



Benefits of an integrated environment for Building Interior Space/ Facilities Management

July, 2012



NASA Langley
Research Center

Background

GIS Team



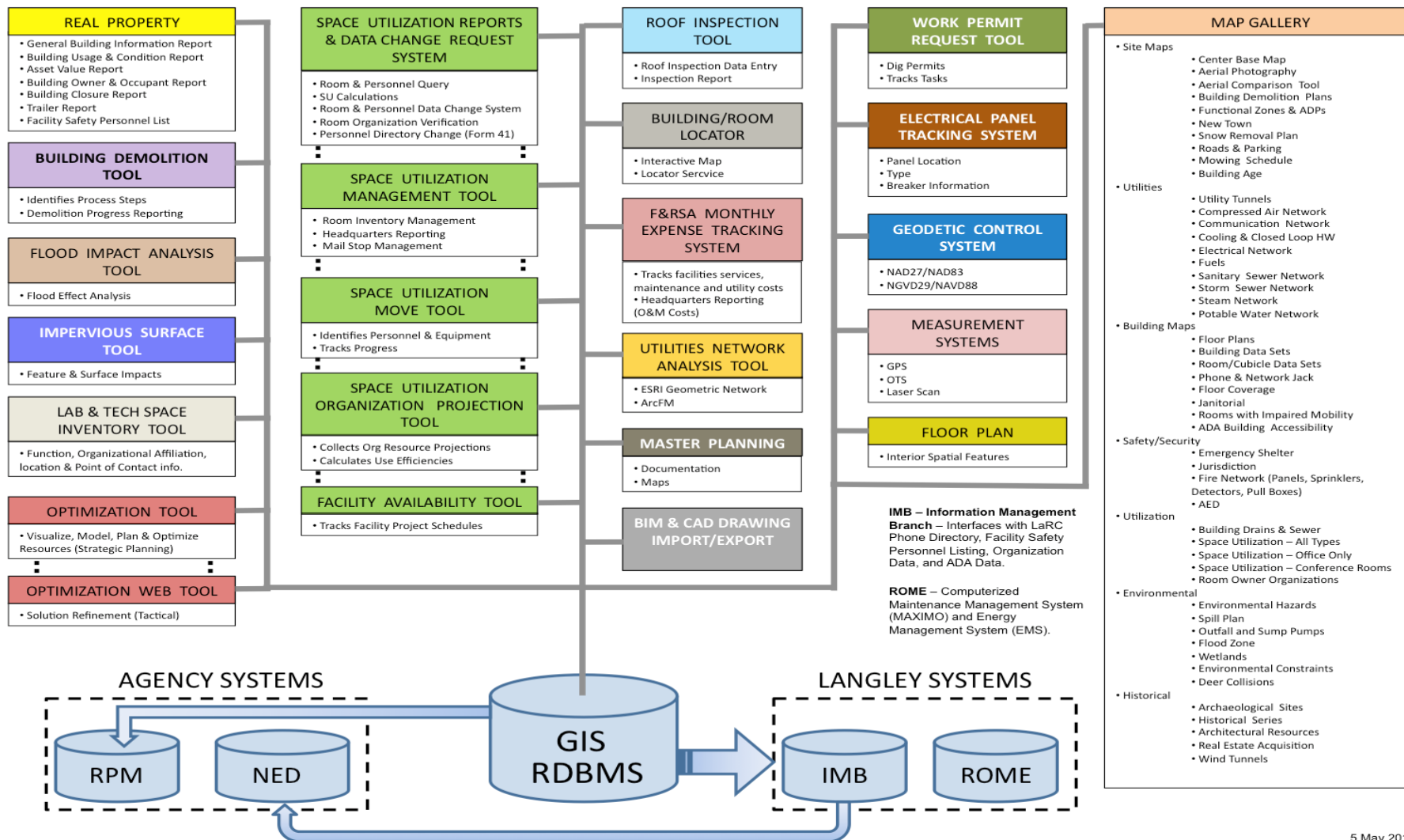
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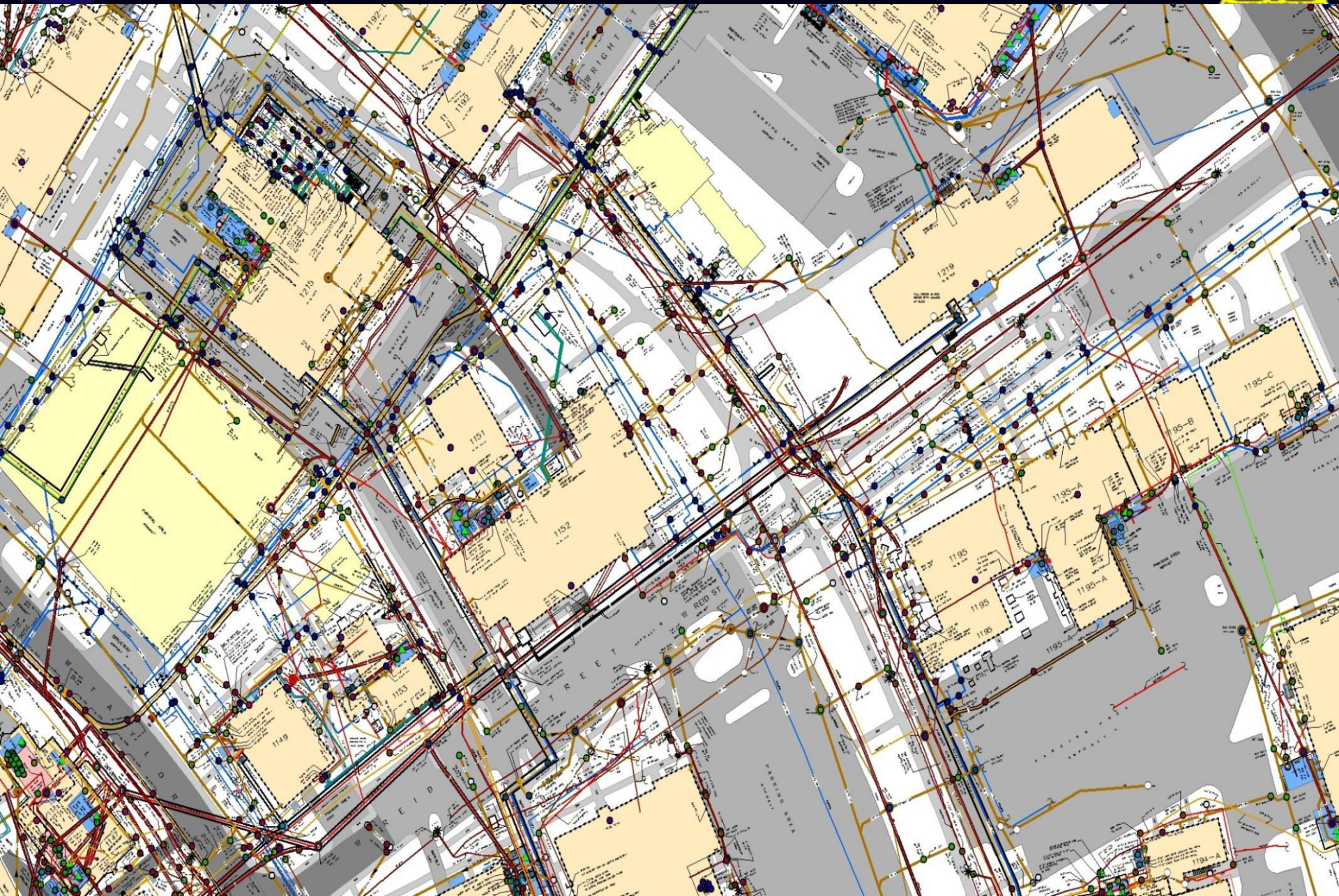


NASA Langley Research Center



Langley Research Center Spatial Data Management & Decision Support





Find Floorplan - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

http://gis-www.larc.nasa.gov/maps/findfloorplan/

Getting Started Latest Headlines

NASA LaRC Floorplan Locator

This tool will help you find floorplan drawings for LaRC buildings. There are three items required to use this tool.

- Enter the building number you are looking for. Note that trailer numbers are required, ie 1209T8 not 1209T.
- Select any optional layers you would like turned on for you.
- Select the output type you would like(PDF or interactive map)

Note that there may be more than one building displayed on the drawing returned to you drawings in the same format as the original CAD drawings.

