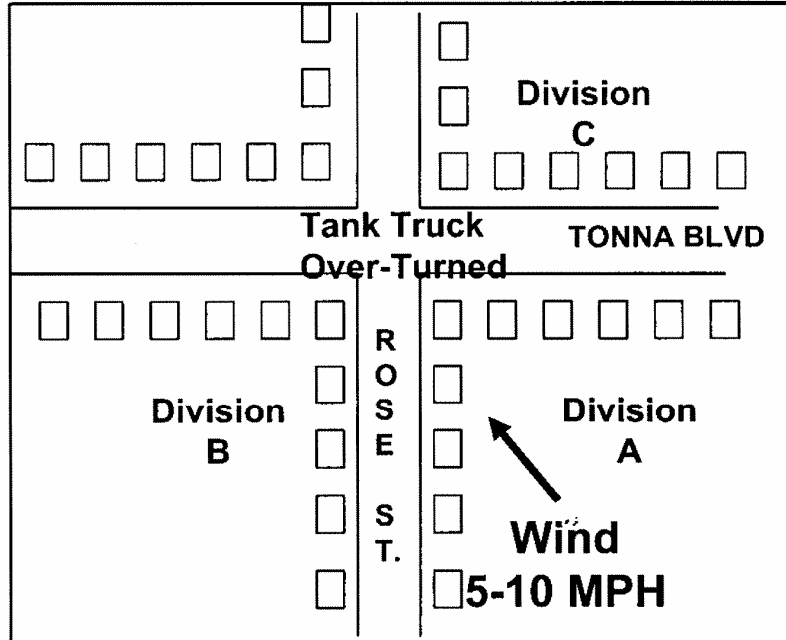


APPENDIX C: SAMPLE COMPLETED ICS FORMS

- ICS Form 201--Incident Briefing Form
- ICS Form 202--Incident Objectives
- ICS Form 203--Organization Assignment List
- ICS Form 204--Division Assignment List
- ICS Form 205--Radio Communications Form
- ICS Form 206--Medical Plan
- ICS Form 207--Organization Chart
- ICS Form 208HM--Site Safety and Control Plan
- ICS Form 209--Incident Status Summary Form
- ICS Form 211--Check-In List
- ICS Form 213--General Message Form
- ICS Form 214--Unit Log
- ICS Form 215--Operational Planning Worksheet
- ICS Form 218--Support Vehicle Inventory
- ICS Form 221--Demobilization Check-Out
- ICS Form 226--Compensation for injury Log
- ICS Form 227--Claims Log
- ICS Form 228--Incident Cost Worksheet
- NWCG 259-3--Resource Order



Division A:

- Eng 1
- Eng 3
- Eng 7
- Trk 2
- HazMat 1
- BC 2

Division B:

- Eng 2
- Eng 6
- Eng 5
- Trk 6
- A-2
- A 4
- A 6
- A 7
- BC 1

Division C:

- Eng 4
- Eng 8
- Eng 9
- Trk 8

Prepared by:

ICS-201 Page 2

1. Incident Name: Tonna Blvd

2. Date/Time Prepared: 4/17/2003 10:20:40 AM

1. Incident Name Tonna Blvd

7. Summary or Current Action:

Evacuating civilians from exposed homes

Providing medical care and transportation

Identified chemical as chlorotetrafluoroethane

ERG Guide 126

Three Divisions established A, B, C

9 patients taken to hospitals

HazMat evaluating leak control procedure

ICS-201 Page 3

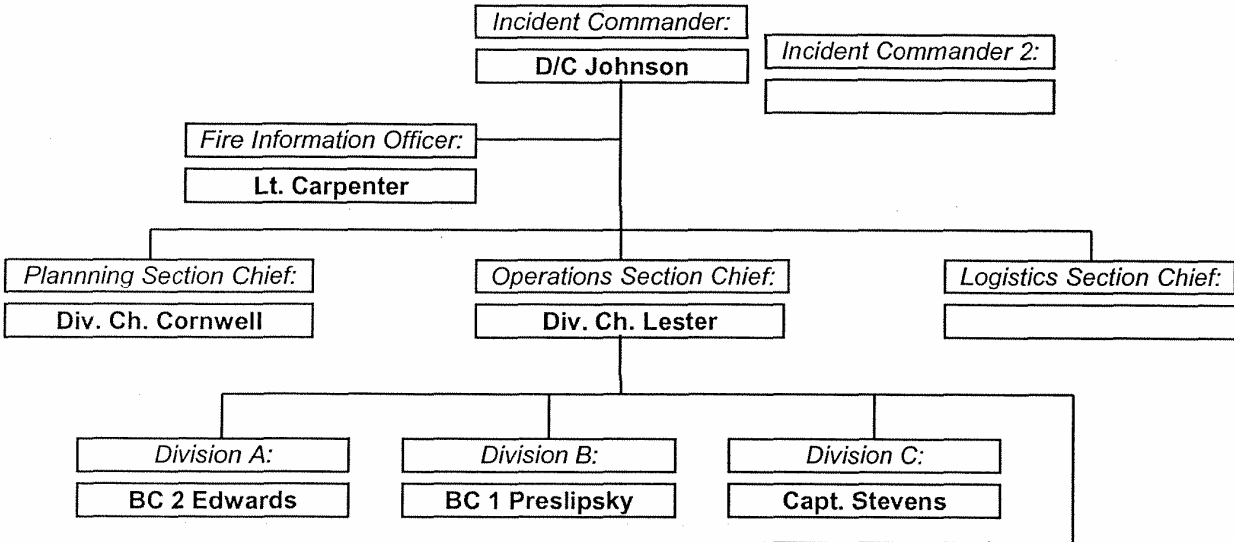
1. Incident Name:

