



NIMS IAP

A Free Tool for Developing Incident Action Plans

www.nimsiap.org

Using NIMS IAP Google Sheets Application

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Introduction

This Google Workbook is designed to help an Incident Management Team complete the 202, 203, 204, 204A (briefing sheet) 205, 206, 207, 208, 209, 211, 214, 215, 215A, 220, 230, 233, weather, and Cover page for an IAP more rapidly. It is **strongly recommended** that before using this application 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.

This documentation is not intended to be a help file on how to fill-out NIMS ICS forms but, rather to help you with the particularities of the NIMS IAP application. If you need help with how to fill out ICS forms, refer to the FEMA web site (<https://training.fema.gov/icsresource/icsforms.aspx>).

I cannot claim credit for creating this workbook entirely. 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 JavaScript). Several people have contributed to this work, including Gabe Garcia (North Bay IMT, Cal Fire IMT 6), Buddy Bloxam (Cal Fire IMT 3), Jeff Dapper (Cal Fire IMT 3), Gwyndolyn Ozard (Cal Fire IMT 4), Kyle O'Neil (Cal Fire IMT 2), John Owen (Fed Team 4), Michael Towns (Fed Team 6), Jeff Davidson (North Bay IMT), and likely others that I am unaware of.

I consider the entire NIMS IAP to be open source. If you want to tweak it to do something different, go right ahead. You may share this worksheet or the NIMS IAP web site (nimsiap.org) with anyone you wish. I have tried to make the JavaScript coding as simple as possible and I have tried to make it fully “commented” it as well.

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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. It is platform independent – Windows, Mac, Linux, Android, iPad, iPhone.
4. Multiple people can be working on the same spreadsheet at the same time.
5. People can work remotely

There are also some drawbacks;

1. You must have an internet connection (although you can run it on a single computer without internet – This requires some setup prior to having no Internet. See appendix C).
2. Data intensive operations can run slow, particularly with slow Internet.
3. Google limits the amount of processing (generally not an issue).

Accessing Scripts

The automation 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. It should be noted that by default, Google limits Apps Script processing time to six minutes. Most scripts will not take anywhere near the six minute limit. However, on very large fires you may run up against this limit. There are recommendations later in this document on how to be more efficient with imports. You may also upgrade to a commercial Google account which will extend your time limit to 30 minutes.

The screenshot shows a Google Sheets document titled "Boyle IAP 9-10 and 11-2024". The menu bar includes "File", "Edit", "View", "Insert", "Format", "Data", "Tools", "Extensions", and "Help". The "Extensions" menu is open, showing "NIMS IAP Main" (highlighted with a red circle), "IAP Resources", "IAP Import", "IAP GoTo", and "IAP Help". The "NIMS IAP Main" sub-menu is also open, listing scripts such as "Create Single 204", "Create All 204s from 203", "Create All 204s from 203A", "Add Page to Current 204", "Reset all 204s to a single page", "Delete All 204s", "Build Briefing Sheets - 204A", "Delete Briefing Sheets - 204As", "Build Virtual T-Cards", "Add Additional 211 page", "Estimate IAP Printing", "Record 204 Assignments to Resource IDs", and "Update Weather Page".

The spreadsheet data is as follows:

| A | B | C | D |
|--|---|------|-----------|
| NIMS IAP General Information | | | |
| Incident Name: | BOYLES | | |
| Incident Start Date & Time: | 9/8/2024 | 1415 | |
| Incident Number | CA-LNU-017283 | | |
| P-Code | | | |
| Op Period Title | OPERATIONAL PERIOD | | |
| Other Info (bottom box) | | | |
| Operational Period: Date From: | | | 9/10/2024 |
| | Time From: | 0700 | |
| Show Day of Week on IAP Cover | <input type="checkbox"/> | | |
| Date / Time Prepared: | 9/9/2024 | | |
| Link: Main Cover Logo: | | | |
| Link: Corner Logo (IMT): | | | |
| QR Link for IAP Cover: | | | |
| | Place the URL of your QR code or the URL of a... electronically. A QR code will be generated on the Cover Page Tab using the Google Sheets Insert | | |
| *Enter address, location or Lat/Long to generate a weather/sunrise/sun | | | |

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

Brief Overview of NIMS IAP menu Items

NIMS IAP Main

Create Single 204

Only available from the 203, it creates a 204 for the currently selected Division, Group or Staging area

Create All 204s from 203

This creates a 204 for any division or group identified on the 203. If this is run after other 204s have been created, it will create only the missing 204s.

Create All 204s from 203A

This creates a 204 for any division or group identified on the 203A. If this is run after other 204s have been created, it will create only the missing 204s.

Brief Overview of NIMS IAP menu Items (continued)

Add Page to the Current 204

Adds an additional page to the current 204. This should be done from the last page of the current 204 (eg: page 1 of 1, 2 of 2, or 3 of 3). Note: this only works up to the 4th page. If you go more than 4 pages, you must create them manually.

Rest all 204s to a single page

This will eliminate any pages that have been added to 204s. It will leave the original.

Delete all 204s

This will remove all existing 204s that are not hidden.

Build Briefing Sheets – 204A

This builds a sheet that includes all division/groups within a branch. It lists each division/group in a single column with the div/group name, the supervisor, tactical channel, and all resources assigned.

Delete Briefing Sheets – 204As

This removes all briefing sheets that were created by the function above.

Build Virtual T-Cards

This takes the info from the current 203 and 204s and populates it to a virtual T-Card rack. There is more information later on the Virtual T-Card rack.

Add Additional 211 page

This creates an additional ICS 211 page. This is helpful if you are using the ICS 211 for check-in and your initial page becomes full and if you want to create separate pages for different check-in locations. Also see importing the 211 to your resource ID.

Estimate IAP printing

This runs a script that attempts to determine how many IAPs you will need. It will open a new sheet with the totals for each type of resource, along with field and camp overhead.

Record 204 Assignments to Resource IDs

This records the 204 assignments for each resource and adds the div/group and date to the resource ID record.

Update Weather Page

This will update the weather page with the most current weather available from the National Weather Service. In order for this to be accurate, the location data must have been entered on the General Info page.

Brief Overview of NIMS IAP menu Items (continued)

IAP Resources

Go to ResourceID Tab

This is just a quick way to move to the ResourceID tab.

Go to Resource Edit Form

This is just a quick way to move to the ResourceID tab.

Add Generic Resources

Adds generic resources into the ResourceID list. This enables making assignments in the 204 as placeholders, such as STC+, STA+ STG+, DOZ+, etc... The "+" indicates that the resource has not been filled yet.

Check for Duplicate Resources assigned on 204s

Checks to see if any resources have been assigned to more than one area. Resources with a "+" will not be included in the duplicate notification.

Clear all Resources for 204s

This will remove all resources from existing 204s while leaving the 204s otherwise intact.

Add or Update current selection from 204 to Resource List

This will write any changes or additions to the currently selected resource to the ResourceID tab. Unsaved edits will appear as brown text.

Add All Resources from the current 204 to Resource List

This will add any resources on the current 204 changes or additions to the currently selected resource to the ResourceID tab. This will only add Resources that are not already in the ResourceID list. Unsaved edits will appear as brown text.

Reorder Resources on the Current 204

This will reorder resource on the current 204 page. It will not effect other pages of the same 204. The order will be based on the order defined on the General Info tab.

Replace Formulas in Currently Selected Cells (204 only)

This restores the formulas in the currently selected cells. This is helpful if you have overwritten formulas.

Convert all Resource IDs to Uppercase

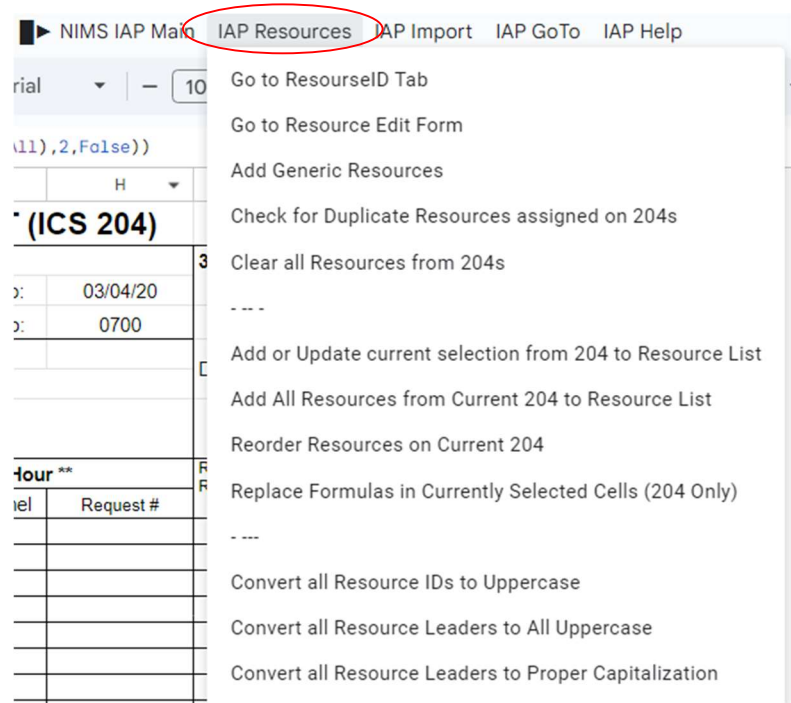
Makes all IDs uppercase. Example: DOZ pvt E-123 Williams becomes DOZ PVT E-123 WILLIAMS

Convert all Resource Leaders to all Uppercase

Makes all leader names uppercase. Example: John Williams becomes JOHN WILLIAMS

Convert all Resource Leaders to Proper Capitalization

Makes all leader names uppercase. Example: JOHN WILLIAMS or john williams becomes John Williams.



Brief Overview of NIMS IAP menu Items (continued)

Go to InciNet Import Tab

This is just a quick way to move to the InciNet tab.

Go to IROC/eISuite Import Tab

This is just a quick way to move to the IROC/eISuite tab.

Import InciNet Data to Resource List

This allows you to paste data from an InciNet export into NIMS IAP and then import that data into the ResourceID List.

Import IROC Data

This allows you to paste data from an IROC export into the NIMS IAP and then import that data into the ResourceID List.

Import eISuite Data

This allows you to paste data from an eISuite export into the NIMS IAP and then import that data into the ResourceID List.

Import 211 Check-In Data to Resource List

The menu function moves it from the Check-In List to the Resource List. This Sheet 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.

Import Work Assignments from 215 to 204s

Copies work assignments from the current 215 to the appropriate 204. If you have multiple 215s, you'll have to run this from each 2115.

Import 104 Data from SARTopo

Imports information from a GEOJSON export from SARTopo and creates 104 documents (similar to a 204).

IAP Goto

The Goto menu just has quick access to more commonly used sheets

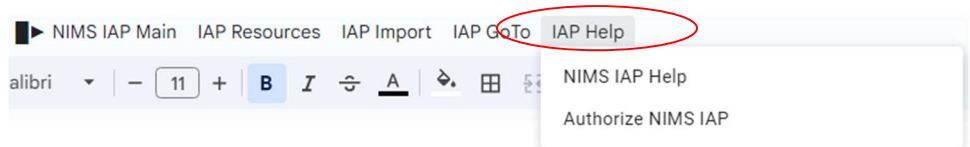
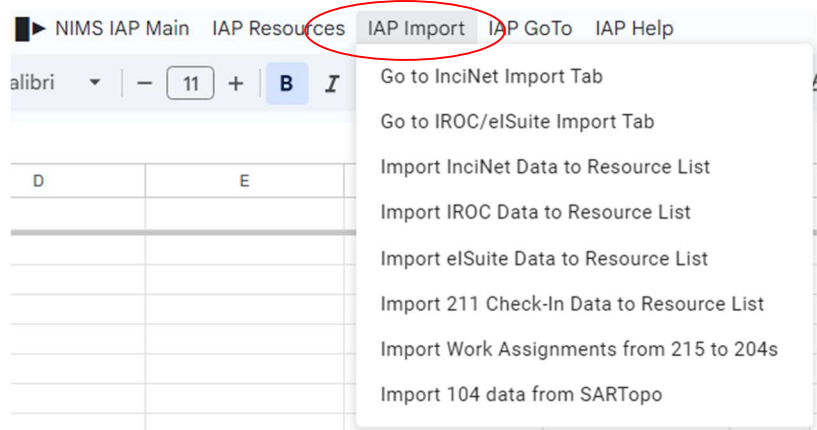
IAP Help

NIMS IAP Help

Pulls up this document from the web.

Authorized NIMS IAP

This gives the scripts authorization to run. This should always be done prior to sharing or copying a spreadsheet, otherwise the sheet may lose functionality.



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. 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 changes.

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.

3. Objective(s):

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

“ctrl enter”

Data vs Formulas

Be careful about overwriting formulas. Look at the “Formula Bar”.

Data is black “John Brown”

Formulas begin with “=” and are often Orange “= '202'!A3” or Multi-colored “= IF(ISERROR(vlookup(A11,ResData,2, FALSE)), "", vlookup(A11,ResData,2, False))”

If need be. You can overwrite formulas. However, be careful.

