervise Loading and Unloading crews and collect equipment (ladder, gloves, helmet, etc.) as required;
- v. from time to time inform the coordinator about the progress of Loading/Unloading activities;
- vi. prepare a Loading/Unloading plan with details of their resources and destinations;
- vii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the TBD or Coordinator; and
- viii. perform any other duties assigned by Coordinator or in-charge (Road, Rail and Water).

Roles and Responsibilities of Group-in-charge (Rail Operations)

In most disaster response situations, Rail Transportation is utilised for transporting relief materials and resources from very distant places. It requires coordination with the railway authorities for making available trains and wagons at appropriate places.

Railway stations are located at specific locations, sometimes far away from the affected sites. Loading and Unloading may be required from Rail to Road and Road to Rail. Whenever transportation by Rail is envisaged, a Rail Operations Group needs to be activated and they should have close liaison with the Road Operations Group-in-charge.

The Group-in-charge (Rail) works under the TBD and is responsible for supervision of all Rail Transportation activities. In keeping with the scale of

transportation requirements and management of proper span of control, the TBD may activate position of Assistant Coordinator if required. The Loading/Unloading-in-charge will work under the Coordinator as shown in Fig. 12.

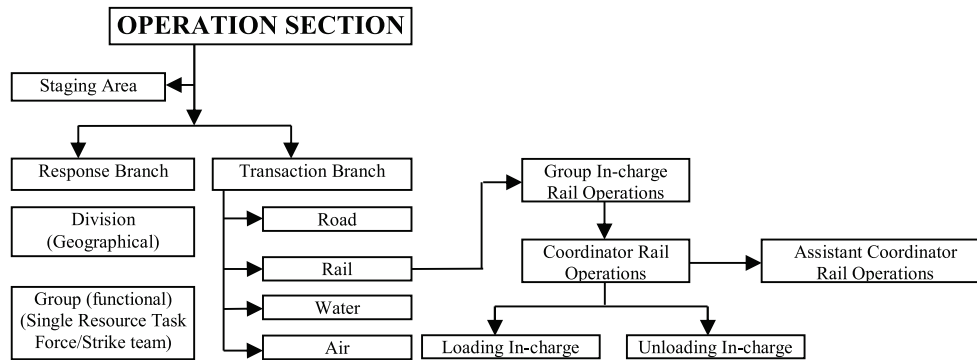


Fig. 12. Composition of Rail Operations Group

The Group-in-charge (Rail Operations) will:

- i.** work under the TBD and coordinate all Rail Operations;
- ii.** organise crew for Loading and Unloading;
- iii.** ensure safe storage and warehousing of the materials;
- iv.** evaluate storage locations, ensure safety and obtain guidance from the TBD, if required;
- v.** coordinate with Road Operations Group for movement of resources;
- vi.** prepare and provide Rail Operations Summary including time of departure and arrival, destinations, resource details, etc as and when required by the senior officers;
- vii.** request for additional personnel support, if required;
- viii.** update the TBD from time to time and seek support, if required;
- ix.** resolve conflicts within his Group, if any;
- x.** update Rail Operations Plan;
- xi.** establish and maintain communications with various storage and warehousing areas, destination points and railway officers;
- xii.** collect record of various activities performed IRS (Form-004 enclosed in Annexure-IV) from Coordinator and other in-charges and send to TBD or OSC; and
- xiii.** perform any other duties assigned by OSC or TBD.

Roles and Responsibilities of Coordinator (Rail Operations)

The Coordinator (Rail Operations) will:

- i. work under the Group-in-charge and provide coordination services for transportation of relief materials by Rail;
- ii. survey assigned stations or points, to analyse the situation and other potential problems;
- iii. ask for additional personnel support, if required;
- iv. receive assignments, and supervise movement of resources;
- v. maintain liaison with Railway authorities regarding train timings etc.;
- vi. report incidents or accidents that may occur in Rail Operations;
- vii. ask for and monitor security arrangements of the resources;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the Group-in-charge or TBD; and
- ix. perform any other duties assigned by Group-in-charge.

Roles and Responsibilities of Loading/Unloading-in-charge (Rail Operations)

The roles and responsibilities of Loading/Unloading-in-charge of Rail Operations are similar to those of the Loading/Unloading-in-charge of Road Operations.

Roles and Responsibilities of Group-in-charge (Water Operations)

In some disasters, especially floods and cyclones, the need for Water Operations may become essential. The deployment of boats / country boats and other water transport maybe necessary both for rescue work and transportation of relief materials. Depending on the scale of the disaster, the TBD may activate a Water Operations Group, consisting of Group-in-charge, Coordinator and Loading/Unloading-in-charge. If required, the Group-in-charge may request for an Assistant Coordinator as shown in Fig. 13.

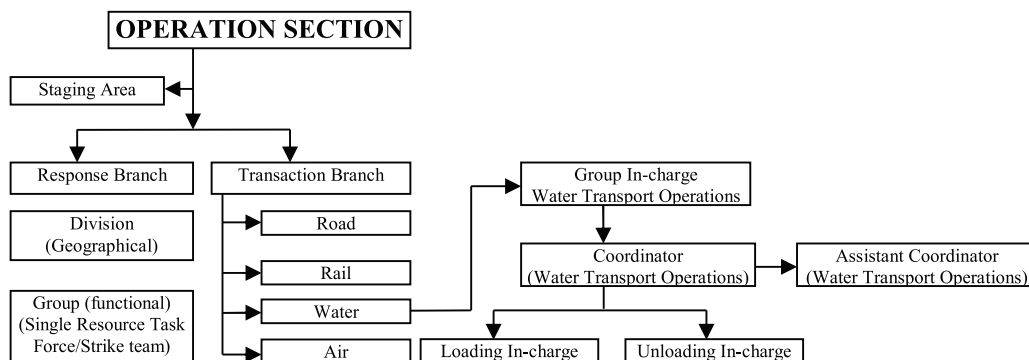


Fig. 13. Composition of Water Operations Group

The Group-in-charge (Water Operations) will:

- i.** ensure transportation of rescue teams and relief materials by motor boats / country boats or by any other water transport to the affected sites with communication facilities and a local guide for guidance with each team;
- ii.** requisition personnel support, if required;
- iii.** determine coordination procedures with various destinations as per IAP;
- iv.** supervise all Water Operations and related activities associated with the incident;
- v.** evaluate and ensure docking or harboring locations;
- vi.** resolve conflicts, if any;
- vii.** update Water Operations plan and share it with the higher authorities, including the LSC;
- viii.** arrange for an accident investigation team as and when required and cooperate with the appropriate investigating authorities;
- ix.** ensure availability of POL and other logistic support for boat operations;
- x.** attend to the needs of the personnel working with him.
- xi.** collect record of various activities performed (IRS Form-004 enclosed in Annexure-IV) from Coordinator and other in-charges and send to TBD or OSC; and
- xii.** perform such other duties as assigned by TBD or OSC.

Roles and Responsibilities of Coordinator (Water Operations)

The Coordinator (Water Operations) will:

- i.** coordinate all activities relating to transportation of resources by motor boats / country boats etc. Activation of this position is contingent upon the complexity of the incident. There may be more than one Coordinator (Water) assigned to an incident with Loading and Unloading-in-charge;
- ii.** survey assigned incident areas to analyse the situation and other potential problems;
- iii.** coordinate with SAM for smooth transportation of relief materials, if required;
- iv.** receive assignments and supervise Water transport movement activities;
- v.** monitor all Water Operations for their safety;
- vi.** ensure proper communications with Water transport personnel deployed in search and rescue as well as relief operations;
- vii.** keep the records of supplies to different locations, Water transport movements etc;

- viii. report incidents or accidents that may occur in Water Operations to the TBD and other designated authorities;
- ix. assess requirements of POL etc. for Water Operations and ensure their availability;
- x. maintain liaison with Coordinator (Road Operations) as most relief supplies will arrive by road;
- xi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the Group-in-charge or TBD; and
- xii. perform any other duties assigned by the OSC or TBD.

Roles and Responsibilities of the Loading and Unloading-in-charge (Water Operations)

The roles and responsibilities of Loading and Unloading-in-charge for Water Operations will be similar to those of their counterparts in the Road Operations Group.

Air Operations

For disaster response in India air operations may be needed for four tasks: (a) quick transportation of relief materials and resources to the affected area, (b) quick distribution of relief materials, food, medicine etc (Air dropping) in inaccessible and affected areas, (c) search and rescue of victims trapped in inaccessible areas, and (d) evacuation of casualties.

Normally, the Indian Air Force will be tasked for Air support Operations. At times, Indian Airlines, Pawan Hans and other private Airlines may also be utilised for transportation purposes. Different types of Aircrafts may need to be utilised for different mission requirements e.g. transport Aircraft or helicopter etc. from any of the agencies discussed above.

Close coordination at the National Level is essential for the launch of any Air Operations. It needs a close liaison among the NDMA, NEC, Air Force, Ministry of Civil Aviation, State RO and the ROs of the Districts where the Air Operations is to be performed. It is there for every essential that a NO should be identified and designated in advance at all these levels for coordination and activation of the Air Support. The stakeholders should be aware of the designated NO for Air Operations.

In the context of the IRS, a ground support element will have to be placed at all required landing and takeoff facilities in the affected areas. The ground support requirements including Aviation Turbine Fuel (ATF), security etc. for the Air Operations

will be the responsibility of the TBD. On taking the decision to launch Air Operations, the TBD will activate the Air Operations Group under him. The Group will be headed by a supervisor and necessary organisational elements will have to be activated at all required landing and takeoff locations headed by an in-charge at airbases, helibases and helipads.

The composition of the Air Operations (Fig. 14.) will be: NOs who will be designated by the State and District level ROs at their respective level, Group-in-charge, who will work directly under the TBD for coordination of logistic support at Airbase, Helibase and Helipad.