2. Date / Time Prepared

6. Current Organization

1. Incident Name

Incident Number



Air Operations:	<input type="text"/>
Air Support:	<input type="text"/>
Air Attack:	<input type="text"/>
Air Tanker Coord:	<input type="text"/>
Helicopter Coord:	<input type="text"/>

ICS-202 Incident Objectives

Incident Name Tonna Blvd	Incident Number	Date / Time Prepared: 4/17/2003 10:49:48 AM
Operational Period First Operational Period		
General Incident Objectives Protect all civilians from injury Treat and transport injured victims Protect all FF's with proper PPE Stop the leaking material Evacuate area for 1/2 mile in all directions Isolating immediate danger area		
Weather Forecast for Operational Period Continued clear and sunny with 5-10 mph winds from the southeast		
General / Safety Message		
ICS-202 Incident Objectives: <input checked="" type="checkbox"/> ICS-203 Organization Assignment L <input checked="" type="checkbox"/> ICS-204 Division Assignment: <input checked="" type="checkbox"/> ICS-205 Radio Communications Pla <input checked="" type="checkbox"/> ICS-206 Medical Plan: <input checked="" type="checkbox"/> ICS-220 Air Operations Plan: <input type="checkbox"/>	Safety Plan: <input checked="" type="checkbox"/> Weather Forecast: <input type="checkbox"/> Incident Map: <input type="checkbox"/> Incident Base Map: <input type="checkbox"/> Transportation Plan / Map: <input type="checkbox"/> Other <input type="checkbox"/>	
Prepared by Plans Section Chief: Div. Ch. Cornwell	Approved by Incident Commander: D/C Johnson	

ICS-203 Organization Assignment List

<p>Incident Name Tonna Blvd</p> <p>Ops. Period</p>	<p>Date/Time Prepared: 4/17/2003 10:55:06 AM</p>
<p style="text-align: center;">Incident Command and Staff</p> <p><i>Incident Commander</i> D/C Johnson</p> <p style="padding-left: 40px;"><i>I.C. / Deputy</i></p> <p style="padding-left: 40px;"><i>I.C. / Deputy</i></p> <p style="padding-left: 40px;"><i>Safety Officer</i> Capt. Rogers</p> <p style="padding-left: 40px;"><i>Information Officer</i> Lt. Carpenter</p> <p style="padding-left: 40px;"><i>Liaison Officer</i> Lt. Smithson</p>	<p style="text-align: center;">Operations Section</p> <p style="padding-left: 40px;"><i>Ops Sect. Chief</i> Div. Ch Lester</p> <p><i>Ops Chief / Deputy</i></p>
<p>Agency: Rep Name:</p>	<p><i>Branch / Director</i> Evac Br - BC 4 Nyler</p> <p><i>Branch / Deputy</i></p> <p style="padding-left: 40px;"><i>Division / Group</i> Div A BC 2 Edwards</p> <p style="padding-left: 40px;"><i>Division / Group</i> Div B BC 1 Preslipsky</p> <p style="padding-left: 40px;"><i>Division / Group</i> Div C Capt. Stevens</p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p>
<p style="text-align: center;">Planning Section</p> <p><i>Planning Sect. Chief</i> Div. Ch Cornwell</p> <p style="padding-left: 40px;"><i>Deputy PSC</i></p> <p style="padding-left: 40px;"><i>Resource Unit</i> FF Jones</p> <p style="padding-left: 40px;"><i>Situation Unit</i></p> <p style="padding-left: 40px;"><i>Documentation Unit</i> FF Devilbiss</p> <p style="padding-left: 40px;"><i>Demobilization Unit</i></p> <p><i>Technical Specialists:</i></p>	<p><i>Branch / Director</i> Med Br - Med BC Gayle</p> <p><i>Branch / Director</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p>
<p style="text-align: center;">Logistics Section</p> <p><i>Logistic Section Chief</i></p> <p style="padding-left: 40px;"><i>Deputy LSC</i></p> <p><i>Support Branch Director</i></p> <p style="padding-left: 40px;"><i>Supply Unit</i></p> <p style="padding-left: 40px;"><i>Facilities Unit</i></p> <p style="padding-left: 40px;"><i>Ground Support Unit</i></p>	<p><i>Branch / Director</i> Perimter Br - PDLt Ames</p> <p><i>Branch / Director</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p> <p style="padding-left: 40px;"><i>Division / Group</i></p>
<p><i>Service Branch Director</i></p> <p style="padding-left: 40px;"><i>Communications Unit</i></p> <p style="padding-left: 40px;"><i>Medical Unit</i></p> <p style="padding-left: 40px;"><i>Food Unit</i></p>	<p style="text-align: center;">Air Operations Branch</p> <p><i>Air Ops Branch Dir</i></p> <p><i>Air Attack Grp Supv</i></p> <p><i>Air Support Grp Supv</i></p> <p style="padding-left: 40px;"><i>Helicopter Coord.</i></p> <p style="padding-left: 40px;"><i>Air Tanker Coord.</i></p>
<p>Prepared by Res. Unit: FF Jones</p>	<p style="text-align: center;">Finance Section</p> <p><i>Finance Sect. Chief</i></p> <p style="padding-left: 40px;"><i>Deputy FSC</i></p> <p style="padding-left: 40px;"><i>Time Unit</i></p> <p><i>Procurement Unit:</i></p> <p style="padding-left: 40px;"><i>Comp / Claim Unit</i></p> <p style="padding-left: 40px;"><i>Cost Unit</i></p>

