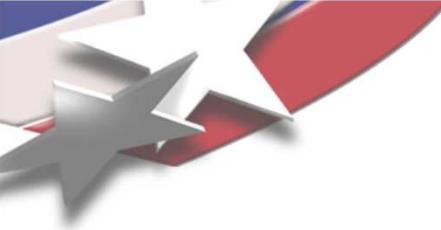


# Management Assurance & Process Improvements

August 12, 2008  
Chuck Duus, 6301



## Management Assurance

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- ◆ Consistent with and enhanced by Division processes for operations, performance management, and quality.
- ◆ 6300 processes via ILMS
- ◆ 6300 Work Controls recently redeveloped, received positive marks from Brad Elkin.



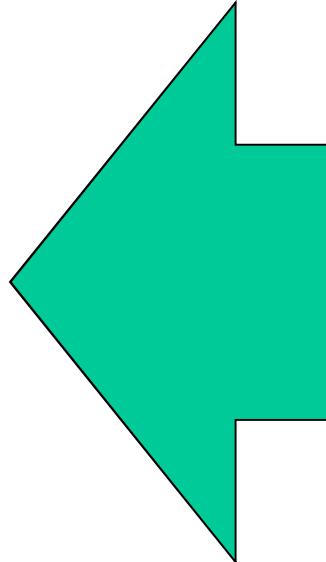
# Space Utilization Improvement Team (SUIT)

## 6S Is...

- ◆ Sort
- ◆ Straighten
- ◆ Shine
- ◆ Standardize
- ◆ Safety
- ◆ Sustain



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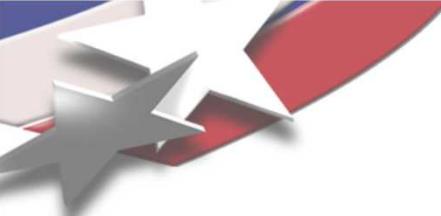
- (1) Remove unnecessary furniture, equipment, etc.
- (2) Remove Items not allowed on floor
- (3) Properly secure computer and equipment cords
- (4) Maintain all equipment (computer & mechanical)
- (5) Properly label & clearly mark maintenance checks
- (6) Organize books, files, tools, fixtures, supplies, & chemicals
- (7) Keep area free of debris & clean
- (8) Meet SNL ES&H area requirements
- (9) Meet document and computer security requirements
- (10) Identified area properly to agreed & required building standard
- (11) Store equipment needed to perform jobs in convenient locations
- (12) Have clear, complete & consistent labeling
- (13) Have cleaning station
- (14) Use daily checklist for area w/specific owner's name
- (15) Use monthly checklist for area w/ specific owner's name
- (16) Ensure posted items & signage meet the agreed area standards

# Partial Stoplight Worksheet

Bldg	Cluster	Owned by Org.:	Location:	Location Owner:	Useable percent of area (how much of area is available for new projects).	Potential Annual Cost Savings (SQ FT x % Area x [(Cost/sq ft) / SQ FT])	6S Score	Number of Questions answered YES
701	6310	6312	NM/701/B100C	na	100%	10167.37	na	
	6310	6314	NM/823/1013	UHL, JAMES EUGENE	100%	5211.75	32.5	
	6310	6312	NM/823/1230	WALLACE, SAMUEL T.	100%	8300.64	32.5	Office PHS
	6310	6312	NM/823/1238	WALLACE, SAMUEL T.	100%	8322.09	26.25	Office PHS
	6310	6316	NM/823/1260	ANDERSON JR., HOWARD L	0%	6980.27	53.75	1
	6310	6314	NM/823/1286	ELBRING, GREGORY J.	70%	10134.89	43.75	
	6310	6315	NM/823/1298	COSTIN, LAURENCE S.	80%	9918.47	40	1
	6310	6315	NM/823/1298	COSTIN, LAURENCE S.	80%	9918.47	40	2
	6310	6316	NM/823/2035	ANDERSON JR., HOWARD L	30%	1872.41	55	1
	6310	6316	NM/823/2035A	ANDERSON JR., HOWARD L	0%	0.00	55	1
	6310	6313	NM/823/2063	HART, DAVID	75%	3088.33	43.75	Office PHS
	6310	6313	NM/823/2063A	HART, DAVID	75%	4793.65	43.75	Office PHS
	6310	6313	NM/823/2081	HO, CLIFFORD K.	100%	8493.70	60	2
	6310	6316	NM/823/2087	KRUMHANSL, JAMES L.	20%	1246.28	50	1
	6310	6316	NM/823/2266	ANDERSON JR., HOWARD L	50%	3120.69	62.5	0
	6310	6316	NM/823/2276	CYGAN, RANDALL	0%	0.00	81.25	Office PHS
	6310	6316	NM/823/2296	ANDERSON JR., HOWARD L	100%	12418.18	71.25	4
	6310	6316	NM/823/2296A	ANDERSON JR., HOWARD L	100%	31524.9	73.75	4
	6310	6316	NM/823/2296B	ANDERSON JR., HOWARD L	0%	0.00	81.25	4
	6310	6316	NM/823/2296C	ANDERSON JR., HOWARD L	50%	2091.06	68.75	
	6310	6316	NM/823/2296D	ANDERSON JR., HOWARD L	0%	0.00	70	4
	6310	6313	NM/823/4270	ALTMAN, SUSAN J.	0%	0.00	67.5	2
	6310	6316	NM/823/B39	ANDERSON JR., HOWARD L	100%	15593.65	63.75	1
	6310	6316	NM/823/B39	ANDERSON JR., HOWARD L	100%	15593.65	63.75	2
	6310	6314	NM/823/B55	ELBRING, GREGORY J.	80%	7103.85	41.25	1
	6310	6314	NM/823/B55	ELBRING, GREGORY J.	80%	7103.85	41.25	2
	6310	6314	NM/823/B55A	ELBRING, GREGORY J.	50%	6488.44	41.25	
849	6310	6315	NM/849/1	HOFER, JOHN H.	30%	8047.64	40	5
	6310	6315	NM/849/2	HOFER, JOHN H.	50%	3615.51	40	5
	6310	6315	NM/849/2-A	HOFER, JOHN H.	na	na	40	5
	6310	6315	NM/849/2-B	HOFER, JOHN H.	na	na	40	5
	6310	6315	NM/849/2-D	HOFER, JOHN H.	na	na	40	5
	6310	6315	NM/849/4	HOFER, JOHN H.	50%	6969.28	40	5
	6310	6315	NM/849/4-A	HOFER, JOHN H.	50%	2661.27	40	5
	6310	6315	NM/849/5	HOFER, JOHN H.	10%	1158.34	40	5
	6310	6315	NM/849/SITE	HOFER, JOHN H.	30%	na	40	5
			NM/849/C	HOFER, JOHN H.	0%	na	40	5