NIMS Shared 9/29/2016

File Edit View Insert Format Data Tools Add-ons He

fx John Brown

1 ORGANIZATION

2 1. Incident Name: 2. Operational P

3 NO NAME

4 3. Incident Commander(s) and Command Staff:

5 IC/UC's John Brown

6 Deputy

NIMS Shared 9/29/2016

File Edit View Insert Format Data Tools Add-ons He

fx = '202'!A3

1 ORGANIZATION

2 1. Incident Name: 2. Operational P

3 NO NAME

4 3. Incident Commander(s) and Command Staff:

5 IC/UC's John Brown

6 Deputy

Getting Started

The best place to start is the tab titled “101 General Info”. The *Incident Name*, *Incident Number*, *Date*, and *Operational Period* information entered on the General Info tab will be auto-populated onto all other tabs and forms throughout the spreadsheet.

The screenshot shows a Google Sheets spreadsheet titled "NBIMT Vision Team 2". The active tab is "Fire IAP General Information". The spreadsheet contains the following data:

| | A | B | C | D | E | F | G | H |
|----|------|--|---|--------------|-------------------------|-----------------------|---|---|
| 1 | | Fire IAP General Information | | | | | | |
| 2 | | | | | | | | |
| 3 | | Incident Name: | Vision 2 | | | | | |
| 4 | | Incident Number | MRN 170911 | | | | | |
| 5 | | Operational Period: Date From: | 5/16/2017 | Date To: | 5/17/2017 | | | |
| 6 | | Time From: | 0700 | Time To: | 0700 | | | |
| 7 | | | | | | | | |
| 8 | | Location: | *Enter address, location or Lat/Long to generate a weather page for this location | | | | | |
| 9 | | Use Location | ✓ Location: | Woodacre, CA | 38.0127006, -122.645261 | | | |
| 10 | | *Select location or Lat/Long | | | | | | |
| 11 | | Latitude/Longitude may entered in any format: Example: 40.446°, 40 34 56" N, or 40 34.856° | | | | | | |
| 12 | | × Latitude: | 38.0127006 | 38.0127006 | Dec. Degrees | | | |
| 13 | | | | | 38.0127006 | | | |
| 14 | | × Longitude: | -122.6452 | -122.6452 | | | | |
| 15 | | | | | -122.64526 | | | |
| 16 | | Location check: | 106 Railroad Ave, Woodacre, CA 94973, USA | | | | | |
| 17 | | *Your entered coordinates georeference to the above location | | | | | | |
| 18 | | | | | | | | |
| 19 | | Signatures | | | | | | |
| 20 | 202 | Prepared by: | Jim Irving | PSC | ✓ | Use PSC from the 203 | | |
| 21 | | Incident Commander: | Mark Brown | | ✓ | Use IC from the 203 | | |
| 22 | | | | | | | | |
| 23 | 203 | Prepared by: | Jim Irving | PSC | ✓ | Use PSC from the 203 | | |
| 24 | | | | | | | | |
| 25 | 204s | Prepared by: | Woody Baker-Cohn | RESL | ✓ | Use RESL from the 203 | | |
| 26 | | | | | | | | |
| 27 | | 204 Preferences | | | | | | |

Red arrows point from the text boxes on the right to the following cells in the spreadsheet:

- Incident Name: Cell B3
- Incident Number: Cell B4
- Operational Period: Date From: Cell C5
- Operational Period: Date To: Cell E5
- Operational Period: Time From: Cell D6
- Operational Period: Time To: Cell F6
- Location: Cell B9
- Location: Cell C9
- Location: Cell G9
- Location: Cell C12
- Location: Cell C14
- Location: Cell C16
- Location: Cell C18
- Location: Cell C20
- Location: Cell C22
- Location: Cell C24
- Location: Cell C26
- Location: Cell C28

Incident Name

Enter the incident name (here only). It will propagate to all other forms.

Incident Number

This field is optional. It propagates to only the IAP Cover

Operational Period

Date and Time of the start and end of the operational period. This will propagate to all forms. Double-clicking on the cell will bring up a drop-down calendar.

Location (for NWS weather report)

Select either “*Use Location*” or “*Use Lat/Long*”. If you choose “*Use Location*”, you can enter an address or any common geographic location

(towns, schools, parks, lakes, etc...) If you select “*Use Lat/Long*”, then enter a Latitude and Longitude. You may enter it in any of the three common formats. This will automatically generate a weather report using the NWS Fire Weather Planning Forecast for the proper zone

Signatures

The NIMS IAP program will normally list the appropriate person to sign specific pages of the IAP based on the assignments on the 203 and common practice. However, if you have multiple names assigned to a position, or wish to have a different signature, you may designate which person’s name should be listed as the signatory.

Put Branch ID on Tabs

| 204 Preferences | | | |
|-----------------------|---|--------------------------------|------------------|
| Put Branch ID on Tabs | <input checked="" type="checkbox"/> Yes | Edit 204 Drop-Down Assignments | Edit Assignments |

Selecting “yes” will have the application place the branch ID on the 204 tab like below:

| | |
|-----|-----------------|
| 203 | 204 BR II DIV P |
|-----|-----------------|

Selecting “no” will have the application place only the division ID on the 204 tab like below:

| | |
|-----|-----------|
| 203 | 204 DIV P |
|-----|-----------|

Edit 204 Drop-Down Assignments


The “Edit Assignments” button allows you to view and edit a sheet with all of the available drop-down “Work assignments” for the 204. You may add or edit these to suite your needs.

| 204 Preferences | | | |
|---|---|--------------------------------|------------------|
| Put Branch ID on Tabs | <input checked="" type="checkbox"/> Yes | Edit 204 Drop-Down Assignments | Edit Assignments |
| Use Supplemental Field on 204 (after resource ID) | <input checked="" type="checkbox"/> Yes | Field Name: | ALS |

You may add a supplemental field to the 204 that appears right after the Resource ID. The name that you place in the field name choice will appear on both the 204 and on the ResourceID sheet. This feature must be selected before the creation of 204s. The field may contain 3-4 letters.

| 5. Resources Assigned: | | ** Resources Below in Bold are 12 Hour ** | | |
|------------------------|-----|---|-----------|-----------|
| Resource Identifier | ALS | Leader | Personnel | Request # |
| ENG 7521 | ALS | Kings, Thomas | 3 | E-61 |

Resources Assigned Notation


| 204 Preferences | | | |
|---|---|--------------------------------|---|
| Put Branch ID on Tabs | <input checked="" type="checkbox"/> Yes | Edit 204 Drop-Down Assignments |  |
| Use Supplemental Field on 204 (after resource ID) | <input type="checkbox"/> No | Field Name: | ALS |
| Resources Assigned Notation: | ** Resources Below in Bold are 12 Hour ** | | |

You may change the notation that appears on the top of the resources section of all of the 204s. This may be changed at any time, even after 204s are created.

| 5. Resources Assigned: | | ** Resources Below in Bold are 12 Hour ** | | |
|------------------------|-----|---|-----------|-----------|
| Resource Identifier | ALS | Leader | Personnel | Request # |
| ENG 7521 | ALS | Kings, Thomas | 3 | E-61 |

InciNet/IROC Import Configuration

This allows you to select different options for importing the resource ID data from IROC or InciNet. For those not familiar with IROC or InciNet, I guess a little background is in order. IROC is the **I**nteragency **R**esource **O**rdering and **C**apability system. It is a Federally created computer system for ordering and tracking fire resources throughout the Country. InciNet is a Cal Fire system for tracking resources once assigned to an incident. InciNet pulls its resource information from IROC.

| InciNet and IROC Import Configuration | | Example (examples change with selection) |
|--|-------------------------------------|---|
| Include last name in resource ID for overhead positions: | <input checked="" type="checkbox"/> | FOBS JONES O-165 |
| Include Name in Resource ID for private (PVT) equipment: | <input checked="" type="checkbox"/> | DOZ PVT E-104 TOUGHGUYS |
| Include "PVT" in hired equipment Resource IDs: | <input checked="" type="checkbox"/> | DOZ PVT E-104 TOUGHGUYS |
| Import IROC Subordinate units and personnel | <input type="checkbox"/> | E-1 |
| Include Request Number in Resource ID for non-private equip: | <input type="checkbox"/> | STC XMR 2141C |
| Use FireScope Strike Team designators (STA, STC, STG, etc) | <input checked="" type="checkbox"/> | STC RRU 9110C |
| Place Request Number after Resource Name on PVT Equipment | <input type="checkbox"/> | W/T PVT E-234 JOHNSON |
| Resource IDs - All Caps | <input checked="" type="checkbox"/> | CRW ASH KICKERS, DOZ E-21 TOUGHGUYS |
| Resource Leader Names - All Caps | <input checked="" type="checkbox"/> | SHATNER, WILLIAM |
| Estimate Total personnel for resources missing personnel count | <input checked="" type="checkbox"/> | CRW: 16+/-, STA: 20+/-, STC: 18+/-, STG: 33+/-, etc... |
| Sort Order of Resources on 204 (only on your request) | Cal Fire ▾ | Engines, Crews, Dozers - You can modify the order below |
| You can select which positions are imported into the Resource ID list based on the "Target Assignment". This allows you to skip non-operational overhead such as Base Camp Manager, Cost Unit Leader, etc... <div>  </div> | | |

Include last name in resource ID for overhead positions

By default, overhead positions listed in the resource section of the 204 will list the four-letter position, followed by the order number (FOBS O-165). If you select “Yes” for this configuration, the resource’s last name will also appear in the resource ID (FOBS JONES O-165).

Include Name in Resource ID for private (PVT) equipment

By default, private equipment will list the equipment type, “PVT” and the order number (DOZ PVT E-104). If you select “Yes” for this configuration, an abbreviated version of the company name will be added (DOZ PVT E-104 TOUGHGUYS).

Include “PVT” in hired Resource IDs:

Add “PVT” in the resource name for private contractors.

Import IROC Subordinate units and personnel

Certain IROC reports (Exports) will list the main resource ID along with subordinate information (eg; all the engines and personnel in a strike team). Normally, only the main resource is imported (eg; just the strike team ID). If you select “Yes” for this configuration, subordinate resources will be imported, as well. However, they will not be listed in the pull-down resource selection. While this is nice to have this additional information, it will make your system run slower.

Include Request number in Resource ID for non-private Equipment

Selecting yes will add the Request number to public resources.

Use FireScope Strike Team designators (STA, STC, STG, etc)

In California strike teams are “typed” by a three-letter preface that is a standard identified by “FireScope”. If you are not in California, you should set this to “No”.

Place Request Number after Resource Name on PVT Equipment

This setting determines whether the Resource Request Number appear before of after the Resource name on PVT equipment.

InciNet/IROC Import Configuration (continued)

Resource IDs - All Caps

Makes all Resource IDs capital on import

Resource Leader Names - All Caps

Makes all Resource leader names all capitals

Estimate Total personnel for resources missing personnel count

If there is not a number of personnel on the import from IROC or InciNet, NIMSIAP can estimate the number if personnel.

Sort Order of Resources on 204 (only on your request)

NIMSIAP can sort resources on a single page of a 204 based on two difference sort orders. Either CalFire or Fed IMT. The NIMSIAP will not automatically sort resources unless you are using the Virtual T-Card Rack. You can also sort Resources on a single 204 by selecting "Reorder Resources on Current 204" from the "Resources" menu.