ICS-204 Division Assignment List

Branch Number

Evacuation Branch

Incident Name

Tonna Blvd

Division / Group

DIVISION A

Operational Period

First

OPERATIONS PERSONNEL

Operations Chief: **Div. Ch Lester**

Division / Group Supvr: **BC 2 Edwards**

Branch Director: **BC 4 Nyler**

Air Attack Group Supvr:

RESOURCES ASSIGNED THIS PERIOD

Agency Strike Team / Task Force / Resource Designator	Leader	Personnel	Transport Needed	Drop Off Point/Time	Pick Up Point/Time
E-1	Capt. Dawson	4			
E-3	Lt. Jonas	4			
E-7	Lt. David	4			
T-2	Capt. Darnell	4			
HazMat 1	Capt. Albertson	6			

CONTROL OPERATIONS

**Evacuating homes exposed to chemical
HazMat attempting to seal the leak**

SPECIAL INSTRUCTIONS

**All personnel in full protective clothing and PPE
Limit number of personnel in hot area.**

DIVISION/GROUP COMMUNICATION SUMMARY

		FREQ.	SYSTEM	CHANNEL			FREQ.	SYSTEM	CHANNEL
COMMAND	Local	154.280	AA	1	SUPPORT	Local			
	Repeater					Repeater			
Div/Group TACTICAL					GROUND TO AIR				