Building Number or Drawing Name: 1209

Visible Layers:

- ☐ CARD READER
- ☒ ROOM
- ☐ DRAIN
- ☒ PLUMBING FIXTURE
- ☐ FIRE
- ☐ SPRINKLER
- ☐ ELECTRICAL PANEL
- ☐ HANDICAP ACCESS
- ☐ COMMUNICATION JACK
- ☒ WINDOW
- ☒ STAIRS
- ☒ WALL
- ☐ ELEVATOR
- ☒ DOOR
- ☒ STRUCTURAL
- ☐ FLOOR LOAD
- ☐ ROOF
- ☐ FLOOR
- ☒ SITE
- ☒ BORDER
- ☒ DRAWING
- ☒ DRAWING LEADER
- ☐ ROOM LABEL
- ☒ DRAWING ANNOTATION
- ☒ Annotation Class 1
- ☒ ROOM ANNOTATION
- ☒ Default

What do you want?: Interactive Map Find It!

Interactive Map
Adobe PDF

Done

NASA LaRC Master Plan

Zoom In Zoom Out Pan Change Buildings Measure Clear Measure PDF/Print Help

Layers

- ROOM
- DRAIN
- PLUMBING FIXTURE
- FIRE
- SPRINKLER
- ELECTRICAL PANEL
- HANDICAP ACCESS
- COMMUNICATION JACK
- WINDOW
- STAIRS
- WALL
- Partition
- Structural
- CUBICLE
- ELEVATOR
- DOOR
- SINGLE
- DOUBLE
- ROLLUP
- STRUCTURAL
- FLOOR LOAD
- ROOF
- FLOOR
- BORDER
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- Default

NASA LaRC GIS - gis-www.larc.nasa.gov - 1/20/2011

ELECTRICAL PANEL

Req	PANEL NUM	BUILDING	ROOM	FLOOR
1	NL100		H1A	1

Click to activate, then click on feature(s) to get attributes.

NASA Responsible Official: William B. Ball

Questions or Comments?



Data Validation



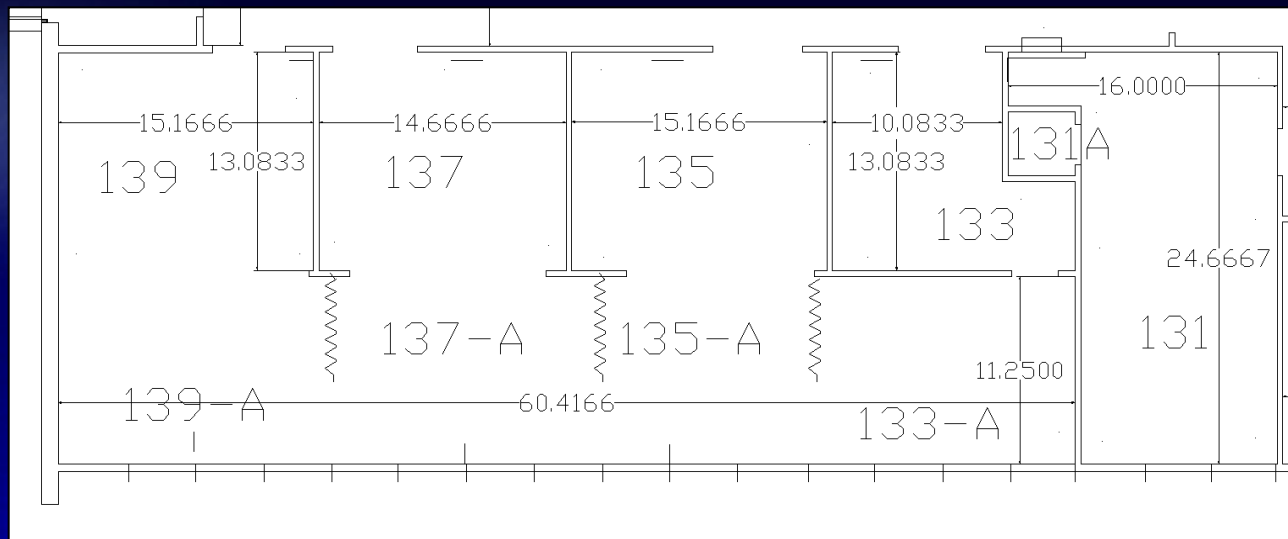
LaRC BLDG 1299 (60,907 sqft)