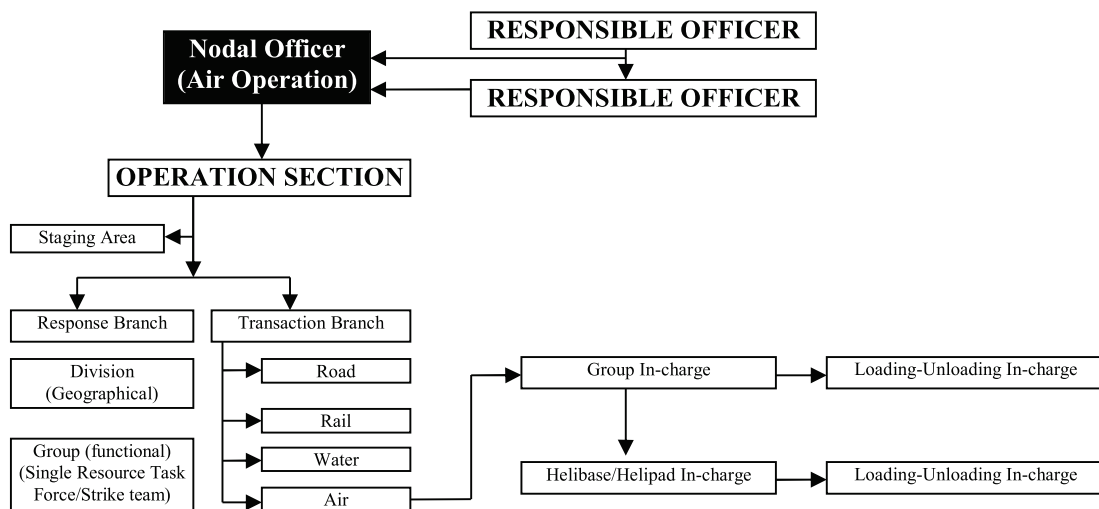


Fig. 14. Composition of Air Operations Group

Roles and Responsibilities of Nodal Officer (NO)

The Nodal Officer (Air Operations) will:

- i.** coordinate with concerned authorities for air operations;
- ii.** project the type of Air support required to the appropriate authorities based on the IAP and place the demand at least 24 hours in advance or as early as possible;
- iii.** inform the IC and OSC about the Air movements and landing schedules in their respective areas;
- iv.** ensure that relevant Maps of the incident locations are available with all agencies involved in the Air Operations to give the correct coordinates etc. of the locations where Air support is required;
- v.** determine the suitability of Helipads or Helibases in coordination with the Air force authorities and the State authorities;
- vi.** maintain communication with Air Traffic Control and the ground support staff regarding the Air movements and other related activities;

- vii. assist the IC and the LSC in the procurement of required ATF etc.;
- viii. report on Air Operations activities to the RO; and
- ix. perform any other duties assigned by the RO and IC.

Roles and Responsibilities of Group-in-charge (Air Operations)

The Group-in-charge (Air Operations) will:

- i. provide ground support to Air Operations as per the IAP;
- ii. report to TBD the progress of Air Operations and work in close coordination with the NO, IC, OSC and TBD;
- iii. ensure resources and supplies required for the Air Operations are available at the concerned locations;
- iv. keep appropriate Maps in order to provide correct coordinates to the pilots and others involved in the Air Operations;
- v. requisition additional personnel support, if required;
- vi. ensure refueling facilities are available at the landing and takeoff locations;
- vii. ensure that Helibase and Helipad locations are identified and approved by the appropriate authorities;
- viii. determine the need for assignment of personnel and equipment at each Helibase and Helipad;
- ix. ensure identification and marking of Helibases and Helipads;
- x. ensure that the communication systems are in place;
- xi. update landing and takeoff schedule of Aircrafts and Helicopters as informed by NO;
- xii. ensure preparation of the load manifest for proper loading or unloading of relief supplies;
- xiii. arrange for unloading and despatch or storage of relief materials that arrive at the airports, helipads and helibase. In order to keep airports operational, special attention needs to be paid to unsolicited relief supplies that may arrive. They should be immediately cleared from the operational area;
- xiv. ensure that proper packaging and weighing facilities are in place and used for loading of relief materials;
- xv. liaise with the road operations group for the road transportation needs;
- xvi. ensure the functionality of Aircraft rescue and firefighting service at Helibases and Helipads, security, proper lights, smoke candles/devices, weighing facilities, wind direction socks, etc. are in place;

- xvii.** collect record of various activities performed (IRS Form-004 enclosed in Annexure-IV) from Helibase and Helipad-in-charge and send to TBD or OSC or IC; and
- xviii.** perform any other duties assigned by the TBD.

Roles and Responsibilities of Helibase / Helipad-in-Charge

A Helibase is the main location for parking, fueling and carrying out the maintenance of the Helicopters. It may also be used for loading and unloading of relief materials. Helipads are temporary locations in the incident area where Helicopters can safely land and take off. The Helibase is often located at the Airport or at another location decided by the District administration in consultation and approval by the agency operating the Helicopter. When more than one Helibase is established it will be designated by name of the incident with number. Helipads are established and used for operational purpose only like loading unloading of personnel and equipment and other relief materials etc. The Helibase/Helipad-in-charge will report to the TBD.

The Helibase, Helipad-in-charge will:

- i.** provide all ground support requirement of Helicopters at the location;
- ii.** keep appropriate Maps in order to provide correct coordinates to the pilots;
- iii.** survey the Helibase/Helipad area to analyse situation, potential Aircraft hazards and other likely problems;
- iv.** ensure that the Helipad and Helibase is properly marked so that it is visible from the air for smooth landing of Aircrafts;
- v.** coordinate with the ground supervisor for Helicopter Operations;
- vi.** determine and implement ground and air safety requirements and procedures;
- vii.** maintain continuous monitoring of the assigned Helibases and Helipads and remain vigilant for unusual happening or hazards that may affect the Air Operations and take precautionary measures;
- viii.** ensure that all personnel deployed at the Helibases and Helipads are aware of the safety requirements;
- ix.** establish ground communication facilities;
- x.** notify supervisor immediately of any delays in Helicopter schedules;
- xi.** ensure Aircraft rescue measures, fire fighting services, lights, smoke candles, weighing facilities, wind direction socks, dust abatement measures and security etc. are in place and working properly at Helibases and Helipads;
- xii.** ensure proper facilities for rest, refreshment, water and sanitation for the Air crew;
- xiii.** inform the supervisor about the mission completion;

- xiv. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Group-in-charge; and
- xv. perform any other duties assigned by the Group-in-charge.

Roles and Responsibilities of Loading / Unloading-in-Charge

The Loading/Unloading-in-charge will:

- i. be responsible for the safe Operations of Loading and Unloading of cargo and personnel at Helibases;
- ii. report to the Airbases, Helibases and Helipad-in-charge;
- iii. ensure load manifest of personnel and cargo;
- iv. ensure no inflammable material is loaded on the Aircrafts;
- v. supervise loading and unloading crew;
- vi. ensure proper packaging of the loads, keeping in view the weight restriction that maybe imposed by the pilots due to weather conditions and make sure that weighing facilities are available for such purpose;
- vii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Group-in-charge; and
- viii. perform any other duties as assigned by the Group-in-charge, Helibase-in-charge and Helipad-in-charge.

Planning Section (PS)

PS comprises Resource Unit, Situation Unit, Documentation Unit and Demobilisation Unit (Fig.15.). The Section is headed by a chief known as Planning Section Chief.

Planning Section Chief (PSC)

The PSC is responsible for collection, evaluation, dissemination and use of information. It keeps track of the developing scenario and status of the resources. In case of need, the PS may also have Technical Specialist for addressing the technical planning matters in the management of an incident. A

list of such specialists will be kept available in the PS. The PSC reports to the IC and will be responsible for the activation of Units and deployment of personnel in his Section as per requirement.

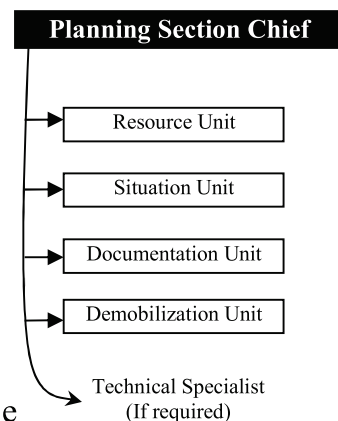


Fig. 15. Composition of Planning Section

Roles and Responsibilities of PSC

The PSC will:

- i. coordinate with the activated Section Chiefs for planning and preparation of IAP in consultation with IC;
- ii. ensure that decisions taken and directions issued in case of sudden disasters when the PS had not been activated are obtained from the IMO (Command Staff) and incorporated in the IAP;
- iii. ensure collection, evaluation, and dissemination of information about the incidents including weather, environment toxicity, availability of resources etc. from concerned departments and other sources. The PS must have a databank of available resources with their locations from where it can be mobilised;
- iv. coordinate by assessing the current situation, predicting probable course of the incident and preparing alternative strategies for the Operations by preparing the IAP. The IAP contains objectives reflecting the overall incident strategy and specific tactical actions and supporting information for the next operational period (24 hours is considered as one operational period). The plan may be oral or written. Written plan may have a number of attachments, including incident objectives, organisation assignment list IRS Form-005 (enclosed in Annexure-V), incident communication plan IRS Form-009 (enclosed in Annexure-IX),

demobilisation plan IRS Form-010 (enclosed in Annexure-X), traffic plan, safety plan, and incident map etc. The major steps for preparing IAP areas follows;

- a. Initial information and assessment of the damage and threat;
 - b. Assessment of resources required;
 - c. Formation of incident objectives and conducting strategy meetings;
 - d. Operations briefing;
 - e. Implementation of IAP;
 - f. Review of the IAP; and
 - g. Formulation of incident objectives for the next operational period, if required;
- v. ensure that Incident Status Summary (IRS Form-002) enclosed in Annexure-II is filled and incorporated in the IAP;
 - vi. ensure that Organisational Assignment List (Divisional / Group) IRS Form-005 as enclosed in Annexure – V is circulated among the Unit leaders and other responders of his Section;
 - vii. plan to activate and deactivate IRS organisational positions as appropriate, in consultation with the IC and OSC;
 - viii. determine the need for any specialised resources for the incident management;
 - ix. utilise IT solutions for pro-active planning, GIS for decision support and modeling capabilities for assessing and estimating casualties and for comprehensive response management plan;
 - x. provide periodic projections on incident potential;
 - xi. report to the IC of any significant changes that take place in the incident status;
 - xii. compile and display incident status summary at the ICP;
 - xiii. oversee preparation and implementation of Incident Demobilisation Plan (IRSForm-010) enclosed in Annexure-X;
 - xiv. assign appropriate personnel, keeping their capabilities for the tasks in mind and maintain On Duty Officers List (IRS Form-007) for the day as enclosed in Annexure-VII;
 - xv. ensure that record of various activities performed (IRS Form-004 enclosed in Annexure-IV) by members of Units are collected and maintained in the Unit Log (IRSForm-003) enclosed at Annexure-III; and xvi. Perform any other duties assigned by IC.