PREPARED BY RESOURCE UNIT LEADER

FF Jones

APPROVED BY PLANS SECTION CHIEF

Div. Ch Cornwell

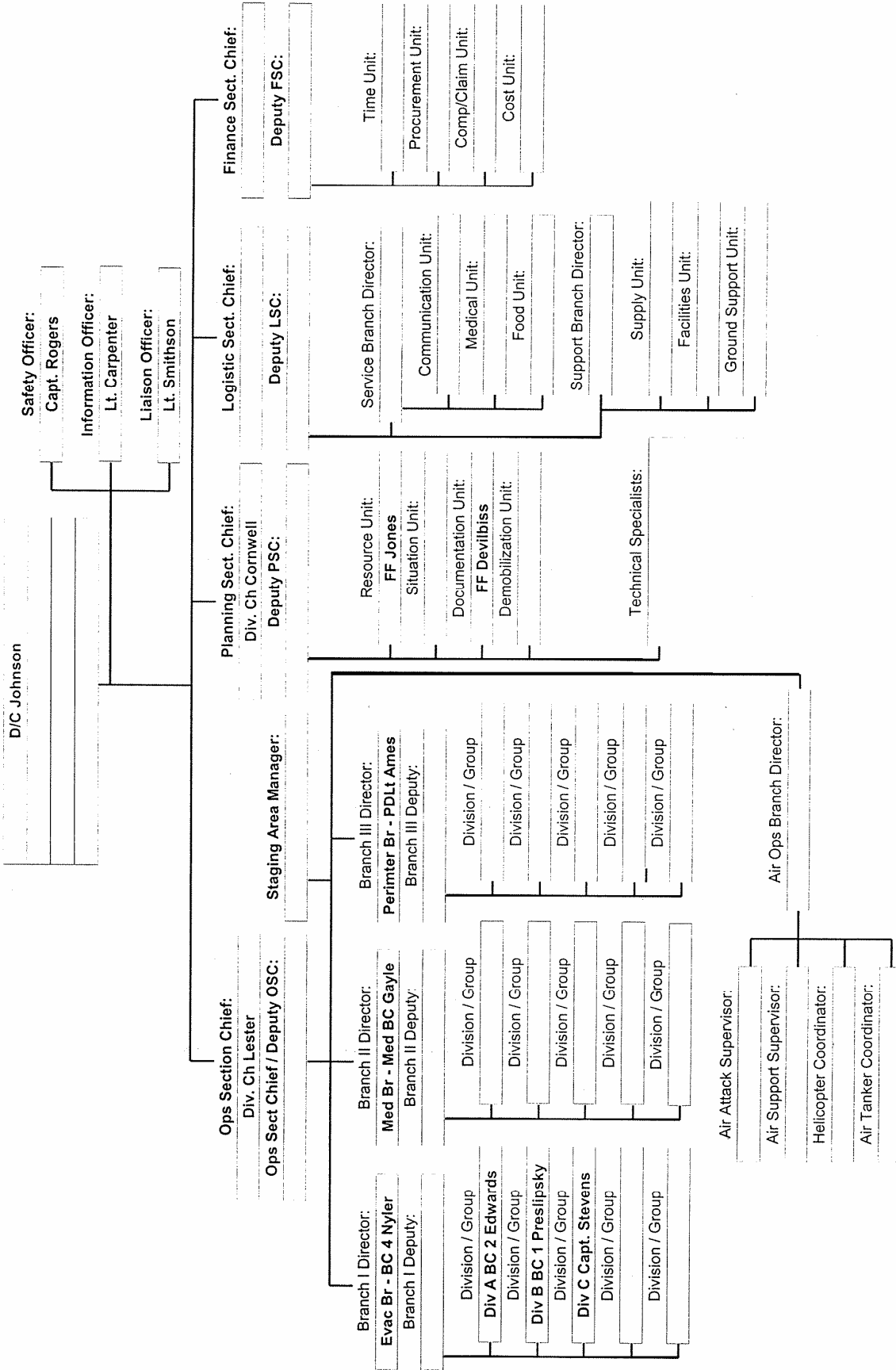
ICS-206 Medical Plan

Incident Name		Date / Time Prepared:	Operational Period	
		4/17/2003 12:06:54 PM		
Incident Medical Aid Stations				
Medical Aid Station	Station Location		Paramedics:	<input checked="" type="checkbox"/>
Aide Station 1	Rose St. & Burton St		Paramedics:	<input checked="" type="checkbox"/>
Aide Station 2	Tonna Blvd & First St.		Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
			Paramedics:	<input type="checkbox"/>
Transportation				
Ambulance Name	Ambulance Service	Ambulance Location		Ambulance Phone
AA County		446 E. Pacific Coast Hwy, Long Beach		(213) 591-3371
				Paramedics: <input checked="" type="checkbox"/>
				Paramedics: <input type="checkbox"/>
				Paramedics: <input type="checkbox"/>
				Paramedics: <input type="checkbox"/>
				Paramedics: <input type="checkbox"/>
				Paramedics: <input type="checkbox"/>
Incident Ambulances				
Incident Ambulance	Incident Ambulance Location			Paramedics:
A-2	Aide Station 1			<input checked="" type="checkbox"/>
A-4	Aide Station 1			<input checked="" type="checkbox"/>
A-6	Aide Station 2			<input checked="" type="checkbox"/>
A-7	Aide Station 2			<input checked="" type="checkbox"/>
				Paramedics: <input type="checkbox"/>
				Paramedics: <input type="checkbox"/>
Hospitals				
Hospital	Hospital Address	Travel Times		Hospital Phone
		Air	Ground	
Fountain Valley Regional	17100 Euclid F.V.			(949) 966-8100
South Coast M.C.	31872 Coast Highway, L.B.			(949) 499-7193
				Helipad <input checked="" type="checkbox"/> Burn Cntr <input checked="" type="checkbox"/>
				Helipad <input checked="" type="checkbox"/> Burn Cntr <input type="checkbox"/>
				Helipad <input type="checkbox"/> Burn Cntr <input type="checkbox"/>
				Helipad <input type="checkbox"/> Burn Cntr <input type="checkbox"/>
				Helipad <input type="checkbox"/> Burn Cntr <input type="checkbox"/>
				Helipad <input type="checkbox"/> Burn Cntr <input type="checkbox"/>
Medical Emergency Procedures				
Treat and transport all injured civilians				
Provide O2 as necessary				
Decon all patients before transporting				
Prepared by Medical Unit Leader Capt. Grimm			Reviewed by SOF Capt. Rogers	

Incident Name: Tonna Blvd
 Operational Period:
 Date / Time Prepared: 4/17/2003 10:55:06 AM

ICS Organization Assignment Chart

Incident Commander:



Prepared by Resource Unit: FF Jones

INTRODUCTION TO COMMAND AND GENERAL STAFF

SITE SAFETY AND CONTROL PLAN ICS 208 HM	1. Incident Name: TONNA BLVD	2. Date Prepared: 4/17/03	3. Operational Period: Time: 1035 FURST									
Section I. Site Information												
4. Incident Location: TONNA BLVD & ROSE ST.												
Section II. Organization												
5. Incident Commander: D/C JOHNSON	6. HM Group Supervisor: CAPT. RAWLINSON	7. Tech. Specialist - HM Reference: FF YOHAN										
8. Safety Officer: CAPT. ROGERS	9. Entry Leader: FF EVERETT	10. Site Access Control Leader: FF WILLIAMS										
11. Asst. Safety Officer - HM: LT. WOMACK	12. Decontamination Leader: FF ELLISON	13. Safe Refuge Area Mgr: FF DONGE										
14. Environmental Health:	15.	16.										
17. Entry Team: (Buddy System)		18. Decontamination Element:										
Name:	PPE Level	Name:	PPE Level									
Entry 1 FF WOODSTOCK	LEVEL 1	Decon 1 FF ELSWORTH	LEVEL 3									
Entry 2 FF ELMER	LEVEL 1	Decon 2 FF MITTEN	LEVEL 3									
Entry 3 FF SUIT	LEVEL 1	Decon 3										
Entry 4 FF CHIN	LEVEL 1	Decon 4										
Section III. Hazard/Risk Analysis												
19. Material:	Container type	Qty.	Phys. State	pH	IDLH	F.P.	I.T.	V.P.	V.D.	S.G.	LEL	UEL
CHLORTETRAFLUOROETHANE	TRIC	3000	LIQUID	N	1010	NONE		.386	.565	---	---	---
Comment:												
Section IV. Hazard Monitoring												
20. LEL Instrument(s):						21. O ₂ Instrument(s):						
22. Toxicity/PPM Instrument(s): RPM-60						23. Radiological Instrument(s):						
Comment:												
Section V. Decontamination Procedures												
24. Standard Decontamination Procedures:										YES: <input checked="" type="checkbox"/>	NO:	
Comment: GAS WILL DISIPATE NATURALLY												
Section VI. Site Communications												
25. Command Frequency: 154.280				26. Tactical Frequency: 154.360				27. Entry Frequency: 154.010				
Section VII. Medical Assistance												
28. Medical Monitoring:			YES:	NO: <input checked="" type="checkbox"/>	29. Medical Treatment and Transport In-place:					YES: <input checked="" type="checkbox"/>	NO:	
Comment:												