Overhead Import Options

If you click on the "Edit Overhead List" button, it opens a new sheet with a list of overhead positions. This is a list of "Target assignments" from IROC or InciNet. It has the 4 letter resource ID for overhead positions (FOBS, RESL, STEN, etc...) based on the "Target assignment" and allows you to select which assignments get imported into the ResourceID sheet. The "Y" or "N" in Column C determines whether a Resource will be imported. If the 4-letter ID is not found, the resource will be imported.

| | A | B | C | D |
|----|-----------------|---|------------|----------------------------------|
| 1 | | Import - Overhead Selection/Exclusion List | | Close this Sheet |
| 2 | 204 Abreviation | Ross Target Description (these n | Import Y/N | Note |
| 3 | XXXX | ***AAA | Y | *** not found in list |
| 4 | AADM | Agency Administrator | N | |
| 5 | ABRO | Aircraft Base Radio Operator | N | |
| 6 | ACDP | Aircraft Dispatcher | N | |
| 7 | AMB1 | Ambulance, Type 1 | Y | |
| 8 | AMB2 | Ambulance, Type 2 | Y | |
| 9 | AOBD | Air Operations Branch Director | Y | |
| 10 | ARCH | Archaeologist | Y | |
| 11 | AREP | Agency Representative | N | |
| 12 | ASGS | Air Support Group Supervisor | Y | |
| 13 | ATBM | Airtanker Base Manager | N | |
| 14 | ATGS | Air Tactical Group Supervisor | Y | |
| 15 | BCMG | Base/Camp Manager | N | |
| 16 | BLGT | Balloon Lights | N | |
| 17 | BNML | Battalion Military Liaison | N | |

202 Incident Objectives

NBIMT Vision Team 2 ☆

File Edit View Insert Format Data Tools Form Add-ons Help NIMS IAP All changes saved in Drive

General Situational Awareness:

| | A | B | C | D | E | F | G | H | I | J | K |
|----|--|--|---|--|---|----------------------|---|--------------------|---|---|---|
| 1 | INCIDENT OBJECTIVES (ICS 202) | | | | | | | | | | |
| 2 | 1. Incident Name: | | | 2. Operational Period: | | Date From: 5/16/2017 | | Date To: 5/17/2017 | | | |
| 3 | Vision 2 | | | | | Time From: 0700 | | Time To: 0700 | | | |
| 4 | 3. Objective(s): | | | | | | | | | | |
| 5 | Management Objectives | | | | | | | | | | |
| 6 | -Provide for emergency personnel and public safety at all times. | | | | | | | | | | |
| 7 | -Protect property, improvements, and infrastructure. | | | | | | | | | | |
| 8 | -Ensure repopulation takes place in a quick, efficient, and effective manner. | | | | | | | | | | |
| 9 | -Ensure coordinated, timely and accurate release of public information. | | | | | | | | | | |
| 10 | -Foster and maintain relationships with all cooperators and stakeholders. | | | | | | | | | | |
| 11 | -Protect economic, natural, cultural and heritage resources. | | | | | | | | | | |
| 12 | -Maintain fiscal accountability and keep costs commensurate with values at risk. | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | Control Objectives | | | | | | | | | | |
| 18 | -Keep the fire East of Vision Overlook Road | | | | | | | | | | |
| 19 | -Keep the fire South of Sir Francis Drake Blvd | | | | | | | | | | |
| 20 | -Keep the fire West of the community of Inverness and Inverness Park | | | | | | | | | | |
| 21 | -Keep the fire North of Drake's summit and Balboa | | | | | | | | | | |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | General Situational Awareness: | | | | | | | | | | |
| 26 | Steep and rugged terrain, critically dry and receptive fuel beds, active area for fire history and drought stressed trees. | | | | | | | | | | |
| 27 | | | | | | | | | | | |
| 28 | | | | | | | | | | | |
| 29 | | | | | | | | | | | |
| 30 | | | | | | | | | | | |
| 31 | | | | | | | | | | | |
| 32 | | | | | | | | | | | |
| 33 | | | | | | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | 5. Site Safety Plan Required? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | | | | | | | | | |
| 36 | Approved Site Safety Plan(s) Located at: | | | | | | | | | | |
| 37 | 6. Incident Action Plan | | | | | | | | | | |
| 38 | <input checked="" type="checkbox"/> ICS 203 | <input checked="" type="checkbox"/> ICS 215A | <input type="checkbox"/> Phone List | <input checked="" type="checkbox"/> Fire Suppression Repair Plan | | | | | | | |
| 39 | <input checked="" type="checkbox"/> ICS 204 | <input checked="" type="checkbox"/> ICS 220 | <input type="checkbox"/> Training Message | <input type="checkbox"/> | | | | | | | |
| 40 | <input checked="" type="checkbox"/> ICS 205 | <input checked="" type="checkbox"/> Incident Map | <input checked="" type="checkbox"/> Travel Map | <input type="checkbox"/> | | | | | | | |
| 41 | <input checked="" type="checkbox"/> ICS 206 | <input checked="" type="checkbox"/> Weather Forecast | <input type="checkbox"/> Demob Plan | <input type="checkbox"/> | | | | | | | |
| 42 | <input checked="" type="checkbox"/> ICS 208 | <input type="checkbox"/> Fire Behavior | <input checked="" type="checkbox"/> Finance Message | <input checked="" type="checkbox"/> ICS 214 | | | | | | | |
| 43 | 7. Prepared By: Jim Irving Position/Title: PSC Signature: _____ | | | | | | | | | | |
| 44 | 8. Approved by: Incident Commander: Mark Brown Signature: _____ | | | | | | | | | | |
| 45 | ICS 202 | | | | | | | | | | |

Add 1000 more rows at bottom.

Incident Name, Operational Period

Information for both of these is propagated from the General Information Tab.

Objectives

Management and control objectives can be edited to suite your needs. To create line breaks (or new lines) in multi-lined text boxes in Google Sheets, you have to use “ctrl + enter”.

You can also copy and paste from Word or text documents.

General Situational Awareness

Again, this is a multi-lined text box. Use “ctrl + enter” to create new lines.

Site Safety Plan Required

Use the small arrow ▼ to select the Yes or No checked box.

Incident Action Plan

Select the components that will be included in you IAP. Use the small arrow ▼ to select either the “☒” or the “☐”. Click on the arrow “▼”, not the checkbox. You can also add additional components to the list.

Prepared By/Approved By

These should fill automatically

203 (Organization Assignment List)

Again, the Incident Name and the Operation Period information gets propagated from the General Information Tab. 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.

| ORGANIZATION ASSIGNMENT LIST (ICS 203) | | | | | |
|---|---------------|-----------------------------------|-----------------------|---------------|--|
| 1. Incident Name: | | 2. Operational Period: Date From: | | Date To: | |
| Terrible | | 7/30/2015 | | 7/31/2015 | |
| | | Time From: 0800 | | Time To: 0800 | |
| 3. Incident Commander(s) and Command Staff: | | | 7. Operation Section: | | |
| 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 | |
| 4. Agency/Organization Representatives: | | Division/Group | X | Lester Pope | |
| Agency/Organization | Name | Division/Group | | | |
| Sheriff Office | Rob Alvedo | Division/Group | | | |
| PG&E | Carrie Mann | Branch II | Director: | Lou Billings | |
| OES | Logan Hall | Division/Group | Northern Structure | Jim Varenti | |
| | | Division/Group | M | Arthur Scull | |

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

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 203. 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.

| | |
|----------------|----|
| Branch | I |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Division/Group | |
| Branch | |
| Staging Area | II |
| Zone | |

The normal setup for Branches and Division/Groups is five branches with five Division/Groups each. However, you may change Branches and Division/Groups on the 203 to suite your needs. Each Branch or Division may be re-assigned as a Branch, Division/Group, Staging Area or Zone. As an example, you could create more Branches with fewer Divisions/Groups in each. If you need more, see below.

203A (Additional Operational Assignments)

The 203A is another sheet with nothing but Branches, Division/Groups on it, giving an additional 84 Branches, Divisions or groups. 204s for Divisions on the 203A are created in the same fashion as on the standard 203.

| ORGANIZATION ASSIGNMENT LIST (ICS 203A) | | | | | |
|---|-----|-----------------------------------|------|---------------|--|
| 1. Incident Name: | | 2. Operational Period: Date From: | | Date To: | |
| No Name | | 8/1/2017 | | 8/2/2017 | |
| | | Time From: 0700 | | Time To: 0700 | |
| 7. Operation Section: | | | | | |
| Chief | | | | | |
| Deputy | | | | | |
| Staging Area | | Staging Area | | | |
| Branch | VI | Branch | XII | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |
| Branch | VII | Branch | XIII | | |
| Division/Group | | Division/Group | | | |
| Division/Group | | Division/Group | | | |

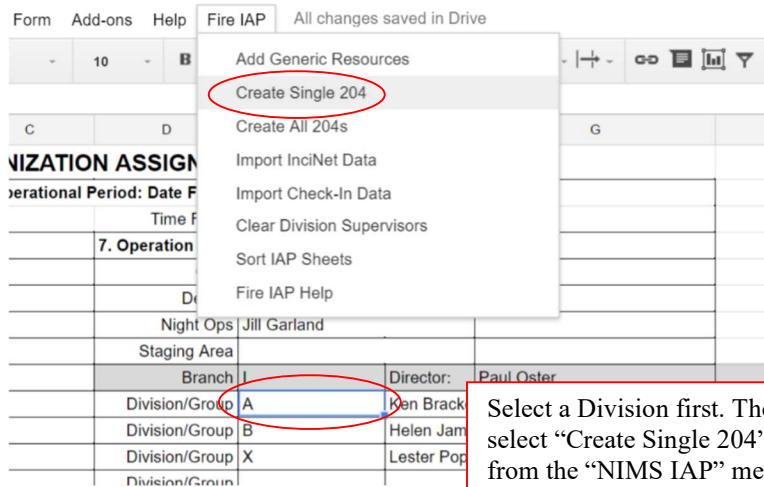
Generating 204s

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 just to the right of the 203.

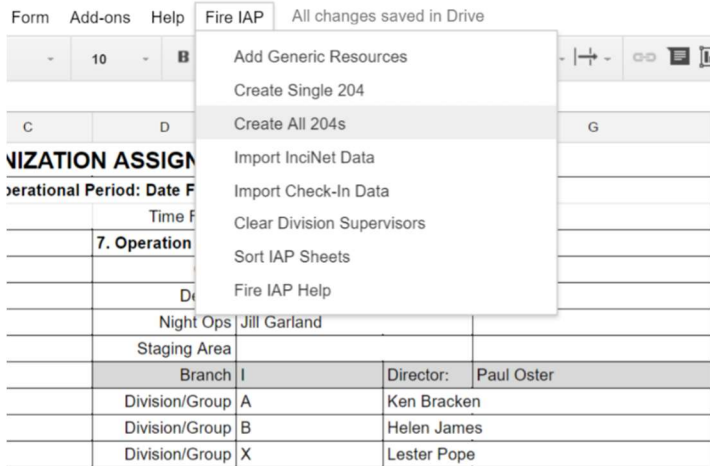
Create a single 204

To create a 204 for a single select the letter designator for that From the **NIMS IAP** menu, select The 204 will be generated and second tab position. If there is 204 tab for the selected division, an error message advising you of asking that you enter a different new 204 tab will still be created. will be named “Copy of Blank x being a generated number. You rename the tab to suit your needs.

Creating all 204s



division, division. **Create 204.** placed in the already a you will get such and name. The However, it 204.x”, with should



To create 204s for all divisions and groups, select **Create All 204s** from the **NIMS 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 and does not the corresponding 204. 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 | ASSIGNMENT LIST (ICS 204) | | | | | | | | | |
| 2 | 1. Incident Name: | | | | 2. Operational Period: | | | | | |
| 3 | Terrible | | | | Date From: 07/30/15 | | Date To: 07/31/15 | | 3. | |
| 4 | | | | | Time From: 0800 | | Time To: 0800 | | Branch: I | |
| 5 | 4. Operations Personnel: | | | | Name | | | | Contact # | |
| 6 | Operations Section Chief: Jeff Hickney | | | | Night Ops: Jill Garland | | | | Division/Group: A | |
| 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 MRN", you could simply type the agency ID, such as "MRN", or just the strike team designator, such as "9150". Once you select the resource, the *leader*, *personnel*, *Contact* and times will be automatically filled.

| 5. Resources Assigned: ** Resources Below in Bold are 12 Hour ** | | | | | Reporting Location, Special Equipment, Remarks, Notes, and Information | |
|---|------------------|-----------|-----------|--|--|----------|
| Resource Identifier | Leader | Personnel | Request # | | Time | Location |
| STC NEU 9230C | Fischer, Jim | 1 | E-18 | | 0700-0700 | DP-1 |
| STC MRN 9150C | Jointer, Ben | 1 | E-19 | | 0700-0700 | DP-1 |
| STL TGU 9250L | Kingston, Samuel | 1 | E-20 | | 0700-0700 | DP-1 |
| STC LMU 9225 C | Holden, Albert | 1 | E-42 | | 0700-0700 | DP-1 |
| STC NEU 9231C | Long, Kenneth | 1 | E-48 | | 0700-0700 | DP-1 |

If you need to make changes to the leader name, number of persons, drop off or pick up times, you may edit the information on the 204 and the select ***"Add or Update Current Selection from 204 to Resource List"***. 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 highlighting the cell (or cells) and selecting ***"Replace Formulas in the Currently Selected Cells"***.

All of the Communications data 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 | | |
| 9. Prepared by: Name: | | | Pos/Title: | RESL | Signature: | | |
| ICS 204 | | | IAP Page | Date/Time: | 7/30/2015 | 0120 | |

Managing Resource Data

One of the most important features of this version of the 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” sheet.

Resource data can be entered in four different ways;

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

- Manually on the Resource ID sheet.

- 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 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. Once you have entered all resources on the 204, select “**Add Data from 204 to resource List**” from the NIMS 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: | | ** Resources Below in Bold are 12 Hour ** | | | Reporting Location, Special Equipment, Remarks, Notes, and Information | |
|------------------------|---|---|-----------|-----------|--|----------|
| Resource Identifier | | Leader | Personnel | Request # | Time | Location |
| STC NEU 9230C | ▼ | Fischer, Jim | 19 | E-18 | 0700-0700 | DP-1 |
| STC MRN 9150C | ▼ | Jointer, Ben | 18 | E-19 | 0700-0700 | DP-1 |
| STC XBO 2741C | ▼ | Burns, Jeffery | 18 | E-28 | 0700-0700 | DP-1 |
| STC XMY 3443C | ▼ | Carlsen, Tod | 19 | E-56 | 0700-0700 | DP-1 |
| STC NEU 9231C | ▼ | Long, Kenneth | 20 | E-48 | 0700-0700 | DP-1 |

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 NIMS IAP menu. If information from a resource is **brown**, that indicates that it has been updated on the 204 but, has not been saved back to the Resource ID tab

Importing Data From InciNet or ROSS

The easiest way to get data from InciNet or ROSS is to have it exported to an Excel file and then Copy and Paste the data from Excel to Sheets. For those not familiar with InciNet or ROSS, InciNet is a resource tracking and network system developed by Cal Fire. ROSS is the Resource Ordering and Status System. For detailed instruction on importing from InciNet, see appendix A, or for ROSS, see appendix B.