Roles and Responsibilities of Resource Unit Leader (RUL)

The Resource Unit Leader will:

- i. maintain and display the status of all assigned resources (Primary and Support) at the incident site by overseeing the check-in of all resources, and maintaining a

resource status-keeping system. Primary resources are meant for responders and support resources are meant for affected communities;

- ii. compile a complete inventory of all resources available. He will also access information about availability of all required resources at other locations and prepare a plan for their mobilisation, if required. IDRN, CDRN and IDKN facilities will also be used for this purpose;
- iii. ensure and establish Check-in function at various incident locations;
- iv. update the PSC and IC about the status of resources received and despatched from time to time;
- v. coordinate with the various activated Branches, Divisions and Groups of OS for checking status and utilisation of allotted resources;
- vi. ensure quick and proper utilisation of perishable resources;
- vii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Section concerned; and viii. perform any other duties assigned by PSC.

Roles and Responsibilities of Check-in/Status Recorder

The Check-in and Deployment Status Recorder will:

- i. report to the RUL;
- ii. Ensure that all resources assigned to an incident are accounted for at each check-in point;
- iii. obtain required work materials, including Check-in Lists, Resource Status display boards showing different locations for deployment of resources, collection of resources with time of arrival and type of resources etc. The status of resources would be displayed through T card board or through a computerised programme on the computers;
- iv. establish communications with the EOC and Ground Support Unit (GSU) of LS;
- v. ensure displays of check-in locations on signboard so that arriving resources can easily locate the Check-in location(s);
- vi. enter or record information on Incident Check-in and deployment list as per the IRSForm-006 enclosed at Annexure - VI;
- vii. transmit Incident Check-in and deployment information to Resource Unit on a regular and prearranged schedule or as needed;
- viii. forward completed Check-in Lists to the Resource Unit;
- ix. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sections concerned; and

- x. perform any other duties as assigned by PSC.

Roles and Responsibilities of Situation Unit Leader (SUL)

The SUL will:

- i. collect, process and organise all incident information as soon as possible for analysis. For such purposes, he can take the help of members of the Single Resource, Task Forces, Strike Teams, field level Government officers and members of PRIs, CBOs, NGOs etc;
- ii. prepare periodic future projections of the development of the incident (along with maps if required) and keep the PSC and IC informed;
- iii. prepare situation and resource status reports and disseminate as required;
- iv. provide authorised maps, photographic services to responders, if required;
- v. attend IAP Meeting with required information, data, documents and Survey of India maps etc;
- vi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Section concerned; and
- vii. perform such other duties assigned by SUL or PSC.

Roles and Responsibilities of Display Processor (DP)

The DP is responsible for the display of incident status information obtained from Field Observers (FOs), Single Resource, Strike Teams, Task Forces, and through other sources.

The DP will:

- i. display incident status obtained from Field Observers (FOs), Single Resource, Strike Teams, Task Forces, aerial photographs and other data received from technical sources;
- ii. report to the SUL;
- iii. ensure timely completion of display chart;
- iv. obtain necessary equipment and stationery;
- v. assist in analysing and evaluating field reports;
- vi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the SUL; and
- vii. perform such other duties as assigned by SUL or PSC.

Roles and Responsibilities of Field Observer (FO)

The FO is responsible for collecting situation information from personal observations of the incident and provide this information to the SUL. He may be a local

private individual or a member of any of the operational Units / Groups. The PSC will specially designate the individuals for such purpose.

The FO will:

- i. report to SUL immediately on any situation observed which may cause danger and safety hazard to responders and affected communities. This should also include local weather conditions;
- ii. gather intelligence that may facilitate better planning and effective response;
- iii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the SUL; and
- iv. perform such other duties as assigned by SUL or PSC.

Roles and Responsibilities of Documentation Unit Leader (DUL)

The DUL will:

- i. ensure that all the required forms and stationery are procured and issued to all the activated Sections, Branches, Divisions, Groups and Units;
- ii. compile all information and reports related to the incident;
- iii. review and scrutinise the records and various IRS forms for accuracy and completeness;
- iv. inform appropriate Units of errors or omissions in their documentation, if any, and ensure that errors and omissions are rectified;
- v. store files properly for post-incident analysis;
- vi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sections concerned; and
- vii. perform any other duties as assigned by the PSC.

Roles and Responsibilities of Demobilisation Unit Leader (Demob. UL)

In the management of a large incident, demobilisation can be quite a complex activity and requires proper and separate planning. When the disaster response is near completion, the resources mobilised for response need to be returned. This should be done in a planned and phased manner. Demobilisation requires organising transportation of both equipment and personnel to a large number of different places both near and far away. The Demob Unit will prepare the demobilisation plan in consultation with RO, IC and PSC. The plan should include the details of the responders to be demobilised, the date, mode of transport, location from where they will be demobilised, the destination

where they have to finally reach etc. There will be a similar plan for out of service equipment and sick personnel also.

The Demob. UL will:

- i. prepare Incident Demobilisation Plan (IDP) as per IRS Form-010 given in Annexure-X;
- ii. identify surplus resources and prepare a tentative IDP in consultation with the PSC and give priority to demobilisation of surplus resources;
- iii. develop incident check-out functions for Sections, Branches, Divisions and units in consultation with all Sections and send to the PS;
- iv. plan for logistics and transportation support for Incident Demobilisation in consultation with LS;
- v. disseminate IDP at an appropriate time to various stakeholders involved;
- vi. ensure that all Sections, Units, Teams and Resources understand their specific Incident Demobilisation responsibilities and avail Demobilisation facilities;
- vii. arrange for proper supervision and execution of the IDP;
- viii. brief the PSC on the progress of Demobilisation;
- ix. request the PSC for additional human resources, if required;
- x. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sections concerned; and
- xi. perform any other duties assigned by the PSC.

Technical Specialists (TS)

In consultation with the RO and IC, the PSC may mobilise Technical Resources and Specialists for specialised response, if required. They may be deployed for technical planning or specialised technical response and will function under the concerned section chief.

The TSs will provide technical support to the response management. A data base of TS will be prepared in advance at the District, State, Metropolitan City and Union Territory levels and incorporated in their DM Plan.

Logistics Section (LS)

LS provides all logistic support for effective response management. The Units under different Branches of the LS are responsible not only for the supply of various 'kinds' and 'types' of resources, but also for the setting up of different facilities like the Incident Base, Camp, ICP and Relief Camp etc. This would entail the involvement of several line departments of Government and other agencies. It would require a proper and smooth coordination at the highest level of the administration. The LS will work closely with the RO, EOC and the IC. The State and District DM plans will have comprehensive details like where the required resources can be procured from and manpower mobilised, etc. IDKN, IDRN and CDRN may also be useful for the mobilisation of equipment and manpower.

Logistics Section Chief (LSC)

The LS comprises Service, Support and Finance Branches. Structure and details of each Branch are shown in Fig. 16. The Section is headed by a chief known as the LSC. The activation of various Branches of the LS is context specific and would depend on the enormity and requirements of the incident. The Finance Branch (FB) constitutes an important component of the LS to specially facilitate speedy procurement, and proper accounting following financial procedures and rules.

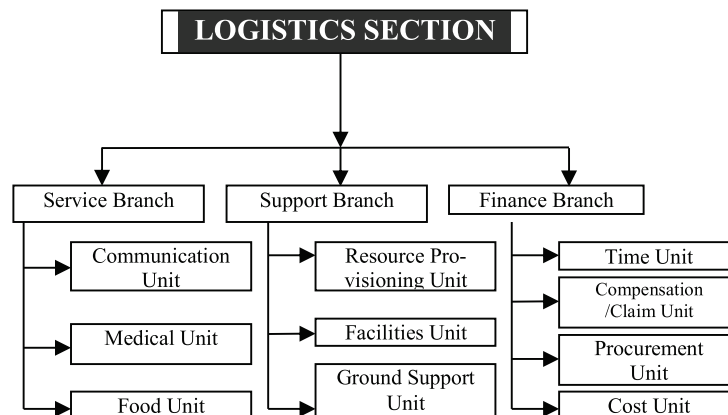


Fig. 16. Composition of Logistics Section

Roles and Responsibilities of LSC

The LSC will:

- i. coordinate with the activated Section Chiefs;
- ii. provide logistic support to all incident response effort including the establishment of SA, Incident Base, Camp, Relief Camp, Helipad etc.;

- iii. participate in the development and implementation of the IAP;
- iv. keep RO and IC informed on related financial issues;
- v. ensure that Organisational Assignment List (Divisional / Group) IRS Form-005 as enclosed in Annexure – V is circulated among the Branch Directors and other responders of his Section;
- vi. request for sanction of Imprest Fund, if required;
- vii. supervise the activated Units of his Section;
- viii. ensure the safety of the personnel of his Section;
- ix. assign work locations and preliminary work tasks to Section personnel;
- x. ensure that a plan is developed to meet the logistic requirements of the IAP with the help of Comprehensive Resource Management System;
- xi. brief Branch Directors and Unit Leaders;
- xii. anticipate over all logistic requirements for relief Operations and prepare accordingly;
- xiii. constantly review the Communication Plan, Medical Plan and Traffic Plan to meet the changing requirements of the situation;
- xiv. assess the requirement of additional resources and take steps for their procurement in consultation with the RO and IC;
- xv. provide logistic support for the IDP as approved by the RO and IC;
- xvi. ensure release of resources in conformity with the IDP;
- xvii. ensure that the hiring of the requisitioned resources is properly documented and paid by the FB;
- xviii. assign appropriate personnel, keeping their capabilities for the tasks to be carried out and maintain On Duty Officers List (IRS Form-007) for the day as enclosed in Annexure-VII;
- xix. ensure that cost analysis of the total response activities is prepared;
- xx. ensure that record of various activities performed (IRS Form-004 enclosed in Annexure-IV) by members of Branches and Units are collected and maintained in the Unit Log IRS Form 003 as enclosed at Annexure-III; and
- xxi. Perform any other duties as assigned by RO or IC.

