DCN: 6612

LOSS OF INTELLECTUAL CAPITAL A CRITICAL PROBLEM Discussion Items

New Items Included:

- National Defense University Ltr. 29 June 2005—Requested By Admiral Gehman
- Workforce Survey Results
- Amplification of Workforce Capability & Experience In C4ISR---Linked To NDU Concerns

NDU Letter Extracts—Request From Admiral Gehman

- Efficiencies In Consolidation Are Overshadowed By Loss Of Key Personnel And By A Loss Of Innovation.
- The DoD S&T Workforce Has Become Somewhat Fragile Due To Previous BRAC Closures And the Outsourcing Of the Expertise.
- Data From The Last BRAC Indicate That On Average Only About 25-30% Of S&Es Relocate ----Many Of Those Who Do Relocate Subsequently Leave The Government
- Closure Of Fort Monmouth & Relocation Of The Communications And Electronics Research, Development And Engineering Center (CERDEC) & The Relocation Of The CERDEC Night Vision And Electronics Sensors Directorate To Aberdeen Are Troubling.
- Because Of The Need To Construct New Facilities At Aberdeen (No Core C4ISR Expertise Or Culture) The Consolidation Would Take Several Years
- A Serious Slump In Productivity In An Area Where Maintaining A Vigorous S&T Program Is Of National Importance

Ft. Monmouth/Belvoir R&D—Technology/Demonstrators

Technical Discipline	# People	Degrees BA/BA, M, PhD	Clearances Conf.—TS/SCI
Command & Control	355	289 (81%)	340 (96%)
Intelligence & Info Warfare	372	311 (84%)	372 (100%)
Software	244	243 (100%)	230 (94%)
Communication	461	394 (84%)	400 (87%)
Night Vision & Sensors	517	378 (73%)	500 (96%)
Headquarters	106	73 (69%)	100 (94%)
Totals	2055	1688 (82%)	1942 (95%)

- Highly Technical ---- 67% Engineers; 12% Scientists; 3% Business
- Highly Educated----82% Degreed; 39% Masters Or Above

Ft. Monmouth/Belvoir D& A—PEO/PM , Production & Logistics

AREA	# People	Degrees BA/BA, M, PhD	Clearances Conf.—TS/SCI
Cmd. Control, Communication	275	176 (64%)	275 (100%)
Intell. EW & Sensors	106	67 (63%)	106 (100%)
Software Engineering	156	101 (65%)	156 (100%)
Logistics & Headquarters	1943	1071 (55%)	1943 (100%)
Totals	2480	1415 (57%)	2480 (100%)

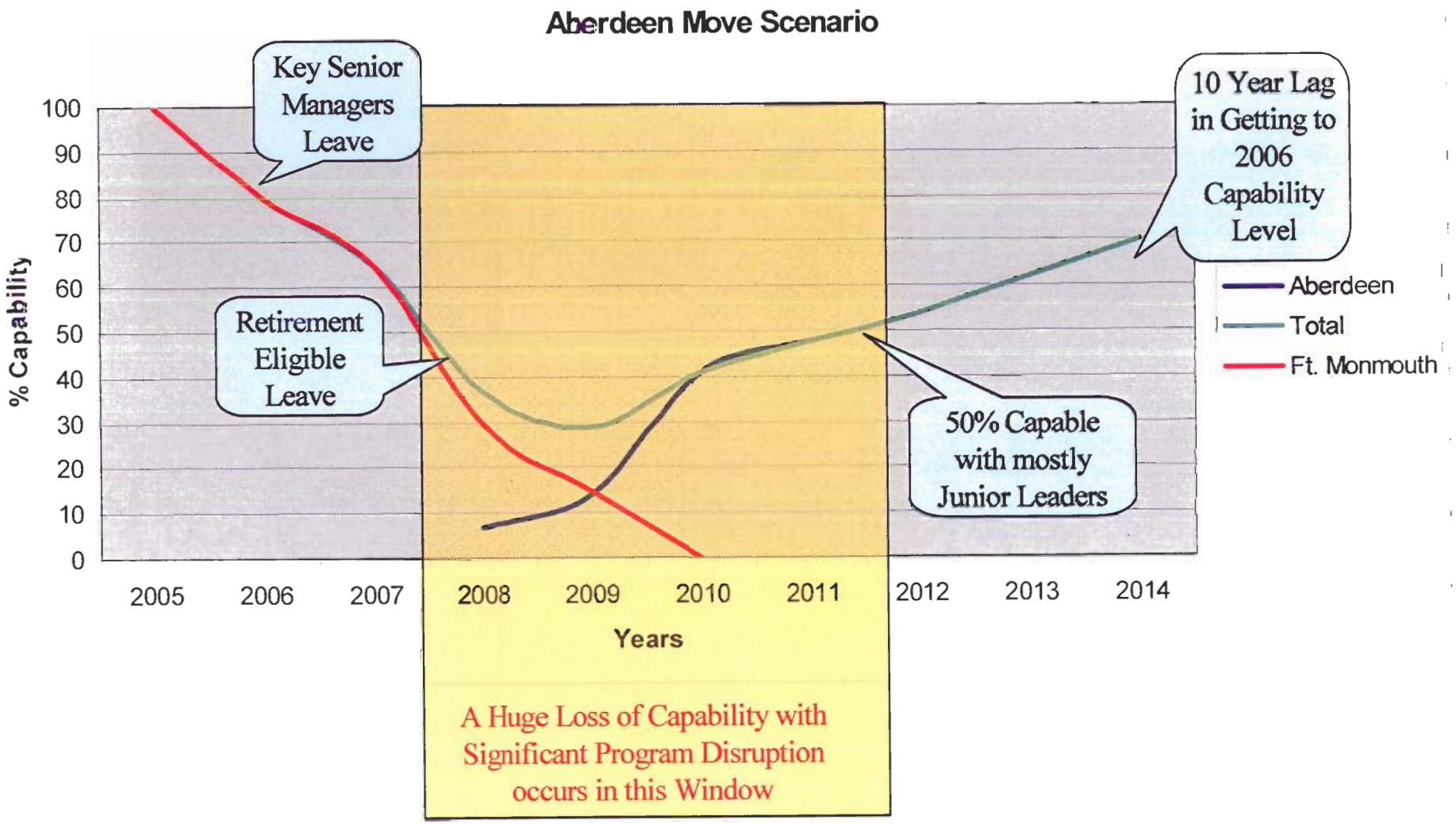
- Large Acquisition Trained Work Force
- Many Years Of Critical C4ISR Experience in Development & Acquisition

Direct Support Contractors

Company	# People Direct Support	Degrees BA/BA, M, PhD	Clearances Conf.—TS/SCI
A	304	204 (67%)	303 (100%)
B	149	132 (89%)	122 (82%)
C	171	103 (60%)	146 (85%)
D	116	70 (60%)	89 (77%)
E	182	135 (76%)	152 (84%)
F	119	60 (50%)	100 (84%)
G	180	180 (100%)	180 (100%)
Totals	1221	804 (72%)	1139 (93%)

Over 1000 Surveyed From Direct Support Contactor Workforce Of 4000

Reduced Capability In The BRAC Window



CONCLUSIONS

- BRAC Analysis Has Not Given Sufficient Weight To The C4ISR Intellectual Capital.
  - The Combined Workforce For Government and Industry In Direct Support Will Result In A Loss Of Skilled Personnel
  - With The Shortage Of DoD S&E Recruitments & The Excessive Delays In Obtaining High Level Security Clearances (12- 18 Months) A Critical Personnel Vacuum Will Be Created
  - The Existing Skills At Aberdeen Do Not Match The Needed C4ISR Skills And Cannot Fill These Jobs
  - The Length Of Time To Recruit, Hire, & Train This NEW Workforce Has Not Been Considered & The Impact On The Warfighter Never Considered

PROGRAM DISRUPTION DISCUSSION ITEMS

New Items Included

- Breadth & Depth Of Fort Monmouth Mission
- Amplification Of Disruption Linked To Loss Of Productivity
- Impact On Wartime Efforts