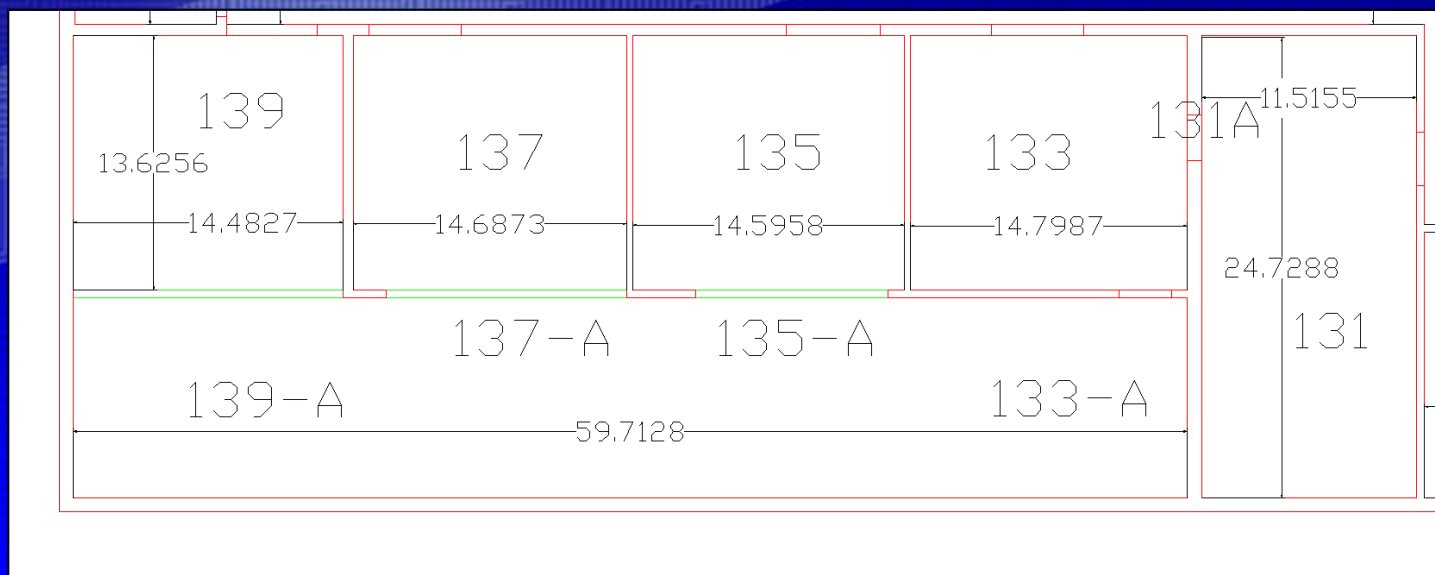
SURVEYED POINTS AND
CORRECTED FACILITY POLYGON



Data Validation



From
Engineering
Drawings



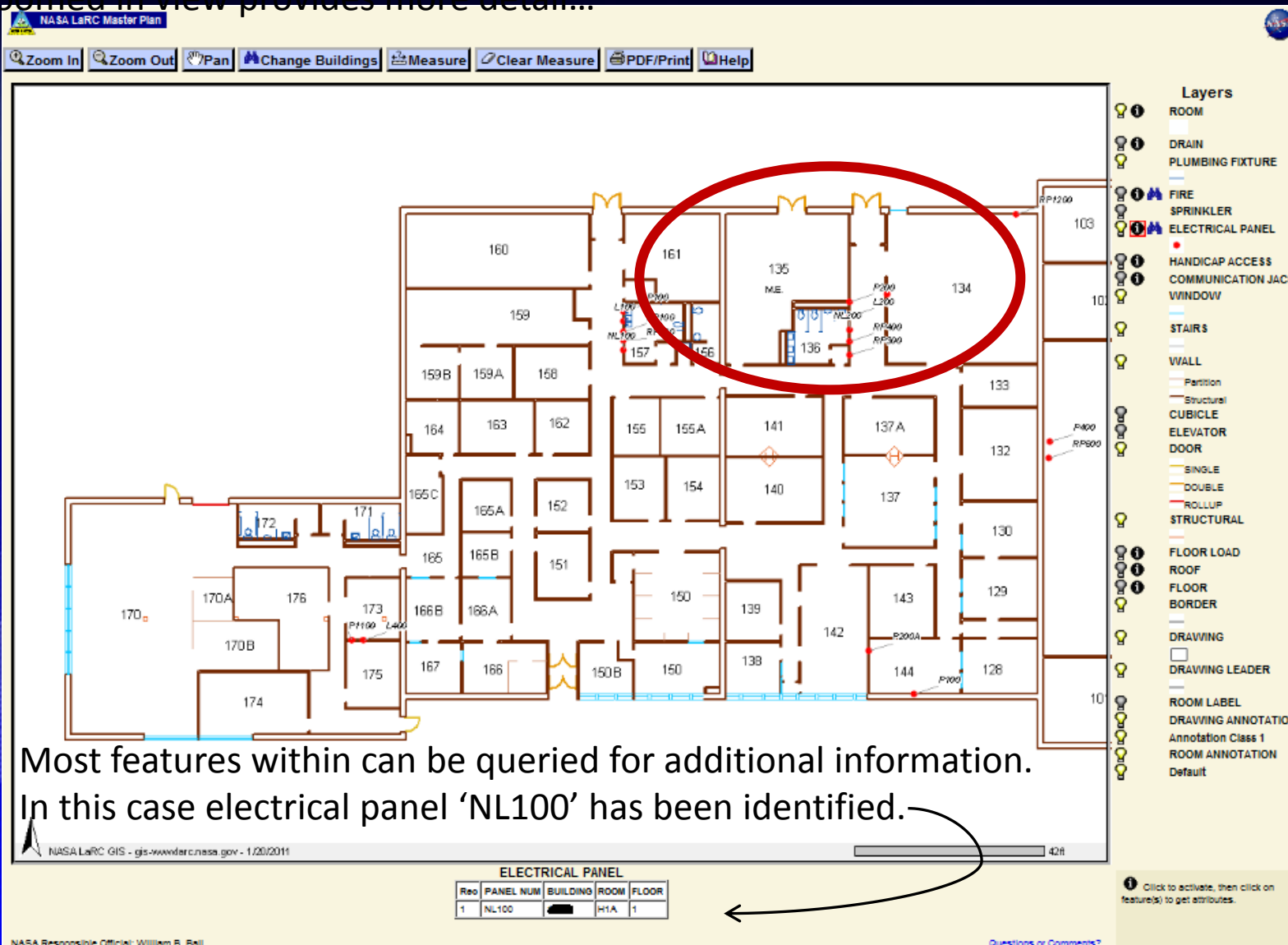
From
Laser
Scan



Interior Details



A zoomed in view provides more detail...





NASA Langley Research Center Electrical Panel Tracking System

nobody

Panelboard Schedule

Panelboard Directory

Panelboard Schedule Selection Criteria

Building # Room # Panel Name Display Rows

[View Matching Panels](#)

[Reset Selection Criteria](#)

Panelboard Schedule Selection Report

View Schedule	Bldg #	Room #	Panel Name	Panel Type	Voltage	Current Amps Rating	Frame Size	Main Breaker Amps	Panel Feed	Mounting	Location Detail
Go!	1238	159	L-100	3 Phase 4 Wire	277/480 VAC	225			Bottom Feed	Flush	Hallway
Go!	1238	173	L-400	3 Phase 4 Wire	120/208 VAC	600		150	Top Feed	Surface	MECHANICAL ROOM
Go!	1238	173	P-1100	3 Phase 4 Wire	277/480 VAC	600		125	Top Feed	Surface	MECHANICAL ROOM
Go!	1238										
Go!	1238										
Go!	1238										
Go!	1238										
Go!	1238										
Go!	1238										

1 - 8

PANELBOARD SCHEDULE

3 Phase 4 Wire
Bottom Feed

120/208 VAC

NL-100
600 A Panel With - AF
Feed From P-100 BRK. #10, VIA45 KVA XFMR

Flush Mounting

Bldg # 1238
100 A Main BKR
Rm -, BLD. 1238 Hallway

[PDF](#)

CKT NO.	AMP	POLE	DIRECTORY	LOAD KVA	WIRE SIZE	WIRE SIZE	LOAD KVA	DIRECTORY	POLE	AMP	CKT NO.
1	20	1	Lights Hallway		10	A	10	Lights outside + foyer	1	20	2
3	20	1	Lights Hallway		10	B	10	Rec Rm 155 N. Wall/Janitor C1	1	20	4
5	20	1	Rec Rm 159 (paging system)		10	C	10	Water cooler	1	20	6
7	20	1	DDC Control Panel		10	A	10	Clock Rec Rm 165	1	20	8
9	20	1	Fan Clean Rm		10	B	10	Code Call J-Box Rm 161	1	20	10
11	20	1	Fan Clean Rm		10	C	10	Rec Rm 159 (Refrigerator)	1	20	12
13	20	1	Rec Hallway		10	A	10	Rec Hallway	1	20	14
15	20	1	SPARE		10	B	12	Rec Clean Rm	1	20	16
17	20	1	Exhaust Hood Rm 160		12	C	12	Light Clean Rm	1	20	18
19	20	1	Lights Rm 156 & 157		12	A	12	Outside Clean Rm/Zerox	1	20	20
21	20	1	SPARE			B	12	FAN Clean Rm	1	20	22
23	20	1	SPARE			C	12	FFS Clean Rm	1	20	24



Management Tool



Edit	Bldg #	Room #	Room Type	Room Use	Cubicle Status	Org	Net Area	# of Occupants	Minimum Occupants	Room Status	Last Update
	582	100	Technical	TNIE - RESEARCH MECHANICAL/ELECTRICAL EQUIPMENT	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	2,425	0		Closed	20-APR-2010
	582	101	Miscellaneous	MSUA - SPECIAL USE AREA	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	139	0		Closed	20-APR-2010
	582	102	Miscellaneous	MSUA - SPECIAL USE AREA	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	66	0		Closed	20-APR-2010
	582	103	Office	OGEN - OFFICE, GENERAL	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	209	0	0	Closed	24-NOV-2010
	582	104	Office	OGEN - OFFICE, GENERAL	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	267	0	0	Closed	20-APR-2010
	582	204	Technical	TCTL - CONTROL ROOM	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	506	0		Closed	20-APR-2010
	582	206	Office	OGEN - OFFICE, GENERAL	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	354	0	0	Closed	20-APR-2010
	582	207	Office	OGEN - OFFICE, GENERAL	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	71	0	0	Closed	20-APR-2010
	582	208	Office	OGEN - OFFICE, GENERAL	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	203	0	0	Closed	20-APR-2010
	582	H1A	Unusable	UCHA - HALL	NONE	P7999 - UNUSABLE UNASSIGNED SPACE	303	0		Closed	16-JUN-2010
	582	H2A	Unusable	UCHA - HALL	NONE	P7999 - UNUSABLE UNASSIGNED SPACE	196	0		Closed	16-JUN-2010
	582	S1A	Unusable	UCST - STAIRWELL	NONE	P7999 - UNUSABLE UNASSIGNED SPACE	27	0		Closed	16-JUN-2010
	582	S2A	Unusable	UCST - STAIRWELL	NONE	P7999 - UNUSABLE UNASSIGNED SPACE	58	0		Closed	16-JUN-2010
	582A	105	Technical	TNIE - RESEARCH MECHANICAL/ELECTRICAL EQUIPMENT	NONE	D501 - SUBSONIC/TRANSONIC TESTING BRANCH	1,042	0		Closed	20-APR-2010

Manage Interior Space

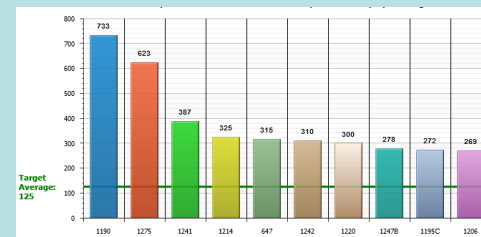
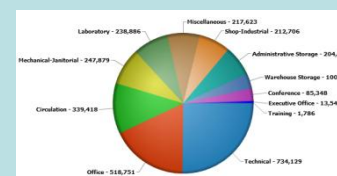
- Additions & Deletions
- Room Numbers
- Type Categorizations
- Track to Cubicle Level
- Responsible Owner (billing)
- Size (ft²)
- Number of Occupants
- Accessible (open/closed)