Section VIII. Site Map

30. Site Map:



Weather Command Post Zones Assembly Areas Escape Routes Other

Section IX. Entry Objectives

31. Entry Objectives: STOP LEAK

Section X. SOP S and Safe Work Practices

32. Modifications to Documented SOP s or Work Practices: YES: NO:

Comment:

Section XI. Emergency Procedures

33. Emergency Procedures:
FROST BITE - SLOWLY WARM EXPOSED SKIN
ASPHXIATION - O₂

Section XII. Safety Briefing

34. Asst. Safety Officer - HM Signature: *LT. Womack* Safety Briefing Completed (Time): *1130*

35. HM Group Supervisor Signature: *CAPT. BJ Rawlerson* 36. Incident Commander Signature: *D/c Tom Johnson*

ICS-209 INCIDENT STATUS SUMMARY

Date Prepared: 4/17/2003 12:13:07 PM

Initial:

Update:

Final:

1. Incident Name: **Tonna Blvd** 2. Incident Number: 3. Incident Commander: **D/C Johnson** 4. Jurisdiction: 5. County: **AA** Office Reference:

6. Type Incident: **HazMat**

Section: Township: Map Reference:

8. Started (Date/Time):

7. Location:

1 CC

11:00 A.M.

Tonna Blvd & Rose St.

Range: Base MDM Lat:

Long:

9. Cause: **Over-turned tru** 10. Area Involved: **.5 Sq Miles** 11. % Contained: **50%** 12. Expected Containment: **1800** 13. % Controlled: **50** 14. Expected Controlled: **1800**

15. Current Threat:
Toxic by inhalation chemical

16. Control Problems:
Irregular rupture of the tank

17. Est. Loss: **\$0.00** 18. Est Savings: **\$0.00** 19. Injuries: **9** Deaths: **0** 20. Line Built: 21. Line To Build:

22. Current Weather

23. Predicted Weather Next Period:

Current WS: **5-10**

Current Temp: **75**

Predicted WS:

Predicted Temp:

24. Incident Cost Previous Day: **\$0.00**

Current WD: **To Northwest**

Current RH: **22**

Predicted WD:

Predicted RH:

25. Total Cost To Date: **\$0.00**

30 Cooperating Agencies:

Red Cross

31 Remarks:

32 Prepared by: **Lt. Wilson**

33 Approved by: **D/C Johnson**

General Message

Incident Name Tonna Blvd	Incident Number
To: Div. Ch. Cornwell	To Position: PSC
From: D/C Johnson	From Position: IC
Subject: Plan B for Evacuation	Date / Time: 4/17/2003 12:23:48 PM
MESSAGE:	
<p>I need a Plan 'B' for an increased evacuation area should we be unable to stop the leak of this material.</p>	
Signature / Position:	
REPLY:	
Reply Date / Time:	Signature / Position:

ICS-211 Check-In List

Thursday, April 17, 2003 12:50:10 PM

Incident Name: Tonna Blvd
 Incident Number:

Check In Location:

AGENCY	SR/STTF	KIND	TYPE	IDENTIFYING NO / NAME	ORDER NUMBER	REQUEST NUMBER	DATE / TIME CHECK IN	LEADER NAME	PERSONNEL MANIFEST	PERSON / CREW WEIGHT	HOME BASE	DEPART POINT	METHOD OF TRAVEL	INCIDENT ASSIGNMENT	NOTE
									0	No	0				
	SR			BC-2			4/17/2003		0	No	1			Div A	Gasoline
	SR			HM-1			4/17/2003		0	No	1			Div A	Diesel
	SR			T-2			4/17/2003		0	No	1			Div A	Diesel
	SR			E-7			4/17/2003		0	Yes	0			Div A	Diesel
	SR	Eng		E-3			4/17/2003		0	Yes	0			Div A	Diesel
	SR	Eng		E-2			4/17/2003		0	Yes	0			Div A	Diesel

ICS-214 Unit Log

1. Incident Name Tonna Blvd		2./3. Date/ Time Prepared: 4/17/2003 12:26:48 PM	
4. Unit Name/Designators: Eng 3		5. Unit Leader Name/Position: Lt. Jonas	6. Operational Period: First
7. Personnel Roster Assigned			
	Name:	ICS Position:	Home Base:
	Lt. Keith Jonas	E-2 Unit Leader	Station2
	FF. Larry Miller	FF	Station 2
	FF. Robert Murgallis	FF	Station 2
	FF. Hugh Wood	FF	Station 2
Activity Log			
Time	Major Events		
0935	Arrived location Tonna Blvd incident		
0938	Laid supply line from Tonna Blvd & First St.		
0940	Assumed Command		
0942	Started evacuation of houses along Rose Street		
0951	Relieved of Command by BC 2		
1025	Completed search of houses on Rose Street		
1040	Assisted HM 1 with decon		
1800	Relieved from scene and demobilized		

INCIDENT NAME _____
 Thursday, April 17, 2003
 12:45:24 PM
 Operational Period _____