Check-in Form

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 or 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.

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, HUU, SHF, SOM, MRN, XSN, OES, or PVT for private. Next set is variable and is the resource ID such as 9141C, 9262S, E23, TF1, Brush 23, ETC... Examples: CRW LNU DELTA 1, STA XSC 2312A, STC BDU 9352C, DOZ PVT JENNINGS

Leader Name

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:

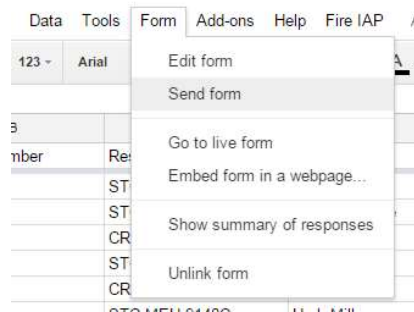
Enter your Request Number or Name.

Never submit passwords through Google Forms.

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.

A screenshot of the 'Send form' dialog box. It contains a 'Link to share' section with a text input field containing the URL 'https://docs.google.com/forms/d/1b0ncMEshUcO' and an 'Embed' button. Below this is a 'Short Url' checkbox. The 'Share link via' section shows icons for Google+, Facebook, and Twitter. The 'Send form via email' section has a checkbox and a text input field with a placeholder '+ Enter names, email addresses, or groups...'. At the bottom, there is a 'Looking to invite other editors to this form? Add collaborators.' link and a 'Done' button.

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 read 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 **NIMS IAP** menu.

| Request Number | Resource ID | Leader Name |
|----------------|-------------|-------------|
| 1 | STA | |
| 2 | STC | |
| 3 | STF | |
| 4 | STG | |
| 5 | STL | |
| 6 | CRW | |
| 7 | DOZ | |
| 8 | ENG | |
| 9 | DIVS | |
| 10 | HEQB | |
| 11 | FALM | |

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 for providing lookup data to 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: | | | 2. Date/Time Prepared | | 3. Operational Period: | | | | |
| Terrible | | | Date: | 3/22/2015 | Date From: | 07/30/15 | | | |
| | | | Time: | 0100 | Time From: | 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 using BK radios). If two lines share a 205 order number, only the first will print (again, note the A/B example above).

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

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

identifier. what you if you available the populated pulled additional

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

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

The 205 Worksheet above would print as the 205 below.

Order numbers here correspond to
channel numbers here.

| ICS 205 - INCIDENT RADIO COMMUNICATIONS PLAN | | | | | | | | |
|---|-----------------|-------------|--|----------------|-------------------------------|----------------|-------------------|--------------|
| 1. Incident Name: | | | 2. Date/Time Prepared | | 3. Operational Period: | | | |
| Terrible | | | Date: 3/22/2015 | | Date From: 07/30/15 | | Date To: 07/31/15 | |
| | | | Time: 0100 | | Time From: 0800 | | Time To: 0800 | |
| 4. Communications | | | (radio and/or phone contact numbers needed for this assignment): | | | | | |
| Ch# | Function | Name | Assigned To | Rx Freq | Rx Tone | Tx Freq | Tx Tone | Notes |
| 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 | | |
| 5. Special Instructions | | | | | | | | |
| All personnel working near repeater sites should wear tinfoil hats. | | | | | | | | |
| 6. Prepared by (Communications Unit Leader): Name: | | | Scott Turnquist | | Signature: | | | |
| ICS 205 | | | | | Date/Time: | | | |

205 Channels

The 205 Channels tab is listing of all available radio channels for use as a drop-down in the 205 Worksheet. Each channel should contain an Alpha Tag (the common name for the channel), use function (Command, Tactical, Emergency, Air to Ground, etc...), Receive frequency, Receive tone carrier, Transmit frequency, Transmit tone carrier, and notes for use (Repeater sites, limitations, etc...).

Channels can be added at the bottom of the list to make local channels available in the drop-down.

| | A | B | C | D | E | F | G |
|----|-----------|----------|----------|-------------|----------|-------------|-------------------------|
| 1 | Alpha Tag | Function | Freq Rx | Rx Tone | Freq Tx | Tx Tone | Notes |
| 2 | CDF C1 | COMMAND | 151.3550 | 103.5 | 159.3000 | | |
| 3 | CDF C2 | COMMAND | 151.2650 | 103.5 | 159.3300 | 110.9 | Siegler Mountain Tone 1 |
| 4 | CDF C3 | Command | 151.3400 | 103.5 (T8) | 159.3450 | | |
| 5 | CDF C4 | Command | 151.4000 | 103.5 (T8) | 159.3750 | | |
| 6 | CDF C5 | Command | 151.3175 | 103.5 (T8) | 159.3525 | | |
| 7 | CDF C6 | Command | 151.2500 | 103.5 (T8) | 159.3800 | | |
| 8 | CDF C7 | Command | 151.4800 | 103.5 (T8) | 159.3900 | | |
| 9 | CDF C8 | Command | 151.4450 | 103.5 (T8) | 159.3450 | | |
| 10 | CDF C9 | Command | 151.1750 | 103.5 (T8) | 159.4500 | | |
| 11 | CDF C10 | Command | 151.1900 | 103.5 (T8) | 159.2250 | | |
| 12 | CDF C11 | COMMAND | 151.1675 | 103.5 | 159.3975 | 162.2 | |
| 13 | CDF T1 | Tactical | 151.1450 | 192.8 (T16) | 151.1450 | 192.8 (T16) | |
| 14 | CDF T2 | Tactical | 151.1600 | 192.8 (T16) | 151.1600 | 192.8 (T16) | |
| 15 | CDF T3 | Tactical | 151.1750 | 192.8 (T16) | 151.1750 | 192.8 (T16) | |
| 16 | CDF T4 | Tactical | 151.1900 | 192.8 (T16) | 151.1900 | 192.8 (T16) | |
| 17 | CDF T5 | Tactical | 151.2500 | 192.8 (T16) | 151.2500 | 192.8 (T16) | |
| 18 | CDF T6 | Tactical | 151.3250 | 192.8 (T16) | 151.3250 | 192.8 (T16) | |
| 19 | CDF T7 | Tactical | 151.3400 | 192.8 (T16) | 151.3400 | 192.8 (T16) | |
| 20 | CDF T8 | Tactical | 151.3700 | 192.8 (T16) | 151.3700 | 192.8 (T16) | |
| 21 | CDF T9 | Tactical | 151.3850 | 192.8 (T16) | 151.3850 | 192.8 (T16) | |
| 22 | CDF T10 | Tactical | 151.4000 | 192.8 (T16) | 151.4000 | 192.8 (T16) | |
| 23 | CDF T11 | Tactical | 151.4450 | 192.8 (T16) | 151.4450 | 192.8 (T16) | |
| 24 | CDF T12 | Tactical | 151.4800 | 192.8 (T16) | 151.4800 | 192.8 (T16) | |
| 25 | CDF T13 | Tactical | 151.3775 | 192.8 (T16) | 151.3775 | 192.8 (T16) | |
| 26 | CDF T14 | TACTICAL | 159.2250 | 192.8 | 159.2250 | 192.8 | |
| 27 | CDF T15 | Tactical | 159.2700 | 192.8 (T16) | 159.2700 | 192.8 (T16) | |
| 28 | CDF T16 | Tactical | 159.2850 | 192.8 (T16) | 159.2850 | 192.8 (T16) | |

206 Medical Plan

The 206 is primarily a standard fill-in form, with the exception of the incident name, operational period, Medical Unit Leader and Safety Officer names, which are filled from the General Info Tab and the 203.

| MEDICAL PLAN (ICS 206) | | | | | | | |
|--|--------------------------------|---------------------------------|-------------|---------------------|------------------|---|---|
| 1. Incident Name: | | 2. Operational Period: | | Date From: | 8/1/17 | Date To: | 8/2/17 |
| No Name | | | | Time From: | 0700 | Time To: | 0700 |
| 3. Medical Aid Stations: | | | | | | | |
| Name | | Location | | Contact Number/Freq | | Paramedics | |
| | | | | | | ▼ | |
| | | | | | | ▼ | |
| 4. Transportation (indicate air or ground): | | | | | | | |
| Ambulance Service | | Location | | Contact Number | | Level of Service | |
| | | | | | | ▼ | |
| | | | | | | ▼ | |
| | | | | | | ▼ | |
| 5. Hospitals: | | | | | | | |
| Hospital Name | Address, | Contact Number(s)/ Frequency | Travel Time | | Trauma Center | Burn Center | Helipad |
| | Lat & Long | | Air | Ground | | | |
| Kaiser | 1 Quality Dr., Vacaville CA | 707-624-4000 | 5 | 30 | EDAT ▼ | <input checked="" type="checkbox"/> Yes ▼ | <input checked="" type="checkbox"/> Yes ▼ |
| VacaValley Med | 1000 NutTree | 707-624-7000 | 5 | 30 | EDAT ▼ | <input checked="" type="checkbox"/> Yes ▼ | <input checked="" type="checkbox"/> Yes ▼ |
| University of California- Davis Medical Center | 2315 Stockton Blvd. Sacramento | 916-734-2011 | 20 | 1 | Level 1 ▼ | <input checked="" type="checkbox"/> Yes ▼ | <input checked="" type="checkbox"/> Yes ▼ |
| | | | | | ▼ | ▼ | ▼ |
| | | | | | ▼ | ▼ | ▼ |

Fields with a “▼” in the right side are drop-down menus that give you common selections. You may overwrite these, if necessary.

| 6. Special Medical Emergency Procedures | |
|---|--|
| <p>Line Emergency Crew Supervisor will contact Division Supervisor with patient complaint/condition and location.</p> <p>- Division Group Supervisor Contacts:</p> <ol style="list-style-type: none"> 1. Closest EMS resource 2. Communications Unit <p>- Communications Unit Contacts:</p> <ol style="list-style-type: none"> 1. Ground or Air ambulance as requested. 2. Operations 3. Safety 4. Medical Unit <p>- Division Supervisor or designee will serve as point of contact and run medical emergency on assigned channel.</p> <ol style="list-style-type: none"> 1. A pre-assigned tactical frequency (i.e. CALCORD) should be used for IWI and only for duration of the emergency. <p>- Communications Unit will clear the Command channel for emergency traffic as needed for duration of the need.</p> <p>Camp Emergency Contact Medical Unit with patient complaint/condition and location. Medical staff will respond to stabilize the patient.</p> <p>- Medical Unit contacts</p> <ol style="list-style-type: none"> 1. Communications 2. Safety 3. Logistics 4. Operations 5. Crew Supervisor 6. Comp/Claims | <p>Injury Reporting Procedures</p> <p>Nature of Injury: _____</p> <p>Location of Patient: _____</p> <p>Point of Contact: _____</p> <p>Transportation Requested by: Air _____ Ground _____</p> <p>Point of Pick-Up: _____</p> <p>Lat: _____ Long: _____</p> <p>Patient Unit ID: _____</p> <p>Is an EMT with Patient: Yes _____ No _____</p> <p>Age: _____ Sex: Male _____ Female _____</p> <p>All Emergencies - Secure the area and identified witnesses for later investigation. Keep accurate log of events.</p> <div style="border: 1px solid orange; padding: 5px; margin: 10px 0;">Auto-filled from the 203.</div> <p><input type="checkbox"/> Check box if aviation assets are utilized for rescue. If assets are used, coordinate with Air Operations.</p> |
| 7. Prepared by (Medical Unit Leader): | Signature: _____ |
| 8. Approved by (Safety Officer): | Signature: _____ |
| ICS 206 | Date/Time: _____ |

206 Hospitals

The 206 Hospitals page is a sheet that allows you to view hospitals in proximity to your incident and then select hospitals to place on your 206. Currently we have approximately half the hospitals in the US are available in state datasets. These are generally done by people in each state.

This page allows you to find Hospitals, Trauma Centers, and Burn Centers. Results may be sorted by Air Miles, Air Transport Time, Ground Miles, Ground Transport Time, Burn Centers, or Trauma Centers.

- Select the state of your incident and click on the “Download State” button (California is loaded by default).

The Lat/Long is populated based off the information entered in the General Info sheet. You may also overwrite the formulas and enter the Lat/Long manually.

After the state dataset is loaded, the air miles will be calculated along with air transport times for hospitals with known heliports. The ground transport times will not be accurate. You must click on the “Upload Ground Miles and Transport Times” button to update ground transport based on your incident location. ●

You can sort the hospital list by Air Miles, Air Time, Ground Miles, Ground Time, Burn Centers, or Level 1 Trauma Centers. You can also select helicopter type to estimate air transport times.