Roles and Responsibilities of Service Branch Director (SBD)

The SBD will:

- i. work under the supervision of LSC, and manage all required service support for the incident management;

- ii. manage and supervise various Units of the Branch like Communication Unit, Medical Unit, Food Unit and any other activated Unit;
- iii. discuss with activated Unit leaders for the materials and resources required and procure the same through LS;
- iv. ensure proper despatch of personnel, teams, resources etc as per the IAP;
- v. prepare an assignment list, if required;
- vi. keep the LSC informed about the progress of Service Branch, from time-to-time;
- vii. resolve Service Branch problems, if any;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to sections concerned; and
- ix. perform any other duties assigned by the IC and LSC.

Roles and Responsibilities of Communication Unit Leader (Com. UL)

The Com. UL will:

- i. work under the direction of the SBD;
- ii. provide communications facility as and when required;
- iii. ensure that all communications equipment available are in working condition and that the network is functional;
- iv. supervise Communication Unit activities;
- v. maintain the records of all communications equipment deployed in the field;
- vi. recover equipment provided by Communication Unit after the incident is over. Ensure that it is properly linked with the IDP;
- vii. ensure setting up of a message centre to receive and transmit radio, telephone and other messages from various activated Sections, Branches, Units and higher authorities and maintain their records;
- viii. prepare an alternative communication plan for execution in case of possible failure of the normal communications network. The alternative communications network may have wireless, satellite phones, cell phones, HAM radios etc;
- ix. prepare a plan for integration of the communications set up of the central teams(NDRF, Armed Forces) with the local communications set up for the management of large scale disasters when they come to assist in the response effort;
- x. ask for and ensure adequate staffing support;
- xi. ensure that the communications plan is supporting the IAP;
- xii. demobilise Communications Centre in accordance with the IDP;

- xiii.** maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to SBD; and
- xiv.** Perform any other duties assigned by the SBD or LSC.
- xv.** Roles and Responsibilities of Medical Unit Leader (MUL)

The MUL will:

- i.** work under the direction of the SBD;
- ii.** prepare the Medical Plan and procurement of required resources as per IAP, provide medical aid and ambulance for transportation of victims and maintain the records of the same, as given in IRS Form 008 (Annexure-VIII), obtain a road map of the area from the PS for the ambulance services, transportation of medical personnel and victims;
- iii.** respond to requests of the OS for medical aid, transportation and medical supplies etc. under intimation to the SBD and LSC;
- iv.** maintain the list of medical personnel who could be mobilised in times of need;
- v.** requisition more human resources as and when required to meet the incident objectives;
- vi.** prepare and circulate list of referral service centres to all the medical team leaders;
- vii.** maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to SBD; and
- viii.** perform any other duties assigned by the SBD and LSC.

Roles and Responsibilities of Food Unit Leader (FUL)

The FUL will:

- i.** work under the direction of the SBD;
- ii.** supply resources to various activated Sections, Branches, Units and Groups of IRT as per direction of the SBD;
- iii.** supply food to: a) Personnel of IRT(s) at ICP, Camps, Incident Base, SA, etc., and b) Victims at the temporary shelters, relief camps etc.;
- iv.** request for assistants if the task becomes very large. The FUL may request the LSC to split the unit into two groups—one to supply food for personnel and another for victims. Requisition transport for supply of food to incident base, relief camp and other facilities;
- v.** determine food and drinking water requirements and their transportation, and brief the SBD and LSC;
- vi.** maintain an inventory of receipt and despatch of resources;

- vii. supervise the Unit activities;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to SBD; and
- ix. perform any other duties assigned by the SBD and LSC.

Roles and Responsibilities of Support Branch Director (Sup. BD)

The Sup. BD will:

- i. work under the supervision of LSC, and supervise the function of Resource Provisioning Unit, Facility Unit and Ground Support Unit;
- ii. procure and despatch required tactical materials and resources for Operations with the concurrence of the Section Chief;
- iii. participate in the planning meeting of the LS;
- iv. ensure that organisation assignment list concerning the Branch is circulated to all Units under him;
- v. coordinate various activities of the Support Branch;
- vi. keep the LSC informed about the progress of work;
- vii. resolve problems within his unit, if any;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Section concerned; and
- ix. perform any other duties assigned by the LSC.

Roles and Responsibilities of Resource Provisioning Unit Leader (RPUL)

The RPUL will:

- i. work under the supervision of Sup.BD;
- ii. organise movement of personnel, equipment and supplies,
- iii. receive and store safely all supplies required for the incident response,
- iv. maintain the inventory of supplies and equipment;
- v. maintain the records of receipt and despatch of supplies including equipment and personnel;
- vi. organise repair and servicing of non-expendable supplies and equipment;
- vii. participate in the planning meeting of LS;
- viii. monitor the 'Kind', 'Type' and quantity of supplies available and despatched;
- ix. receive and respond to requests for personnel, supplies and equipment from the activated Sections, Branches, Divisions, Units and Groups of the IRS organisation under intimation to Sup. B.D.;

- x. requisition additional human resource assistance, if needed. These assistants maybe deployed for different functional activities such as Resource Ordering, Resource Receiving and Tool & Equipment maintenance;
- xi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sup.BD; and
- xii. Perform any other duty as assigned by LSC or Sup.BD.

a. Roles and Responsibilities of Resource Ordering-in-charge

The Resource Ordering-in-charge will:

- i. report to the RPUL;
- ii. prepare a list of resources to be procured and obtain its approval;
- iii. place resource orders in a timely manner as per procedure laid down;
- iv. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to RPUL; and
- v. perform any other duties assigned by the RPUL.

b. Roles and Responsibilities of Resource Receiving and Distribution-in-Charge

The Resource Receiving and Distribution-in-Charge will:

- i. report to the RPUL;
- ii. receive and distribute all resources and services which have been ordered;
- iii. identify and ensure time and locations for delivery of supplies and equipment;
- iv. prepare separate lists for the resources received from line departments of Government and from other sources;
- v. organise physical layout of supply area;
- vi. set up a filing system for receiving and distributing supplies and equipment and keep RPUL informed;
- vii. ensure security requirements;
- viii. keep the Resource Ordering-in-Charge informed about the positions of supplies and equipment received;
- ix. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to RPUL; and
- x. perform any other duties assigned by the RPUL.

c. Roles and Responsibilities of the Tool and Equipment Specialist

The Tool and Equipment Specialist will:

- i. report to RPUL;

- ii. supervise the service and repair all tools and equipment and keep the RPUL informed of their status;
- iii. maintain record of activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to RPUL; and
- iv. perform any other duties assigned by the RPUL.

Roles and Responsibilities of Facilities Unit Leader (Fac. UL)

The Fac. UL will:

- i. prepare the layout and activation of incident facilities, e.g., Incident Base, Camp(s), Relief Camp(s), ICP, etc., and provide basic amenities to the responders;
- ii. report to the Sup.BD;
- iii. locate the different facilities as per the IAP;
- iv. participate in the planning meeting of the Section, prepare list for each facilities and its requirements in coordination with the LSC;
- v. ask for additional personnel support if required to monitor and manage facilities at Incident Base and Camp etc;
- vi. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sup. BD; and
- vii. perform such other duties as assigned by the Sup. BD.

a. Other in-charges under the Fac. UL

Depending on the enormity and magnitude of the arrangements required, the Fac. UL may need to deploy other incharge under him for maintenance of various facilities and their security. The various other in-charges and their roles and responsibilities are as follows:

Roles and Responsibilities of Facility Maintenance-in-charge

The Facility Maintenance-in-charge will:

- i. ensure that proper sleeping and resting facilities are organised;
- ii. organise and provide toilet, bath and sanitation;
- iii. maintain lighting arrangements;
- iv. maintain general cleanliness in Incident Base, Camp(s), Relief Camp(s), ICP etc.;
- v. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Fac. UL; and
- vi. perform any other duties directed by the Fac. UL.

Roles and Responsibilities of Security-in-charge

The Security-in-charge will:

- i.** provide security to the deployed resources including responders, relief materials at the required places and relief camps;
- ii.** establish contact with local law enforcement agencies, as required;
- iii.** request personnel support to accomplish work assignments, if required;
- iv.** coordinate security plan for incident facilities;
- v.** maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Fac. UL; and
- vi.** perform any other duties assigned by the Fac. UL.

Roles and Responsibilities of Ground Support Unit Leader (GSUL)

The GSUL will:

- i.** work under the supervision of the Sup. BD;
- ii.** provide transportation services for field operations to TBD;
- iii.** in case Air Operations are activated, organise and provide required ground support through TBD;
- iv.** provide maintenance and repair services for all the vehicles and related equipment used for incident management as per proper procedures and keep the concerned line departments informed through the Sup. BD and LSC;
- v.** develop and implement the Incident Traffic Plan;
- vi.** inform Resource Unit about the availability and serviceability of all vehicles and equipment;
- vii.** arrange for and activate fueling requirements for all transport including Aircrafts in consultation with the Sup. BD;
- viii.** maintain inventory of assigned, available and off road or out of service resources;
- ix.** ensure safety measures within his jurisdiction;
- x.** maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to the Sup. BD; and
- xi.** perform any other duties as assigned by the Sup. BD.