ICS-215 Operational Planning Worksheet

DIV / GRP OR OTHER LOCATION	WORK ASSIGNMENTS	Resource Type	RESOURCES BY TYPE (Show Slike Team as "ST")				PARAMEDICS	HAZMAT	REPORTING LOCATION	REQUESTED ARRIVAL TIME
			ENGINES	TRUCKS	TRUCKS	TRUCKS				
Div A	Evacuation and spill control	REQ:	4	1	2	10		STAGING	1400	
		HAVE:	3	1	1	4				
		NEED:	1	0	1	6				
Div B	Evacuation	REQ:	3	1	4	4		STAGING	1400	
		HAVE:	3	1	0	0				
		NEED:	0	0	4	4				
Div C	Evacuation	REQ:	5	1	4	4		STAGING	1400	
		HAVE:	3	1	0	0				
		NEED:	2	0	4	4				
			TOTAL RESOURCES REQUIRED:	12	3	2	18			
			TOTAL RESOURCES ON-HAND:	9	3	1	4			
			TOTAL RESOURCES NEEDED:	3	0	1	14			

ICS-215

PREPARED BY (Name and Position)

Thursday, April 17, 2003 12:52:36 PM

ICS-218 Support Vehicle Inventory

Date/Time Prepared	Incident Name	Type	Make	Cap/Size	Owner	ID No	Location	Release Date / Time
4/17/2003 12:50:20 PM	Tonna Blvd	Pick-up	GMC	3/4 ton	FD	U-6	Div A	
4/17/2003 12:50:54 PM	Tonna Blvd	Van	Chev	1/2 ton	FD	U-8	Div B	

INTRODUCTION TO COMMAND AND GENERAL STAFF

DEMOBILIZATION CHECKOUT	
1. Incident Name/Number TONNA BLVD Date/Time	3. Demob. No. 1
4. Unit/Personnel Released E-2/Lt. Jonas, FF Miller, FF Murgallis, FF Wood	
5. Transportation Type/No. E-2	
6. Actual Release Date/Time 4/17/03 1800	7. Manifest? <input type="checkbox"/> Yes <input type="checkbox"/> No Number
8. Destination Station 2	9. Notified: <input type="checkbox"/> Agency <input type="checkbox"/> Region <input type="checkbox"/> Area <input type="checkbox"/> Dispatch Name: Date:
10. Unit Leader Responsible for Collecting Performance Rating	
11. Unit/Personnel	
You and your resources have been released subject to sign off from the following: <i>Demob. Unit Leader check the appropriate box</i>	
Logistics Section	
<input type="checkbox"/> Supply Unit	
<input checked="" type="checkbox"/> Communications Unit	
<input type="checkbox"/> Facilities Unit	
<input type="checkbox"/> Ground Support Unit Leader	
Planning Section	
<input checked="" type="checkbox"/> Documentation Unit	
Finance Section	
<input type="checkbox"/> Time Unit	
Other	
<input type="checkbox"/>	
<input type="checkbox"/>	
12. Remarks	
13. Prepared by (include Date and Time) Capt. Ron Howard	

Form 228--Incident Cost Worksheet

Private Resources	Capability	Equipment Cost Per Hour (Includes fuel)	Operator Cost Per Hour Rate (Includes Fringe benefits)	Other
Back Hoe (Tracks)	1.75 Cubic Yard Bucket	142.00	50.00	
Back Hoe Loader 4-wheel Drive	1.0 Cubic Yard Loader	35.00	50.00	
Front-End Loader 4-wheel Drive	5.50 Cubic Yard	115.00	50.00	
Bull Dozer (Tracks)	71 HP	45.00	50.00	
Bull Dozer Mid Size	140 HP	75.00	50.00	
Dump Truck 10 Wheeler	15 Cubic Yards	60.00	45.00	
Dump Trucks 6 Wheeler	7 Cubic Yards	35.00	45.00	
Crane	15 Ton Lift 60' Extension Boom	100.00	50.00	
Crane	113 Ton Lift 50" Extension Boom	250.00	100.00	
Crane	450 Ton Lift 80' Extension Boom	800.00	100.00	
Recycled Concrete (Fine)		10.00 Cubic Yard (Includes loading & delivery)		1 ½ Hour Roundtrip Time
Sand (Fine or Lumpy)		10.00 Cubic Yard (Includes loading & delivery)		1 ½ Hour Roundtrip Time
Sand Bags - Filled		30.00 Cubic Yard (Includes loading & delivery)		1 ½ Hour Roundtrip Time
Broken Concrete		10.00 Cubic Yard (Includes loading & delivery)		1 ½ Hour Roundtrip Time
Salt/Cinders		10.00 Cubic Yard (includes loading and delivery)		1 ½ Hour Roundtrip Time
Foam – All Purpose		500.00 (per 55 gallon drum)		
Containment Boom		100.00 (includes delivery)		
Laborers			40.00	
Portable Lights	30' Tower (6 lights)		17.00 (includes fuel)	
Centrifugal Pumps	4" Diesel Heavy Duty 40,000 GPH		25.00	
Chain Saws	Wood/Metal		2.00	