Query Space Availability



Room #	Usage Code	Plan Codes	Org Code	Area (Sq. Ft.)	# of Current Occupants	# of SES Eligible	# of Managers Eligible	# of Oth Eligible
144	OTXX		D2	245	0	1	0	0
151	OGEN	P7978		119	0	0	0	0
153	OGEN	P7978		125	0	0	0	0
156	OGEN	O	D2A	200	0	1	0	0
159	OGEN		D2	165	0	0	0	1
243	OGEN		D3	238	0	1	0	0
243A	OGEN		D3	59	0	0	0	0
244	OGEN	O	D3	160	0	0	0	1
245	OGEN		D3	127	0	0	0	0
247	OGEN		D3	125	0	0	0	0
				1,563	0	3	2	

Metrics





Move Tool



Select?	Move Index ▲	Move Name	Request Status	Preferred Move Date	Scheduled Move Date	Coordinator Name	Coordinator Phone #	Primary Org Code	# of Personnel	# of Non-Personnel Rooms
<input type="radio"/>	COLE_2012_259	Move Cole to Library	Move Coordinator Approval Completed	07/27/2012		COLE, STUART KIRKHAM	(757) 864-5450	D501	1	0
<input type="radio"/>	CONRY_2012_248	MBarnes1216	Move Scheduled	07/06/2012	07/13/2012	CONRY, SUSAN LYNN	(757) 864-2011	H1	1	0
<input type="radio"/>	DAVIS_2012_243	Relocation of Becky Bales furniture, boxes to Building 1250	Move Scheduled	07/10/2012	07/11/2012	DAVIS, ANGELA M	(757) 864-1607	E3	0	1
<input type="radio"/>	EVANS_2012_244	Jerry Pellett, to B1221C R131	Move Coordinator Approval Completed	07/16/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	EVANS_2012_245	Neal Hass, To B1221 R114	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	EVANS_2012_256	T. Middleton from R114 to R116	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	EVANS_2012_257	R. Irby, from R118 to R114	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	EVANS_2012_258	S. Buccellato, from R120 to R118	Move Coordinator Approval Completed	07/18/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	FORTUNE_2012_180	ASCENDS - 2	Move Scheduled	05/21/2012	07/19/2012	FORTUNE, JENNIFER LYNN	(757) 864-8402	E304	1	0
<input type="radio"/>	FROST_2012_260	Wall Move 1268 to 1195B	Move Scheduled	07/12/2012	07/16/2012	FROST, JENNIFER L	(757) 864-9950	D3	1	0
<input type="radio"/>	FULLER_2012_240	Relocate from room 101A to 129 in Bldg 1247E	Move Scheduled	07/05/2012	07/12/2012	FULLER, FRANKLIN EUGENE	(757) 864-2209	D5	1	0
<input type="radio"/>	FULLER_2012_264	Control Room Replacement	Awaiting Move Coordinator Approval	07/27/2012		FULLER, FRANKLIN EUGENE	(757) 864-2209	D5	0	1
<input type="radio"/>	HENSON_2012_230	Org A2 Relocation to Building 1219	Move Scheduled	07/10/2012	07/26/2012	HENSON, COURTNEY AMBER	(757) 864-9103	A2	6	0
<input type="radio"/>	MILLS_2012_261	Dave Wineman to 1190	Move Scheduled	07/16/2012	07/12/2012	MILLS, CHARLES T	(757) 864-8127	D501	1	0
<input type="radio"/>	NEWSOME_2012_234	CSAOB Group 2	Move Scheduled	06/29/2012	07/09/2012	NEWSOME, LAKESHIA EVETTE	(757) 864-1262	D318	7	0
<input type="radio"/>	REASON_2012_249	Kurt Severance	Move Scheduled	07/06/2012	07/09/2012	REASON, ANGELA FAYE	(757) 864-8576	D207	1	0
<input type="radio"/>	RICKS_2012_250	Phase 1 D302 Office Relocations	Move Coordinator Approval Completed	07/09/2012		RICKS, FELICIA LYNNE	(757) 864-2446	D302	9	0
<input type="radio"/>	RICKS_2012_251	Phase 2 D302 Office Relocations	Move Coordinator Approval Completed	07/16/2012		RICKS, FELICIA LYNNE	(757) 864-2446	D302	8	0
<input type="radio"/>	RICKS_2012_252	Phase 3 D302 Office Relocations	Employees Notified	07/30/2012		RICKS, FELICIA LYNNE	(757) 864-2446	D302	6	0
<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Scheduled	07/16/2012	07/18/2012	SAUNDERS, MAXINE A	(757) 864-2025	B7	6	0
<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Scheduled	07/23/2012	07/18/2012	SAUNDERS, MAXINE A	(757) 864-2025	B7	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	06/04/2012		SCHANZ, ALYSSA MARGUERITE	(757) 864-6531	D202	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	06/29/2012		SEITZ, TERRIE T	(757) 864-5000	E6	4	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	06/06/2012		YOUNG, SEBRENNIA LAVON	(757) 864-9474	D501	0	1



Move Tool

GIS Team



Select?	Move Index ▲	Move Name	Request Status	Preferred Move Date	Scheduled Move Date	Coordinator Name	Coordinator Phone #	Primary Org Code	# of Personnel	# of Non-Personnel Rooms
<input type="radio"/>	COLE_2012_259	Move Cole to Library	Move Coordinator Approval Completed	07/27/2012		COLE, STUART KIRKHAM	(757) 864-5450	D501	1	0
<input type="radio"/>	CONRY_2012_248	MBarnes1216	Move Scheduled	07/06/2012	07/13/2012	CONRY, SUSAN LYNN	(757) 864-2011	H1	1	0
<input type="radio"/>	RICKS_2012_252	Phase 3 D302 Office Relocations	Move Scheduled	07/10/2012	07/11/2012	DAVIS, ANGELA M	(757) 864-1607	E3	0	0
<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Coordinator Approval Completed	07/16/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
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<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
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<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_262	Building 1219	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SCHANZ_2012_206	B. Trieu Move	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
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<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
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<input type="radio"/>	SEITZ_2012_236	B1298 Move "A"	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	YOUNG_2012_212	Furniture Bldg 1236 Rm 232	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
<input type="radio"/>	SAUNDERS_2012_253	Bldg 1194 (old STI space)	Move Coordinator Approval Completed	07/17/2012		EVANS, LAURA DANIELLE	(757) 864-8423	D306	1	0
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<input type="radio"/>	SAUNDERS_2									



Verification of Current Resource Allocation

- Periodic Validation of Personnel and Spatial Resources by Organization/Group

Current Onsite Complement Breakdown for D4

Personnel Classification	# Persons	Room Classification	# Rooms	Sq. Ft.
Civil Servant SES/Senior Level Managers	2	Executive Office	2	511
Civil Servant Managers	1	Office	23	5,195
Civil Servant Level II Project Managers	0	Conference	4	2,114
Civil Servant Principal Investigators	0	Training	0	0
Civil Servant Project Scientists	0	Laboratory	5	1,560
Civil Servant Employees	9	Technical	5	1,451
Contractor Managers	9	Shop-Industrial	9	27,630
Contractor Employees	10	Administrative Storage	5	2,164
Other Requiring Private Office	0	Warehouse Storage	3	1,047
Other Employees	0	Miscellaneous	12	2,214
		Operational	0	0
		Transient	0	0

Click on a classification name for its definition.
Click on # Persons or # Rooms to view and/or correct current complement details.
The Organizational Verification/Corrections Tool is recommended for extensive corrections.
Allow 2 business days for corrections to be processed.