Roles and Responsibilities of Finance Branch Director (FBD)

The FB is responsible for managing all financial aspects of response management. The FB has been kept under the LS for quick and effective procurement. Due diligence is very important in all financial transactions and proper procedure needs to be followed.

Special precautions will be taken in selecting knowledgeable and experienced personnel conversant with the financial rules for functioning in this Branch.

The FBD will:

- i. work under the LSC;
- ii. attend planning meetings;
- iii. prepare a list of resources to be mobilised, procured or hired in accordance with the IAP. Obtain orders of the competent authority as per financial rules and take steps for their procurement without delay;
- iv. ensure that time records of hired equipment, personnel and their services are accurately maintained as per Government norms for payment;
- v. examine and scrutinise cost involved in the entire response activity including the demobilisation, analysis the cost effectiveness and keep the LSC informed;
- vi. ensure that all obligation documents initiated at the incident are properly prepared, completed, verified and signed by the appropriate Section Chief and BD;
- vii. brief the LSC or IC on all incident related financial issues needing attention or follow-up;
- viii. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to Sections concerned; and
- ix. perform any other duties as assigned by the LSC or IC.

Roles and Responsibilities of Time Unit Leader (TUL)

The TUL will:

- i. maintain time recording of hired equipment and personnel and ensure that it is maintained on a daily basis and according to government norms;
- ii. examine logs of all hired equipment and personnel with regard to their optimal utilisation;
- iii. ensure that all records are correct and complete prior to demobilisation of hired resources;
- iv. brief the FBD on current problems with recommendations on outstanding issues, and any follow-up required;
- v. ask for additional support of human resources for assistance, if required;
- vi. maintain record of the activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to FBD; and
- vii. perform any other duties as assigned by the FBD.

Roles and Responsibilities of Procurement Unit Leader (PUL)

The PUL will:

- i.** attend to all financial matters pertaining to vendors and contracts;
- ii.** review procurement needs in consultation with the FBD;
- iii.** prepare a list of vendors from whom procurement can be done and follow proper procedures;
- iv.** ensure all procurements ordered are delivered on time;
- v.** coordinate with the FBD for use of imprest funds, as required;
- vi.** complete final processing of all bills arising out of the response management and send documents for payment with the approval of the FBD, LSC and IC;
- vii.** brief FBD on current problems with recommendations on outstanding issues and follow-up requirements;
- viii.** maintain record of activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to FBD; and
- ix.** perform any other duties as assigned by the FBD.

Roles and Responsibilities of Compensation / Claims Unit Leader (Com./CUL)

DM Act 2005, Section 65 and 66 provides for payment of compensation. Payments are also to be made for requisitioned premises, hired services, resources and vehicles for the purpose of disaster response and rescue operations etc. The Government may also decide to make ex-gratia payments depending upon the magnitude and the quantum of damage. There are some benchmarks for quantifying the level of loss in different scenarios like flood, drought, etc. While some states may have their own norms for such purposes the GoI has also laid down the CRF Norms which should be followed.

If the incident is such that there may be a requirement of making payments concerning compensations and claims, the IC in consultation with the RO will activate a Compensation/ Claims Unit and appoint a leader to collect and compile figures of loss of life and property etc. as provided by the relevant Government norms and directions (CRF norms – enclosed in Annexure - XIII). The leader in such cases should be advised to get photographs taken of the damages that may have occurred and even get the photographs of the dead victims and animals. He will also compile details of premises requisitioned, services and resources hired for which payments have to be made. These details should be sent to RO through IC for further necessary orders and payments.

The Com./CUL will:

- i.** collect all cost data and provide cost estimates;

- ii. prepare and maintain a list of requisitioned premises, services, resources and vehicles, etc. with correct date and time of such requisition;
- iii. follow appropriate procedures for preparation of claims and compensation;
- iv. requisition additional human resources, if required;
- v. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to FBD; and
- vi. perform any other duties as assigned by the FBD.

Roles and responsibilities of Cost Unit Leader (CUL)

The CUL is responsible for collecting all cost data, and providing cost estimates. At the end of the response the CUL provides cost effectiveness analysis.

The CUL will:

- i. develop incident cost summaries in consultation with the FBD on the basis of Cost Analysis Report;
- ii. make cost-saving recommendations to the FBD;
- iii. complete all records relating to financial matters prior to demobilisation;
- iv. maintain record of various activities performed as per IRS Form-004 (enclosed in Annexure-IV) and send to FBD; and
- v. perform any other duties as assigned by the FBD.

Annexures

Incident Briefing – IRS Form 001

Attach a separate sheet under each heading in case space is not sufficient

1. Incident Name	
2. Map Sketch (Give details of the affected site)	
Date Prepared Prepared	Time

Source: Adapted from ICS Form 201

Contd...

3. Summary of Current Action

a. Action already taken

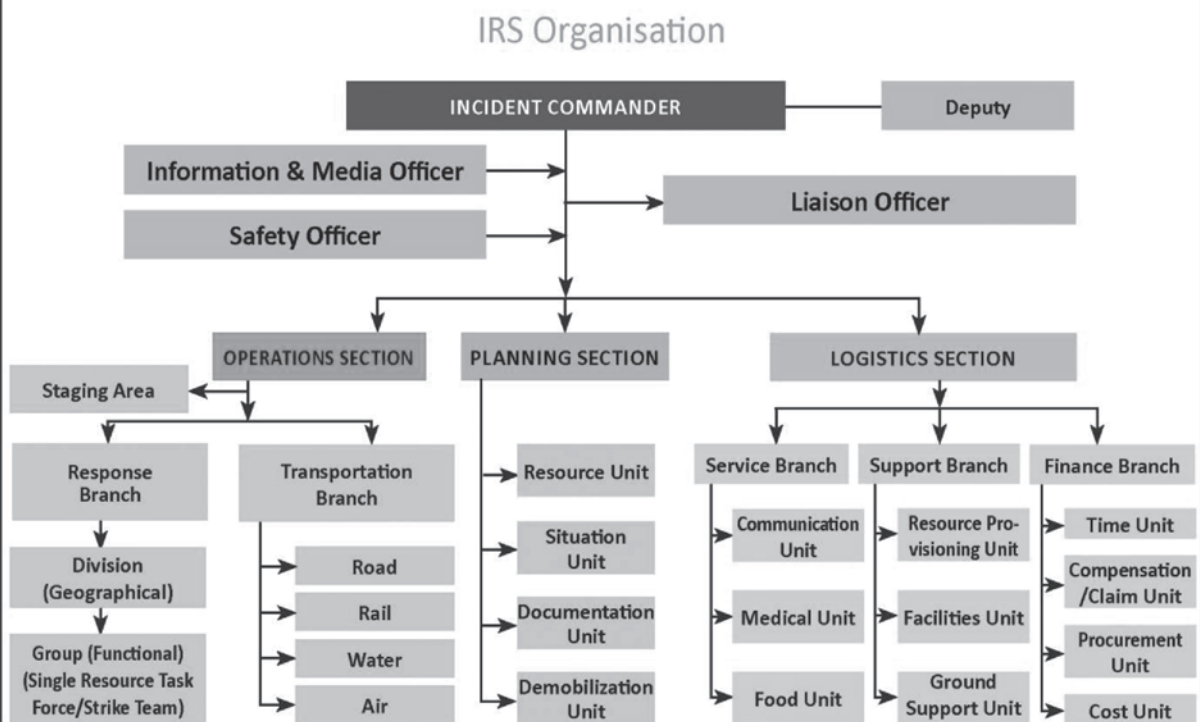
b. Action to be taken

c. Difficulties if any in response including mobilisation of resources and manpower

Contd...

4. Current Organisation (Brief about activated section of IRT)

Highlight the activated Sections / Branches / Units



Contd...

Annexure-II

Incident Status Summary (ISS) – IRS Form 002

(Major Components)

Attach a separate sheet in case space is not sufficient

1. Name of the incident :		2. Name of the IRT:		3. Operational Period		4. Prepared	
						Date:	
						Time:	
5. Name of the IC:		6. Phone No. :					
7. Current Situation (Nos. of Casualty)							
(a)	(b)	(c)	(d)	(e)	Dead	Identified and cremated / buried dead bodies	Un-identified dead bodies
Locations	Injured	Treated	Discharged	Patients referred (Specify Hospitals with locations)			
8. Status of Infrastructure (Put tick mark)							
(a)	(b)	(c)	(d)	9. Threats, if any which may be increase severity of incident may be indicated			
Infrastructure	Not Damaged	Partially Damaged	Completely Damaged				
Road							
Railways							
Airport							
Water Supply							
Electricity Supply							
Communication Network							
Communities / Critical Infrastructure							
Residence							
Any Other (Specify)							

Contd...

10. Resources deployed for response with descriptions									
(a)	(b)				(c)			(d)	
Locations	Resources				ESF involved			Activities	
	Human Resources	Equipments			Gov.	Non Gov.			
		Kind	Type	Quantity					
11. Need for additional resources									
(a)									
(b)									
Resource Details									
Kind		Type	Quantity	Source of Mobilization					
12. Remarks if any:									
13. Name and designation of officer Prepared by _____									

Annexure-III

Unit Log – IRS Form 003

(Major Components)

Attach a separate sheet if space is not sufficient

1. Name of the incident:		2. Name of the Section:	3. Operational Period:	4. Prepared	
				Date:	
				Time:	
5. Name of the Units	6. Work Assigned with Resources	7. Name of the Site	8. Status of work		
			(a)	(b)	
			Completed	Not completed	
9. Specify accident / incident / weather conditions which may increase severity of incident					
(a)	(b)	(c)			
Time	Locations	Action taken or suggested			
10. Name and designation of officer Prepared by					

Source: Adapted from ICS Form 214

Record of Performed Activities – IRS Form 004

(Attach a separate sheet, if space is not sufficient)

80

Annexure-V

Organization Assignment List – IRS Form 005

(Major Components)

(Attach a separate sheet if space is not sufficient)

This assignment list will be prepared as per IAP and will be circulated among all the responders and supervisory staff at the beginning of each operational period by the respective Section chiefs.

