# NATIONAL ARED OPERATIONS







RSAC

United States
Department of Agriculture
Forest Service—Engineering

Remote Sensing Applications Center

September 2008 (DRAFT) RSAC-1309-RPTS

### Infrared Field Users' Guide and Vendor Listings

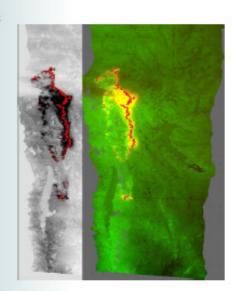
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# Infrared Field Users Guide & Vendor Listings Update



### Status

- Updated guide is now posted on NIROPS site under Reports
  - Still draft
  - Previous version removed from site
- RFI was posted on FedBizOps in May
  - Delayed due to Forest Service access issues to site
- Poor response to RFI and direct emails
  - Responses from only eight vendors
  - Some vendors out of the business or asked to be removed

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### **Future**

- Post RFI again in 2009
  - Remove vendors who have been unresponsive through multiple years
- Split existing guide into two documents
  - IR Field Users Guide
  - Vendor Listing
    - Link through NIROPS website front page

## NATIONAL MED OPERATIONS



### **CalFire Remote Sensing Matrix**

- One page guide for Plans and Ops personnel
- RS assets listed in matrix are those that were used in the last two CA fire sieges
  - Oct. 2007 and June/July 2008
- Post on NIROPS site

### NATIONAL NEW ARED OPERATIONS



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V	endor	Time (hours from resource request to arrival at	Delivery Time (hours from sensor to ICP)	Method (ftp, hard maps, web	Deliverables (lines, polygons, points, imagery, video)	Software (Terrain Navigator Pro, ArcGis, Google	Geo- referenced	Flight Frequency (# of missions from 0600- 1600)	Positional Accuracy (Above or below 40° accuracy)	Mission Type (IA, Continuing Incident, Detection-large area, Mop-up, heavy smoke)	Order Point	Contract	Need IRIN
Ī					TYPE	: Space-	based, Mu	ltiple Fires	5				
MODIS		Real time	neai	ftp, web	images,	Alcais,	Yes	2	1Km	Large fire	N/A	N/A	No
GOES		Real time	Hear	Web	ımäge,	ArcGIS	Yes	Constant	1Km	Large fire	N/A	N/A	No
AVHRE	3	Real time	Hear	Web	ımage,	ArcGIS	Yes	1	1Km	Large Fire	N/A	N/A	No
Landsa		8 days	Hear	Web	Images	ArcGIS	Yes	1	39ft	Rehab	N/A	N/A	No
	agle Vision	3-4 days	3 hours	ftp	Images	ArcGIS	Yes	1	15-30ft	Large lire,	State	No	Yes
		Tale serari			TY	PE: Airbo	rne, Multi	ple Fires		E OR 3D			
NIROP:	S	10-12	4-6	ftp	Folygon,	Alcais,	Yes	1-2	12.5ft.	Detection, large	NICC	Exclusive	Yes
Firemapper		4-6	1-3	GE,	ппаўеіў,	ARGIS,	Yes	3-5	18ft.	Large me,	NICC	Excidsive	No
Kolob A		10-12	5-8	ftp	<del>P Ulygon,</del>	Alceis	Yes	1-2	15-20 ft.	Detection; talige	NICC	Yes	Yes
Range a		1-2 days	1-3 hours	ftp	lmagery, nolugons	ArcGIS, PDE GE	Yes	3-5	<40	Large fire, smoke	NICC	Yes	No
ArgonS		1-2 days	4-6	ftp	imagery,	Alcuis,	Yes	1-2	20-40ft	Large Hre,	NICC	Yes	Yes
Firehaw		24	4-6	ftp	Polygon,	ArcGIS,	Yes	1	<40	Detection, large	NICC	Exclusive	No
Title lo	CILODAI	Disaster	10-12	ftp	Lines	ArcGIS	Yes	1	<40	Large fire	N/A	N/A	Yes
Title 10	U-2	2-5 days	12 Nourc	ftp	Aerial	ArcGIS	No	1	<3ft	Large lire,	N/A	N/A	
TYPE: Airborne, Fire Line Mapping and Mop-up													
Fireball		4-6	1-3	Haiu,	Points, lines	ArcGIS	Yes	1-3	<40	Detection, neat,	GACC	Yes	No
BAMS		4-6	1-3	Hard.			Yes	1-3	10ft	Detection, heat.	GACC	Yes	No
VETS		4-6	1-3	Hard,	Points, lines	ArcGIS	Yes	1-3	10-50ft	Detection, heat,	GACC	Yes	No
TYPE: Airborne, Situational Awareness													
ANG R	C-26	1-2 days	Heal time wil	Video	Still and	N/A	No	Many	<40	Tactical	State	No	No
ANG H	elicopter	1-2 days	Heal Heal	Video	Still and Still and	N/A	No	Many	<40	Tactical	State	No	No
Firewat	ch	4-6	.:	Video,		ArcGIS	Yes	Many	3-6ft	Tactical	GACC	Exclusive	No
ANG C	-130	1-2 days	Hear History	Video	Sidirano Viderana	N/A	No	Many	<40	Tactical	State	No	No
Title 10 I	P-3	1-2 days	Heal timo	Video	Still and uidoo	N/A	No	Many	<40	Tactical	N/A	No	No