The ISR Products—*Many Joint*

Airborne

GR/CS

ARL

TUAV Payloads

ACS

MARS

TESAR

TSP

Ground-Based

Prophet

CGS

LRAS3

2nd Gen FLIR f/ Bradley

DCGS-A

PLGR

DVE

Targeting

Sensor-to-Shooter

TUAV Payloads

Profiler

GR/CS

CGS

Firefinder

DCGS-A

LLDR

2nd Gen FLIR f/ Abrams

Full Dimension Protection

ASE

2nd Gen FLIR

LVRS

LRAS3

TUAV Payloads

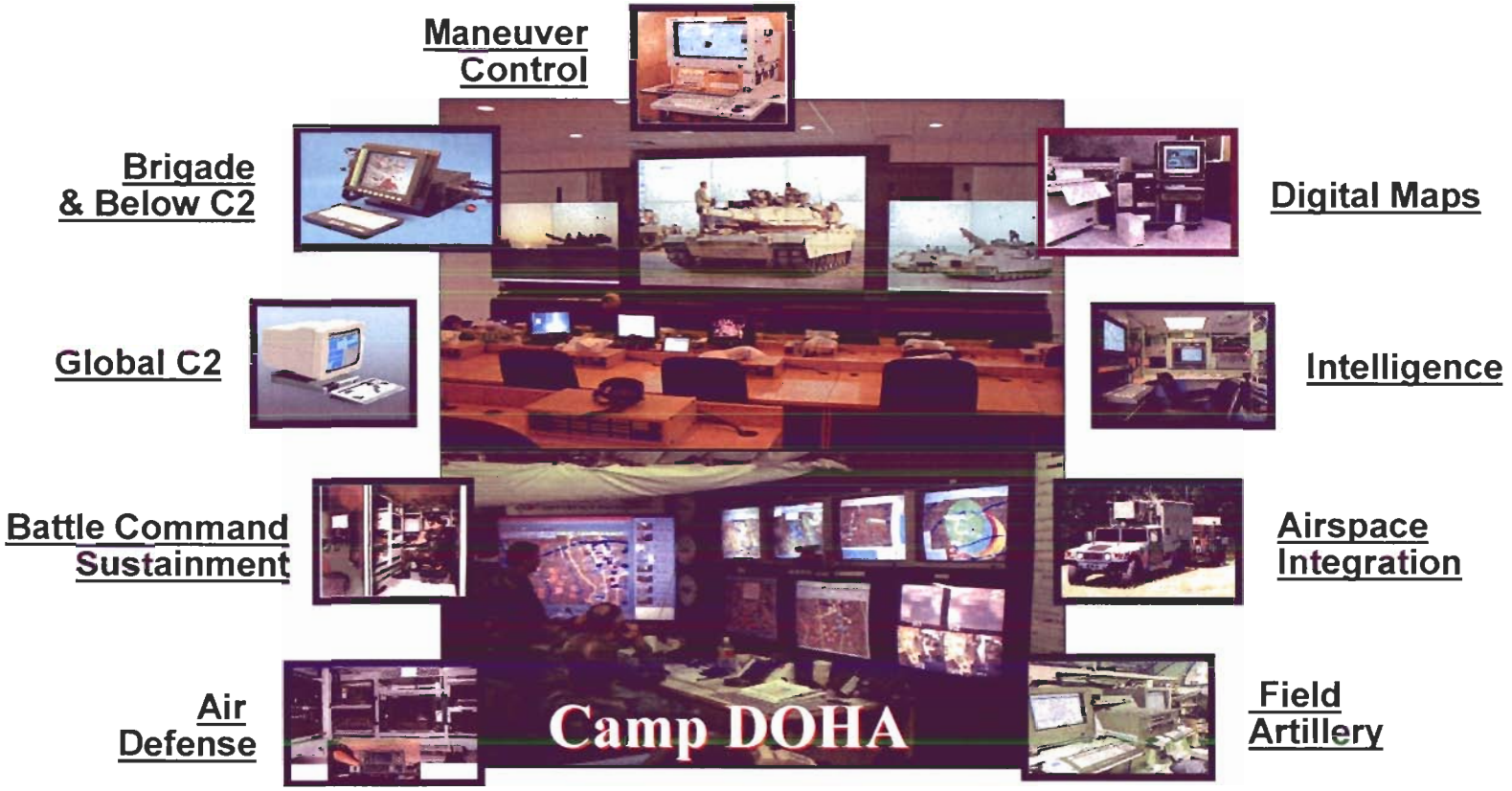
ACS

CHIMS

REMBASS

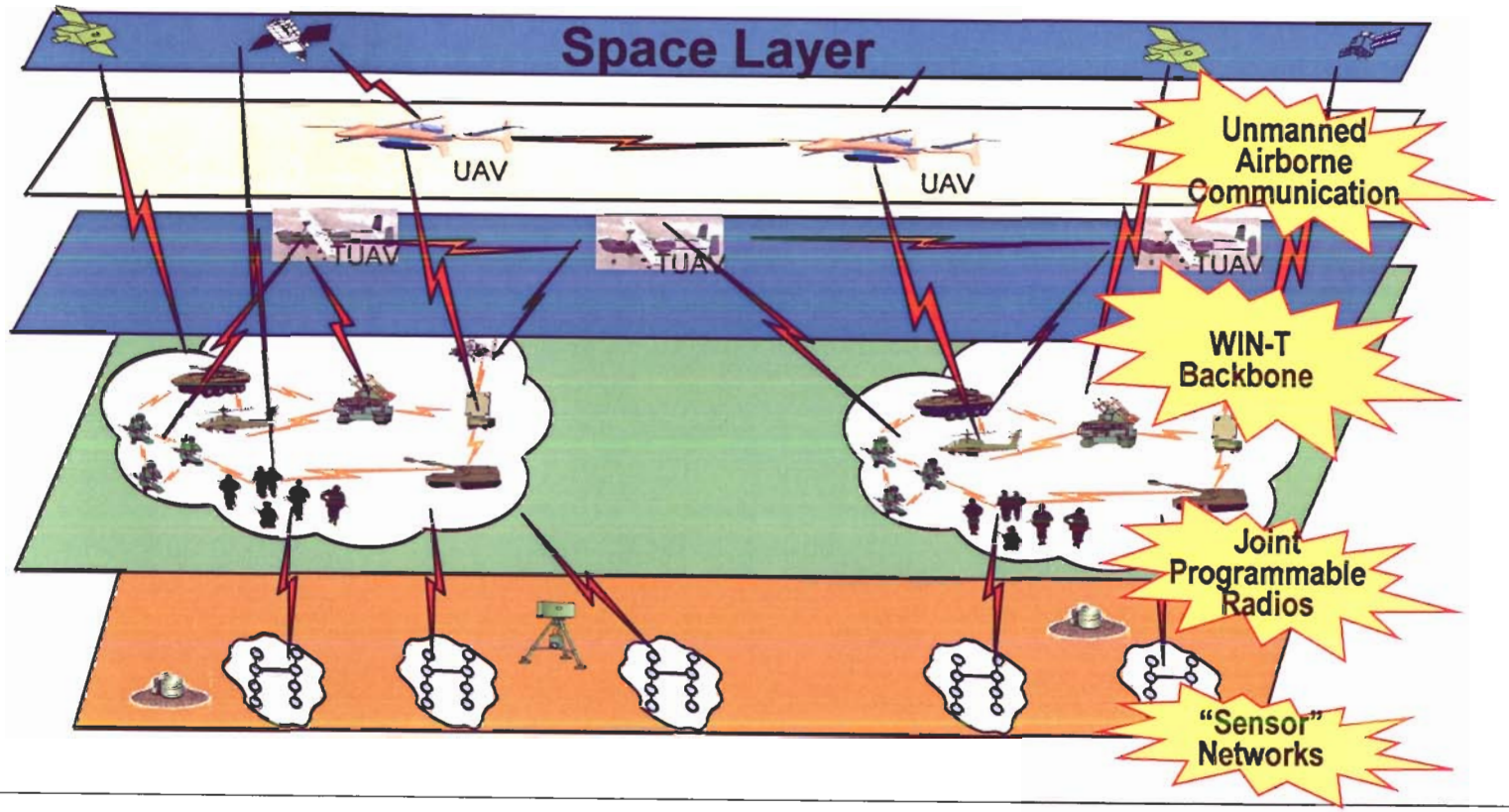
- **Linking The Sources Of Information With The Subscribers Is Key To Network Centric Warfare-----*Enables Rapid Decision Process***
- **Linking & Rapidly Integrating Multi Spectral Information Is Key To Timely & Efficient Kill Mechanisms ----*Enables The Missiles & Weapons***

The Command & Control Products



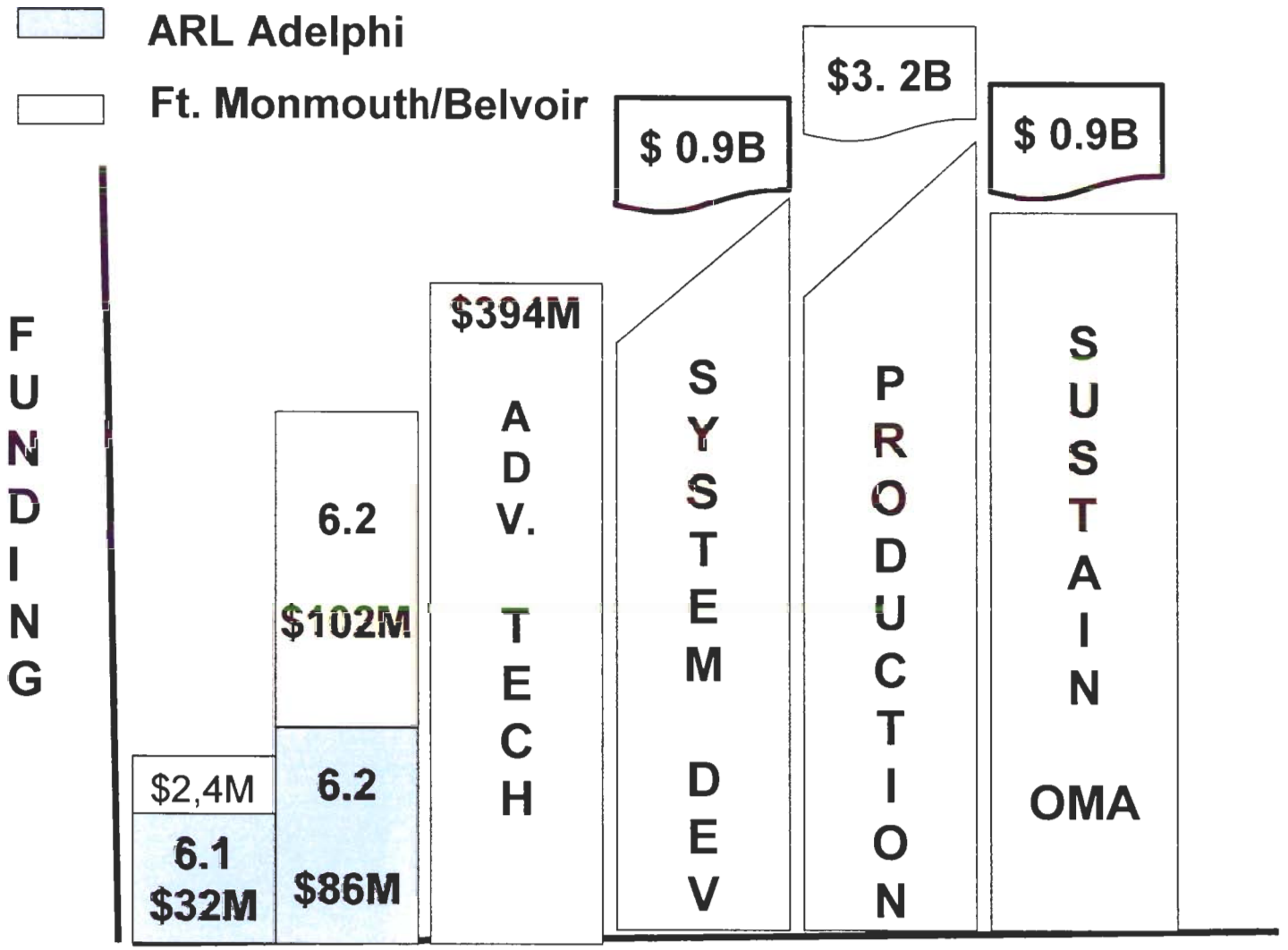
- Battle Command Enabled By The Ability To Retrieve, Interpret, & Understand Information—*Commander Tailored Visualization*
- Integrated C4ISR Allows Intelligent Flow Of Information Based On Commander Priorities----*Smart Networks Engineered For Efficiency*

Communications Products — Enable Net Centric Operations



- Over 300,000 SINCGARS Fielded To Joint Force At Low Echelons
- EPLRS The Only Current Networked Radio In Use Today
- Lead In JTRS Cluster 1 and Cluster 5; Bold Concept For WIN-T
- Lead In The Wideband Networking Waveform & Soldier Radio Waveform
- Providing Critical Satellite On-The-Move Technology

C4ISR Funding FY 06



Disruption—War Time Responsiveness

Providing Quick Reaction Solutions To Warfighter Needs

Joint Network Nodes

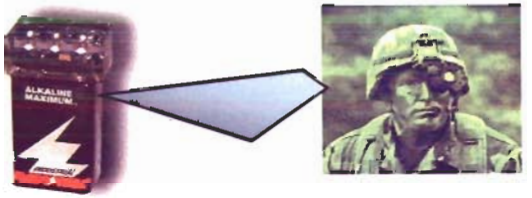
-- Connects Joint Warfighter To Global Grid

Blue Force Tracking/FBCB2

-- Joint Coalition Answer To "Where Am I? Where Are My Buddies?