## Legend

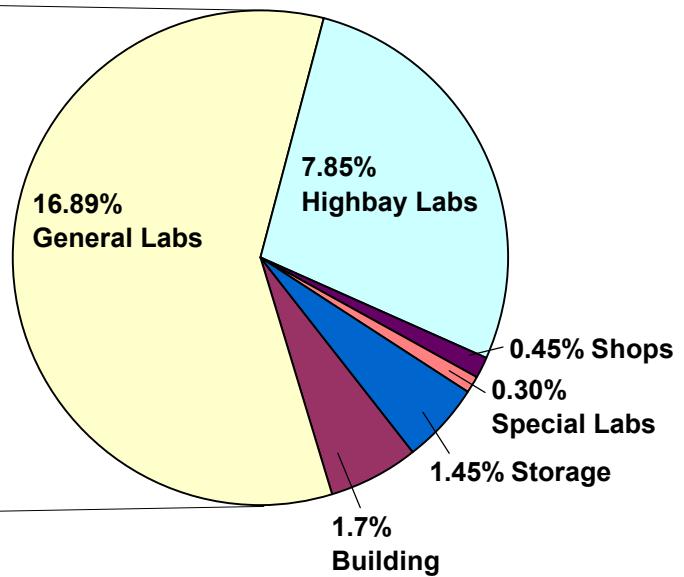
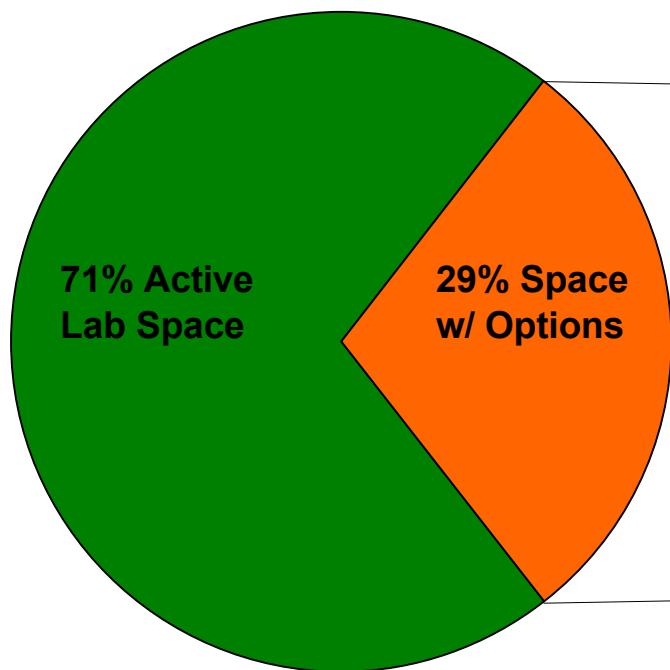
Criteria	Green	Yellow	Red
6S Score	100-60	59-45	44-0
ES&H (# ?s yes on PHS)	0-2	3-4	5-7
Potential Annual Cost Savings	\$0-\$1,999	\$2,000-\$9,000	\$9,001-\$30,000
Potential %Area Reclamation	0-30%	31-50%	51-100%



## Current State

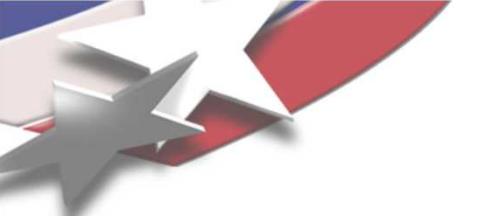
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# 6300 Lab Space Usage Snapshot



**29% Space w/ Options = \$430K per Year!**

\* Includes Randolph Building Lease



# Lab 1214 Transformation

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Before



After



 Sandia National Laboratories



Sandia  
National  
Laboratories



## 6300 is now helping Sandia lead in lab space improvement

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- ◆ **SUIT practices acquired & adopted by other centers**

- Center 5700 adopted SUIT's approach to evaluating lab space. 6300 Lean 6 Sigma black belts asked to lead events &/or mentor in 5733, 5764 & 5762
- Center 5200 interested in our approach
- Beginning engagement with 6400 and 6700

- ◆ **Recognized by Facilities Management as a best practice**