

# Using Google Sheets for IAP Development

<b><u>Table of Contents</u></b>	<b><u>Page</u></b>
Introduction	2
About Google Sheets	2
Accessing Scripts	3
Overview of Fire IAP Menu Items	3
Data Entry and Protected Fields	4
Multiple Line Text Fields	4
Getting Started	5
Generating 204s	6
Creating a Single 204	6
Creating All 204s	6
Building your 204	7
Managing Resource Data	8
Entering Data Directly on the 204	8
Importing from InciNet	8
Check-in Form	10
Check-in Form – sending a link	10
Entering Data directly into the ResourceID Sheet	11
Editing Resource Data	11
Creating Generic Resources	11
Communications Plan	
205 and 205 Worksheet	12

## Introduction

This Google Sheets Application is designed to help an Incident Management Team complete the 202, 203, 204, 205, 206 and Cover page for an IAP more rapidly. It is **strongly recommended** that before using this sheet on an incident that you have an understanding of formulas used in Google Sheets (almost identical to Excel) and you play with this to learn how it can help you, and also learn its limitations.

I cannot claim credit for creating this document. I have built upon the work of others. However, I have created most of the automation within these sheets through formulas and Google Scripts (a version of Java Script). Several people have contributed to this work, including Gabe Garcia (North Bay IMT, Cal Fire IMT 2), Buddy Bloxam (Cal Fire IMT 3), Jeff Dapper (Cal Fire IMT 3) and likely others that I am unaware of.

I consider any modification that I have made to be open source. If you want to tweak it to do something different, go right ahead. You may share this sheet with anyone you wish. Also, my apologies for the hack code – I have not done any professional programming in years and Java Script is my least favorite language.

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## About Google Sheets

Google Sheets is basically Microsoft Excel which runs in a web browser. The functions, features and formula work almost identical to Excel. If you can use Excel, you can use Sheets. There are several features within sheets that make it a great platform for collaborative incident management.

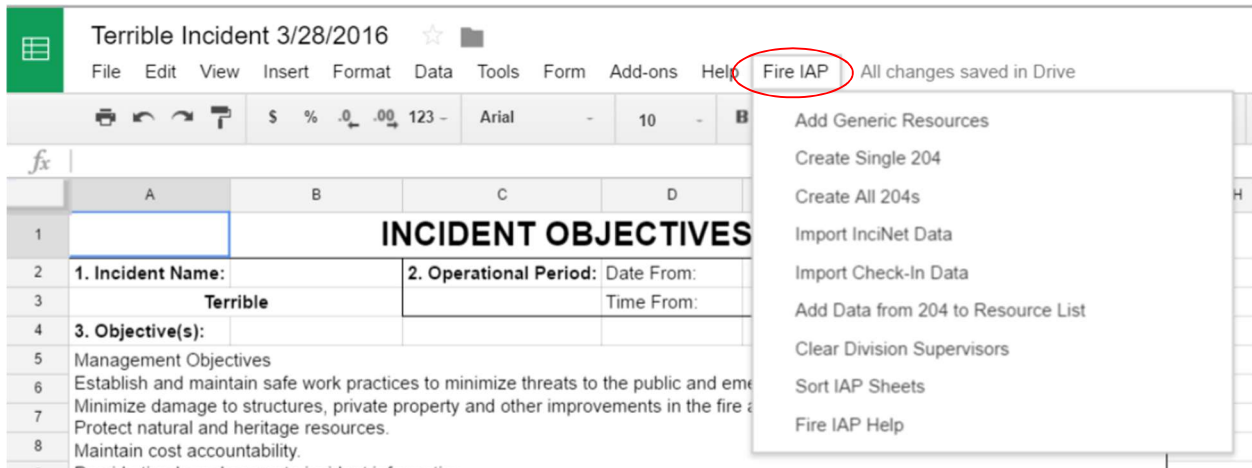
1. Because its web based, everyone is using the same version.
2. It can be shared with anyone for free.
3. Multiple people can be working on the same spreadsheet at the same time.

There are also some drawbacks;

1. You must have an internet connection.
2. Data intensive operations can run slow, particularly with slow Internet.

## Accessing Scripts

The scripts that I have created for use with these sheets are available from the menu at the top of the screen. The function of each script is explained later in this document.