Hospital List

State: California

Download State

Incident

Lat

38.0227

Lng

-122.6453

National Trauma Center Map: <https://www.amtrauma.org/page/FindTraumaCenters.aspx>

National Burn Center Map: <http://ameriburn.org/public-resources/burn-centers>

This page allows you to find Hospitals, Trauma Centers and Burn Centers. Results may be sorted by Air Miles, Air Transport Time, Ground Miles, Ground Transport Time, Burn Center, or Trauma Center.

To add hospitals to the 206, check the box to their left and click on the "Add to 206" Button. If there are existing hospitals on the 206 you may choose to add to or replace the existing hospitals.

Sort By: Air Miles

Air Speed

Type of Helicopter: Average

140

Update Ground Miles And Transport Times

Limit to: 50

Closest Hospitals by Air Miles

343

51

102%

Add to 206

Closest Hospitals

Address

Phone

Lat

Lng

Trauma

Burn

Helipad

Air Miles

Air Time hh:mm

Ground Miles

Ground Time

Do Not Edit Hospital Information in this Box - Edits Shoud be Done on the Primary List below line 29.

☐

Kaiser Foundation Hospital - San Raf

99 Monticello Rd, San Rafael, CA 94903

(415) 444-2000

38.0043

-122.5546

EDAT

No

5.1

12.6

00:30

☐

Novato Community Hospital

180 Rowland Way, Novato, CA 94945

(415) 209-1300

38.0992

-122.5602

EDAT

No

7.0

18.6

00:36

☐

MarinHealth Medical Center

250 Bon Air Rd., L103, Greenbrae, CA 94904

(415) 925-7000

37.9474

-122.5360

Level 3

No

7.9

9.2

00:24

☐

Petaluma Valley Hospital

400 N McDowell Blvd, Petaluma, CA 94954

7077781111

38.2546

-122.6317

16.1

00:06

23.6

00:43

☐

California Pacific Medical Ctr-Pacific C

2333 Buchanan Street, San Francisco, CA 94115

4156006000

37.7909

-122.4313

19.8

00:08

24.6

00:46

☐

Kaiser Foundation Hospital - San Fran

2425 Geary Blvd, San Francisco, CA 94115

4158332646

37.7825

-122.4431

19.9

00:08

24.5

00:46

☐

St Mary'S Medical Center

450 Stanyan St, San Francisco, CA 94117

4156681000

37.7741

-122.4539

20.1

00:08

24.9

00:46

☐

Chinese Hospital

845 Jackson St, San Francisco, CA 94133

4159822400

37.7955

-122.4091

20.3

00:08

25.6

00:50

☐

Bothin Burn Center at Saint Francis M

900 Hyde St, San Francisco, CA

(415) 353-6255

37.7894

-122.4167

None

Yes

No

20.4

25.5

00:50

☐

Saint Francis Memorial Hospital

900 Hyde St, San Francisco, CA 94109

4153536000

37.7894

-122.4167

20.4

00:08

25.5

00:50

☐

Ucsf Medical Center

505 Parnassus Ave, Box 0296, San Francisco, CA 94143

4153532733

37.7627

-122.4579

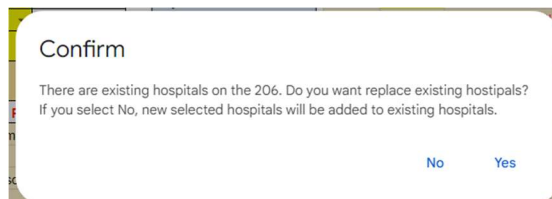
20.7

00:08

26.4

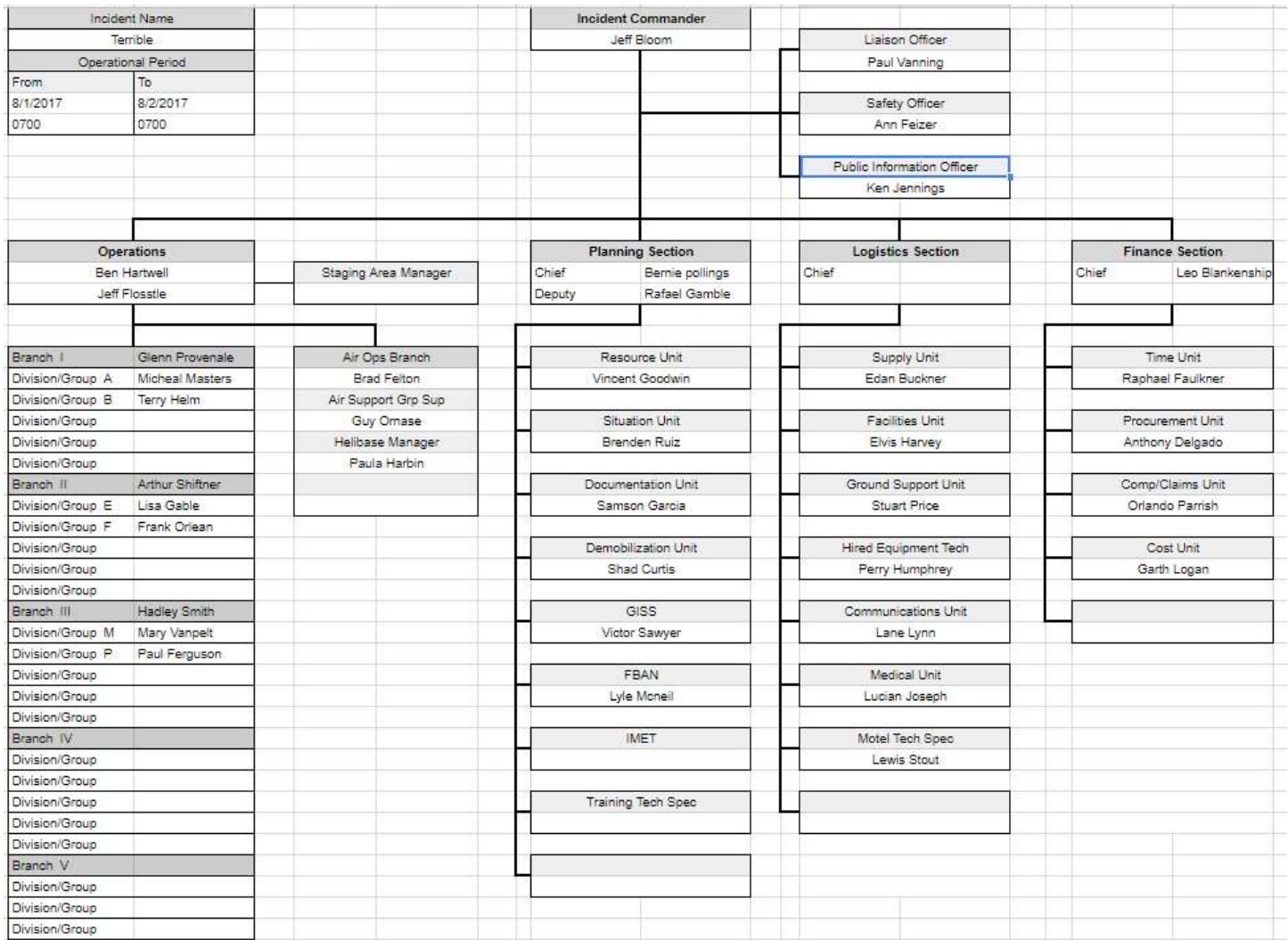
00:51

To add hospitals to your 206, check the box to their left and then click on the “Add to 206” button. If there are exiting hopsitals on the 206, you will get a message asking if you want to replace existing hospital or add to the existing hospitals.



207 Organizaional Chart

The 207 is entirely auto-filled from the 203. However, you may edit any field to suite your needs.



208 Safety Message/Plan

The 208 is primarily a standard fill-in form, with the exception of the incident name, operational period, and Safety Officer name, which are filled from the General Info Tab and the 203.

| SAFETY MESSAGE/PLAN (ICS 208) | | | | | |
|-------------------------------|--|-----------------------------|--|------------------|----------|
| 1. Incident Name: | | 2. Operational Period: | | Date From: | 8/1/17 |
| Terrible | | | | Date To: | 8/2/17 |
| | | | | Time From: | 0700 |
| | | | | Time To: | 0700 |
| S | | | | | I |
| A | | | | | T |
| F | Steep winding roads are throughout the incident. Slow down when driving on loose gravel and blind curves. Drive defensively with headlights on and use hands free devices. | | | | ' |
| E | | | | | S |
| T | Working on steep, uneven terrain. Be mindful of rolling materials. | | | | U |
| Y | | | | | P |
| S | Ensure radios are properly programmed for today's IAP and that crews are trained in communications procedures for the incident. | | | | T |
| A | Maintain situational awareness. Look up, Look down, Look around | | | | O |
| F | | | | | Y |
| E | Stay hydrated!!! Time to think = time to drink. Document rest and hydration on 214. | | | | O |
| T | | | | | U |
| Y | Remain mindful of what is going on around you! LCES! | | | | ! |
| S | | | | | ! |
| A | HEADS UP!!! Lookout for SNAGS when working around areas with burned trees. Evaluate all wind damaged trees with large limbs before working under around them. | | | | ! |
| F | Avoid complacency!!!! Experiencing extreme fire behavior due to low live and dead fuel moistures, persistent drought, and elevated fire danger rating values. | | | | ! |
| E | | | | | ! |
| T | | | | | ! |
| Y | | | | | ! |
| S | | | | | ! |
| A | | | | | ! |
| F | | | | | ! |
| E | | | | | ! |
| T | | | | | ! |
| Y | | | | | ! |
| 5. Prepared By: Ann Feizer | | Position/Title: SOFR | | Signature: _____ | |
| ICS 208 | | Date/Time: 7/31/2017 / 2030 | | | |

215A IAP Safety Analysis

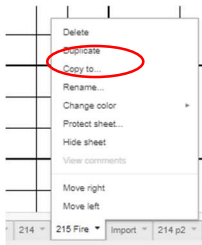
The 215A is primarily a standard fill-in form, with the exception of the incident name, operational period, and Safety Officer name, which are filled from the General Info Tab and the 203.

| INCIDENT ACTION PLAN SAFETY ANALYSIS (ICS 215A) | | | | | |
|---|--------------------|------------------------|---|------------------|--------|
| 1. Incident Name: | | 2. Operational Period: | | Date From: | 8/1/17 |
| Terrible | | | | Time From: | 0700 |
| Date To: | | 8/2/17 | | Time To: | 0700 |
| Incident Area | Hazard/Risks | | Mitigations | | |
| ALL | FATIGUE | | Be alert for signs of fatigue and take breaks as necessary. Drink water before, during and after your shift. Be alert for signs of heat disorder in yourself and others. | | |
| ALL | DRIVING HAZARDS | | Drive defensively! Expect the unexpected around every turn. Drive with headlights on, use wheel chocks and always look before backing. Increase following distances on dusty roads. | | |
| ALL | WEATHER | | Be thoroughly familiar with weather predictions and monitor conditions on the ground for changes. Carry proper equipment | | |
| ALL | DEHYDRATION | | Drink water before, during, and after your shift. Logistics will have water available. | | |
| ALL | ANIMAL ATTACK | | Keep distance from animals and identify aggressive animals. Be mindful of any injuries that could develop into infection. | | |
| ALL | IMPROVISED WEAPONS | | Pre-planned walk through and identify and remove potential hazards. Officers to have proper equipment (hats/bats) for protection. | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 5. Prepared By: | | Position/Title: | | SOFR | |
| ICS 215A | | Date/Time: | | 7/31/2017 / 2030 | |
| | | | | Signature: _____ | |

215 Operational Planning Worksheet (Fire)

There are two 215 Operational Planning Worksheets, one designed particularly for wildland fires and the other a generic Operational Planning Worksheet. The image below is the fire specific worksheet.

| OPERATIONAL PLANNING WORK SHEET | | | | 1. Incident Name Terrible | | 2. Date Prepared 7/31/2017 Time Prepared: 1700 | | 3. Operational Period (Date/Time) Date From: 8/1/2017 Date To: 8/2/2017 Time From: 0700 Time To: 0700 | | | | | | | | | | | | | | | |
|---------------------------------------|--|------------------|---|-------------------------------------|---|--|---|---|---|--------|------|------|------|-----------------|------|------|------|-----------------------|---------------------------|----------|------|------|--|
| 4. Division / Group or Other Location | 5. Work Assignments | Resource by Type | | | | | | | | | | | | | | | | 6. Reporting Location | 7. Requested Arrival Time | | | | |
| | | Engines | | | | Crews | | | | Dozers | | | | Other Equipment | | | | | | Overhead | | | |
| | | 1 | 2 | 3 | 4 | 1 | 2 | 1 | 2 | WT | DIVS | HEQB | FEMT | OPBD | STAM | SOFR | FOBS | FALM | FALB | Other | | | |
| A | Structure defense and perimeter control | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | DP 4 | 0800 | |
| | Mop up 300' in from control line. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| B | Mop up 300' in from control line. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | DP 4 | 0800 | |
| | Backhaul all trash. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| C | Assess need for contingency lines. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | DP 8 | 0800 | |
| | Continue indirect line construction improvements | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |



The 215 layout has space for 9 Divisions/Groups. If you need more than that, you can duplicate the tab by clicking on the small arrow at the end of the tab name.