Next

Room Data Corrections								Close
Building #	Room #	Display Map	Square Feet	# of Occupants	Sq. Ft. per Person	Open ?	Room Usage	
1229	139		214	0	0	Y	SHIPPING	
1229	234		176	0	0	Y	SHIPPING	
1288	103		657	0	0	Y	HAZARDOUS MATERIALS	
Report Total Spreadsheet			1,047	0				

Personnel Directory Corrections Room Data Corrections Close

Name	Employee #	NASA Supervisor Position	Building #	Room #	Cubicle #	Room Assigned To Org. Code	Room Type
ALLEN, CHERYL L	LA3129AZ	ALL OTHER PAID CIVIL SERVICE	1229	210A		D4	Office
BURRIS, RODNEY T	LA3004AC	ALL OTHER PAID CIVIL SERVICE	1195	1002		B601	Office
CHAMALA, L	LA3035AJ	ALL OTHER PAID CIVIL SERVICE	1229	148		D4	Office
MCLENNEN, GUSTAVO	LA1106CS	ALL OTHER PAID CIVIL SERVICE	1229	210		D4	Office
NILES, CHARLES E	LA7035AA	ALL OTHER PAID CIVIL SERVICE	1229	110		D4	Office
OSBORN, JAMES A	LA3047AD	ALL OTHER PAID CIVIL SERVICE	1229	110A		D4	Office
QUENVILLE, THOMAS J	LA1002AT	ALL OTHER PAID CIVIL SERVICE	1195	1004		B601	Office
QUINTANA, FLOYD ANTHONY	LA1105CD	ALL OTHER PAID CIVIL SERVICE	1229	120D		D402A	Office
WATKINS, LUCY B	LA3086AT	ALL OTHER PAID CIVIL SERVICE	1229	108		D401B	Office

Spreadsheet

Projection Analysis

- Tactical Planning (6 -12 Month Projections)
- Strategic Planning (3 & 5 Year Projections)

Organization Projections Data Report

[Return to Selection Criteria](#)

* If the numbers displayed for an organization are entirely zeros, it typically represents that the organization has not completed projections yet for this data call.

		Data Call: FWO DEMONSTRATION Status: Open Date Range: 09/30/2011 - 10/14/2011				
Organization	Personnel Classification / Room Type	Start	6 mo.	1 Yr	3 Yr	5 Yr
D4 - CENTER OPERATIONS DIRECTORATE	Civil Servant SES/Senior Level Managers	2	2	2	2	2
	Civil Servant Managers	1	1	1	1	1
	Civil Servant Level II Project Managers	0	0	0	0	0
	Civil Servant Principal Investigators	0	0	0	0	0
	Civil Servant Project Scientists	0	0	0	0	0
	Civil Servant Employees	9	9	12	7	7
	Contractor Managers	0	0	3	3	3
	Contractor Employees	10	10	10	10	10
	Other Requiring Private Offices	0	0	0	0	0
	Other Employees	0	0	0	0	0
	Conference	4	5	5	5	5
	Training	0	0	0	1	1
	Laboratory	5	5	5	5	5
	Technical	5	5	5	5	5
	Shop-Industrial	9	9	9	9	9
	Administrative Storage	6	6	6	4	4
	Warehouse Storage	3	3	3	4	4
	Miscellaneous	10	10	10	10	10
	Operational	0	0	0	0	0
	Transient	0	0	0	0	0

Spreadsheet LRDF

Upcoming Changes

- 1 Yr - increase 3 CS
- 1 Yr - Increase 3 Contract Managers

On the Horizon

- 3 Yr - Decrease 5 CS
- 3 Yr - Need for Training Classroom
- 3 Yr - Relinquish 2 Admin Storage Rooms



Org. Projection

GIS Team



Report Numbers of Personnel And Additional Square Footage Needed

Directorate RollUp Summary Report - Personnel/Office Totals									
Return To Selection Criteria									
Zero numbers can represent that the organization has not completed projections for this Call Name.									
Organization	Personnel Classification	Start	Projected Personnel Change Total	Projected Personnel Change Percentage	Projected Private Offices Change	Projected Private SQ FT Change	Projected General Office SQ FT Change		
Organization Total:		0	0	0	0	0	0		
C4 - SYSTEMS MANAGEMENT OFFICE	Civil Servant SES/Senior Level Managers	0	0	0	0	0	0		
	Civil Servant Managers	0	0	0	0	0	0		
	Civil Servant Level II Project Managers	0	0	0	0	0	0		

Center RollUp Summary Report - Personnel/Office Totals									
Return To Selection Criteria									
Personnel Classification	Start # Personnel	3 Year # Personnel	Projected Personnel Change Total	Projected Personnel Change Percentage	Projected Private Offices Change	Projected Private SQ FT Change	Projected General Office SQ FT Change		
Organization Total:	48	52	4	8%	4	800	0		
D1 - RESEARCH SERVICES DIRECTORATE	127	130	3	2%	3	450	0		
	0	1	1	100%	1	150	0		
	0	0	0	0%	0	0	0		
	0	1	1	100%	1	150	0		
	1,366	1,439	73	5%	0	0	5,840		
	0	6	6	600%	6	900	0		
	1,573	1,614	41	3%	0	0	3,280		
	0	3	3	300%	3	450	0		
	24	25	1	15%	0	0	1,880		
Center Total:	3,354	3,522	168		18	2,900	12,000		

Spreadsheet | PDF
 1 - 10
 Return To Selection Criteria



Langley Research Center Personnel Directory and Room Change System

MAIN MENU

1. Request Personnel Directory Change

(Electronic Langley Form 41 - LaRC Directory Change Notice to report the current telephone number, mail stop, and work location for all NASA civil servants and affiliated non-NASA personnel housed on or off the Center.)

2. Request Room Data Change

(Space Utilization Change Notice to report missing rooms, non-existing rooms, room ownership changes, room type corrections, and master plan updates.)

3. Check Change Request Status

(Verify the status of requests created - All Larc Personnel)

4. Form 41 Administrator Check Change Request and Update Request Status

(Authorized Personnel Only - Requires Password Authentication)

5. Space Utilization Administrator Check Change Request and Update Request Status

(Authorized Personnel Only - Requires Password Authentication)



Langley Research Center Personnel Directory and Room Change System

Room, Organization, & Personnel

With hyperlinks

1238 - 1238 COMPLEX										
Room #	Assigned Organization	Room Type - Subtype	Substandard?	Closed?	Net Sq. Ft.	# of Cubicles	# of Occupants	Avg. Office Sq. Ft. Per Person	Min Office Occupancy	Max Office Capacity
150B	D402B	Office - OFFICE, GENERAL			133	0	1	133	1	1
150C	D402B	Office - OFFICE, GENERAL			168	0		168	1	2

Building 1238 Room 150B

Occupant's Name	Employee Type	Phone Number	NASA Position	Employee Title	Occupant's Organization	Occupant's Affiliation
LAWLESS, EDWARD	Civil Servant	(757)864-9618	ALL OTHER PAID CIVIL SERVICE	ADMINISTRATIVE PROGRAM MANAGER	D402B	MAINTENANCE & UTILITIES BRANCH

Organization Personnel Locator



D402B - MAINTENANCE & UTILITIES BRANCH

Room #	Cubicle	Employee Type	Phone Number	NASA Position	Employee Title	Occupant's Affiliation
		Civil Servant	(757)864-2128	ALL OTHER PAID CIVIL SERVICE	ELECTRICAL ENGINEER	MAINTENANCE & UTILITIES BRANCH
		Contractor	(757)864-4227		GIS Analyst	LITES
		Civil Servant	(757)864-5216	ALL OTHER PAID CIVIL SERVICE	AST, EXPERIMENTAL FACIL DEVEL	MAINTENANCE & UTILITIES BRANCH
		Civil Servant	(757)864-3721	BRANCH OR OFFICE CHIEF	SUPV EQUIP FACILITIES & SERVICES SPEC	MAINTENANCE & UTILITIES BRANCH
		Civil Servant	(757)864-6402	ALL OTHER PAID CIVIL SERVICE	SUPPORT SERVICES SPECIALIST	MAINTENANCE & UTILITIES BRANCH
		Civil Servant	(757)864-5745	ALL OTHER PAID CIVIL SERVICE	CONSTRUCTION CONTROL REPRESENTATIVE	MAINTENANCE & UTILITIES BRANCH
		Civil Servant	(757)864-6955	ALL OTHER PAID CIVIL SERVICE	AST, EXPERIMENTAL FACILITY DEV	MAINTENANCE & UTILITIES BRANCH
		Civil Servant	(757)864-3689	ALL OTHER PAID CIVIL SERVICE	FACILITY OPERATIONS SPECIALIST	MAINTENANCE & UTILITIES BRANCH

Locate:
Search: NASA LARC
View: Room Level
Building: 1238
Room (optional): 150B
Options:
Room Numbers
Map Size: Small
Printable Map
Export to PDF
Need Help??

NASA LARC Building and Room Locator

If you need floor plan information, click here. If you need more detailed location information, click here. If you need more detailed location information, click here.