For the most part, the scripts do things that a reasonably experienced Sheets (or Excel) user could do manually. However, the scripts automate the process, reducing the time required and hopefully reducing the chance for error.

## Brief Overview of Fire IAP menu Items

### Add Generic Resources

Adds generic resources into the *ResourceID* list. This enables filling of a 204 with resource that are yet to be filled, such as STC, STA STG, DOZ, etc...

### Create Single 204

Only available from the 203, it creates a 204 for the currently selected Division.

### Create All 204s

This creates a 204 for any division or group identified on the 203. This should only be run once.

### Import InciNet Data

This allows you to paste data from InciNet or Ross onto a sheet (InciNet) and then import that data into the *ResourceID* List.

### Import Check-In Data

The Fire IAP application has the availability to have someone remotely enter Check-In information from a phone, tablet or PC. The information is not directly placed into the *ResourceID* list. This menu function moves it from the Check-In List to the Resource List avoiding duplicate entries.

## Brief Overview of Fire IAP menu Items (continued)

### Add Data from 204 to Resource List

Resource information can be entered directly on to the 204, even though it is not in the Resource List. This menu item captures data from the 204 that is not already on the Resource list and places it on the Resource List. It then restores the formulas normally present on the 204.

### Clear Division Supervisors

It simply clears all of the Division Supervisor fields, so new ones can be entered.

### Sort IAP Sheets

Sorts all sheets numerically, then Alphabetically.

### Fire IAP Help

Pulls up this document from the web and opens it in a separate window.

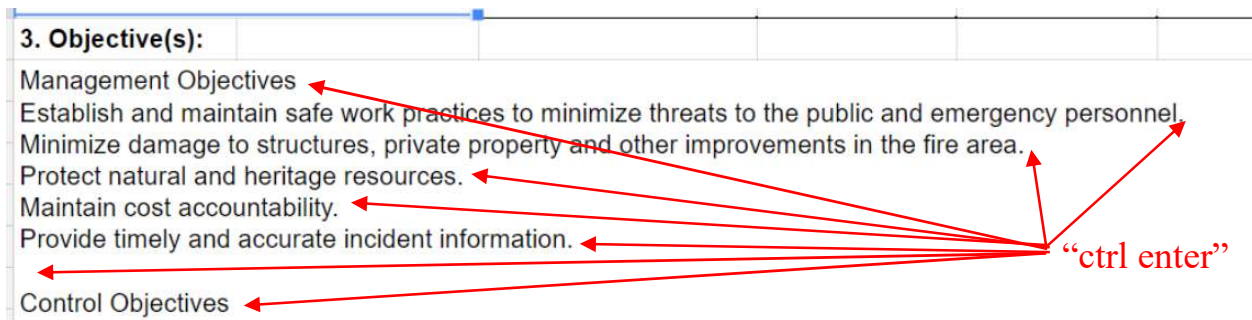
This document is also available at [www.nbimt.org/nims\\_iap\\_help.pdf](http://www.nbimt.org/nims_iap_help.pdf)

## Data Entry and Protected Fields

All of the pages are designed to have data entry fields, as well as title fields and fields that contain formulas. Generally, you should not overwrite titles or formulas. However, sometimes it may be necessary, you may not like a title or you may want to change a formula, or the formula is just not giving you what you want. If you attempt to change a protected field, you will get a warning. However, you will be able to change it. There are no cells within these sheets that don't allow change.

## Multiple Line Text Fields

Most of the sheets contain fields that have multiple lines on them. In order to insert a carriage return or line break, use "ctrl enter" instead of enter to create a new line. Also, Tabs do not work in text fields.



The screenshot shows a spreadsheet cell containing a multi-line text field. The text is as follows:

<b>3. Objective(s):</b>				
Management Objectives				
Establish and maintain safe work practices to minimize threats to the public and emergency personnel.				
Minimize damage to structures, private property and other improvements in the fire area.				
Protect natural and heritage resources.				
Maintain cost accountability.				
Provide timely and accurate incident information.				
Control Objectives				

Red arrows point from a label "ctrl enter" to the end of each line of text in the multi-line field, indicating how to insert a carriage return.

## Getting Started

The best place to start is the 202. The *Incident Name*, *Date*, and *Operational Period* information entered on the 202 will be auto-populated onto the *Cover sheet*, the 203, 204s, 205 and 206.