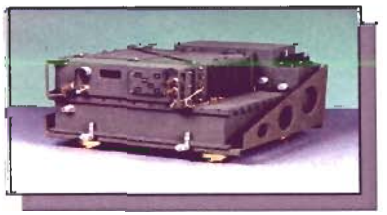
Joint Combat Friendly Identification

-- 384,000 Devices Provided In 90 Days



Improvised Explosive Device Jammers

-- Protection For Platforms & Personnel



Support Critical Systems In A War Zone

-- Improved Performance & 100% Operational Readiness

Disruption War Time Responsiveness

Providing Quick Reaction Solutions To Warfighter Needs

Coalition Military Network

-- Building The Global Grid In A War Zone

Persistent Surveillance & Dissemination

-- Rapid Dissemination Of Actionable Intelligence

Hand Held Standoff Mine Detection

-- New System With Low False Alarms

Changing Intelligence Paradigms

-- Focus On Individuals Not Units

Long Range Advanced Scout Surveillance

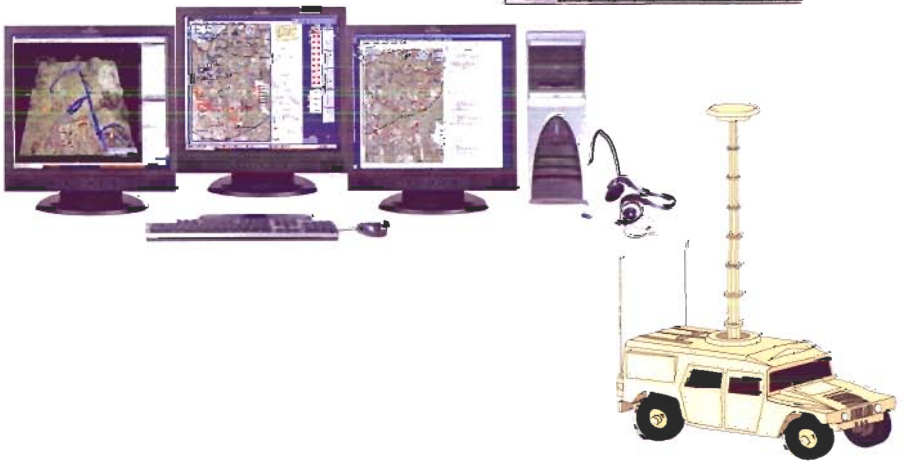
-- Extend The Eyes Of The Scout

Disruption War Time Responsiveness

Providing Quick Reaction Solutions To Warfighter Needs

Battle Command On The Move

-- Untether The Commander From The CP



Enabling Decisive Decisions

-- Collaborative Decision Aids

Prophet Cobra/Hammer

-- Mobile SIGINT For Latest Signals