1. Name of the Incident: _____	2. Operational Period: _____	3. Prepared: Date: _____ Time: _____
4. Name of the section to whom work assigned: _____		
5. Name of the supervisory Officer concerned: _____		
6. Name of the responder: _____		
7. list of task assigned <div style="margin-left: 40px;"> (a) _____ _____ (b) _____ _____ (c) _____ _____ (d) _____ _____ (e) _____ _____ (f) _____ _____ (g) _____ _____ (h) _____ _____ (i) _____ _____ </div>		
8. Name and designation of officer Prepared by:	9. Approved by:	

Source: Adapted from ICS Form 203

Incident Check-in and Deployment list – IRS Form 006
(Major Components)
(Attach a separate sheet if space is not sufficient)

[illegible]

Source: Adapted from ICS Form 211

On Duty Officer List – IRS Form 007

(Attach a separate sheet if space is not sufficient)

(Attach a separate sheet if space is not sufficient)
This will be maintained by all the Section and sent to RO through IC

[illegible]

Attach a separate sheet if space is not sufficient

1. Name of the incident:		2. Operational period: Date: Time:		3. Prepared		4. Total Nos. of medical aid camp to be established:									
4.3 Resources Available in the medical camp															
4.1 Sl.No.	4.2 Location (s)	(a) No. of Medical Officers	(b) No. of Paramedics staff	(c) Others (ANM & trained volunteers) Specify	(d) Life saving drugs / Appliances		(e) Facilities of referral services and Blood Banks	(f) Any other (Specify)							
					Yes	No	Yes	No							
6. Availability of Regular Medical Facilities (Specify in Nos.)															
5. Status of Ambulances Services															
(a) Name of the Ambulance Service Provider	(b) Address & Contact No.	(c) Paramedics	6.1 Govt			6.2 Private									
			(a) Loca- tions	(b) Sub Centre	(c) PHC	(d) Hospitals	(e) Medical College	(a) Locations	(b) Clinic	(c) Nursing Home	(d) Hospitals	(e) Medical College	(f) RMP		
		No													
7. Road map of the area circulated among the ambulance service															
(a)	(b)	(a)	(b)	(c)											
Yes	No	Location		Address		Specialization									
9. Name and designation of officer Prepared by (Medical Unit)															
10. Approved by															

Source: Adapted from ICS Form 206

Demobilisation Plan - IRS Form 010

(Major Components)
(Attach a separate sheet if space is not sufficient)

1. Name of the incident:	2. Name of Section / Branch / Division / Unit to be demobilized (Specify):			3. Operational Period:		4. Prepared Date: Time:	
5. Name of responder (s) / details of resources to be demobilized	6. Location from where demobilization will take place	7. Date & Time	8. Mode of transport	9. Transit destination, if any	10. Final Destination & name of agency to whom returned	11. Ultimate destination agency notified or not Yes No	

12. Demobilisation plan for out of service equipments and sick personnel

(a) Name of sick personnel / out of service equipments	(b) Location from where demobilisation will take place	(c) Date & Time	(d) Mode of transport	(e) Transit destination, if any	(f) Final Destination & name of agency to whom returned	(g) Ultimate destination agency notified or not Yes No	

13. Name and designation of officer Prepared by _____

14. Approved by _____

15. Issued by _____

Source: Adapted from ICS Form 221

Annexure-XI

IRS Positions and suitable officers at District levels

District Level IRT

IRS Position	Suitable officers
INCIDENT COMMANDER	ADM / ADC or any other equivalent officer or as deemed by RO
Deputy IC	SDM or any other equivalent officer or as deemed by IC
Information & Media Officer	Control Room Officer / Emergency Officer or any other suitable position at District level as deemed by IC
Liaison Officer	Dy. Collector (Protocol) / District Public Relations Officer or any other suitable position at District level as deemed by IC
Safety officer	Fire Officer / Dy. SP (Police) / Medical Officer / Factory Inspector or any other suitable position at District level as deemed by IC
Operations Section CHIEF	Dy. Superintendent of Police / ADM / Dy. Collector or any other suitable position at District level as deemed by IC / RO
Staging Area Manager	Personnel of; Block Office of affected site (Preferably Block Education Officer or Grampanchayat Officer etc.) / Tehsildar Office of affected site/ Sub-Divisional Office of affected site / District Magistrate Office of affected site or any other suitable position at District level as deemed by IC
Response Branch Director	SDO Sadar /BDO HQ or any other suitable position at District level as deemed by IC
Task Force / Strike Team	Depending on the task to be performed, the personnel and their resources of District, Sub-Division, Tehsil/ Block belonging to various line departments shall combine to form the Task Force / Strike Team. These line departments could be from the departments of; Fire, Police, Civil Defence, NDRF, DFO, Irrigation and Flood Control, BDO and Village level teams headed by elected representatives or officers from any other appropriate Line Departments and pecialists of various corporate sectors (Safety officer, chemical specialist) etc.
Single Resources	Personnel and their equipment of; Sub-Divisional IRT / Health Department / PHD and PWD / Electricity Board / Fire Department / Police Department / Civil Defence / NDRF / Forest Department / NGOs / CBOs / Block Headquarter IRT + Elected representatives / Irrigation and Flood Control Department / Village level resources and its trained perators / Specialists of various corporate sectors (Safety officer,

	chemical specialist, etc) / Other specialists of Government sectors including NDRF and Civil Defence or from any other appropriate Line Department
Transportation Branch	Road Transport Officer (RTO) / Police Inspector / Officers of Forest Department at District level as deemed by IC / OSC
Road Group	
Group-in-charge	Officer of; Road Transport Office (RTO) / Police Inspector / Officers of Forest Department or any other suitable position at District level as deemed by IC / OSC
Vehicle Coordinator	Officer of; Road Transport Office (RTO) / Police Inspector / Officers of Forest Department or any other suitable position at District level as deemed by IC / OSC
Loading-in-charge / Unloading-in-charge	As deemed fit by Vehicle Coordinator
Rail Group	
Group-in-charge	Officer of Railway Division
Coordinator	As deemed fit by Officer of Railway Division
Loading-in-charge / Unloading-in-charge	As deemed fit by Officer of Railway Division
Water Group	
Group-in-charge	Officer of Water and Irrigation Department
Coordinator	Officer of Irrigation Department or any other suitable position of District as deemed by IC / OSC
Loading-in-charge / Unloading-in-charge	As deemed by IC / OSC / FBD
Air Operations Group	
Group-in-charge Air operations	Sr. Officer of District administration or any other suitable position at District level as deemed by RO / IC / OSC
Helibase / Helipad-in-charge	Officer of Airport Authority of India (State specific) or any other suitable position at District level as deemed by RO / IC / OSC / TBD
Loading / Unloading-in-charge	As deemed fit by Officer of Airport Authority of India (State specific) or any other suitable position as deemed by RO / IC / OSC
PLANNING SECTION CHIEF	ADM (Sadar) / Add. SP / Dy. SP / Sr. Deputy Collector / Joint Collector / District Planning Officer / Fire Officer / Medical Officer / NDRF representative (If available) or any other suitable position at District level as deemed by IC / RO
Resource unit	Deputy Collector or officers of equivalent rank / District Planning Officer + Team / Tehsildar or any other suitable position at District level as deemed by IC / PSC
Check-in-status Recorder	Sr. Officers of the District / Dy. Collector or any other suitable position at District level as deemed by IC / PSC
Situation unit	Deputy Collector / Equivalent rank officer / Statistical Officer / Executive Engineer Irrigation or any other suitable

	position at District level as deemed by IC / PSC
Display Processor	Officers of District Administration as deemed by the IC /PSC.
Field Observer	Officers of District Administration / Officials of NGOs, involved in the similar kind of activities in the state / PRIs / ULBs or any other suitable position at District level as deemed by IC / PSC
Weather Observer	Suitable officer selected by PSC in consultation with OSC
Documentation unit	Any suitable Officer of the District Administration in the rank of Deputy Collector
Demobilisation Unit	Senior Official of department of transport / DSP AR or any suitable Official of District Administration in the rank of Dy. Collector as deemed by IC / PSC
Technical Specialist	Suitable officer of Departments of; Meteorology / Fire / Forest / Finance / Health / PWD / PHD and Irrigation etc.
LOGISTICS SECTION CHIEF	Senior Dy. Collector or any other suitable position at District level deemed by IC / RO
Service Branch Director	Dy. Collector / DSP I/c Reserve Officer or any other suitable position at District level as deemed by IC / LSC
Communication unit	Supporting personnel of; I/c Police Wireless / Deputy JTO, BSNL / HAM operators or any other suitable position at District level as deemed by IC / LSC
Medical Unit	Asst. Chief Medical Officer or any other suitable position at District level as deemed by IC / LSC
Food Unit	Asst Civil Supply Officer / Supply Inspector / Food Inspector (Quality Inspector) or any other suitable officer of the District as deemed by IC / LSC.
Support Branch Director	Dy. Collector / DSP I/c Reserve Officer or any other suitable officer as deemed by IC
Resource Provisioning Unit	Additional Supply Officer / Asst. Engineer / Dy. Ex. Engineer or any other suitable position as deemed by IC / LSC
Facilities Unit	Tehsildar / Dy. Tehsildar / Police Reserve Inspectors or any other suitable position as deemed by IC / LSC
Ground Support Unit	Officer of; Road Transport / Inspector/(RTO) / Police Inspector / PWD / PHD / State Transport or any other suitable position as deemed by IC / LSC
Finance Branch Director	Nazarat / Treasury Officer / Dy. Collector or any other suitable position at district level deemed by the IC
Time Unit	Sub-Treasurer / Supply Inspector or any other suitable position at District level deemed by IC / LSC
Compensation / Claim Unit	Dy. Collector or any other suitable position at District level deemed by the IC / LSC
Procurement Unit	SDM / Additional City Magistrate / Dy. Collector + AO or any other suitable position at District level deemed by IC / LSC
Cost Unit	Sub Treasury Officer / Finance Officer / Cost Accountant in any Office or any other suitable position at District level as deemed by IC / LSC