A	B	C	D	E	F	G
<b>INCIDENT OBJECTIVES (ICS 202)</b>						
<b>1. Incident Name:</b>		<b>2. Operational Period:</b> Date From:		7/30/2015	Date To:	7/31/2015
Terrible		Time From:		0800	Time To:	0800
<b>3. Objective(s):</b>						
Management Objectives						
Establish and maintain safe work practices to minimize threats to the public and emergency personnel.						

Once these five fields on the 202 are filled, the RESL can work on the 203 and 204s. Much of the 204 will be filled from the 203 and there is a script available to generate the 204's that you need. In the diagram below, the fields highlighted in yellow are the fields that will be auto-filled into the 204.

<b>ORGANIZATION ASSIGNMENT LIST (ICS 203)</b>						
<b>1. Incident Name:</b>		<b>2. Operational Period:</b> Date From:		7/30/2015	Date To:	7/31/2015
Terrible		Time From:		0800	Time To:	0800
<b>3. Incident Commander(s) and Command Staff:</b>			<b>7. Operation Section:</b>			
IC/UC's Rich Solamon			Chief Jeff Hickney			
Deputy Joe Nicks			Deputy Alfred Meantle			
Safety Officer Bob Resol			Night Ops Jill Garland			
Public Info Officer Len Hicks			Staging Area			
Liaison Officer Fred Anderson			Branch I		Director:	Paul Oster
			Division/Group A		Ken Bracken	
			Division/Group B		Helen James	
			Division/Group X		Lester Pope	
<b>4. Agency/Organization Representatives:</b>						
Agency/Organization		Name		Division/Group		
Sheriff Office		Rob Alvedo		Division/Group		
PG&E		Carrie Mann		Branch II		Director: Lou Billings
OES		Logan Hall		Northern Structure		Jim Varenti
				Division/Group M		Arthur Scull

The orange square indicates what fields are auto-populated from the 202. The red squares indicate which fields from the 203 will be auto-populated onto the 204.

I'm not going to explain how to fill-in a 203. If you are a RESL, you should know how to do that. From the diagram above, you should be able to figure out which fields are fillable. If you try to enter information into a non-fillable field, you will get a warning. However, it will allow you to change it.

I would caution against moving any of the fields on the 203 that provide auto-fill information to the 204. If you have to move fields, you should do it after you have generated the 204s and you should understand how formulas in Sheets work. Generally, if you are altering the form, do it using "Insert" or "Cut and Paste", rather than "Copy and Paste". This will move the formulas with the information. Conversely, if you are re-assigning a person or resource, use "Copy and Paste", otherwise the formula will move with the person or resource.

## Generating 204s

There are two ways that you can generate 204s. You can either generate all the needed 204s at once or, you can generate them individually. Doing them all at once (**Create All 204s**) is easier, as it requires one click and it puts the 204s in order. When you use the **Create 204** function, it creates the 204 for the currently selected division. It places the newly created 204 in the second tab position, usually just to the right of the 203.

### Create a single 204

To create a 204 for a single division, select the letter designator for that division. From the **Fire IAP** menu, select **Create 204**. The 204 will be generated and placed in the second tab position. If there is already a 204 tab for the selected division, you will get an error message advising you of such and asking that you enter a different name. The new 204 tab will still be created. However, it will be named “Copy of Blank 204.x”, with x being a generated number. You should rename the tab to suit your needs.

The screenshot shows the 'Fire IAP' menu open over a spreadsheet. The 'Create Single 204' option is circled in red. A red box on the right contains the text: 'Select a Division first. Then select “Create Single 204” from the “Fire IAP” menu.' The spreadsheet below shows a table with columns for Branch, Division/Group, and Director.

Branch	Director:
Division/Group A	Ken Bracken
Division/Group B	Helen James
Division/Group X	Lester Pope

### Creating all 204s

The screenshot shows the 'Fire IAP' menu open over a spreadsheet. The 'Create All 204s' option is circled in red. The spreadsheet below shows a table with columns for Branch, Division/Group, and Director.