Synthetic Aperture Radar

-- All Weather Detection Of Terrain Changes In Critical Areas

Multi Band/Multi Mode Tactical Satellite Comms

-- Extends The Range Of The Tactical Internet

Disruption War Time Responsiveness

Providing Quick Reaction Solutions To Warfighter Needs

Sensors To Protect Critical Areas

-- See Intrusions & Respond Rapidly

Imaging Sensor Unit

Man Portable Battlefield Surveillance

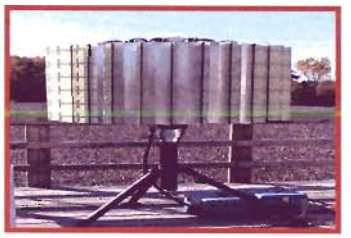
-- See The Enemy Through Sand & Dust

Guardian Eagle

-- Adding New Signal Detection Capability

Light Weight Counter Mortar Radar

-- Protect Troops From Mortar Fire



Kuwait Iraq C4 Commercialization

-- Enable Tactical Signal Units To Redeploy

DISRUPTION---Four Major Programs Examined

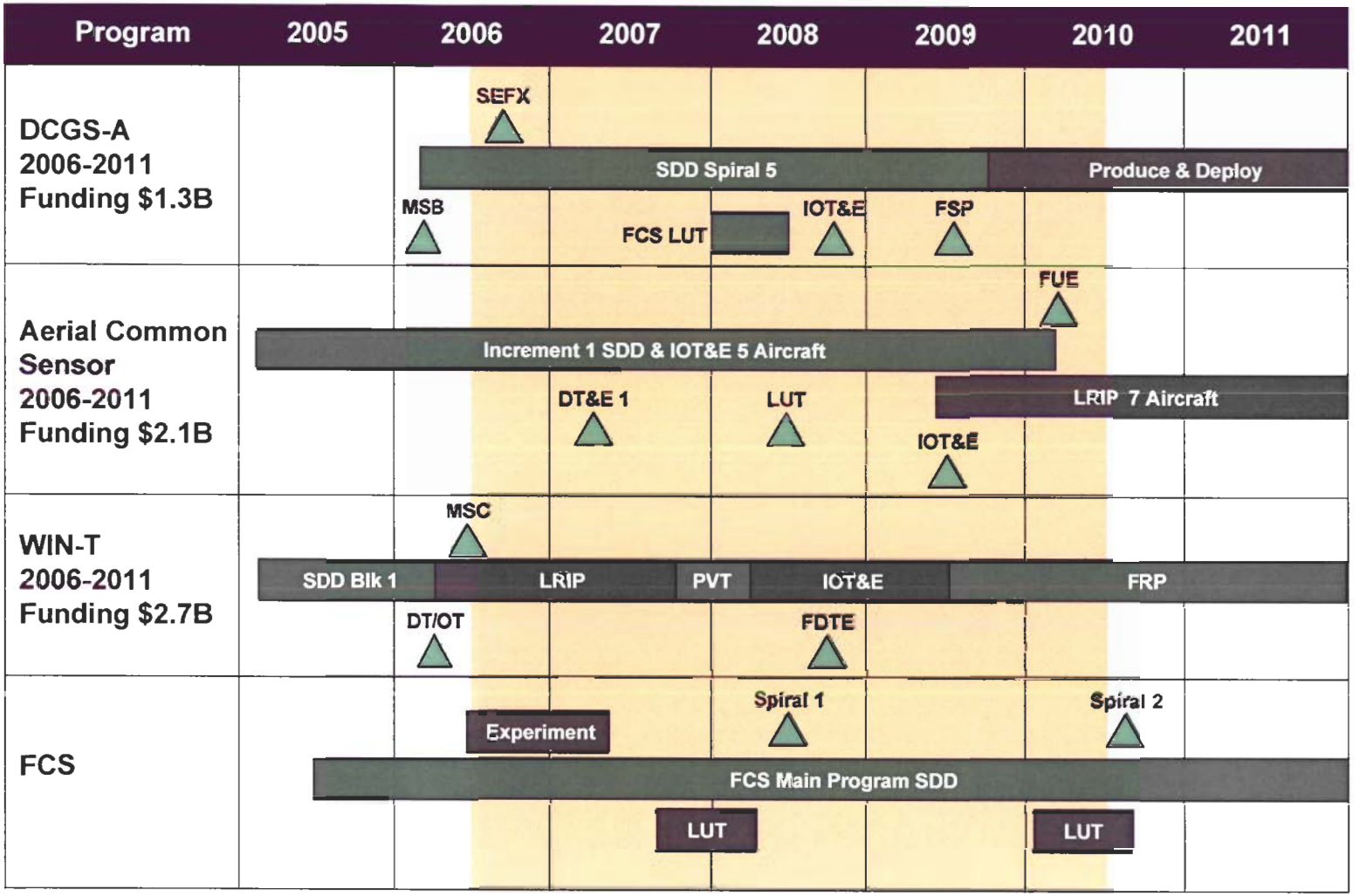
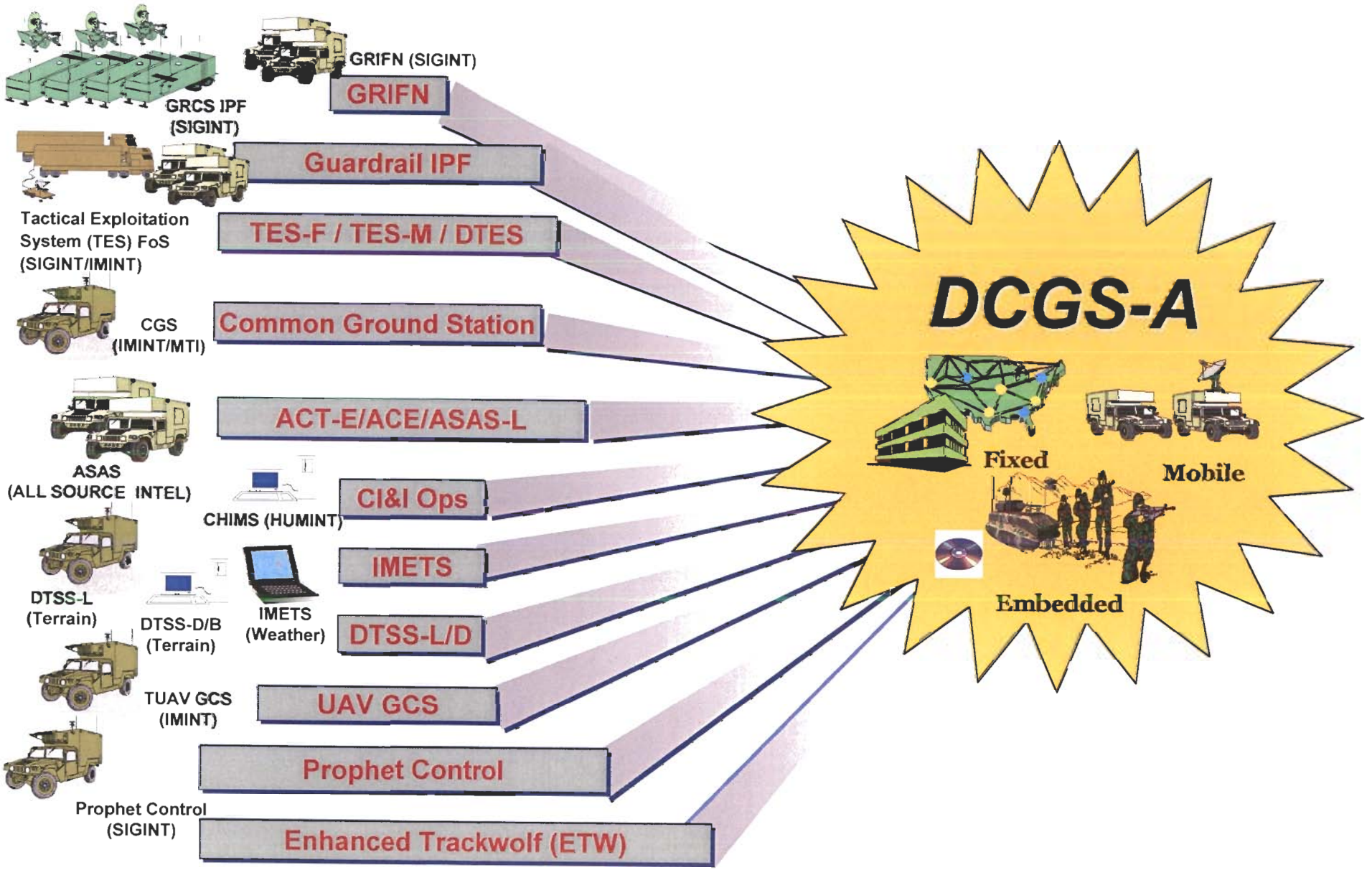
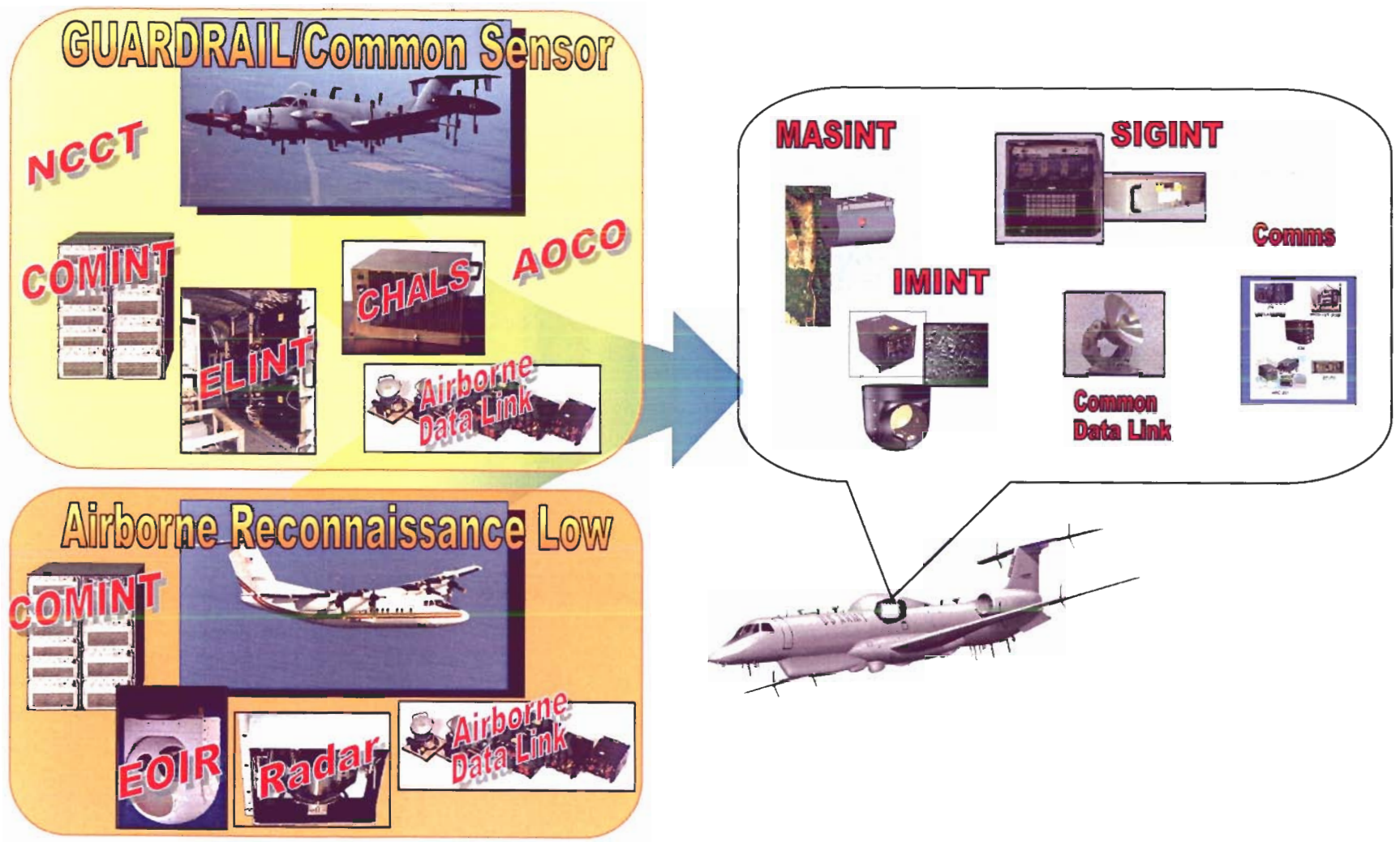


Figure 12: BRAC Impact on Major Programs

DCGS-A Future Force Intelligence Processing



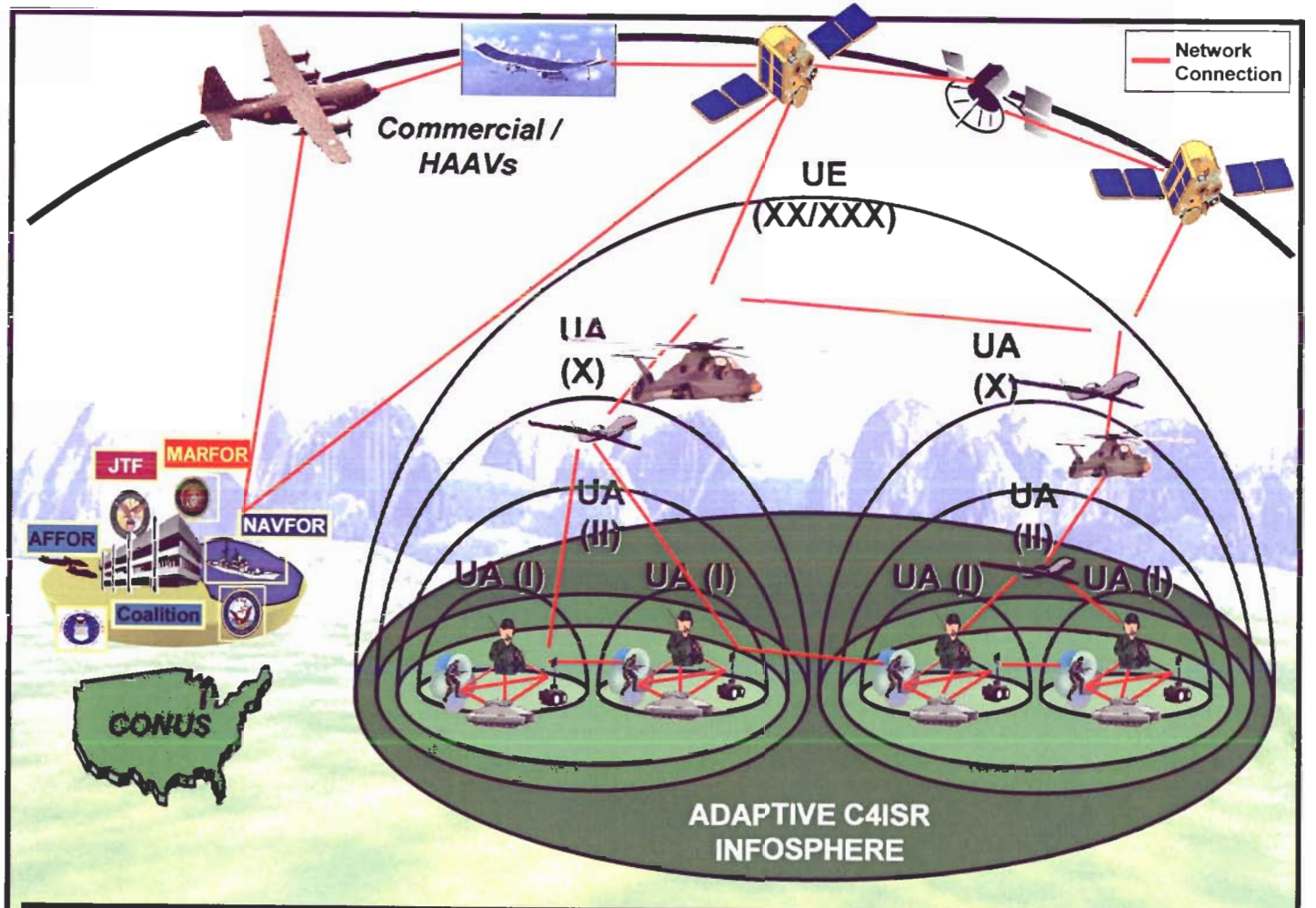
ACS—The Future Force ISR System



WIN-T Future Force Communications

WIN-T is:

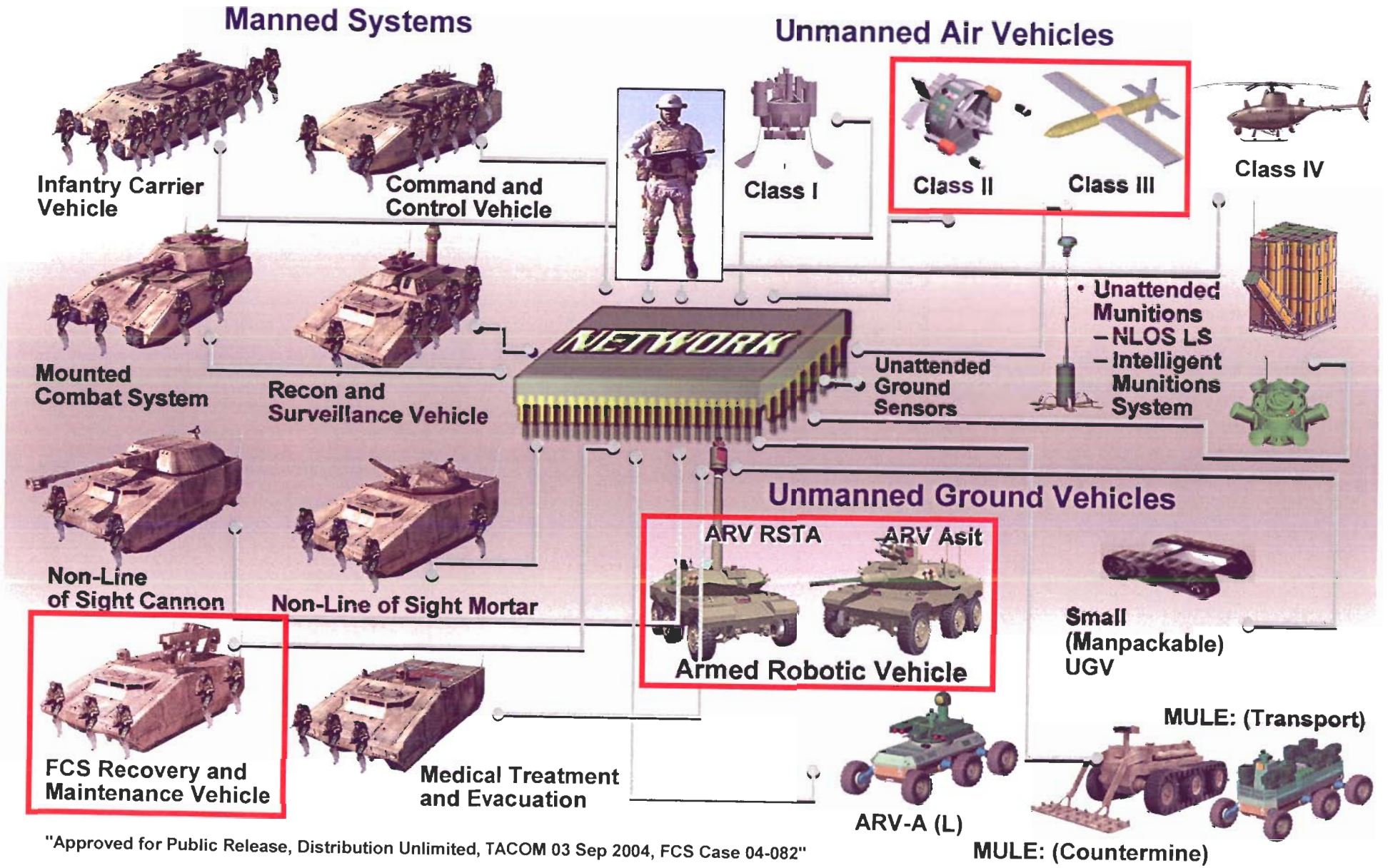
- A single integrating Future Force communications network
- Increased network capacity, speed and quality of service, reliable and secure
- Mobile Throughput for Reach over increased distances
- Scalable, tailorable, and dynamically adaptive to mission, task, purpose
- Seamless Interoperability to Joint, Coalition and Global Commercial



A Fully Integrated C4ISR Systems-Information Superiority Enabling the Warfighter to:

See First, Understand First, Act First, **and** ***Finish Decisively***

Future Combat System---FCS



"Approved for Public Release, Distribution Unlimited, TACOM 03 Sep 2004, FCS Case 04-082"

Significant Program Disruption Likely

- Disruption to Both Current & Future Programs Will Occur
- Disruption Never Considered In Military Value Analysis
- Cost Implications Are In The Billions
- Schedule Implications Directly Impact Warfighter

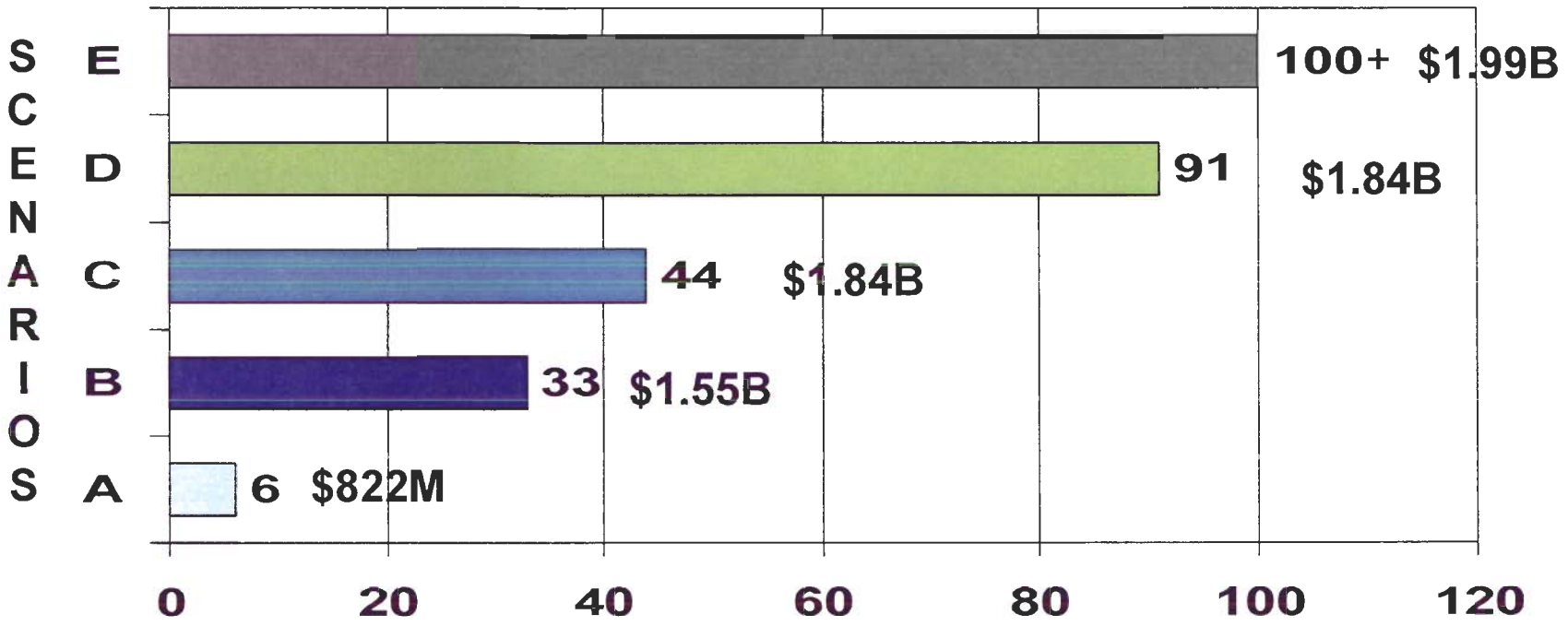
COST ANALYSIS DISCUSSION CHARTS

New Items Included:

- Net Present Value Included In Pay Back—Extends Payback
- COBRA Runs Showing Impact Of Military Salaries
- Sensitivity Analysis Around COBRA Corrected Data
- Simplified Explanation Of Parameters Used In Analysis
- COBRA Data Showing Impact Of New Contractor Workforce

Total Cost And Payback Years

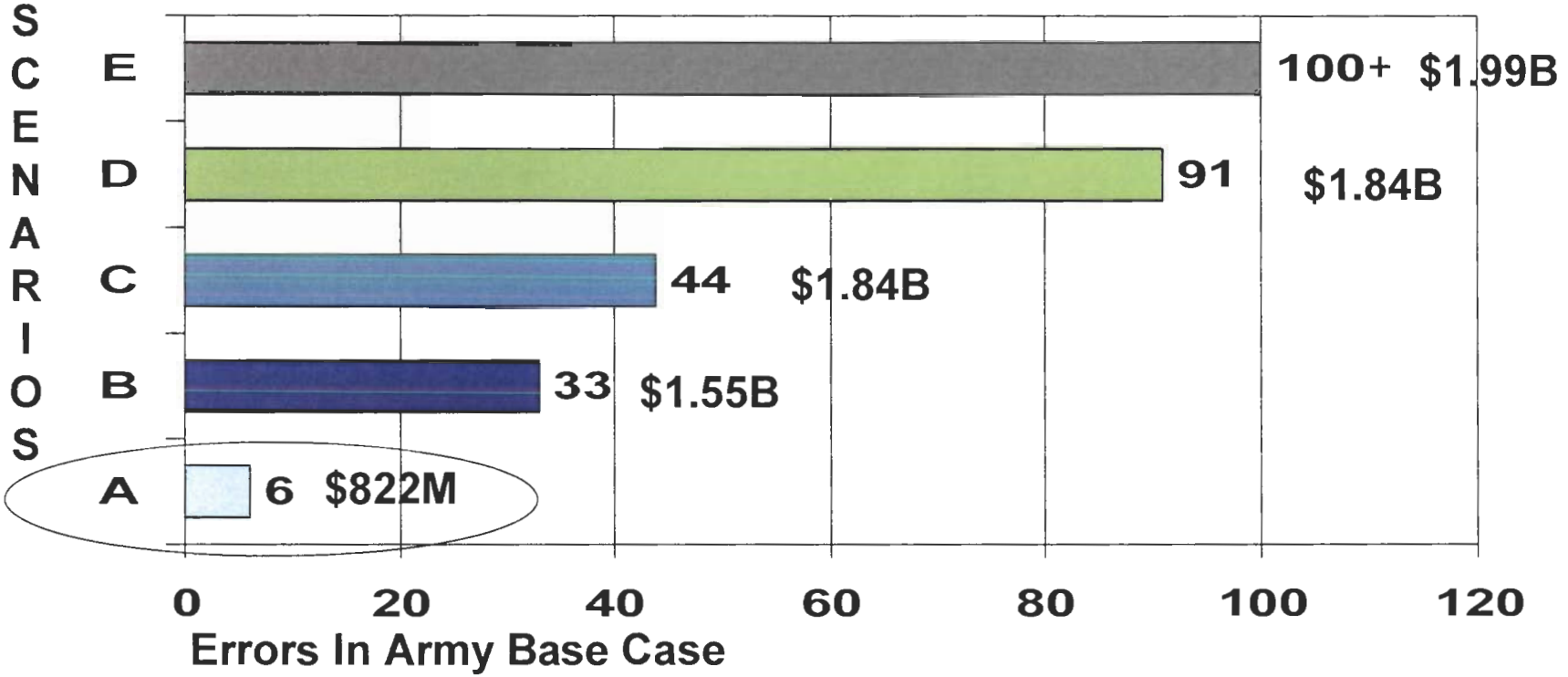
Pay Back Years & Associated 1-Time Costs