INTRODUCTION TO COMMAND AND GENERAL STAFF

Local Government Resource	Capability	Equipment Cost Per Hour (Includes fuel)	Operator Cost Per Hour Rate (Includes Fringe Benefits)	Other
Firefighters			35.00	14% Difference between ranks
Pumpers	1500 GPM	125.00	See Firefighter Rate	
Ladder Truck	100' Aerial	150.00	See Firefighter Rate	
Tower Ladder	85' Bucket	160.00	See Firefighter Rate	
Command Cars/Vans		50.00	See Firefighter Rate	
Bunker Gear	Per Set	400.00		
Tyvex Suit	Per Set	40.00		
Dispatchers			30.00	14% Difference between ranks
Police Officers			35.00	14% Difference between ranks
Police Cruiser		50.00	See Police Officer Rate	
EMS Personnel		35.00	See EMS Personnel Rate	14% Difference between ranks
EMS Ambulance		20.00	75.00	
Health Department Personnel		20.00	40.00	
Gas Company Resources		100.00	35.00	
Power Company Resources		100.00	35.00	
Public Works Resources		See Private Resources	35.00	See Private Resources
Public Health Resources		100.00	40.00	
Medical Teams			1500.00 (includes two surgeons-three nurses)	
Engineers			100.00	
Chemist			100.00	

INTRODUCTION TO COMMAND AND GENERAL STAFF

Chain Saws	Concrete		6.00	
Buses	Regular	70.00	40.00	
Buses	Handicapped equipped	75.00	40.00	
Vans (Paratrans)	Eight passenger Handicapped equipped	50.00	30.00	
Tow Trucks	Light Duty	75.00	40.00	
Tow Trucks	Heavy Duty	90.00	40.00	
Porta Potties		5.00 (includes pick-up and delivery)		
Potable Water	5 Gallon Containers	5.00 Per Container (includes delivery)		
Generators	10 K	5.00 (includes pick-up, delivery and fuel)		
Portable Heaters		5.00 (includes pick-up, delivery and fuel)		
Cooled Zone	Portable Air Condition	50.00 (includes pick-up, delivery and fuel)		
Boats	Boston whaler 16'	50.00		
Canoes	12'	20.00		
Rafts	6'	15.00		
Jet Ski/with Trailer		40.00	25.00	

ROCKY MOUNTAIN/GREAT BASIN COORDINATING GROUPS
SUPPLEMENT RM/GBCG 2003-1
EFFECTIVE DATE: 04/18/2003
DURATION: This supplement is effective until superseded or removed.

NWCG HB2_80
Page 2 of 4

**INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK
(NATIONAL WILDFIRE COORDINATING GROUP (NWCG) HANDBOOK 2)
CHAPTER 80 – COST ACCOUNTING AND REPORTING**

83.1 - Automated Cost System

1. Great Basin and Rocky Mountain geographic areas use the Incident Cost Accounting and Reporting System (ICARS). ICARS provides current cost information for the Incident Commander and upward reporting, allowing cost and economic considerations to be included in management decisions. The ICARS process may be used as a cost basis for billing states in cost apportionment situations (when there is a multi-jurisdictional incident) but not for billing normal reimbursable or trespass incidents.

Order Cost Specialists (COSP) with training in ICARS through the normal dispatch system.

88 – EXHIBITS

Great Basin and Rocky Mountain area unit cost factors are listed in exhibit 01.

INTRODUCTION TO COMMAND AND GENERAL STAFF

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**INTERAGENCY INCIDENT BUSINESS MANAGEMENT HANDBOOK
 (NATIONAL WILDFIRE COORDINATING GROUP (NWCG) HANDBOOK 2)
 CHAPTER 80 – COST ACCOUNTING AND REPORTING**

88 - Exhibit 01

DATE: x/xx/2003

RM/GBCG INCIDENT STANDARD ESTIMATE RATES – 2003

RESOURCE DESCRIPTION	DAILY \$ COST			# OF UNITS	TOTAL COST
	HAZARD	NON-HZ	GUAR		
CREWS (20 PERSONS, 14 HOURS)					
FS HANDCREWS (Regulars)	6,210	5,225	2,752	_____	_____
FS HOTSHOTS	5,341	4,528	2,328	_____	_____
AD HANDCREWS	XXXX	4,064	2,635	_____	_____
STATE INMATE CREWS	XXXX	1,162	1,162	_____	_____
FS HELITACK CREW (7 Person)	2,013	1,673	958	_____	_____
TOTAL COST OF CREWS				\$	_____

OTHER PERSONNEL	HAZARD	NON-HZ	GUAR	UNITS	COST
OVERHEAD (Line & Base Camp-14 Hrs)	466	395	208	_____	_____
CASUALS/PICKUP LABOR (12hr/day)				_____	_____
CAMP CREW (Crew of 10 @ 12 Hrs)	XXXXX	1,509	958	_____	_____
DISPATCH (Expanded for incident)	XXXXX			_____	_____
NATIONAL GUARD (Per Person)				_____	_____
BUYING TEAM (6 members @ 12hr/day)	XXXXX	2,289		_____	_____
ADO TEAM	XXXXX			_____	_____
TOTAL COST OF OTHER PERSONNEL				\$	_____