The incident name and operational period are filled from the General Info tab. Work assignments use the same drop-down list as the work assignments in the 204. The entered resource needs are totalled at the bottom of the worksheet and uses the available resources to calculate needs.

| | | | | | | | | | | | | | | | | | | | |
|--------------------------|----|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|
| Total Resources Required | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | | | | | | | | | |
| Total Resources On Hand | 2 | | | | | | | | | | | | | | | | | | |
| | 3 | | | | | | | | | | | | | | | | | | |
| Total Resources Needed | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | | 4 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |

The non-fire 215 is very similar except the resource head contains blank vertically oriented resource names that can be filled-in as needed .

| OPERATIONAL PLANNING WORK SHEET | | | | 1. Incident Name Terrible | | 2. Date Prepared 7/31/2017 Time Prepared: 1700 | | 3. Operational Period (Date/Time) Date From: 8/1/2017 Date To: 8/2/2017 Time From: 0700 Time To: 0700 | | | | | | | | | | | | | | |
|---------------------------------|------------------------------|---|--------------|-------------------------------------|----|--|----|---|----|----|----|----|----|----|--|--|--|--|-----------------------|---------------------------------|-----------------------|------------------|
| 3. Branch | 4. Division / Group or Other | 5. Work Assignment & Special Instructions | 6. Resources | A. | B. | C. | D. | E. | F. | G. | H. | I. | J. | K. | | | | | 7. Overhead Positions | 8. Special Equipment & Supplies | 9. Reporting Location | 10. Arrival Time |
| | | | | | | | | | | | | | | | | | | | | | | |

There are two versions of the Air Operations Summary. One is almost identical the the NIMS standard 220, while the other is one that has been used commonly by Cal Fire. The incident name, incident number, sunrise, startup time, cutoff, sunset, and shutdown times for both forms are calculated based on the date and lat/long or location entered on the General Info tab. All other fields are simple fill-ins.

[illegible]

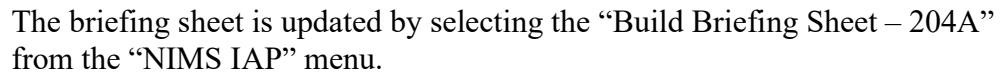
Weather Forecast

The weather forecast information is automatically generated for the location entered on the General Information Tab. The latitude and longitude are forwarded to the NIMSIAP server, which in-turn requestes fire weather information from the National Weather Service. The NIMSIAP server cleans up the returned information and all HTML formatting is removed and then it is returned to your sheet.

| Weather Forecast | Latitude: 38.0127006 | Longitude: -122.64526 | NWS Fire Weather | |
|---|------------------------|-----------------------|----------------------------------|-----------------|
| 1. Incident Name: | 2. Operational Period: | Date From: | 8/1/17 | Date To: 8/2/17 |
| Terrible | | Time From: | 0700 | Time To: 0700 |
| Fire Weather Planning Forecast for the San Francisco Bay Area and Central California Coast National Weather Service San Francisco Bay Area 501 AM PDT Mon Aug 14 2017 .DISCUSSION...A trough of low pressure moving across northern California will result in much below average temperatures across inland areas today along with locally gusty westerly winds. A warming trend will begin across the northern portion of the district on Tuesday and elsewhere on Wednesday. Note : All winds are 20-foot Winds Unless otherwise specified. Thunderstorms imply strong, gusty and erratic winds. \$\$ CAZ507-151215- North Bay Mountains- 501 AM PDT Mon Aug 14 2017 .TODAY... * Sky/weather.....Partly cloudy then becoming mostly sunny. Patchy fog in the morning. * Max temperature.....68-82. * 24 hr trend.....3-6 degrees cooler. * Min humidity.....40-70 percent. * 24 hr trend.....10 percent wetter. * 20-foot winds..... * Valleys/lwr slopes...Southwest winds 5 to 10 mph. * Ridges/upr slopes....Southwest winds 5 to 15 mph with gusts to 20 mph. * CWR.....0%. * LAL.....1. * Marine layer.....2000 ft asl. .TONIGHT... * Sky/weather.....Mostly clear then becoming partly cloudy. * Min temperature.....51-61. * 24 hr trend.....Little change. * Max humidity.....70-100 percent. * 24 hr trend.....Little change. * 20-foot winds..... * Valleys/lwr slopes...West winds up to 5 mph. * Ridges/upr slopes....West winds 5 to 10 mph. * CWR.....0%. * LAL.....1. * Marine layer.....2000 ft asl. .TUESDAY... * Sky/weather.....Partly cloudy then becoming mostly sunny. * Max temperature.....71-85. * Min humidity.....35-55 percent. * 20-foot winds..... * Valleys/lwr slopes...Southwest winds around 5 mph. * Ridges/upr slopes....Southwest winds 5 to 10 mph with higher gusts in the afternoon. * CWR.....0%. * LAL.....1. -a | | | | |
| PREPARED BY: | | Date/Time: | 8/14/16 | |

Clicking on the “NWS Fire Weather” in the upper-right corner takes you to the NWS Fire Weather page

The 204A (Briefing Sheet) is a non-standard ICS form used by many incident management teams. It is a single sheet that lists all resources assigned to an individual branch on a single page. This can be helpful for the roll call of resources during briefing or as an aid to the branch directors. In both cases, it allows you to view all resources on a branch without having to view multiple pages. It is designed to print in a landscape fashion.



Getting it to fit appropriately on the landscape page can require adding or deleting rows to adjust for pages breaks. Also read the section further back on “Printing with Google Sheets”.

| | | | | | | |
|------------------|------------------------|----------|----|----------|-------------|--------------|
| 1. Incident Name | 2. Operational Period: | | | | Operations | |
| Terrible | Date From: | 8/1/2017 | To | 8/2/2017 | Operations | Ben Hartwell |
| | Time: | 0700 | To | 0700 | Air Support | Guy Ornase |

Branch: I Director: Glenn Provenale

31

203S (Branch Safety Officers)

First, 203S is really designed for safety officers who are working 24 shifts in an odd/even fashion (typical Cal Fire schedule). This form allows you to set a schedule that rotates day-to-day.

These dates represent the operation period of the current IAP. They are linked to the General Info page and will change as the operational period changes.

[illegible]

- Put your Branches in Column A. If you click on the small ▼, you can select available branches defined on the 203 or 203A. A small red flag in the upper right corner indicates that the branch does not exist on the 203 or the 203A.
- Do not edit Column B. Column B is automatically filled from either Column C or Column D depending on if the date of the beginning of the operation period is even or odd.
- Column C represents SOFRs that will be assigned on ODD days.
- Column D represents SOFRs that will be assigned on EVEN days.
- The SOFR for each branch is placed on the 204 just below Night Ops

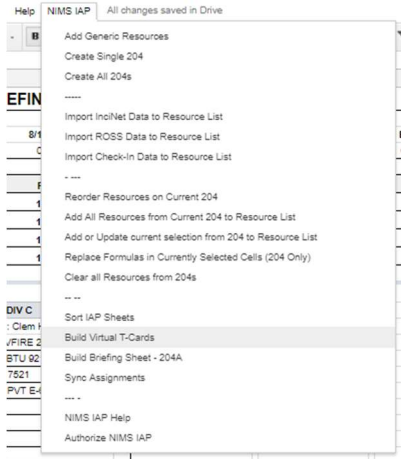
In the example above, for the current IAP, the SOFRs from Column D are placed in Column B by a formula. A formula on the 204 pulls them from the 203S (see below).

| | | | | |
|------------------------|----------|----------------|--------------------------------|----------|
| 2. Operational Period: | | | 3. Branch | Division |
| Date From: | 09/18/24 | Date To: | 09/19/24 | X |
| Time From: | 0700 | Time To: | 0700 | |
| | | | Page 1 of 1 | Hotel |
| | | Night Ops: | S. Jerry | |
| | | Branch Safety: | A. Gomes, J. Jordan, G. Zamora | |
| | | Air Attack: | E. Haskins | |

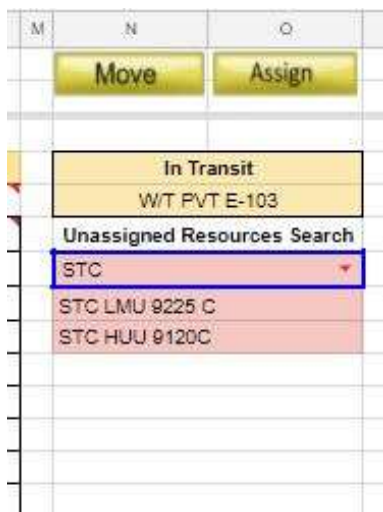
~~These names are pulled from the 203S based on matching the Branch.~~

Virtual T-Card Rack

The Virtual T-Card Rack is an experimental function of the NIMS IAP Application. It allows you to visualize a T-card rack that represents the current IAP. You may also move resources on the T-card rack and the corresponding resources will be moved on you 204s. It should be noted that when you move resources on the Virtual T-Card Rack, resources that are moved will be ordered on the 204 according to the order identified on the General Info tab.



To build the T-card rack, select “Build Virtual T-Cards” fro the “NIMS IAP” menu.

[illegible]

On the right-hand side of the screen, is the tool that allows moving and reassigning of resources.

The “Move” Button moves a resource into the “In Transit” field. If the resource was “Assign” it will be removed from the assignment. As an example, if we selected the last water tender in Div C (W/T PVT E-103) and then clicked on the “Move” button, W/T PVT E-103 would be removed from DIV C. It would then appear in the “In Transit” field.

The “In Transit” field is essentially a holding spot for the next resource to be assigned. Using the previous example, if we now select any blank spot in DIV B and then click on the “Assign” button, W/T PVT E-103 will be assigned to DIV B and the “In Transit” field will be cleared.

Unassigned resources are listed below the “In Transit” field. The blue-boxed field is a search field. This has a pull-down selector with the resources defined in the “General Info” tab, or you can freely enter text.

Unassigned resources are moved into assignments in a similar fashion to moving resources from one assignment to the other. Click on the resource in the unassigned resource list, click on the “Move” button, the resource will appear in the “In Transit” field, select an open cell in the division where the resource is to be assigned, and click on the “Assign” button. The unassigned resource will continue to display in the unassigned list until it is actually assigned (when you click the “Assign” button).

Limitations

The virtual T-card rack does not work well with multiple page divisions or groups. Each new page is placed in a new column and is treated a separate division. A resource placed on the third page of a division would remain on that page despite being a resource that should be on the first page (as determined by sort order). Additionally a resource cannot be added to a page or Division that is already full. And finally, the process of moving resources on the virtual t-card rack can be slow and cumbersome.

Appendix A – Importing Resource Data from InciNet

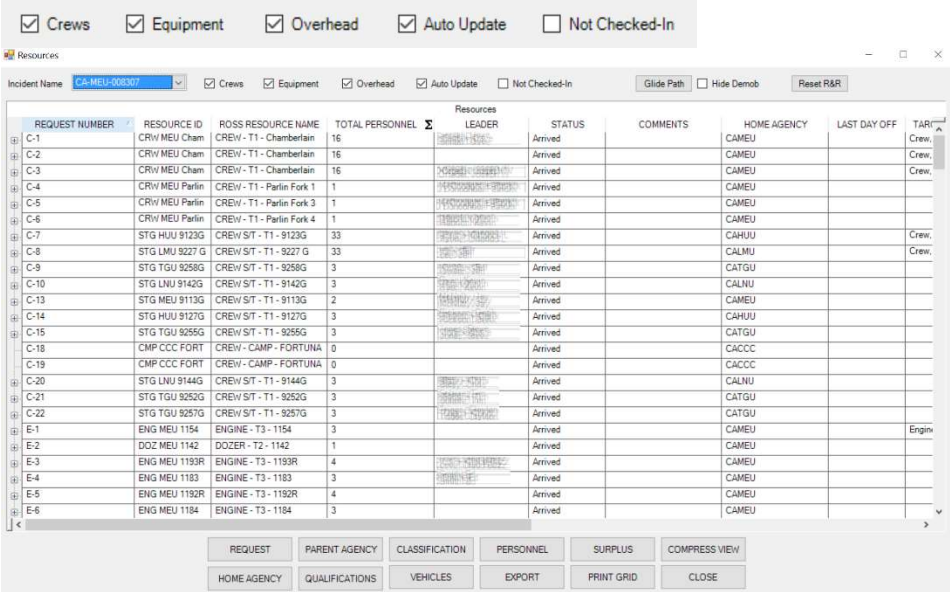
Open InciNet



Select Resource List



Make sure to check Crews, Equipment, and Overhead



After the Resource List opens, select Compress View



*Close Excel – If Excel is already open, InciNet will cause an error.