- A------- Army Base Case
- B------- Corrected Base Case
- C------- B Plus Recruit, Hire, and Train New Work Force
- D------- C Plus No Military Eliminated (No Savings)
- E------- D Plus Cost Of Reconstituting Contractor Work Force

Army Base Case --- Scenario A

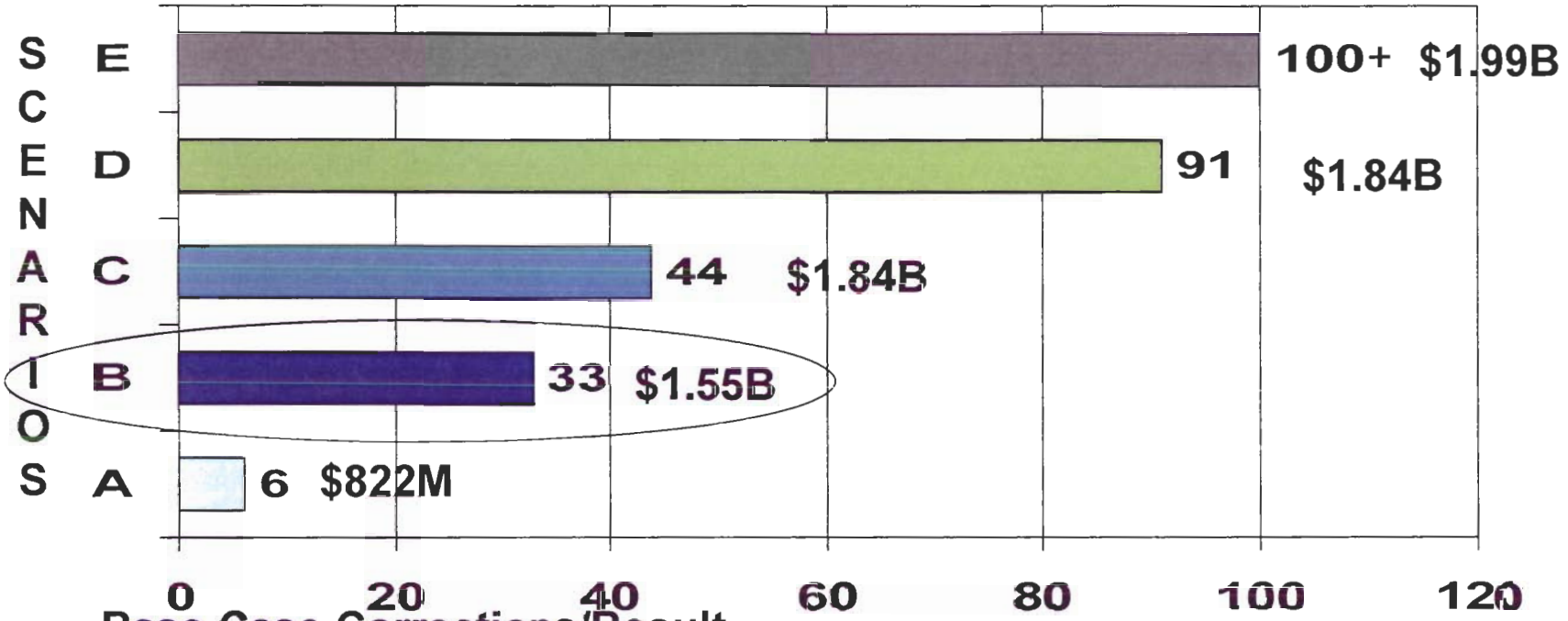
Pay Back Years & Associated 1-Time Costs



- **MILCON -**
  - ✓ Monmouth/Belvoir - Insufficient Lab and Admin Space
  - ✓ USMAPS - Omitted & Underestimated Facilities
  - ✓ Aviation Facilities - Underestimated Space and Omitted Facilities
- **Other $$$ -** Omitted Replication of Special Facilities
- **Other Cobra Costs/Savings**
  - ✓ Unrealistic assumption of employees willing to transfer
  - ✓ Omitted Overhires
  - ✓ Errors in Monmouth BOS Input Data (overstated)
  - ✓ Omitted Reimbursable BOS Costs at APG
  - ✓ Improperly Applied "Back-Office" Collocation Efficiency Savings

Corrected Base Case --- Scenario B

Pay Back Years & Associated 1-Time Costs



Base Case Corrections/Result

	DoD	Chg	Result
• **MILCON -**			
✓ Lab & Admin (1-Time Cost)	$368M	$279M	$647M
✓ USMAPS (1-Time Cost)	$24M	$195M	$219M
✓ Aviation Facilities (1-Time Cost)	$56M	$60M	$116M
• **Other $$$ -** Special Facilities (1-Time Cost)	$0M	$253M	$253M
• **Other COBRA Costs/Savings**			
✓ Employee Transfer & Overhires (Recurring Cost)	$218M	-$74M	$144M
✓ BOS Input (Recurring Save)	$93M	-$44M	$49M
✓ Reimbursables (Recurring Cost)	$0M	$13M	$13M
✓ Back-Office Efficiencies (Recurring Save)	$4M	-$4M	$0M

MILCON – RDTE & Admin Space

Increase of $ 474M

- DoD Basis of Estimate
  - ✓ Approximate 1.3M* RDE & Admin Sq Ft - Unclear at Best
  - ✓ Army Data Call not Well Understood, Resulting in Underestimates
- Monmouth Belvoir - Bottoms-Up Recalculation of Existing Occupied Lab (RDE) & Admin Space
  - ✓ Data Drawn from IMA Std Facilities Reports (R-Plans)
  - ✓ Cross Checked with Installation/Command staffs
- West Point - FE Estimate (DD1391 documents $219M in Cost); USMAPS Rpt
- Corrected Monmouth Belvoir Input* -

Location	Admin (Sq Ft)	RDE (Sq Ft)	Total (Sq Ft)
Mon	1,112,323	776,285	
Belvoir	175,423	385,527	
Total	1,287,746	1,161,812	2,449,558
FAC	6100 @ $150	3151 @ $320	

- Shortfall - Approximately One Million Square Feet

* Note. Does not include an 176,000 Sq Ft RDE SCIF; separately priced by DoD.

MILCON - Aviation Facilities

Increase $60M

- DoD Basis of Estimate
  - ✓ Not Readily Traceable to Specific Facilities
  - ✓ Data Call not Clear nor Precise; Reply Omitted Significant Items
- Replication of Existing Aviation Facilities
  - ✓ Lakehurst NAS
    - ➢ Underestimated Hanger Space – Fixed & Rotary Wing
    - ➢ Omitted Hanger and Docking Pad - Lighter than Air (LTA), Aerostat
  - ✓ Davidson AAF – Omitted Hanger Space – Fixed, Rotary & UAV

Location	DoD Estimate	Hanger (Sq Ft)	Pad (Sq Yd)
Lakehurst NAS	210,000	+ 99,000	
Lakehurst LTA	000	+125,000	+53,000
Davidson AAF	000	+ 33,000	
Total	210,000	+257,000	+53,000
FAC		2111 @ $211	*1163 @ $101

*Note. 1163 is Aircraft Washing Pad and was chosen as a reasonably close match for the exact FAC.

MILCON - Special Facilities

Increase $253M

- Special Facilities & Labs –
  - ✓ " Space Park" Major Item With 24x7 Unique Mission
  - ✓ Evolve - Become "built-ins" (Equipment in Place)
  - ✓ Utilize "Legacy" & "One of a Kind" Equipment
  - ✓ Reply To Data Call Inadequate At Fort Monmouth
- DoD Basis of Estimate –
  - ✓ Unknown From Data Available
  - ✓ Limited Costs may Appear in 1-Time Moving Cost
- Community Basis of Estimate -
  - ✓ Surveyed 92 Labs/Facilities, at Least 14 have "built-ins" Requiring Replication, vice Tear-down/Transport/Re-assemble/Calibrate
  - ✓ Estimates for Facility Reconstruction, ($0.5M - $25M)
  - ✓ Detailed Description/Rationale for Facilities in Cost Annex
  - ✓ Estimate For Space Park Range From $102M--$343M (Replicate)
- Conservative Cost to Reconstruct - $253M