Map of Building 1238 showing Room 150B highlighted.

NASA LARC GIS Team

Area Of Interest: Zoom In 2x Zoom To

Average

Room #	Assigned Organization	Room Type - Subtype	Substandard?	Closed?	Net Sq. Ft.	# of Cubicles	# of Occupants	Avg. Office Sq. Ft. Per Person	Min Office Occupancy	Max Office Capacity
1195	1009									
1229	132C									
1229	236C									
1229	236D									
1229	236E									
1229	236G									
1229	236I									

Min Office Occupancy	Max Office Capacity
1	1
12	19
1	2
20	31
Min Office Occupancy	89 Max Capacity
Sq. Ft. Per Person	Sq. Ft. Per Person



Calculations



Calculate LaRC's Net Square Footage

- ☒ Center Level or Plan
- ☐ Organizational Group Level

- ☐ Exclude Unusable Space (P7999)
- ☐ Exclude Substandard Rooms
- ☒ Exclude Closed Rooms

Calculate Average Office Space per Person (excludes Executive Offices per revised guidelines, unless noted otherwise)

- ☒ Total Net Office Space / Total Office Occupants (HQ Method)
- ☐ Average Office Space per Organizational Group
- ☐ Average Office Space per Personnel Classification (Unoccupied offices are NOT factored, Executive Offices are factored)

Calculate Number of Under Occupied Offices

Calculate Number of Onsite Personnel

- ☒ Center Level
- ☐ Organizational Group Level

Net Square Footage (Directorate/Center)

- Average Office Space Per Person
- Number of Onsite Personnel (by Org/Center)
- Center Office Capacity
- Number of Under and Over Utilized Offices

Calculate LaRC's Office Occupancy Capacity

- ☐ Exclude Substandard Rooms

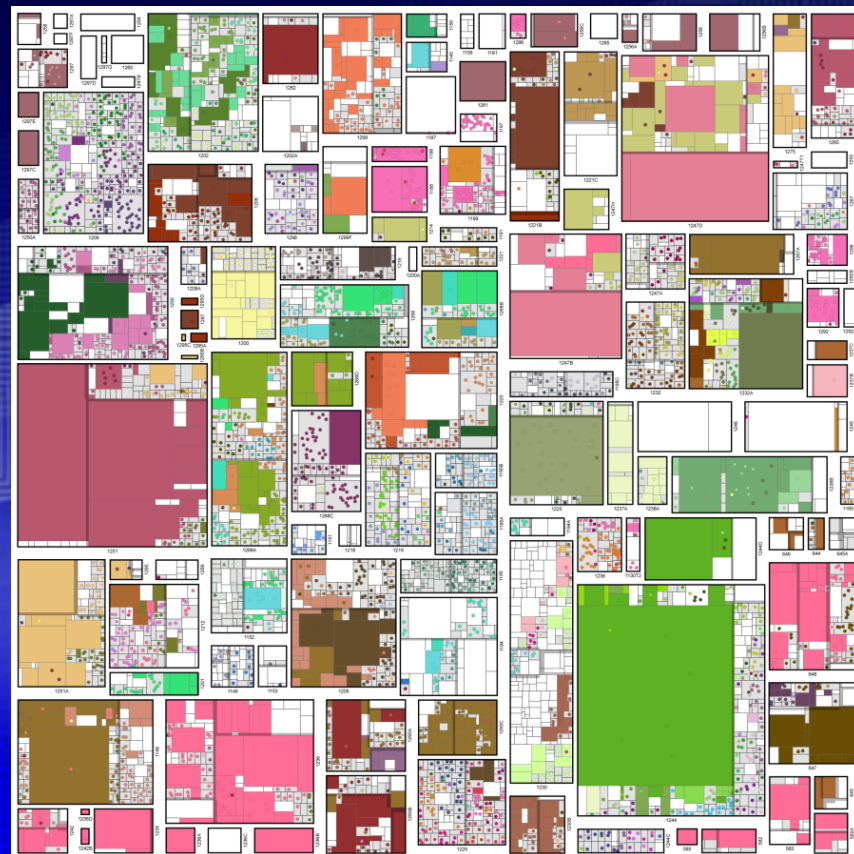
Calculate Number of Over Occupied Offices



Space Planning



- Visualize assets
- Model organizational synergy, operational costs
- Plan complex move constraints
- Optimize solutions to save money and improve effectiveness





Space Planning



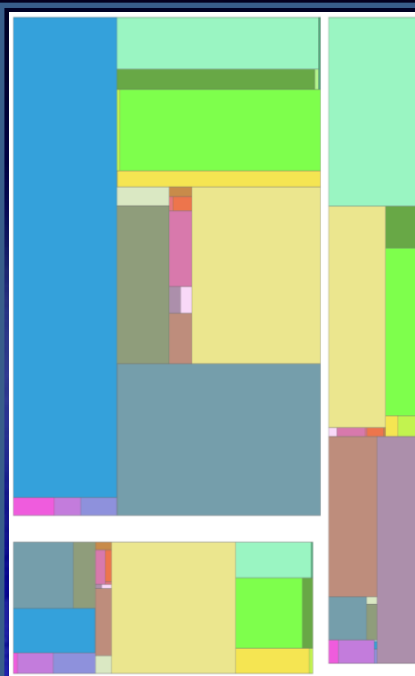
Space Visualization

Navy (All Regions)

Summarized by Installation

Color by Function

(data for CNRMW Only)



CNRMW

CNRMA

CNR
SW

CNRH

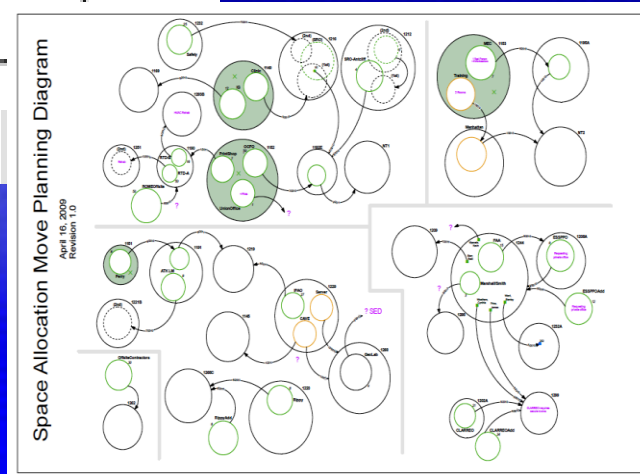
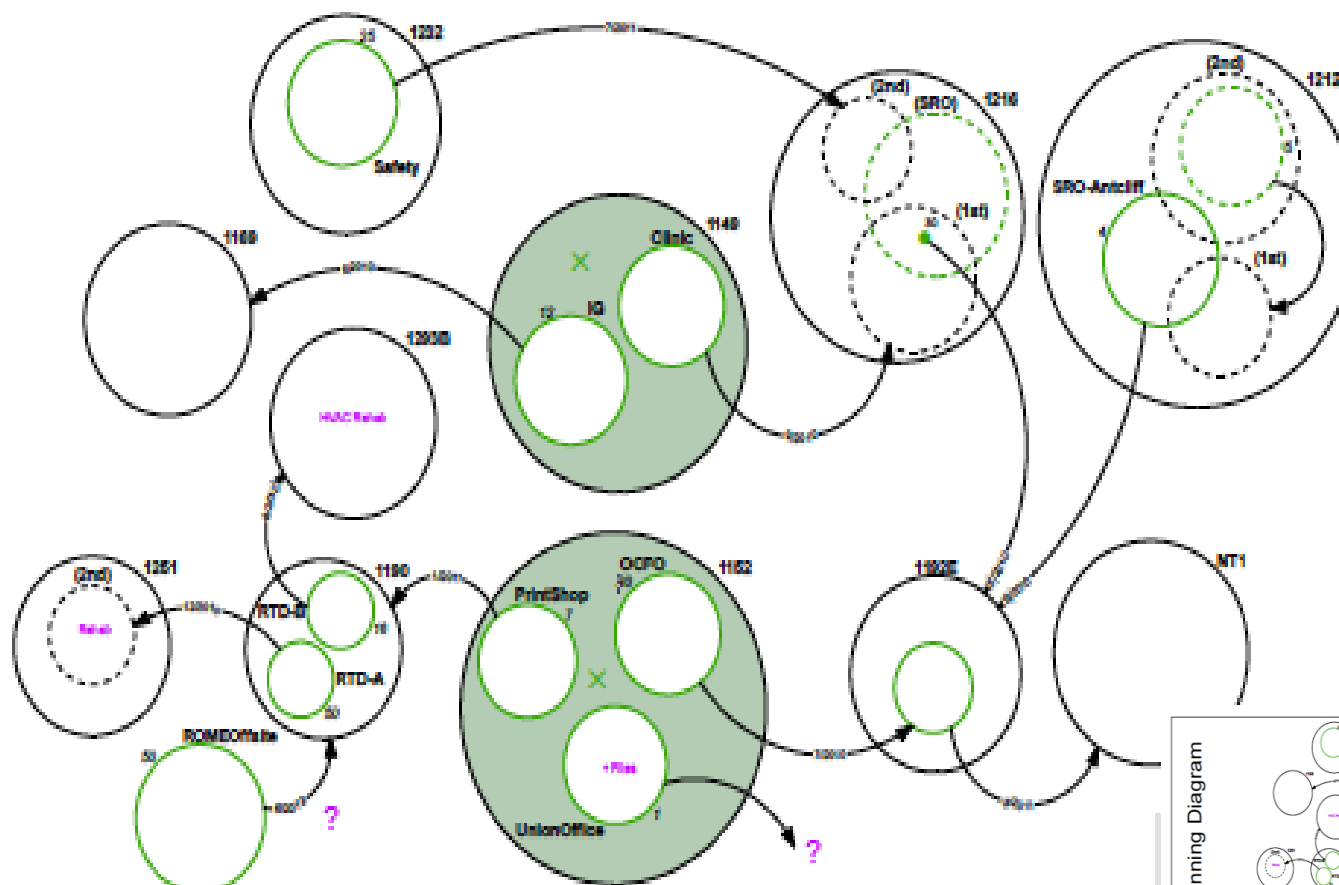
CN
RSE