Branch	Director:
Division/Group A	Ken Bracken
Division/Group B	Helen James
Division/Group X	Lester Pope

To create 204s for all divisions and groups, select **Create All 204s** from the **Fire IAP** menu. It does not matter what cell is selected, nor which sheet you are on. The script will generate 204s for any division on the 203 which has a designator in the Division ID field. Again, if there is an existing 204 sheet for a division, you will receive an error message, but the tab will be created with a “Copy of Blank 204.x” name. The sheet tabs will be ordered by their position on the 203 with the bottom of the tab color-coded by branch.

## Building your 204

The information in the top portion of your 204 is filled by formulas pulling information from the 203 and the Safety sheet. You should not have to enter any data above the Resources assigned.

	A	B	C	D	E	F	G	H	I	J
1	<b>ASSIGNMENT LIST (ICS 204)</b>									
2	<b>1. Incident Name:</b>			<b>2. Operational Period:</b>				<b>3.</b>		
3	Terrible			Date From:	07/30/15	Date To:	07/31/15			
4				Time From:	0800	Time To:	0800	Branch:	I	
5	<b>4. Operations Personnel:</b>		Name		Contact #			Division/Group:		A
6	Operations Section Chief:		Jeff Hickney	Night Ops:		Jill Garland				
7	Branch Director:		Paul Oster		Branch Safety:		Allen Thompson			
8	Division/Group Supervisor:		Ken Bracken					Staging Area:		

The *Night OPS* and *Branch Safety* are optional fields. If you don't have them filled on the 203 or the Safety sheet, they will not appear on the 204.

To enter resources, select a cell in the left column and begin typing a *resource identifier*. As you type, the drop down menu will narrow its search choices based on information in the resource list as shown below. You may type any part of the resource name. As an example, instead of typing "stc scu" as shown below, you could simply type the strike team number as "scu", or just the strike team designator, such as "9241". Once you select the resource, the *leader*, *personnel*, *Contact* and times will be automatically filled.

5. Resources Assigned:				
Resource Identifier	Leader	Number of Personnel	Contact (phone, radio freq, etc.)	Reporting Location, Special Equipment, Remarks, Notes, and Information
STC XMR 2141C	Tim Grasp	21		0700-0700
STG LNU 9412G	Jon Mantly	19		0700-0700
STC LNU 9160C	Ken Renner	20		0700-0700
STC XSN 2150C	Ben Upham	21	707-555-1212	0700-0700
scu				
STG SCU 9241G				
STC SCU 9155C				

If you need to make changes to the leader name, number of persons, drop off or pick up times, it is best to do that on the *ResourceID* sheet and not on the 204. All of these cells use formulas to render their information. If you change information on the 204, you will overwrite the formula. If you do overwrite a formula, you can replace it by copying and pasting from a cell either above or below it (providing that cell has not been altered).

All of the Communications data on your 204 will be pulled from the *205 Worksheet*. No communications information should be added on the 204.

8. Communications (radio and/or phone contact numbers needed for this assignment):							
Name	Ch	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
CDF Cmd 11	1	COMMAND	151.1675	103.5 (T8)	159.3975	162.2 (T15)	
CDF Tac 24	2	Div A/B	151.3175	192.8 (T16)	151.3175	192.8 (T16)	
Calcoord	9	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
CDF A/G 1	10	AIR TO GROUND	151.2200		151.2200		
CDF GUARD	11	EMERGENCY	168.6250		168.6250		
<b>9. Prepared by: Name:</b>			Pos/Title:	RESL	Signature: _____		
ICS 204	IAP Page _____		Date/Time:	7/30/2015 0120			

## Managing Resource Data

One of the most time-saving features of this Google Sheets 204 is the ability to select resources via a pull down menu. However, in order to have resources available in the pull-down, the resource information must be in the “*Resource ID*” list.

Resource data can be entered in four different ways;

Manually on the 204 (then imported to the *Resource ID* List).

Manually on the *Resource ID* List.

Imported from the “Incident Check-In” sheet.

Imported from an export from InciNet or ROSS.

## Entering Data Directly on the 204

One of the easiest way to input data in the early part of an incident is to add it directly into the 204. Normally, when you enter a *Resource ID* into the *Resource Identifier* column of the 204, the *Resource ID* will appear in the selection list and the associated fields will auto-populate once it is selected. However, if the ID is not in the *Resource ID* list, the small arrow in the *Resource Identifier* field will turn red and the associated fields will not auto-populate.