Select Export



The export resource file will be opened in Excel

| | A | B | C | D | E | F | G | H | I | J | K | L |
|----|----------------|-------------------------|-----------------------------|-----------------|--------|---------|--------------------------------------|-------------|------------|---------------------------|-------|-------------------|
| | REQUEST NUMBER | RESOURCE ID | ROSS RESOURCE NAME | TOTAL PERSONNEL | LEADER | STATUS | COMMENTS | HOME AGENCY | 1ST DAY OF | TARGET ASSIGNMENT | PHONE | CHECK-IN LOCATION |
| 1 | C-1 | STG TCU 9447G | CREW S/T - T1 - 9447G | 33 | | Arrived | | CATCU | 7/7/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 2 | C-3 | STG LMU 9226 G | CREW S/T - T1 - 9226 G | 32 | | Arrived | | CALMU | 7/17/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 3 | C-4 | STG TCU 9444G | CREW S/T - T1 - 9444G | 33 | | Arrived | | CATCU | 7/15/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 4 | C-7 | STG BDU 9358 G | CREW S/T - T1 - 9358 G | 31 | | Arrived | | CABDU | 7/10/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 5 | C-8 | STG BDU 9359 G | CREW S/T - T1 - 9359 G | 34 | | Arrived | ST Leader Trainee 33 total personnel | CABDU | 7/10/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 6 | C-10 | CRW BEU Gabilan 2 | CREW - T1 - Gabilan 2 | 15 | | Arrived | MOBILE KITCHEN OF CABEU | | | Crew, Type 1 | | Check-in |
| 7 | C-11 | STG MMU 9425 G | CREW S/T - T1 - 9425 G | 36 | | Arrived | Calfire 3 Cdr 3 Inmates 30 | CAMMU | 7/6/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 8 | C-12 | STG TUU 9413G | CREW S/T - T1 - 9413G | 32 | | Arrived | | CATUU | 7/13/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 9 | C-14 | STG RRU 9319G | CREW S/T - T1 - 9319G | 33 | | Arrived | | CARRU | 7/14/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 10 | C-15 | STG MVU 9339G | CREW S/T - T1 - 9339G | 33 | | Arrived | Total 35 persons (CDEI CAMVU) | | | Crew, Strike Team, Type 1 | | Check-in |
| 11 | C-17 | STG TCU 9446G | CREW S/T - T1 - 9446G | 32 | | Arrived | | CATCU | 7/8/2017 | Crew, Strike Team, Type 1 | | Check-in |
| 12 | C-19 | CMP CCC PLACER 4 | CREW - CAMP - PLACER 4 | 11 | | Arrived | | CACCC | | Crew, Camp | | Check-in |
| 13 | C-20 | CMP CCC PLACER 5 | CREW - CAMP - PLACER 5 | 12 | | Arrived | | CACCC | 7/14/2017 | Crew, Camp | | Check-in |
| 14 | C-21 | CMP CCC LOS PADRES 3 | CREW - CAMP - LOS PADRES 3 | 18 | | Arrived | | CACCC | | Crew, Camp | | Check-in |
| 15 | C-24 | CRW MMU Mount Bullion 4 | CREW - T1 - Mount Bullion 4 | 16 | | Arrived | | CAMMU | | Crew, Type 1 | | Check-in |
| 16 | C-52 | CMP CCC DELTA 3 | CREW - CAMP - DELTA 3 | 13 | | Arrived | | CACCC | 7/16/2017 | Crew, Camp | | Check-in |

Copy and Paste

In Excel, select the entire exported spreadsheet – “ctrl-A” should select all filled cells (sometimes twice). Make sure the entire data area is selected. Press ctrl-C (or select Copy from the Edit menu).

Return to the NIMS IAP application in Google Sheets and select the Import tab.

ResourceID ▾ Import ▾ Incident ▾

Select the upper-left cell (A1)

| | | | | | |
|---|---------------------------------|---|---|---|---|
| NIMS Shared 8/2/2017 | | | | | |
| File Edit View Insert Format Data Tools Form Add-ons Help NIMS IAP All changes saved in Drive | | | | | |
| Paste InciNet or ROSS Data Here | | | | | |
| | A | B | C | D | E |
| 1 | Paste InciNet or ROSS Data Here | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |

Prior to Pasting, make sure that your Import tab is completely empty.

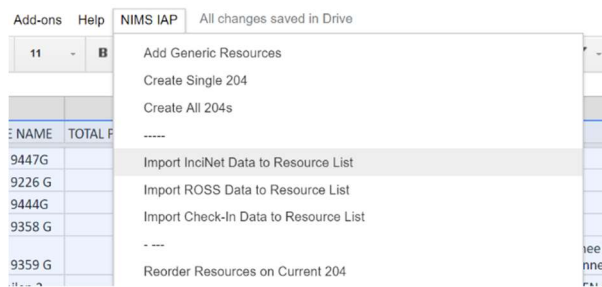
If tab is empty, Press ctrl-V (or select Paste from the Edit menu).

It may take a minute or so for the pasted data to show up in Google Sheets.

After pasting, your Sheet should look like this.

| | | | | | | | | |
|---|----------------|----------------------|----------------------------|-----------------|--------|---------|--------------------------------------|-------------|
| NIMS Shared 8/2/2017 | | | | | | | | |
| File Edit View Insert Format Data Tools Form Add-ons Help NIMS IAP All changes saved in Drive | | | | | | | | |
| REQUEST NUMBER | | | | | | | | |
| | A | B | C | D | E | F | G | H |
| 1 | REQUEST NUMBER | RESOURCE ID | ROSS RESOURCE NAME | TOTAL PERSONNEL | LEADER | STATUS | COMMENTS | HOME AGENCY |
| 2 | C-1 | STG TCU 9447G | CREW S/T - T1 - 9447G | 33 | | Arrived | | CATCU |
| 3 | C-3 | STG LMU 9226 G | CREW S/T - T1 - 9226 G | 32 | | Arrived | | CALMU |
| 4 | C-4 | STG TCU 9444G | CREW S/T - T1 - 9444G | 33 | | Arrived | | CATCU |
| 5 | C-7 | STG BDU 9358 G | CREW S/T - T1 - 9358 G | 31 | | Arrived | | CABDU |
| 6 | C-8 | STG BDU 9359 G | CREW S/T - T1 - 9359 G | 34 | | Arrived | ST Leader Trainee 33 total personnel | CABDU |
| 7 | C-10 | CRW BEU Gabilan 2 | CREW - T1 - Gabilan 2 | 15 | | Arrived | MOBILE KITCHEN OF CABEU | |
| 8 | C-11 | STG MMU 9425 G | CREW S/T - T1 - 9425 G | 36 | | Arrived | Calfire 3 Cdr 3 Inmates 30 | CAMMU |
| 9 | C-12 | STG TUU 9413G | CREW S/T - T1 - 9413G | 32 | | Arrived | | CATUU |
| 10 | C-14 | STG RRU 9319G | CREW S/T - T1 - 9319G | 33 | | Arrived | | CARRU |
| 11 | C-15 | STG MVU 9339G | CREW S/T - T1 - 9339G | 33 | | Arrived | Total 35 persons (CDEI CAMVU) | |
| 12 | C-17 | STG TCU 9446G | CREW S/T - T1 - 9446G | 32 | | Arrived | | CATCU |
| 13 | C-19 | CMP CCC PLACER 4 | CREW - CAMP - PLACER 4 | 11 | | Arrived | | CACCC |
| 14 | C-20 | CMP CCC PLACER 5 | CREW - CAMP - PLACER 5 | 12 | | Arrived | | CACCC |
| 15 | C-21 | CMP CCC LOS PADRES 3 | CREW - CAMP - LOS PADRES 3 | 18 | | Arrived | | CACCC |

Import Function



After the paste operation is finished, you can import the InciNet data into your Resource ID sheet by selecting ***Import InciNet Data*** from the ***NIMS IAP*** menu. The import may take a minute or so. Be patient. During the import, the script will attempt to clean up the information from InciNet and make it a little more IAP friendly.

Once the import is complete, you will be notified of the number of resources imported.

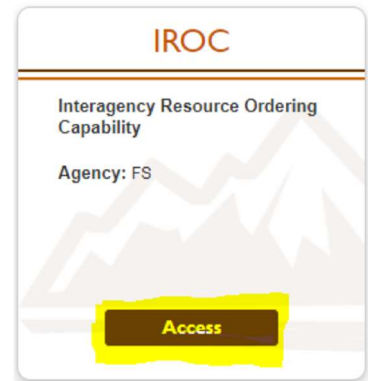
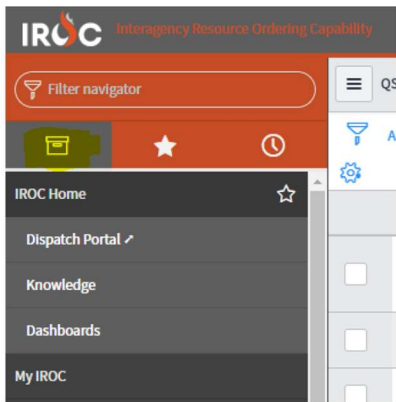


Appendix B – Importing IROC data into NIMS IAP

Step 1: Utilize the “Public Partners” Login: <https://iwfirp.nwcg.gov/>

Step 2: Select IROC Access from the FAMIT Dashboard

Step 3: Select the “All Applications” Tab from the top left side of the IROC “Home” Screen.



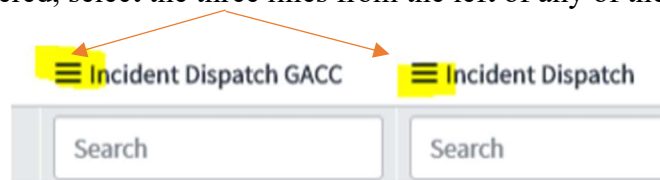
Step 4: Utilize the Search Bar or scroll to the bottom of the list to the “IROC Reporting” tab. From within the “IROC Reporting” tab, select the “QST1-Request Status” tab.

Step 5: From the Information screen, use the “Incident Number” Column to search for the incident in question, simply type in the Incident Number to the Search bar and then hit “enter”.

| Incident Dispatch GACC | Incident Dispatch | Incident Name | Incident Number | Request Number |
|---|--|-------------------|-----------------|----------------|
| Search | Search | Search | CA-LMU-003917 | Search |
| Eastern Area Coordination Center | Minnesota Interagency Coordination Center | 2020 MNCC Support | MN-MNS-720029 | A-1 |
| Southern California Geographic Area Coordination Center | Monte Vista Interagency Emergency Command Center | LAKY | CA-MVU-010359 | A-1 |
| Northern California | Redding Interagency | BAR | CA-SHU-003809 | A-1 |

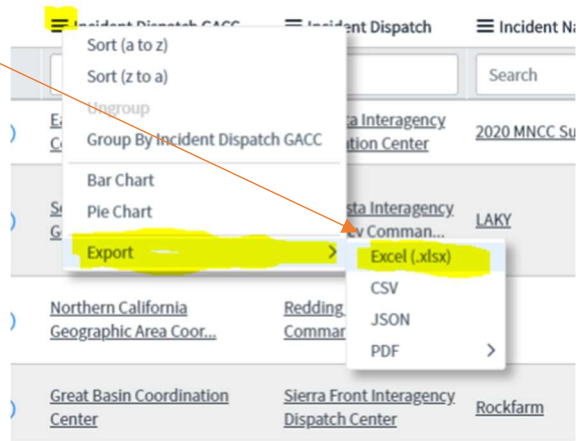
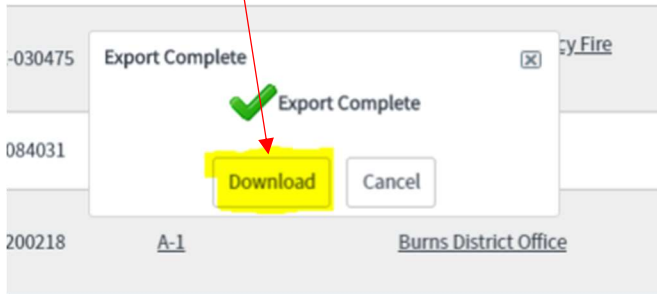


Step 6: Once the data has filtered, select the three lines from the left of any of the columns.



Step 7: Navigate to the Export Tab and then Select “Excel.”

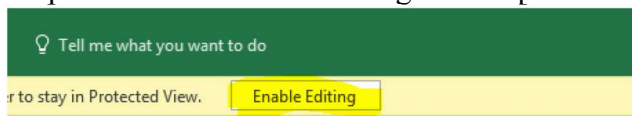
Step 8: It may take a few minutes to export. Once complete, select the “Download button”



Step 9: Once it loads, it will pop up as a download on the bottom of the screen (this may vary by operating system and version).

Step 10: Double click to open the excel document.

Step 11: Select “Enable Editing” once opened.