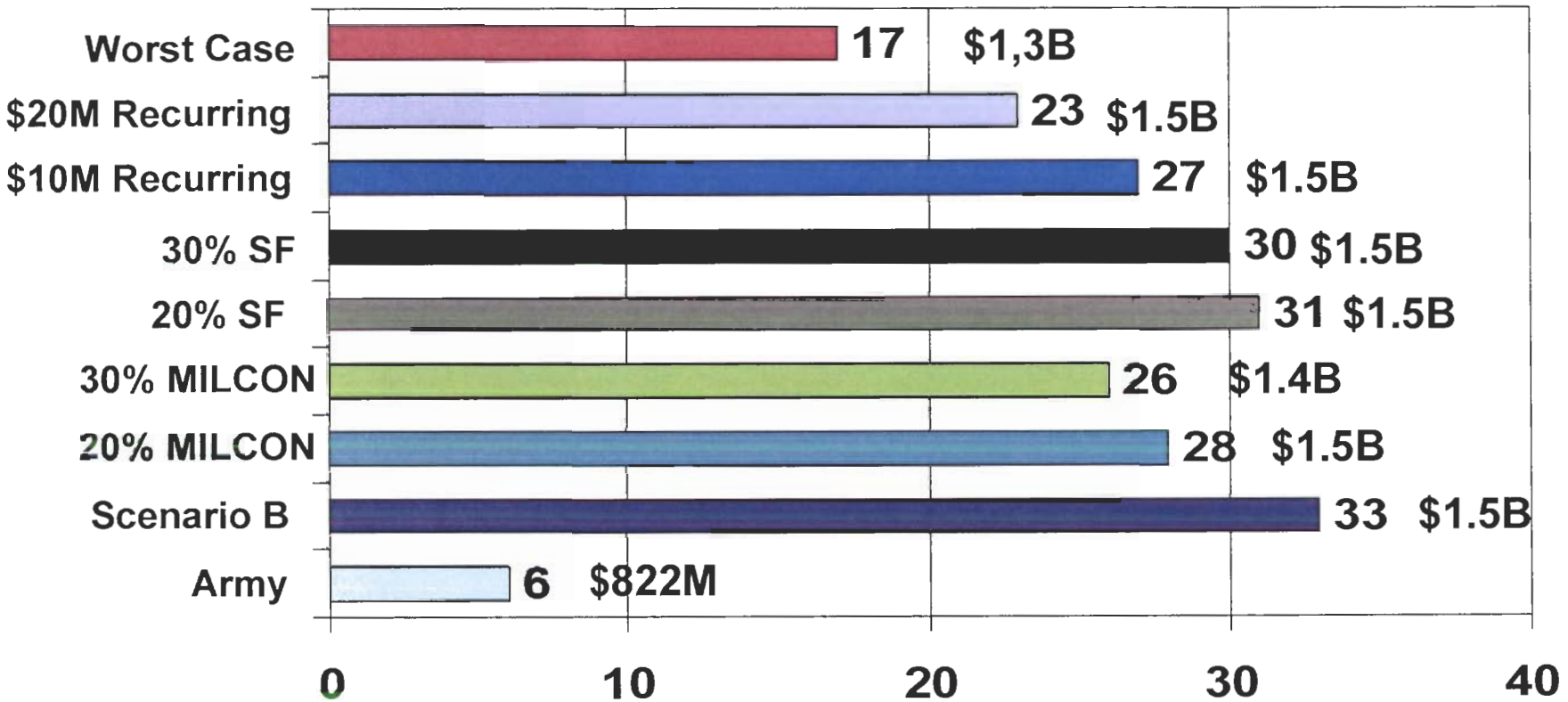
Other COBRA Costs/Savings

- 75% Transfer Reduced to 20% Transfer - Lessons Learned = Reduced 1-Time Move Costs (-$74M)
- Overhires Added to Civilians Moving - Overlooked = Increased 1-Time Move Costs
- Reduced Monmouth BOS - Error in Installation IMA Input Data = Reduced Recurring Savings at Monmouth (-$44M)
- Increased BOS at APG - Omission Monmouth Reimbursable Costs at APG = Increased Recurring Costs at APG (+$13M)
- Credit for Civilian Position Eliminations at Belvoir - No Rationale/Justification = Reduced Recurring Savings (-$4M)

Excursions Around Scenario B

- Tested The Sensitivity Around Scenario B Using The Following:
  - MILCON
    - Reduced By 20% and 30%
  - Special Facilities
    - Reduced By 20% and 30%
  - Recurring Cost/Savings
    - Decreased By $10M & $20M
- Examined A Worst Case Scenario That Combined The Above: 30% MILCOM; 30% Special Facilities; $20M Recurring Cost

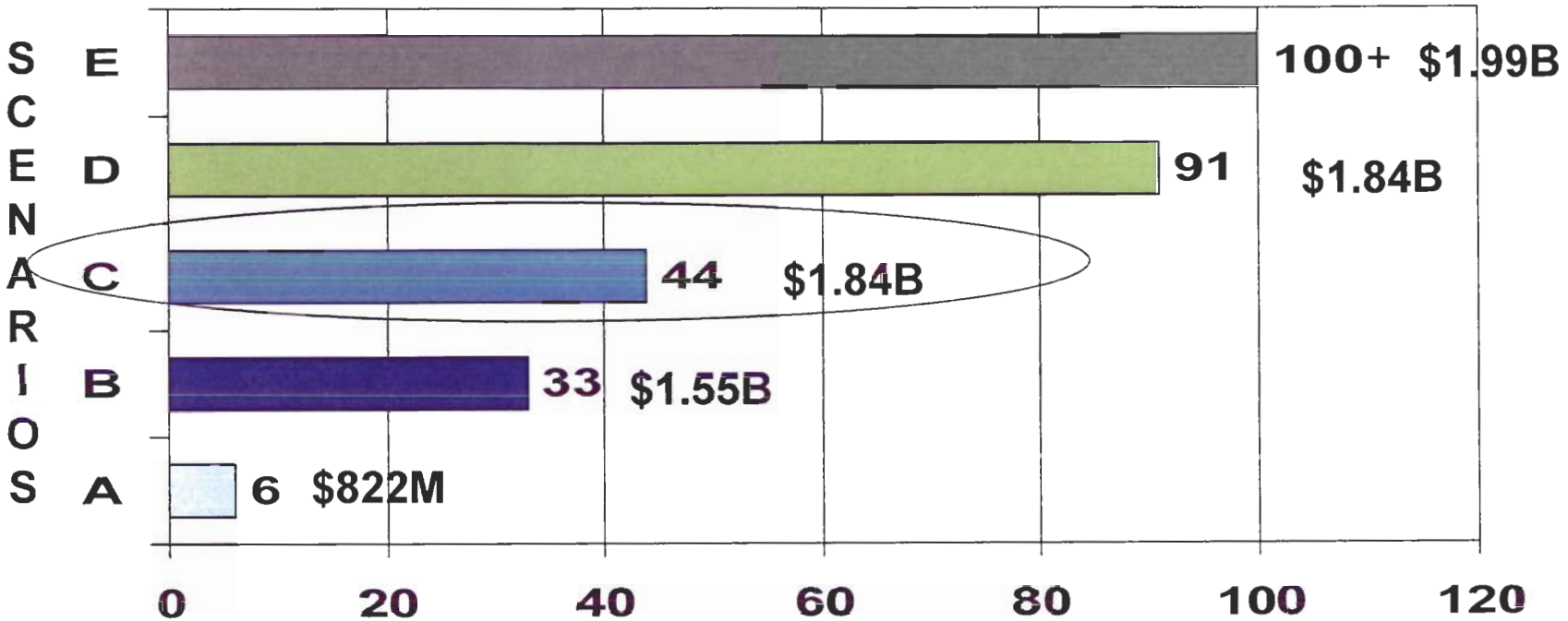
Excursions Around Scenario B—Community Base Case



- Excursions Do Not Impact Basic Conclusions---Army Estimates Are Severely Understated
- Worst Case Is Highly Unlikely-----Yet Cost And Pay Back Are Still Significant
- Recurring & One Time Costs Dominate The Analysis

Recruit, Hire, & Train Corrections ---- Scenario C

Pay Back Years & Associated 1-Time Costs



- **DoD did not discuss, consider or calculate the loss of the technical workforce – feeds disruption to current and future mission**
  - ✓ COBRA uses a standard 75% will move
  - ✓ History shows ~20% move
  - ✓ Harris Poll = 18 % move
- **Extraordinary Impact in Time of War**
- **Costs to Reconstitute = $300M**

Reconstitute Workforce

- Used Established Models To Estimate Costs To Recruit/Train---- Conservative Estimates Below Those Used In The Referenced Studies

- Variables:
  - E&S Senior Grades & E&S Lower Grades—Used % Of Salary
  - Acquisition Certified Senior Grades & Lower Grades—Used % of Salary
  - Training Durations Over A Number Of Years Based On Functional Expertise; Job Requirements; Formal Education Requirements; and Certification Requirements

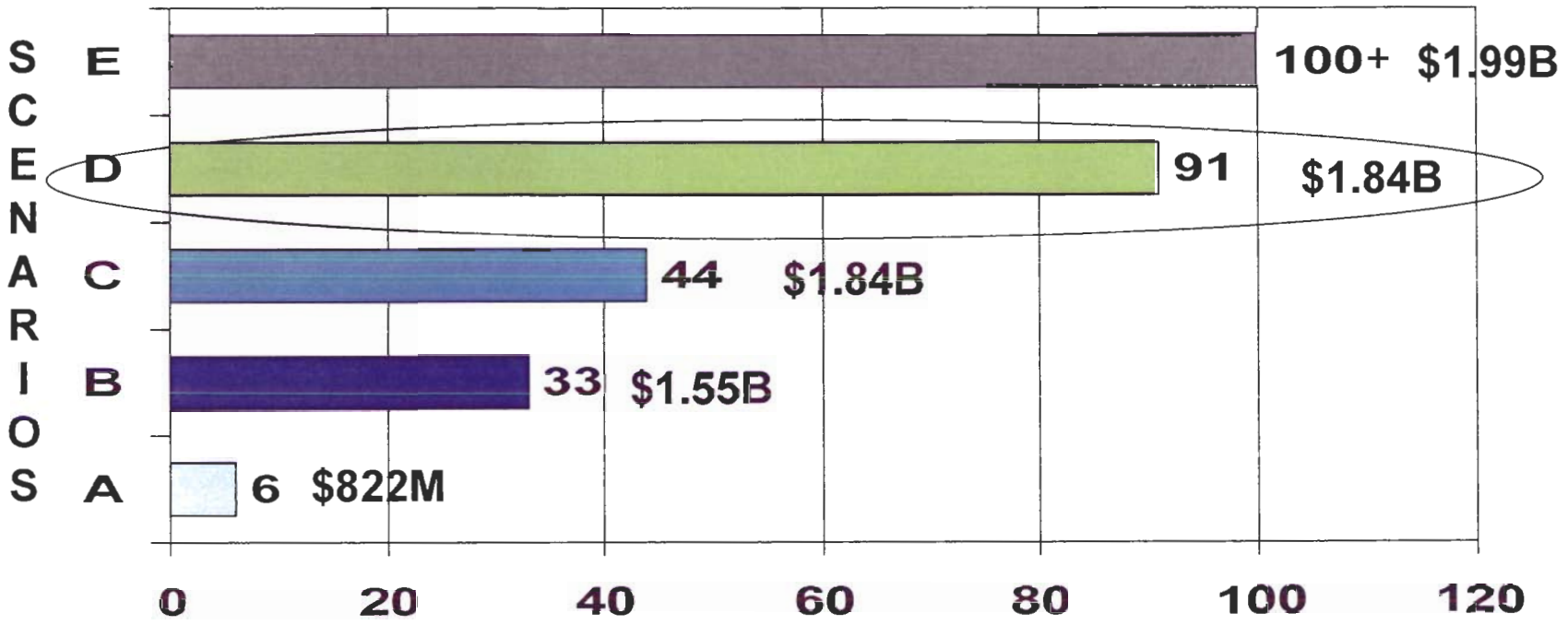
- Total number of vacancies used = ~3000