You can continue to enter the Resource information into the associated fields, overwriting the formulas. Once you have entered all resources on the 204, select “*Add Data from 204 to resource List*” from the *Fire IAP* menu. The new resources will be added to the resource list. The small error arrow will disappear. The associated fields will become blank for a moment and then repopulate as the formulas are restored.

5. Resources Assigned:		Number of Personnel	Contact (phone, radio freq, etc.)
Resource Identifier	Leader		
STC XMR 2141C	Tim Grasp	21	
STG LNU 9412G	Jon Mantly	19	
STC LNU 9160C	Ken Renner	20	
STC XSN 2150C	Ben Upham	21	707-555-1212
STC SCU 9155C	Brian Mulhearn	22	605-675-7654

If a resource is entered which does not exist in the Resource List, the resource will be tagged with a small red triangle in the corner of the Resource Identifier field. You may fill in the associated fields and select “*Add Data from 204 to resource List*” from the *Fire IAP* menu.

## Importing Data From InciNet

The easiest way to get data from InciNet is to have it exported to an Excel file and then Copy and Paste the data from Excel to Sheets.

Prior to Copy and Pasting, make sure that your InciNet tab is completely empty.

Open your InciNet export in **Excel**. There are different exports from InciNet. If the top of your export looks like the diagram below, you don’t need to make any changes prior to Copy and Paste.

REQUEST NUMBER	RESOU RCE ID	ROSS RESOURCE NAME	TOTAL PERSONNEL	LEADE R	STAT US	COMME NTS	HOME AGENCY	LAST DAY OFF	TARGET ASSIGNMENT	CHECK-IN LOCATION	TRAVEL DISTANCE	CLASSIFICA TION	VEHIC LE	DV BE
C-6	STG MEU 9110G	CREW S/T - T1 - 9110G	32	Boyer, Tom	Arrive d		CAMEU	8/31/2015	Crew, Strike Team, Type 1	Check-In	222			N



If the top of your export looks like the diagram below, you will need to insert a blank column between the RESOURCE ID and the TOTAL PERSONNEL columns PRIOR to pasting into Sheets.

REQUEST NUMBER	RESOURCE ID	TOTAL PERSONNEL	LEADER	TARGET ASSIGNMENT
C-1	STG MEU 9115G	34	Glenn, Jeremy	Crew, Strike Team, Type 1

If your export looks different than either of these, you will have to arrange your data as described below: (technically, you could paste data from any source, so long as it was arranged like below)

Column A = Request Number

Column B = Resource ID

Column C = Not Used

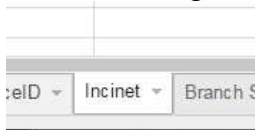
Column D = Total Personnel

Column E = Leader Name

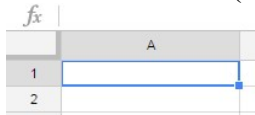
### Copy and Paste

In Excel, select the entire exported spreadsheet. ctrl-A should select all filled cells. However, this doesn't work in all versions of Excel. Alternately use shift-ctrl-end and shift-ctrl-pgdn. Make sure the entire data area is selected. Press ctrl-C (or select Copy from the Edit menu).

Return to Google Sheets and select the InciNet tab.



Move to cell A:1 (Top Left).



Press ctrl-V (or select Paste from the Edit menu).

Your sheet should look something like the diagram below.

	A	B	C	D	E
1	REQUEST NUMBER	RESOURCE ID	ROSS RESOURCE NAME	TOTAL PERSONNEL	LEADER
2	C-9	STG MEU 9110G	CREW S/T - T1 - 9110G	32	Bryner, Dean
3					
4		CLASSIFICATION	VEHICLE	TRAVEL DISTANCE	VEHICLE1
5				222	
6					
7			CLASSIFICATION	VEHICLE	TRAVEL DISTANCE
8					222
9					222
10					222
11					222

After the paste operation is finished, you can import the InciNet data into your Resource ID sheet by selecting **Import InciNet Data** from the **Fire IAP** menu. The import may take 2-3 minutes. Be patient. During the import, the script will attempt to clean up the information from InciNet and make it a little more friendly with the following enhancements:

1. The Request Number is added to the Resource ID for all PVT resources.
2. Forest Service crews and equipment are defaulted to 16 hour shifts.
3. ICS Qualification Codes are added to Resource ID for common positions
4. Request number is added to the Resource ID for line overhead positions.