Sub-Division IRT

IRS Position	Suitable officers
INCIDENT COMMANDER	SDO / SDM
Deputy IC	As deemed by IC
Information & Media Officer	Any other suitable position deemed by IC
Liaison Officer	Sub-Division Public Relations Officer or any other suitable position as deemed by IC
Safety officer	Fire Officer / Dy. SP (Police) / Medical Officer / Factory or Industry Inspector or any other suitable position as deemed by IC
OPERATIONS SECTION CHIEF	Any suitable position as deemed by IC
Staging Area Manager	Personnel at; Block Office of affected site (Preferably Block Education Officer or Grampanchayat Officer etc. / Tehsildar Office of affected site/ SDO of affected site or any other suitable position as deemed by IC / OSC
Response Branch Director	Suitable position as deemed by IC / OSC
Division Supervisor / Group-in-charge	Suitable position as deemed by IC / OSC
Task Force / Strike Team	Depending on the task to be performed, the personnel and their resources of District, Sub-Division, Tehsil/Block belonging to various line departments shall combine to form the Task Force / Strike Team. These line departments could be from the departments of; Fire, Police, Civil Defence, NDRF, DFO, Irrigation and Flood Control, BDO and Village level teams headed by elected representatives, or officers from any other appropriate Line Departments and Specialists of various corporate sectors (Safety officer, chemical specialist) etc.
Single Resources	Personnel of Department of; Fire / Police / Civil Defence / NDRF/ DFO / Specialists of various corporate sectors / Elected representatives / Irrigation and Flood Control / Officers from any other appropriate Line Department / Village level teams headed by elected representatives etc.
PLANNING SECTION CHIEF	Suitable position as deemed by IC
Resource unit	Sub-Divisional District Planning Officer + Team or any other suitable position as deemed by IC
Check-in-status Recorder	Officer of any SDO or any other suitable position as deemed by IC / PSC
Situation unit	Suitable position as deemed by IC / PSC
Display Processor	Officers of SDO or from any other Line Deptt. as deemed by IC / PSC
Field Observer	Officials of; Sub-Division / NGO, CBOs involved in similar kind of activities / PRIs / ULBs
Documentation unit	Any suitable Official of Sub-Division in the rank of Dy. Collector or any other position as deemed by IC / PSC
Demobilisation Unit	Senior Officer of Department of Transport / DSP AR or any

	other suitable Official in the rank of Dy. Collector
Technical Specialist	Suitable Officer of Department of; Meteorology / Fire / Forest / Finance / Health / PWD / Irrigation etc.
LOGISTICS SECTION CHIEF	Suitable position as deemed by IC
Service Branch Director	Suitable position as deemed by IC / LSC
Communication unit	Supporting personnel of; I/C Police Wireless / Dy. JTO, BSNL / HAM operators or any other suitable position at District level as deemed by IC / LSC
Medical Unit	Suitable Medical Officer as deemed by IC / LSC
Food Unit	Sub-Division Civil Supply Officer / Supply Inspector / Food Inspector (Quality Inspector) or any other suitable officer as deemed by IC / LSC.
Support Branch Director	Suitable Officer as deemed by the IC / LSC
Resource Provisioning Unit	Additional Supply Officer / Jr. Engineer or any suitable position as deemed by Sup. IC / LSC
Facilities Unit	Tehsildar / Dy Tehsildar / Police Reserve Inspectors or any suitable position as deemed by IC / LSC
Ground Support Unit	Officer of; Road Transport Inspector / (RTO) / Police Inspector / FRO / PWD / PHD / State Transport or any suitable position as deemed by Sup. BD / IC
Finance Branch Director	Nazarat / Treasury Officer or any other suitable position at Sub-Division level deemed by the IC / LSC
Time Unit	Sub-Treasurer / Supply Inspector or any other suitable position at Sub-Division level deemed by the IC / LSC
Compensation / Claim Unit	Dy. Collector or any other suitable position as deemed by the IC
Procurement Unit	Dy. Collector + AO or any other suitable position as deemed by the IC
Cost Unit	Sub Treasury Officer / Finance Officer / Cost Accountant of any Line Departments or any other suitable position as deemed by the IC / LSC

Annexure-XII

Nuclear/Radiological Emergency

Response Actions (to be taken during a Nuclear/Radiological Emergency)

1. Spread prior awareness in respect of do's and don'ts to those likely to be affected by the accident/emergency;
2. Recognise the existence of an abnormal situation;
3. Despatch the team of experts (who can detect CBRN related incidents);
4. Identify and characterise the source and its origin;
5. Cordon off the area with the help of police and be prepared for maintenance of law and order;
6. Assess the magnitude of damage (required for mobilizing relief);
7. Respond quickly to the situation and mobilize resources at the shortest possible notice;
8. Alert all stake holders and responders in the neighboring area;
9. Summon experts from the nearest ERG/DAE facilities;
10. Keep media informed about the latest situation;
11. Induct the services of specially trained NDRF;
12. Organize a suitable facility for decontamination of the persons at a place near the affected site but in a clean environment. Provide them new clothes. Plan to isolate and store the contaminated material;
13. Continue to assess the emergency situation and project its consequences as they develop;
14. Determine the areas where countermeasures are required;
15. Initiate countermeasures at the earliest (for relief and rescue operations on the basis of actual radiation dose levels prevailing in different zones);
16. Plan for evacuation – to move people to temporary shelters, if required;
17. Requisition the transport vehicles for shifting the affected people. Also identify the routes to be followed for shifting of the people;
18. Requisition for supplies of food and drinking water if required (based on actual measurement of contamination found in food and drinking water). In such a case arrangement for alternate supply of food and water will be required; and
19. Initiate the recovery phase at an appropriate time.

Summary

In the event of a nuclear/radiological emergency, protective actions and countermeasures are to be taken promptly in order to be effective. These include identification and isolation of the affected area, decontamination, sheltering, evacuation, medical help, provision for alternate food and water supplies etc. The actions should be balanced and commensurate with the level of severity and should not create unnecessary anxiety and panic among the people. Detailed Guidelines on CBRN disasters have already been issued which should be consulted for details and followed.

Note: The response system required for handling a “nuclear disaster scenario” is entirely different which is being worked out in a separate document.

Annexure-XIII

Examples of Groups for Formation of Strike Team & Task Force and their Roles & Responsibilities

Response in disasters normally may require performance of rescue & evacuation, setting up of Relief Camps, providing medical assistance, supply of food, Restoration of essential services, and establishment of facilities both for the affected communities and the responders etc. When under one leader, a number of boats and personnel (preferably not more than five in the context of span of control) are assigned the job of rescuing marooned villagers, such a team would be called a Strike Team. In this case a number of single resource i.e. boat with rescue personnel are being deployed to perform only one task i.e. rescue and evacuation of marooned villagers.

When under one leader a team of doctors / paramedics, personnel for dead body management, setting up and management of relief camp etc., such a combined team of different types and kinds of Single resource is called a Task force. These teams may be formed for any type of requirement that may crop up. An illustrative list of different functional groups is being given for reference. The list is not exhaustive.

Different functional Groups and their roles and responsibilities

A. Food Group-in-charge

1. Work under the direction of Team Leader / RBD and supervise functions of all group members and report;
2. Attend planning meeting of the section at the request of Team Leader / OSC / RBD;
3. Brief Group members about the objectives and strategy to achieve the goal;
4. Supply food to the affected site. The team leader shall ensure that the food is properly cooked, packed and religious sentiments are kept in mind;
5. Maintain record of all important activities e.g. numbers of kitchens activated, resources supplied, personnel deployed etc.;
6. assess further requirement and inform RBD / OSC;
7. Organise the communities and take their help in running the kitchen etc.;
8. Perform any other duties assigned by the RBD/OSC.

B. Medical Group-in-charge

1. Work under the direction of Team Leader / RBD and supervise functions of all group members and report;
2. Attend planning meeting of the section at the request of Team Leader / OSC / RBD;
3. Brief Group members about the objectives and strategy to achieve the goal;
4. Support PS and LS for organizing and mobilizing; referral services, first aid, treatment of pregnant and lactating women, care for differently abled person and HIV / TB infected patients, etc. if required;
5. Ensure that affected population is getting appropriate care. If the managing capability is beyond the control of the team leader, he shall ask for more teams;

6. Collect a list of health referral service centers from the OSC / RBD or Division supervisor and obtain resources for transportation of patients;
7. Arrange photography and display the information for non-identified patients for identification;
8. Open a counter for public information;
9. Provide psycho-social care. The NDMA Guidelines for Psycho-Social Support and Mental Health Services in disaster should be referred;
10. Develop strategy to control and manage rush of patients at the medical camp;
11. Maintain record of important activities performed relating to health care, e.g. record of number of victims admitted, treated, discharged and referred, types of casualty, status of various medicines used and available, etc.; and
12. Perform such other duties as directed by RBD.

C. Relief camp management Group-in-charge

1. Work under the direction of Team Leader / RBD and supervise functions of all group members and report;
2. Attend planning meeting of the section at the request of Team Leader / OSC / RBD;
3. Brief Group members about the objectives and strategy to achieve the goal;
4. Ensure preparation of food and its distribution in the camp. While distributing food Keep religious sentiments in mind;
5. Place order and ensure that food materials and other required resources are available;
6. Maintain cleanliness of the camp;
7. Arrange light, water & sanitation services;
8. Ensure gender sensitive needs and their safety are in place;
9. Ensure general security of the camp, and;
10. Perform such other duties as directed by RBD.