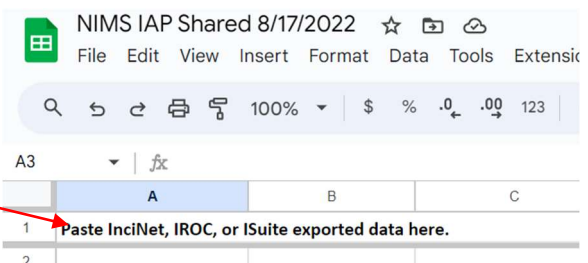
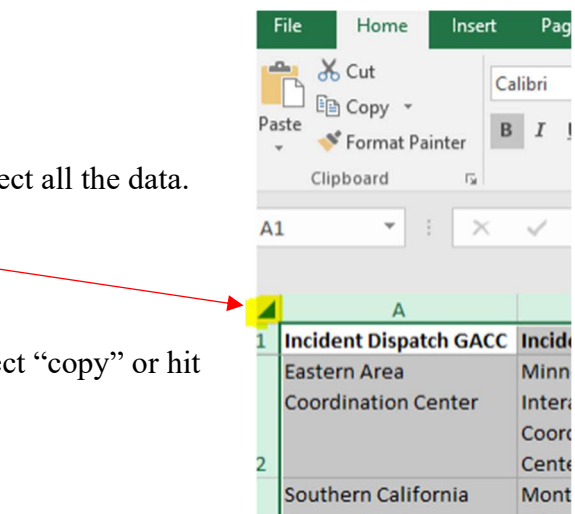
Step 12: Click on the triangle in the top left of the screen to select all the data.

Step 13: Once all the data is selected, either right click and select “copy” or hit “ctrl” “c”.

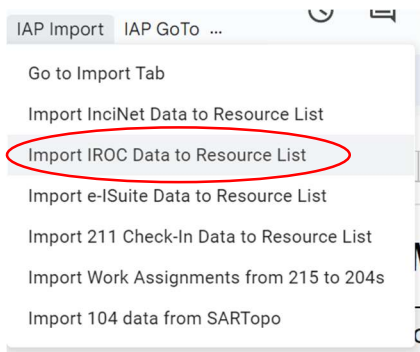
Step 14: Go into the NIMS IAP, navigate to the “Import” tab. If there is already data in the tab, clear it out (to clear the data, select “ctrl” “a” and then backspace).

Step 15: Paste the data into the NIMS IAP Import tab. Paste the data at cell A1.

It may take a minute or so for the pasted data to show up in Google Sheets.



Step 16: Use the “IAP Import” menu at the top of the screen to select “Import IROC data to Resource List”.



Note, if you haven’t run a script yet in the program, you will have to authorize scripts to run (see section on Authorizing NIMS IAP) and the re-run the script.

The import may take a minute or so. Be patient. During the import, the script will attempt to clean up the information from InciNet and make it a little more IAP friendly.

Once the import is complete, you will be notified of the number of resources imported.



How to Make your Imports more Efficient

By default, Google limits Apps Script processing time to six minutes. For most incidents, this should be fine. However, there are some things you can do to reduce time and make your imports more efficient.

The NIMS IAP Import function filters out any Resource that is already in the ResourceID list and will also filter out any Supply or Aerial resource request. You can also select which resource types are imported on the “ICSCodes” sheet. By selecting either a “Y” or a “N” in column “C”, you can select which resource type get imported. Any four letter abbreviation not found in the list will be imported.

| | A | B | C | D |
|----|------------------------|--|-------------------|-------------------------|
| 1 | | Import - Overhead Selection/Exclusion List | | Close this Sheet |
| 2 | 204 Abreviation | Ross Target Description (these must match IROC exactly) | Import Y/N | Note |
| 3 | XXXX | ***AAA | Y | *** not found in list |
| 4 | AADM | Agency Administrator | N | |
| 5 | ABRO | Aircraft Base Radio Operator | N | |
| 6 | ACDP | Aircraft Dispatcher | N | |
| 7 | AMB1 | Ambulance, Type 1 | Y | |
| 8 | AMB2 | Ambulance, Type 2 | Y | |
| 9 | AOBD | Air Operations Branch Director | Y | |
| 10 | ARCH | Archaeologist | Y | |

Reducing the size of the IROC export

Reducing the size of the IROC export is the most efficient way of reducing import times. You can use the Filter function in IROC to pre-filter resources before exporting. To open the Filter function, click on the filter icon in the upper left corner.

The screenshot shows the IROC application interface. At the top, there is a header with the IROC logo and navigation links: All, Favorites, History, and IROC Help. Below the header is a search bar with the text "QST1 Request Status" and a dropdown menu for "Request Number". To the left of the search bar is a filter icon (a funnel) which is circled in red with an arrow pointing to it. Below the search bar is a filter builder section. It contains several buttons: "Run", "Save...", "AND", "OR", "Add Sort", and a plus icon. Below these buttons are several rows of filter criteria. Each row consists of a dropdown menu for the field, a dropdown for the operator, a text input for the value, and buttons for "AND", "OR", and a red "X" to remove the criterion. The criteria shown are: "Incident Number" starts with "CA-BDF-012520", "Request Number" does not contain "S", "Request Number" does not contain "A", "Request Status" is "At Incident", "Request Status" is "Filled", and "Mobilization Start" is at or after "Yesterday". Below the filter builder is a breadcrumb trail: "All > Incident Number starts with CA-BDF-012520 > Request Number does not contain S > Request Number does not contain A >". At the bottom of the screenshot is a table with columns: "Incident Dispatch GACC", "Incident Dispatch", "Incident Name", "Incident Number", and "Request".

From the drop-down select “Incident Number”, Select “is” or “starts with” and enter your Incident number.
Click the “AND” button.
Select “Request Number”, then “does not contain”, enter “S” (this eliminates supply requests).
Click the “AND” button.
Select “Request Number”, then “does not contain”, enter “A” (this eliminates aircraft requests).
Click the “AND” button.
Select “Request Status”, then “is”, select “At Incident” (limits to resources at incident).
Click the “OR” button.
Select “Request Status”, then “is”, select “Filled” (Also includes resources filled but not yet at the incident).
Click the “AND” button.
Select “Mobilization Start”, then “at or after”, select “Yesterday” (limits to resources since yesterday at 0001).

Obviously, you can alter these suggested filters to meet your needs.

Appendix C - Use of Google Drive files offline

If you aren't connected to a Wi-Fi or mobile network, you can still view and edit files, including:

Google Docs
Google Sheets
Google Slides

Open files offline

To turn on offline access:

You must be connected to the Internet (prior to going offline).

Use the [Google Chrome](#) browser.

Don't use incognito mode.

Install and enable [Google Docs offline Chrome extension](#).

Make sure you have enough free space on your device to save your files.

Open your Google Drive files offline

1. Open Chrome. Make sure you're [signed in to Chrome](#).
2. Go to drive.google.com/drive/settings.
3. Check the box next to "Sync Google Docs, Sheets, Slides & Drawings files to this computer so that you can edit offline."

Limitations while working offline

1. The NIMS IAP Menu and features will not be available.
2. Sharing and multi-user access will not be available.
3. Location services and weather will not be available.

Appendix D – Authorizing NIMS IAP

The Why and How of Authorizing NIMS IAP

Once you create a copy of the NIMS IAP, it is yours, and you may edit or change anything about it, including all source code. However, in order to have the functionality of most of the key features of the NIMS IAP, you must authorize the source code to be able to run on your computer. This needs to be done every time you create a new copy and on every computer that is going to access the source code features. This includes all NIMS IAP menu items and most button selections within the IAP. Standard data entry can be done without authorizing.

What Does Authorization Mean?

It means that you are giving permission to Google Sheets to run the Javascript code that comes with the NIMS IAP. This code is used to perform a vast array of functions within the NIMS IAP. This includes all features on the NIMS IAP menu system and all automation accessed by buttons. You may view and even edit this code from the Tools Menu, <> Script Editor.

What am I allowing it to do?

You are allowing scripts to create or delete tabs, write information to specific cells, and access the Internet for geo-reference, time zone, sunrise/sunset, route of travel, and weather information. All of these actions are based on your menu selections. There is a complete list of selections and actions on page 3 of this document.

When and how do I authorize?

You are going to have to authorize the code prior to selecting any menu option or clicking on any button within the IAP. If you select a button or menu item that invokes a script, Google will ask you to authorize. You can either select “Authorize” from the “IAP Help” menu or simply select any menu item from the NIMS IAP Menu. As a note, there are two separate menus; the Google Sheets Menu and NIMS IAP Menu.

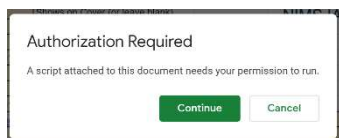


Why does Google tell me that the NIMS IAP is unsafe?

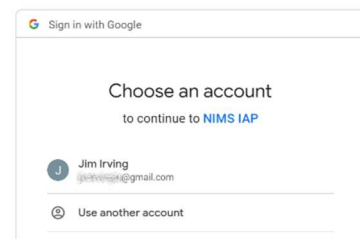
Google will tell you that the app is unverified and therefore unsafe. We have successfully gone through the process to become a verified app with Google. However, as soon as you make a copy, the app is no longer ours – it is yours – and thus, it is no longer verified. As long as no one has altered the code in your version from the time that you copied from our website, it is safe.

What are the Steps to Authorize?

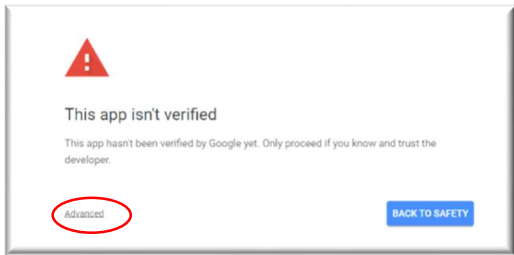
Select Authorize from the IAP Help menu or select any function from any menu.



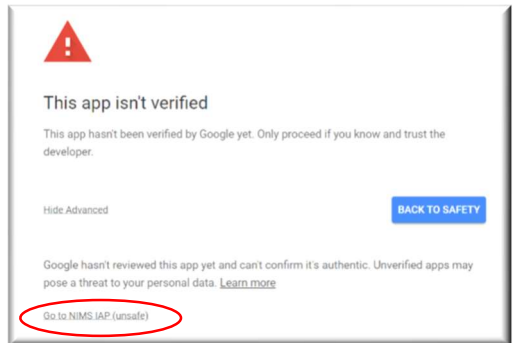
Select Continue.



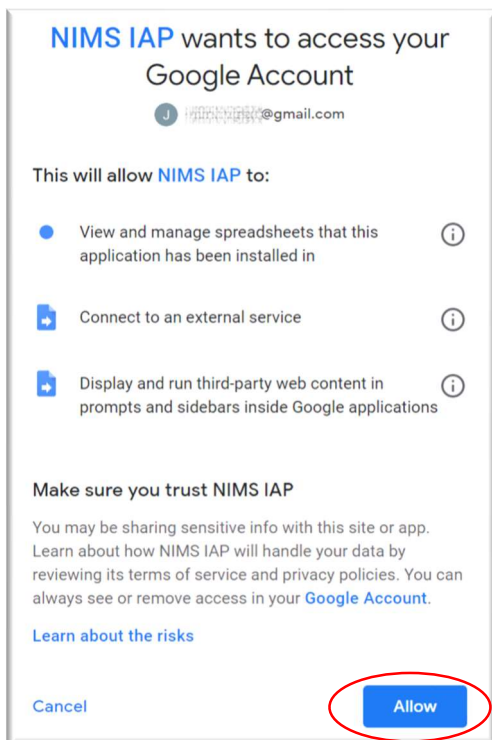
Select your account.



Select Advanced.



Select Go to NIMS IAP.



Select Allow.

Once you allow scripts to run, you will not need to repeat the process for this workbook. However, if you open a new version or you log in as a different user, you will need to repeat authorization.

More About the scripts in the NIMS IAP

Current Document Only

The first line of actual code in the NIMS IAP script limits all code to function only within the current spreadsheet. Thus, it cannot access any other documents within your computer or your Google drive.

```
/**
 * @OnlyCurrentDoc
 */
```

List of Actions for NIMS IAP

Create or Remove Tabs

| | | |
|---------------|---------------------------------|-----------------------|
| NIMS IAP Main | Create Single 204 | Creates new 204 Tab |
| NIMS IAP Main | Create All 204s from 203 | Creates new 204 Tabs |
| NIMS IAP Main | Create all 204s from 203A | Creates new 204 Tabs |
| NIMS IAP Main | Add Page to Current 204 | Creates new 204 Tab |
| NIMS IAP Main | Reset all 204s to a single page | Removes 204 Tabs |
| NIMS IAP Main | Delete All 204s | Removes 204 Tabs |
| NIMS IAP Main | Build Briefing Sheets - 204A | Creates new 204A Tabs |
| NIMS IAP Main | Delete Briefing Sheets - 204s | Removes 204A Tabs |
| NIMS IAP Main | Add Additional 211 page | Creates new 211 tab |

Internet Access and Transmitted Data

| | | |
|-------------------------|-------------------------------|---|
| General Info Page | Update Button | https://www.nimsiap.org – transmits address, place name, or lat/long, Incident Name Returns lat/long, address, sunrise, sunset, timezone, and UTC Offset |
| Weather Page | Update Button | https://www.nimsiap.org – transmits lat/long, Incident Name Returns NWS Fire weather for lat/long |
| 220 Page (FEMA/CalFire) | Update Button | https://api.sunrise-sunset.org – transmits lat/long and Op Period date Returns sunrise and sunset |
| Help Menu | NIMS IAP Help | https://www.nimsiap.org – Link to open NIMS IAP Help (PDF help file) |
| 206 Hospitals | Update Travel Times Button | Google Maps API – transmits lat/long and all hospital addresses in database Returns driving time and mileage from incident to each hospital |