PERSONNEL SUPPORT COSTS*	DAILY ESTIMATE			TOTAL COST
	DAILY	GUAR	UNITS	
AIR TRANSPORTATION TO & FROM INCIDENT				
BUSES (Between station & incident)	800			_____
CATERERS (Approx \$45 per person)				_____
COMMISSARY CONTRACTOR				_____
EQUIP REPAIRS (Not covered by contractor)				_____
FUEL TRUCK W/OPERATOR (Daily Rate)	1,300	1,300		_____
GARBAGE COLLECTION				_____
LAND USE AGREEMENTS				_____
GENERATORS/ELECTRICITY	125			_____
LUBERS W/OPERATOR	888	888		_____
MECHANIC SERVICE TRUCK W/OPERATOR	1,248	1,248		_____
MEDI-VAC AMBULANCE				_____
MINOR MEDICAL TREATMENT (AMPC)				_____
MOBILE OFFICE UNITS				_____
MOTOR GRADERS (w/operator) (12 Hrs)	1,230	820		_____
PICKUP TRUCK-AGENCY (station/incident)	20			_____
PICKUP TRUCKS-PRIVATE W/Driver (12hrs)	64	64		_____
PORTABLE PUMPS	80	80		_____
PORTABLE SHOWERS (Approx \$175/shwr head)				_____
PORTABLE TOILETS INCLUDING SERVICE				_____
POTABLE WATER TRUCK (Daily rate)	1,188	N/A		_____
REFRIGERATOR TRUCKS/TRAILER (No operator)	80	80		_____
SKIDDER (12 Hrs)	960	640		_____
SUPPLIES FROM FIRE CACHE (\$50/pers.day)	50			_____
TELEPHONE SERVICE				_____
WELDER TRUCK WITH OPERATOR	814	814		_____
OTHER				_____
TOTAL PERSONNEL SUPPORT COSTS				\$

*Personnel Support Surcharge (\$120 X total number of personnel) should be used in place of personnel support costs only when the support costs are not available.

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88 - Exhibit 01--Continued

RESOURCE DESCRIPTION	DAILY \$ COST			# OF UNITS	TOTAL COST
	HAZARD	NON-HZ	GUAR		
FIRE FIGHTING EQUIPMENT					
ENGINES FED TYPE 3 (3 person, 14 hrs)	1,126	981	521	_____	_____
ENGINES FED TYPE 4 (3 person, 14 hrs)	1,055	907	447	_____	_____
ENGINES CONT TYPE 1 (14 hrs)	XXXX	1,907	1,907	_____	_____
ENGINES CONT TYPE 2 (14 hrs)	XXXX	1,907	1,907	_____	_____
ENGINES CONT TYPE 3 (14 hrs)	XXXX	1,890	1,080	_____	_____
ENGINES CONT TYPE 4 (14 hrs)	XXXX	1,890	1,080	_____	_____
ENGINES CONT TYPE 5 (14 hrs)	XXXX	1,830	1,040	_____	_____
ENGINES CONT TYPE 6 (14 hrs)	XXXX	1,750	1,000	_____	_____
OTHER ENGINE CREW (Including engine)				_____	_____
DOZERS-CONTRACT (Avg 150-250 HP 12 hrs)	XXXX	1,488	992	_____	_____
DOZERS-USFS W/OPER & TRANSPORT		1,412	XXX	_____	_____
FALLER & SWAMPER (W/saw & trans)	XXXX	787	XXXXXX	_____	_____
FALLER W/ SAW & TRANS (No Swamper)	XXXX	590	XXXXXX	_____	_____
TRANSPORTS/LOWBOYS-CONTRACT (10 hrs)	XXXX	XXXX	588	_____	_____
WATER TENDER (Non-potable fed w/oper)	XXXX	4480	480	_____	_____
WATER TENDER (Non-potable-cont 14 hrs)	XXXX	1645	940	_____	_____
ATV"s (4x4)	XXXX	45	45	_____	_____
		Flight Rate	Daily	# OF	TOTAL
		HOURLY	Availability	UNITS	COST
HELICOPTERS*					
Type 1 Sikorsky/AirCrane (\$10,000-30,000)		7845	8686	_____	_____
TYPE 2 204/205++/205HP/212		2557-3756	890-1006	_____	_____
TYPE 3 407/L-4/B-2/B-3		565	2500	_____	_____
OTHER				_____	_____
CALL WHEN NEEDED HELICOPTERS*					
TYPE 0 with FLIR		XXXXXX		_____	_____
TYPE 1 214 <700 GAL 16+ SEATS		1000-5000	10,000-30,000	_____	_____
TYPE 2 204/5/12 300-700 GAL 10-15 SEATS		900-1200	4802-7032	_____	_____
TYPE 3 500-D, 206 100-300 GAL 5-9 SEATS		400-800	1095-4830	_____	_____
				\$ _____	_____
FIXED WING AIRCRAFT*					
AIR TANKERS TYPE 1 DC-7, P-3		3,272	4285	_____	_____
AIR TANKERS TYPE 2, DC-4, SP-2H, P-2V		2240	3397	_____	_____
AIR TANKERS TYPE 3, S-2			2500	_____	_____
LEAD PLANE/RECON PLANE (Air Attack)		375		_____	_____
RETARDANT*					
FOAM		12.00/gal		_____	_____
POWDER		1243/T		_____	_____
LIQUID		0.80/G		_____	_____
				\$ _____	_____

*Due to the extreme variability of aircraft costs, these costs should be taken from the daily invoice rather than attempting to utilize these estimated rates.

TOTAL COSTS THIS DAY: \$ _____
 TOTAL COSTS OF FIRE FROM PREVIOUS DAYS: \$ _____
 TOTAL COST OF FIRE TO DATE (AS OF END OF PERIOD) \$ _____