## Check-in Form

### Check In - Add Resource

\* Required

#### Request Number

Generally, Crew = "C", Equipment "E" and Overhead = "O". Examples: C-88, E-104, O-55. If the Request number is not known, or you are unsure, leave it blank.

#### Resource ID \*

First 3/4 letters is the type of resource: CRW, DOZ, STC, STA, W/T, T/F, FOBS, FEMT, HEQB, ETC... Next 3 letters: Agency ID: LNU, HJU, SHF, SOM, MRN, XSN, OCS, or PVT for private. Next set is variable and is the resource ID such as 9141C, 9262G, E23, TF1, Brush 23, ETC... Examples: CRW LNU DELTA 1, STA, XSC 2312A, STC BDU 9352C, DOZ PVT JENNINGS

#### Leader Name

First Last

#### Number of Personnel

Total number of personnel in resource

#### Work Cycle

Is the resource a 24 or 12 hour resource? Select 0700 for 24 hour resources and 1900 for 12 hour resources.

- '0700  
 '1900

#### Assigned to:

This is for units checking in on the line

#### Checked In By:

Enter your Request Number or Name.

Submit

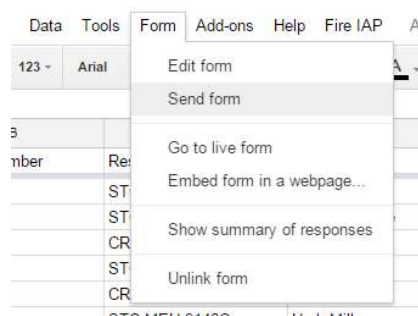
Never submit passwords through Google Forms.

The Check-In form provides a way for multiple people at various locations to provide resource data input. The Check-In form can be either emailed to users and a url can be provided. The can be useful for someone at a staging area, at the breakouts after briefing or out on the line. Information entered into the Check-In is dropped onto the Check-In sheet and can imported into the ResourceID sheet.

The Check-In form can be used on any laptop, tablet or smart-phone that has Internet connectivity.

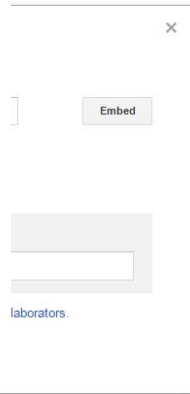
While getting the most available information is desired, the only required field is the Resource ID field. All other fields are preferred but, not mandatory. If unsure about the Request Number, it is best just to leave it blank. Having an incorrect Request Number may cause another resource to not be imported.

## Sending a Check-In link



In order invite someone to use the Check-In form, click on the Check-In sheet, select **Send form** from the **Form** menu.

You can either copy the link and share it with your recipient, or enter their email address in the area provided. If you choose email, a link will be included as well. The link is more dependable than the emailed form.



## Entering Data Directly into the ResourceID Sheet

The third way to enter data is to enter it directly into the *ResourceID* sheet. This can be done by anyone with full access to the sheet.

628	E-156	STC MEU 9140C	Herb Miller	19	0700	0700
629	O-145	DIVS THOMAS	Jack Thomas	1	0700	0700
630	E-123	STA XMR 2145A	Mike St John	19	0700	0700
631	E-223	STC XMY 3452C	Frank Hallett	20	0700	0700
632	E-98	STC BDU 9143C	Paul basket	17	0700	0700
633		ENG 245	Glenn Hail	3	0700	0700
634						
635						

To enter data, click on the *ResourceID* tab. Scroll to the bottom of the data and enter the data on the first empty line as exemplified below.

## Editing Resource Data

The Resource Data Sheet is also the best place to make modification to your data. If you need to change information such as a leader's name, number of personnel or you need to format the *Resource ID* to fit better on the 204, this is the place to do it.

If you make changes to the *Leader*, *Number of Personnel* or the assigned times, it will update immediately on the 204. If you update the *Resource ID*, you will have to reselect it on the 204.

Changes that you make on the *ResourceID* list will not change when you import or re-import inciNet data. When you import InciNet data the script reads each resource from the InciNet Sheet and looks for an existing resource within the *ResourceID* list. If it finds an existing *ResourceID* record, it will move on the next record without altering the *ResourceID* Sheet.