CNREURAFSWA

- ADP --Data Processing
- AUD --Auditorium
- BRK --Barracks
- CHC --Child Care
- CNF --Conference / Classroom
- FIT --Physical Fitness / Exercise
- HCT --Clinic / Health Center
- IND --Light Industrial
- LBD --Laboratory -- Dry
- LBW --Laboratory -- Wet
- LCK --Locker
- LGL --Legal
- LIB --Library
- MLC --Mail Center
- OFC --Office
- PRK --Parking
- RTL --Joint Use Retail
- SEC --Security
- STO --General Storage
- UNA --Unassigned
- VET --Vet Clinic
- WHS --Warehouse
- WOR --Place of Worship



Constraint Diagram





Optimization Plan



■ The Future

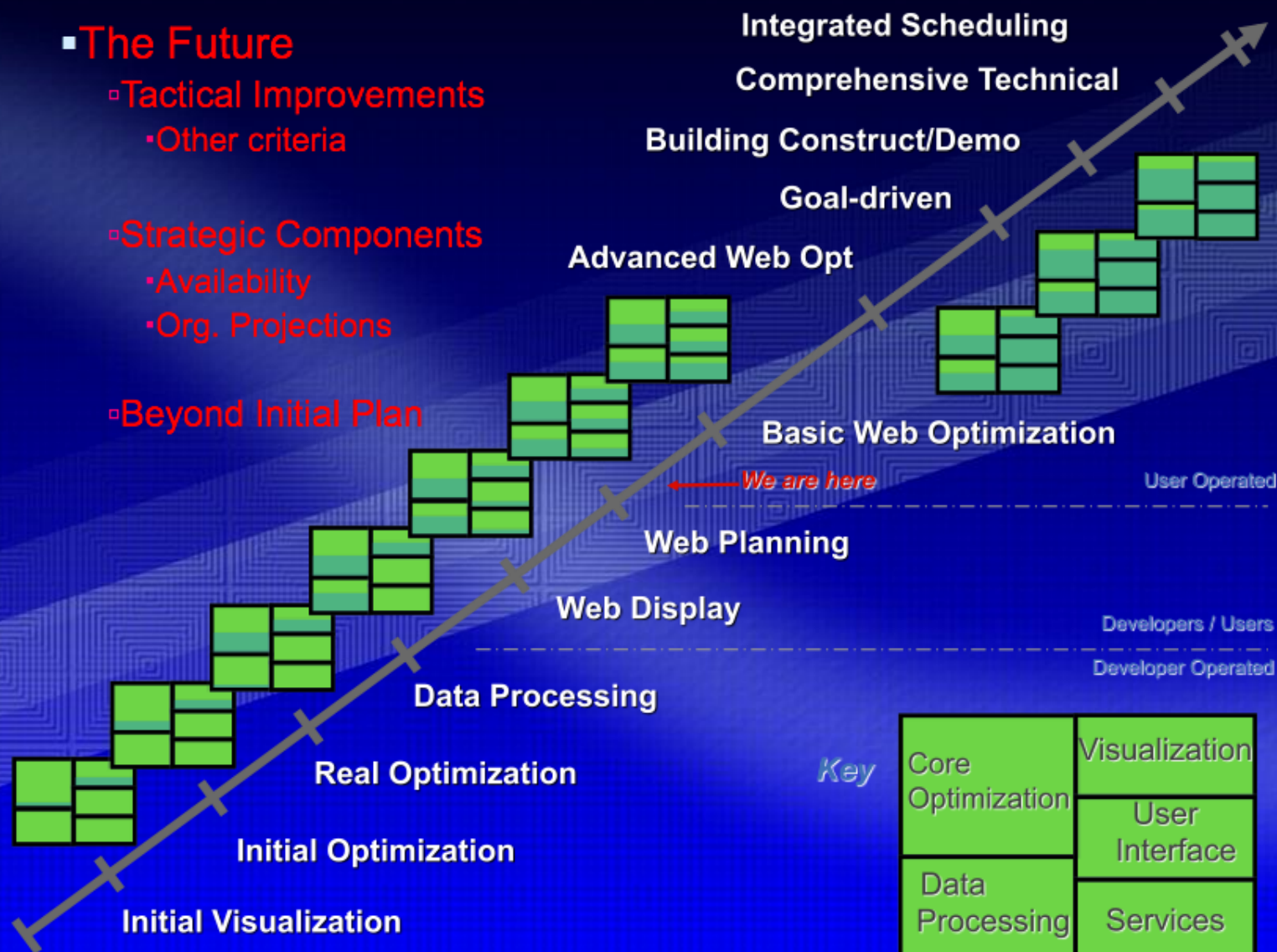
▫ Tactical Improvements

- Other criteria

▫ Strategic Components

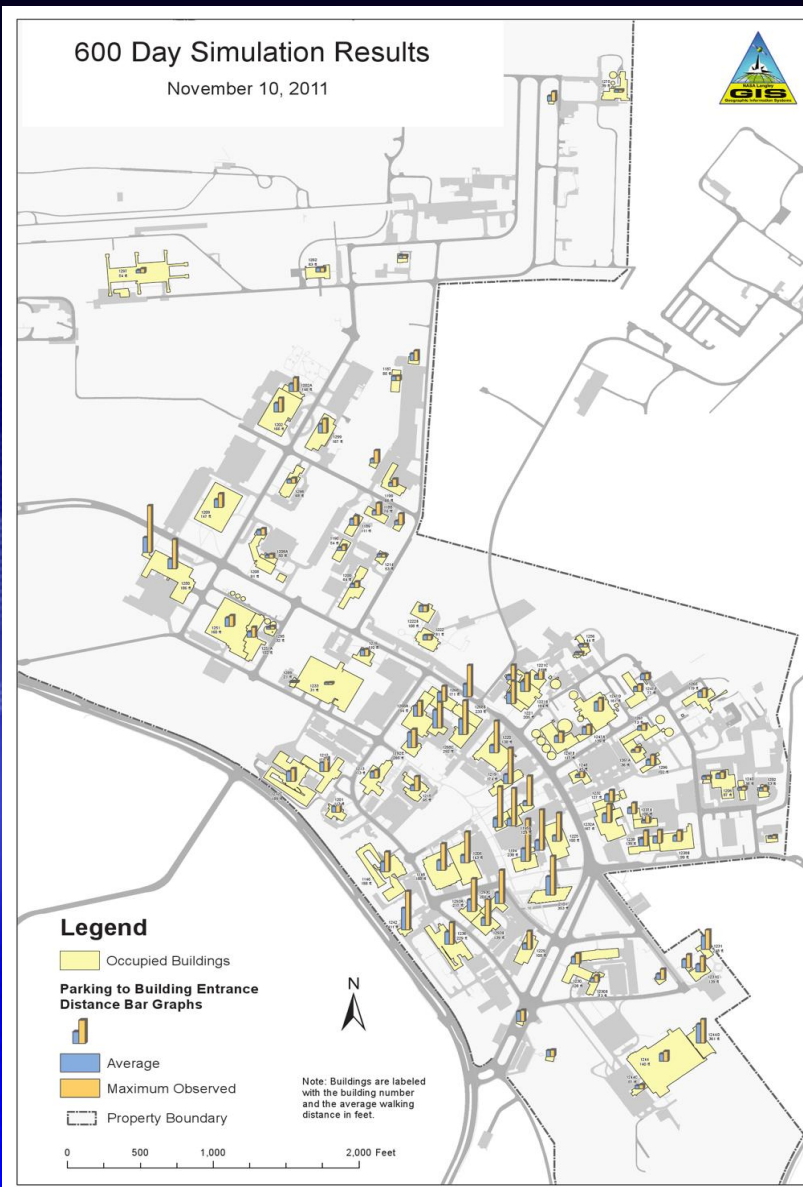
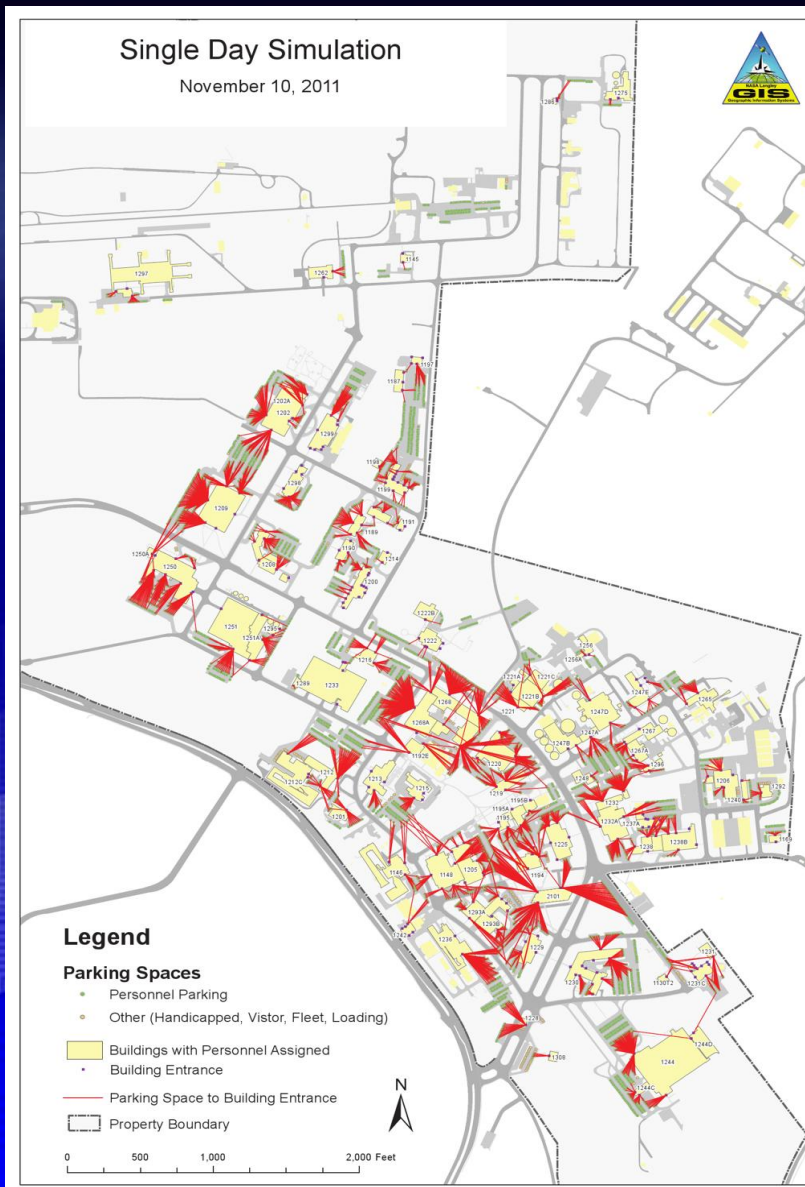
- Availability
- Org. Projections

▫ Beyond Initial Plan



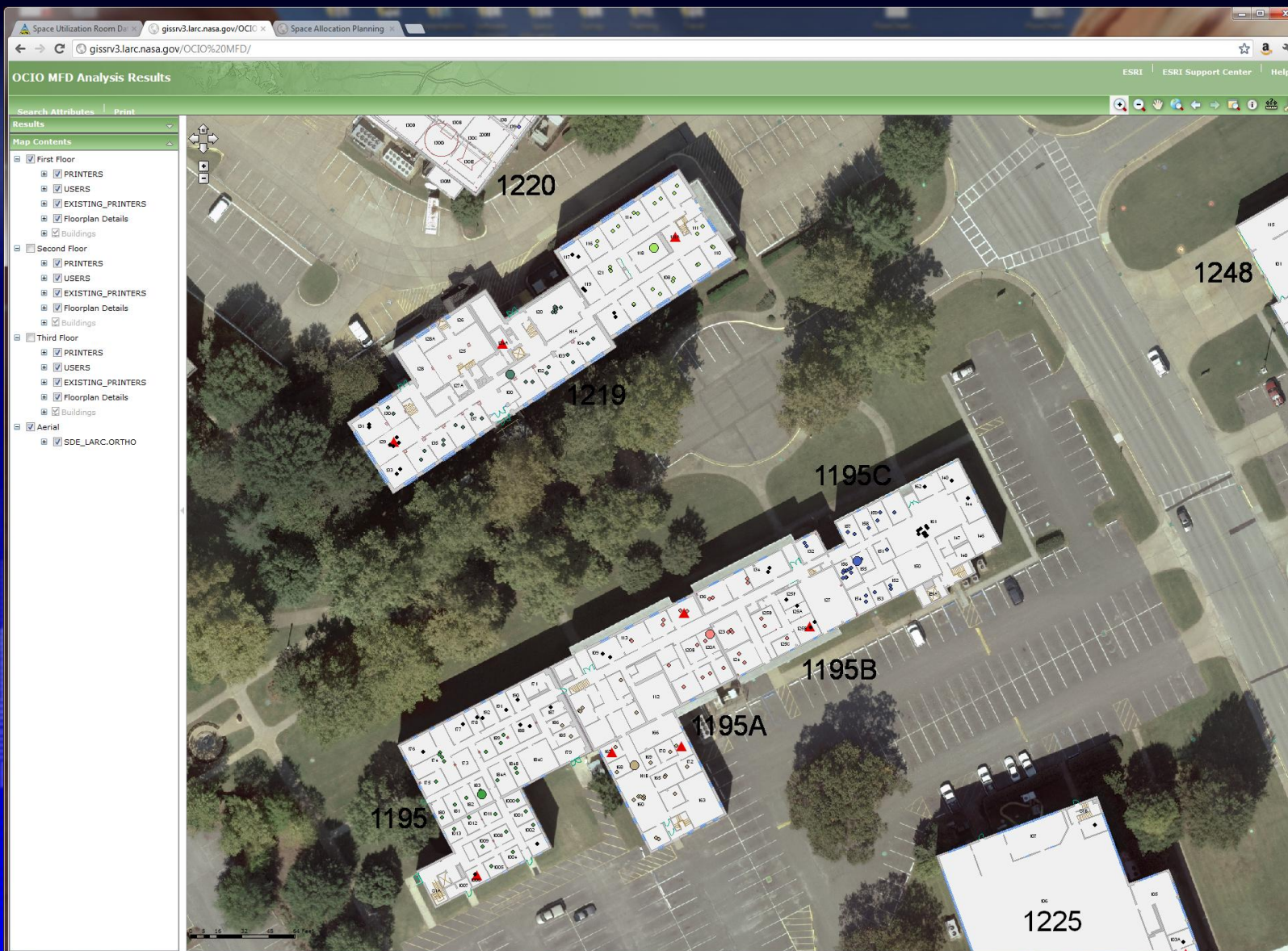


Parking Analysis





Printer Placement





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