D. Dead body management Group-in-charge

1. Work under the direction of Team Leader / RBD and supervise functions of all group members and report;
2. Attend planning meeting of the section at the request of Team Leader / OSC / RBD;
3. Brief Group members about the objectives and strategy to achieve the goal;
4. Organise Inquest / postmortem and other legal requirement before cremation / burial of dead bodies;
5. Identify suitable places for cremation / burial or liaison with the in-charge of cremation / burial ground, if required;
6. Mobilise communities for cremation / burial and also for identification of dead bodies, if required;
7. Organise photography of unidentified dead bodies and activate an information cell and display photos for identification;
8. Maintain record of all important activities relating to identification of dead bodies including photographs, status of dead bodies, locations where they were found, place of cremation / burial, etc. and send to RBD; and

9. Perform any other duties assigned by the RBD.

Groups for Restoration of Essential Services

A. Restoring Medical Services: roles and responsibilities

1. Work under the team leader of restoration of essential services and supervise functions of all groups and report to RBD / OSC;
2. Attend planning meetings of the Section at the request of RBD / OSC;
3. Brief team members about the objectives and strategy to achieve the goal;
4. Check different instruments installed in the hospitals;
5. Check power supply and ensure backup in case of failure;
6. Ensure telephone and other means of communication are in working condition;
7. Ensure services of water and sanitation;
8. Maintain cleanliness;
9. Involve community;
10. Maintain record of activities relating to restoration activities;
11. Perform any other duties assigned by Team Leader / RBD / OSC.

B. Restoring Water and Sanitation Services: roles and responsibilities

1. Work under the team leader of restoration of essential services and supervise functions of all groups and report to RBD / OSC;
2. Attend planning meetings of the section at the request of RBD / OSC;
3. Brief team members about the objectives and strategy to achieve the goal;
4. Project requirement of Task Forces, Strike Teams and Single Resource for water and sanitation services, if required;
5. Repair water lines or supply water tanks of the affected sites;
6. Supply drinking water tank to inaccessible area;
7. Repair tube wells;
8. Check contamination of water and provide facilities for water purification;
9. Involve employees of NAC, Municipality or Corporation for sanitation services in consultation with OSC, LSC and ensure that work is in progress;
10. Involve community;
11. Maintain the record of important activities performed; and
12. Perform any other duties assigned by the Team Leader / RBD / OSC.

C. Restoring Telephone / Electric Service: roles and responsibilities

1. Work under the team leader of restoration of essential services and supervise functions of all groups and report to RBD / OSC;
2. Attend planning meetings of the section at the request of RBD / OSC;
3. Brief team members about the objectives and strategy to achieve the goal;
4. Perform assigned tactical tasks;
5. Maintain record of important activities performed etc; and
6. Perform any other duties assigned by the Team Leader / RBD / OSC.

उत्तर प्रदेश शासन
राजस्व अनुभाग-11
संख्या- 16/1-11-2019
लखनऊ : दिनांक : 16 जुलाई, 2019
आ/१२

अधिसूचना

उत्तर प्रदेश सरकार द्वारा प्रदेश में घटित होने वाली आपदाओं के शमन व प्रत्युत्तर हेतु तत्काल प्रभाव से "इन्सीडेन्ट रेस्पांस सिस्टम" को आदर्श सिस्टम के रूप में प्रदेश में लागू किया जाता है। प्रदेश में "इन्सीडेन्ट रेस्पांस सिस्टम" को क्रियान्वित करने हेतु "राज्य स्तरीय इन्सीडेन्ट रेस्पांस टीम" को निम्नवत् गठित किये जाने की अधिसूचना की जाती है:-

State Level Incident Response Team		
1.	Responsible Officer	Chief Secretary to the Govt. of Uttar Pradesh
2.	Incident Commander	Additional Chief Secretary/Principal Secretary, Revenue Dept.
3.	Nodal Officer (Air Operation)	Additional Chief Secretary/Principal Secretary, Aviation Dept.
4.	Deputy Incident Commander	Secretary & Relief Commissioner
5.	Safety Officer	Director General of Police, U.P.
6.	Liaison Officer	Additional C.E.O., U.P.S.D.M.A.
7.	Information & Media Officer	Director Information & Public Relation Department
8.	Operation Section Chief	ACS/ Principal Secretary, Home
	a. Staging Area Manager	Secretary, PWD (Road)
	b. Rescue & Response Branch	
	i. Natural Disasters	ADG, SDRF/PAC/FIRE
	ii. Epidemic & Health Hazard	DG, Health
	iii. Manmade Disasters	ADG, Law & Order
	c. Transport Branch (road, Rail, Water & Air Unit)	Commissioner, Transport
9.	Planning Section Chief	Additional C.E.O., U.P.S.D.M.A.
	a. Situation Unit	Project Director (Emergency Operation), UPSDMA
	b. Resource Unit	Project Manager, Relief Commissioner Organization
	c. Documentation Unit	Project Coordinator (Training), UPSDMA.
	d. Demobilization Unit	Project Director (Flood/ Earthquake/ Epidemics/ Fire/ Drought), UPSDMA.
10.	Logistic Section Chief	ACS/ Principal Secretary, Food & Civil Supply, Department
	a. Service Branch	Secretary, Health & FW
	i. Communication Unit	DIG, Radio & Wireless Communication

ii. Medical Unit	Director, Health
iii. Food Unit	Commissioner, Food & Civil Supply
b. Support Branch	Special Secretary PWD-Building
i. Resource Provisioning Unit	Chief Eng., PWD-Road
ii. Facilities Unit	Chief Eng., PWD-Building
iii. Ground Support	Chief Eng., Jal Nigam
c. Finance Branch	Secretary, Finance (E-5) Dept
i. Time Unit	Dy. Secy., Finance
ii. Compensation/Claim Unit	Dy. Secy., Finance
iii. Procurement Unit	Director, Finance
iv. Cost Unit	Director, Finance

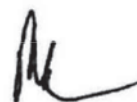
किसी बड़ी आपात स्थिति/आपदा के घटित होने पर "रेस्पान्सिबल फ्रीसर" द्वारा "राज्य स्तरीय इन्सीडेन्ट रेस्पॉन्स टीम" को कियाशील किया जाएगा।



(अनूप चन्द्र पाण्डेय)
मुख्य सचिव,
उ०प्र० शासन।

II व दिनांक तदैव

लेपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित—
समस्त अपर मुख्य सचिव/प्रमुख सचिव, उ०प्र० शासन।
समस्त विभागाध्यक्ष, उत्तर प्रदेश।
समस्त मण्डलायुक्त एवं समस्त जिलाधिकारी, उत्तर प्रदेश।
सम्बन्धित पत्रावली।



(रेणुका कुमार)
अपर मुख्य सचिव,
राजस्व विभाग,
उ०प्र० शासन।

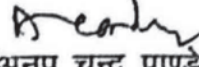
उत्तर प्रदेश शासन
राजस्व अनुभाग-11
संख्या- 183/1-11-2019
लखनऊ : दिनांक : 11 जुलाई, 2019

अधिसूचना

उत्तर प्रदेश सरकार द्वारा प्रदेश में घटित होने वाली आपदाओं के शमन व प्रत्युत्तर हेतु तत्काल प्रभाव से "इन्सीडेन्ट रेस्पांस सिस्टम" को आदर्श सिस्टम के रूप में प्रदेश में लागू किया जाता है। "इन्सीडेन्ट रेस्पांस सिस्टम" को क्रियान्वित करने हेतु "जिला स्तरीय इन्सीडेन्ट रेस्पांस टीम" को निम्नवत् गठित किये जाने की अधिसूचना की जाती है:-

District Level Incident Response Team		
1.	Responsible Officer	District Magistrate
2.	Incident Commander	ADM, F/R
3.	Deputy Incident Commander	City Magistrate
4.	Safety Officer	Superintendent of Police
5.	Liaison Officer	City Magistrate
6.	Information Officer	District Information Officer
7.	Operation Section Chief	Superintendent of Police
	a. Staging Area Manager	R.T.O
	b. Rescue & Response Branch	
	i. Natural Disasters	District Fire Off.
	ii. Epidemic & Health Hazard	C.M.O
	iii. Manmade Disasters	Additional S.P.
	c. Transport Branch (road, Rail, Water & Air Unit)	R.T.O.
8.	Planning Section Chief	ADM, F/R
	a. Situation Unit	Emergency Operation Center, In charge
	b. Resource Unit	Disaster Expert/DDMA In charge
	c. Documentation Unit	District Information Officer
	d. Demobilization Unit	ADM, F/R
9.	Logistic Section Chief	Chief Development Officer
	a. Service Branch	District Development Off.
	i. Communication Unit	District Information Off.
	ii. Medical Unit	Chief Medical Off.
	iii. Food Unit	District Supply Off.
	b. Support Branch	SDM, Sadar
	i. Resource Provisioning Unit	Ex. Engineer Irrigation & PWD
	ii. Facilities Unit	Chief Veterinary Off.
	iii. Ground Support	Ex. Officer, Nagar Nigam/Jal Nigam
	c. Finance Branch	Treasury Officer
	i. Time Unit	Nazir
	ii. Compensation/Claim Unit	Relief Clerk
	iii. Procurement Unit	Treasury Officer
	iv. Cost Unit	Treasury Officer


किसी आपात स्थिति/आपदा के घटित होने पर "रेस्पान्सिबल ऑफीसर" द्वारा "जिला स्तरीय इन्सीडेन्ट रेस्पांस टीम" को कियाशील किया जायेगा।


(अनूप चन्द्र पाण्डेय)
मुख्य सचिव,
उ०प्र० शासन।

संख्या व दिनांक तदैव

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित—

1. समस्त अपर मुख्य सचिव/प्रमुख सचिव, उ०प्र० शासन।
2. समस्त विभागाध्यक्ष, उत्तर प्रदेश।
3. समस्त मण्डलायुक्त एवं समस्त जिलाधिकारी, उत्तर प्रदेश।
4. सम्बन्धित पत्रावली।


(रेणुका कुमार)
अपर मुख्य सचिव,
राजस्व विभाग,
उ०प्र० शासन।





Uttar Pradesh State Disaster Management Authority

Picup Bhawan, Pickup Bldg. Rd., Vibhuti Khand,
Gomti Nagar, Lucknow, Uttar Pradesh 226010