## Creating Generic Resources

Before resource identifiers are known, you may want to develop 204s for resources to be assigned at briefing. To create a list of generic resources, select **Add Generic Resources** from the **Fire IAP** menu.

	A	B	C
1	Request Numbe	Resource ID	Leader Name
2		STA	
3		STC	
4		STF	
5		STG	
6		STL	
7		CRW	
8		DOZ	
9		ENG	
10		DIVS	
11		HEQB	
12		FALM	
13			

The resources shown to the left will be created in your resource list.

## 205 and 205 Worksheets

No information should be added directly on to the 205. The 205 is filled entirely from the 205 Worksheet.

The 205 Worksheet, while similar in appearance to a 205, has to be laid out slightly different to allow data lookup for other forms. The 205 worksheet also has the ability to lookup commonly used channels or frequencies.

On the 205 Worksheet only enter information in the areas shown in yellow. All other fields are static or lookup fields.

COMMUNICATIONS WORKSHEET			This sheet is designed to input COMMs information that will display on the 205 and the 204s. Do not enter information directly on the 204s or 205. Read the instructions below.						
1. Incident Name: Terrible			2. Date/Time Prepared Date: 3/22/2015 Time: 0100		3. Operational Period: Date From: 07/30/15 Date To: 07/31/15 Time From: 0800 Time To: 0800				
4. Communications			Assignments, Functions, Frequencies						
204 Assignment	205 Order	Name	205 Assigned	Function	Rx Freq	Rx Tone	Tx Freq	Tx Tone	Notes
COMMAND	1	CDF Cmd 11	COMMAND	Command	151.1675	103.5 (T8)	159.3975	162.2 (T15)	
MEDICAL	9	Calcoord	MEDICAL	Medical	156.0750	156.7 (T6)	156.0750	156.7 (T6)	
AIR TO GROUND	10	CDF A/G 1	AIR TO GROUND	Tactical	151.2200		151.2200		
EMERGENCY	11	CDF GUARD	EMERGENCY	Emergency	168.6250		168.6250		
A	2	CDF Tac 24	Div A/B	Tactical	151.3175	192.8 (T16)	151.3175	192.8 (T16)	
B	2	CDF Tac 24	Div A/B	Tactical	151.3175	192.8 (T16)	151.3175	192.8 (T16)	
C	4	CDF Tac 25	Div C	Tactical	159.3525	192.8 (T16)	159.3525	192.8 (T16)	
D	3	VTAC11	Div D	Tactical	151.1375		151.1375	156.7 (T6)	

The “204 Assignment” column identifies what and where information will be placed on the corresponding 204. This column will not print on the 205. The information in the column should match the Division or Group name exactly. If two divisions are sharing a tactical channel, each should have its own line, but the sharing should be noted in the “205 Assigned” column (as the A/B example above).

The 205 Order column establishes the order that the channels will print on the 205. This should match your programming for the BK radios. If two lines share a 205 order number, only the first will print (again, note the A/B example).

3	VTAC11	Div D	Tactica
5	VTAC14	Div E	Tactica
6	VFIRE	Div X	Tactica
8	VFIRE 21	Div M	Tactica
7	VFIRE 22	Northern Structure	Tactica
	VFIRE 23		
	VFIRE 24		
	VFIRE 25		
	VFIRE 26		

The *Name* column is the Channel/Frequency identifier. This is a drop-down selection list, based on what you start to type – as in the example to the right, if you were to type “vfire” you would see the available Vfire Channels. When you select a channel, the frequency and tone information will be auto-populated to the rest of the form. The Channels are pulled from the “205 Channels” sheet. You may add additional channels on that sheet.

The 205 Worksheet allows for up to 25 channels, with 20 printable on the actual 205. If you need more than 25, you can insert a row and copy the row above. The same is true for the 205. However, with the 205, you may run into printing issues.

	A	B	C	D	E	F	G	H	I	J	
1											
2	<b>COMMUNICATIONS WORKSHEET</b>										
3	<b>1. Incident Name:</b>				<b>2. Date/Time Prepared</b>		<b>3. Operational Period:</b>				
4	Terrible				Date:	3/22/2015	Date From:	07/30/15	Date To:	07/31/15	
5					Time:	0100	Time From:	0800	Time To:	0800	
6	<b>4. Communications</b>				<b>Assignments, Functions, Frequencies</b>						
7	<b>204 Assignment</b>	<b>205 Order</b>	<b>Name</b>	<b>205 Assigned</b>	<b>Function</b>	<b>Rx Freq</b>	<b>Rx Tone</b>	<b>Tx Freq</b>	<b>Tx Tone</b>	<b>Notes</b>	
8	COMMAND	1	CDF Cmd 11	COMMAND	Command	151.1675	103.5 (T8)	159.3975	162.2 (T15)		
9	MEDICAL	9	Calcoord	MEDICAL	Medical	156.0750	156.7 (T6)	156.0750	156.7 (T6)		
10	AIR TO GROUND	10	CDF A/G 1	AIR TO GROUND	Tactical	151.2200		151.2200			
11	EMERGENCY	16	CDF GUARD	EMERGENCY	Emergency	168.6250		168.6250			
12	A	2	CDF Tac 24	Div A/B	Tactical	151.3175	192.8 (T16)	151.3175	192.8 (T16)		
13	B	2	CDF Tac 24	Div A/B	Tactical	151.3175	192.8 (T16)	151.3175	192.8 (T16)		
14	C	4	CDF Tac 25	Div C	Tactical	159.3525	192.8 (T16)	159.3525	192.8 (T16)		
15	D	3	VTAC11	Div D	Tactical	151.1375		151.1375	156.7 (T6)		
16	E	5	VTAC14	Div E	Tactical	159.4725		159.4725	156.7 (T6)		
17	X	6	VFIRE 23	Div X	Tactical	154.2950		154.2950			
18	M	8	STA-1	Div M	Tactical	151.2575	192.8 (T16)	151.2575	192.8 (T16)		
19	Northern Structure	7	STA-2	Northern Structure	Tactical	151.3925	192.8 (T16)	151.3925	192.8 (T16)		
20	EMERGENCY	20	CDF GUARD	EMERGENCY	Emergency	168.6250		168.6250			
21	?										
22	?										

The 205 Worksheet above would print as the 205 below.

<b>ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN</b>									
<b>1. Incident Name:</b>			<b>2. Date/Time Prepared</b>			<b>3. Operational Period:</b>			
Terrible			Date:	3/22/2015	Date From:	07/30/15	Date To:	07/31/15	
			Time:	0100	Time From:	0800	Time To:	0800	
<b>4. Communications</b>			(radio and/or phone contact numbers needed for this assignment):						
<b>Ch#</b>	<b>Function</b>	<b>Name</b>	<b>Assigned To</b>	<b>Rx Freq</b>	<b>Rx Tone</b>	<b>Tx Freq</b>	<b>Tx Tone</b>	<b>Notes</b>	
1	Command	CDF Cmd 11	COMMAND	151.1675	103.5 (T8)	159.3975	162.2 (T15)		
2	Tactical	CDF Tac 24	Div A/B	151.3175	192.8 (T16)	151.3175	192.8 (T16)		
3	Tactical	VTAC11	Div D	151.1375		151.1375	156.7 (T6)		
4	Tactical	CDF Tac 25	Div C	159.3525	192.8 (T16)	159.3525	192.8 (T16)		
5	Tactical	VTAC14	Div E	159.4725		159.4725	156.7 (T6)		
6	Tactical	VFIRE 23	Div X	154.2950		154.2950			
7	Tactical	STA-2	Northern Structure	151.3925	192.8 (T16)	151.3925	192.8 (T16)		
8	Tactical	STA-1	Div M	151.2575	192.8 (T16)	151.2575	192.8 (T16)		
9	Medical	Calcoord	MEDICAL	156.0750	156.7 (T6)	156.0750	156.7 (T6)		
10	Tactical	CDF A/G 1	AIR TO GROUND	151.2200		151.2200			
11									
12									
13									
14									
15									
16	Emergency	CDF GUARD		168.6250		168.6250			
17									
18									
19									
20	Emergency	CDF GUARD		168.6250		168.6250			
<b>5. Special Instructions</b>									
All personnel working near repeater sites should wear tinfoil hats.									
<b>6. Prepared by (Communications Unit Leader): Name:</b>				<b>Scott Turnquist</b>		Signature: _____			
ICS 205						Date/Time: _____			