Result: $300M cost to reconstitute the workforce
Range: ~ $200M - $400M

Sources: Bliss & Assoc; N Sorenson; B. Ettore; J. Fitz-enz; W Cascio; Marshall et al. and conferred w/ other R&D center on model constants

Military Pay Corrections --- Scenario D

Pay Back Years & Associated 1-Time Costs

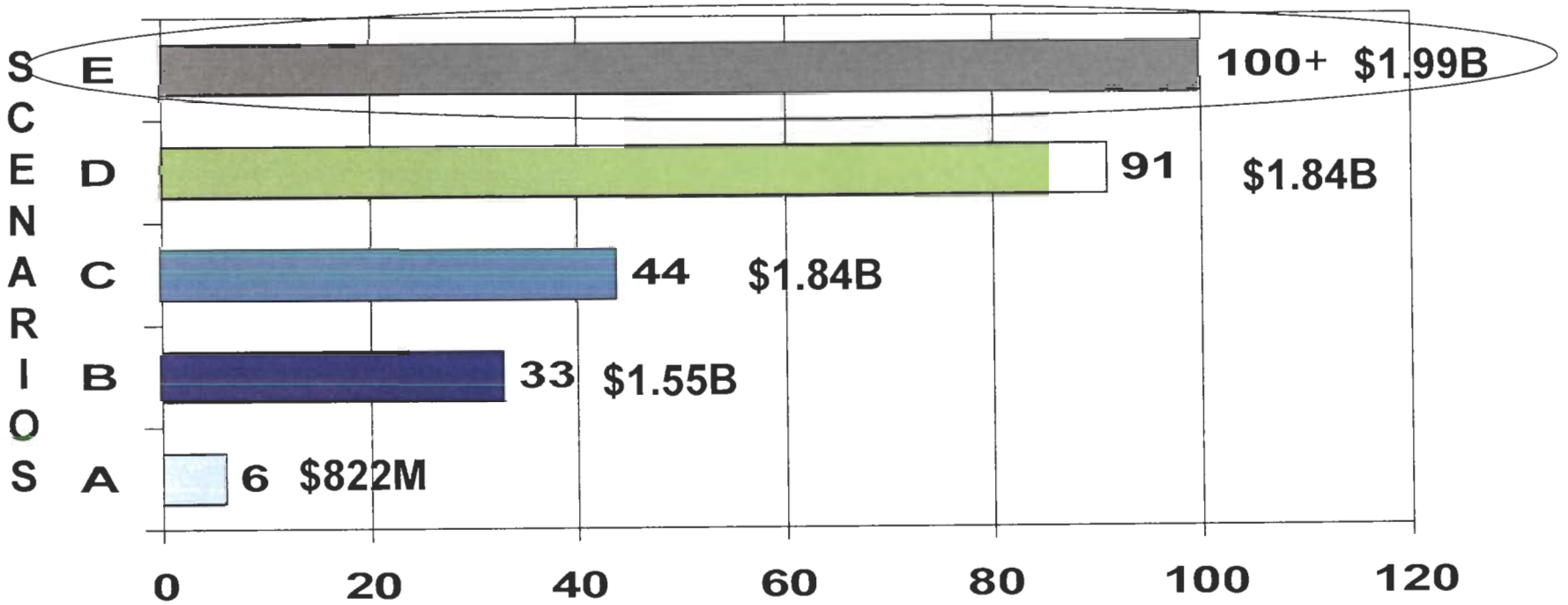


Military Pay Savings Corrections

- GAO Observation - Savings taken; Positions Applied Elsewhere
- Base Case Reflects $22M in Military Salary & Housing Allowance as Recurring Savings
- Eliminate Military Salary Savings

Contractor Workforce Corrections --- Scenario E

Pay Back Years & Associated 1-Time Costs



Contractor Workforce Corrections

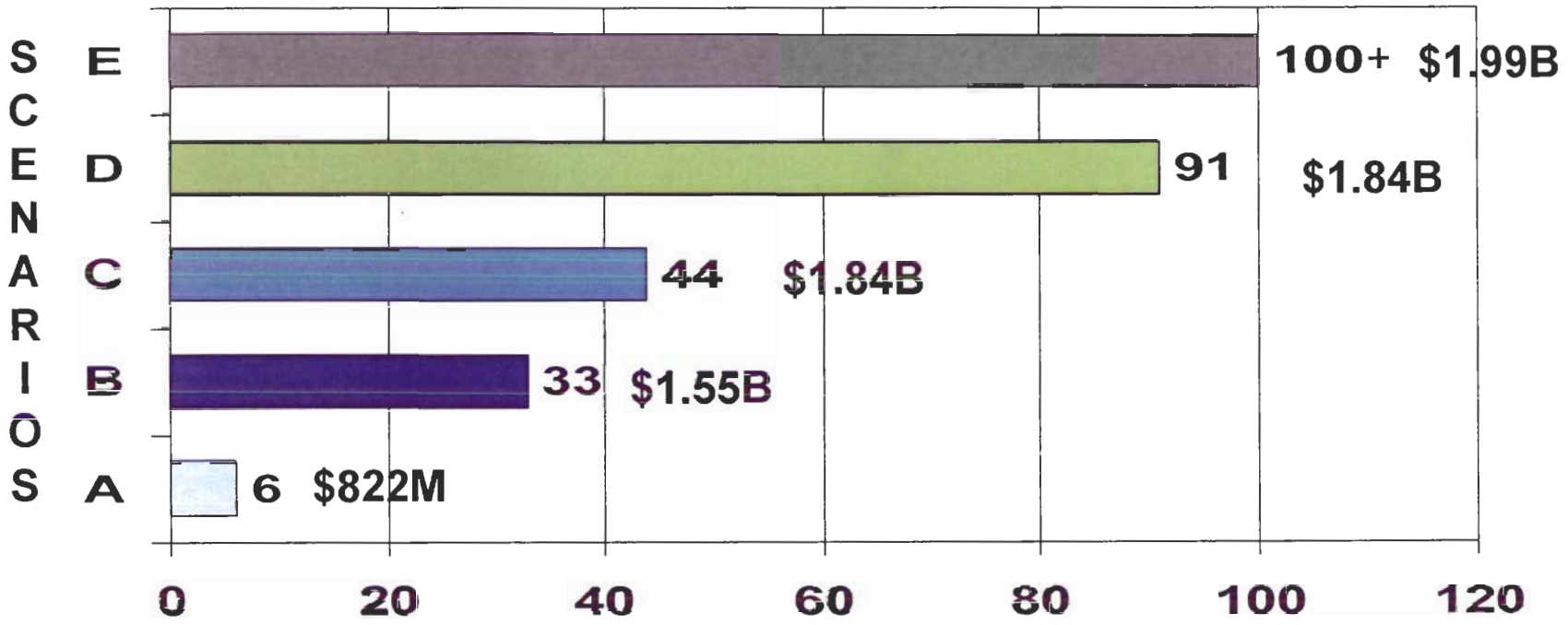
- DOD analysis does not consider impact of Contractor workforce
- Survey indicates less than 15% Contractors will relocate
- Revised analysis conservatively estimates costs by using Government PCS rate

Contractor Workforce

- For Fort Monmouth, COBRA Projects -
  - ✓ 4212 Civilians Transferring
  - ✓ Cost to Move = $160.1M
- Community Estimate -
  - ✓ 4000 Supporting Contactors
  - ✓ Assume Cost @ 95% of Civilian Cost to Move
  - ✓ Total Contractor Move Cost = $152.1M
- Contractor Cost To Recruit, Hire, Train Their New Workforce Are Costs That Will Pass Largely To the Government

CONCLUSIONS

Pay Back Years & Associated 1-Time Costs



- DoD Estimate Fails to Include many Costs & Overstates Savings
- Corrected Estimate (Scenario B) Demonstrates Reality is a 33 yr Payback
- Additional Non-COBRA Costs Significantly Extend Payback Years
- With Regard to Cost - Recommendation FAILS to Pass Muster

Military Value & The Opportunity For Joint Experimentation Discussion Items

New Items Included:

- MV Rankings Of Dix & Fort Monmouth
- Description & Value Of Recent Joint Experiment
- Infrastructure In Place & Role Experiments Are Playing In Defining Future Army C4ISR Needs

Mission Military Value

- Relates to **Criteria 1-4**
- Military Value for technical mission
  - Monmouth scores ~2X the rest; Aberdeen last
- Source: DOD BRAC Army Recommendation Supporting Information 09 May 05, Tab 1

	R Info Systems	R Sensors EW	D&A Info Systems	D&A Sensors EW
Monmouth	**0.46 1st**	**0.34 3rd**	**0.48 1st**	**0.43 1st**
Belvoir	**0.07 5th**	**0.39 2nd**	**0.23 5th**	**0.25 3rd**
Adelphi	**0.25 3rd**	**0.50 1st**	---	---
Redstone	**0.24 4th**	**0.23 4th**	**0.23 4th**	**0.34 2 nd**
Aberdeen	**0.28 2nd**	**0.17 5th**	---	**0.22 4th**

Application of Installation Military Value ?

Landlord or Mission priority?

- Direct Fire
- MOUT
- Heavy Maneuver
- Indirect Fire
- Airspace
- Gen. Instruction
- Applied Inst.
- Air Quality
- Noise
- Soil
- Mob History
- Force Deploy
- Mat'l Deploy
- Operations
- Accessibility
- Connectivity
- **RDT&E Mission Diversity**
- **Test Ranges**
- Munitions

- Workload
- Maintenance
- Supply Storage
- Ammo Storage
- Crime
- Medical Availability
- Housing
- In State Tuition
- Employment
- Workforce Availability
- Area Cost
- Joint Facilities
- C2 Target Facilities
- Installation unit cost
- Buildable acres
- Brigade capacity
- Environment
- Urban Sprawl
- Infrastructure Proximity
- Water

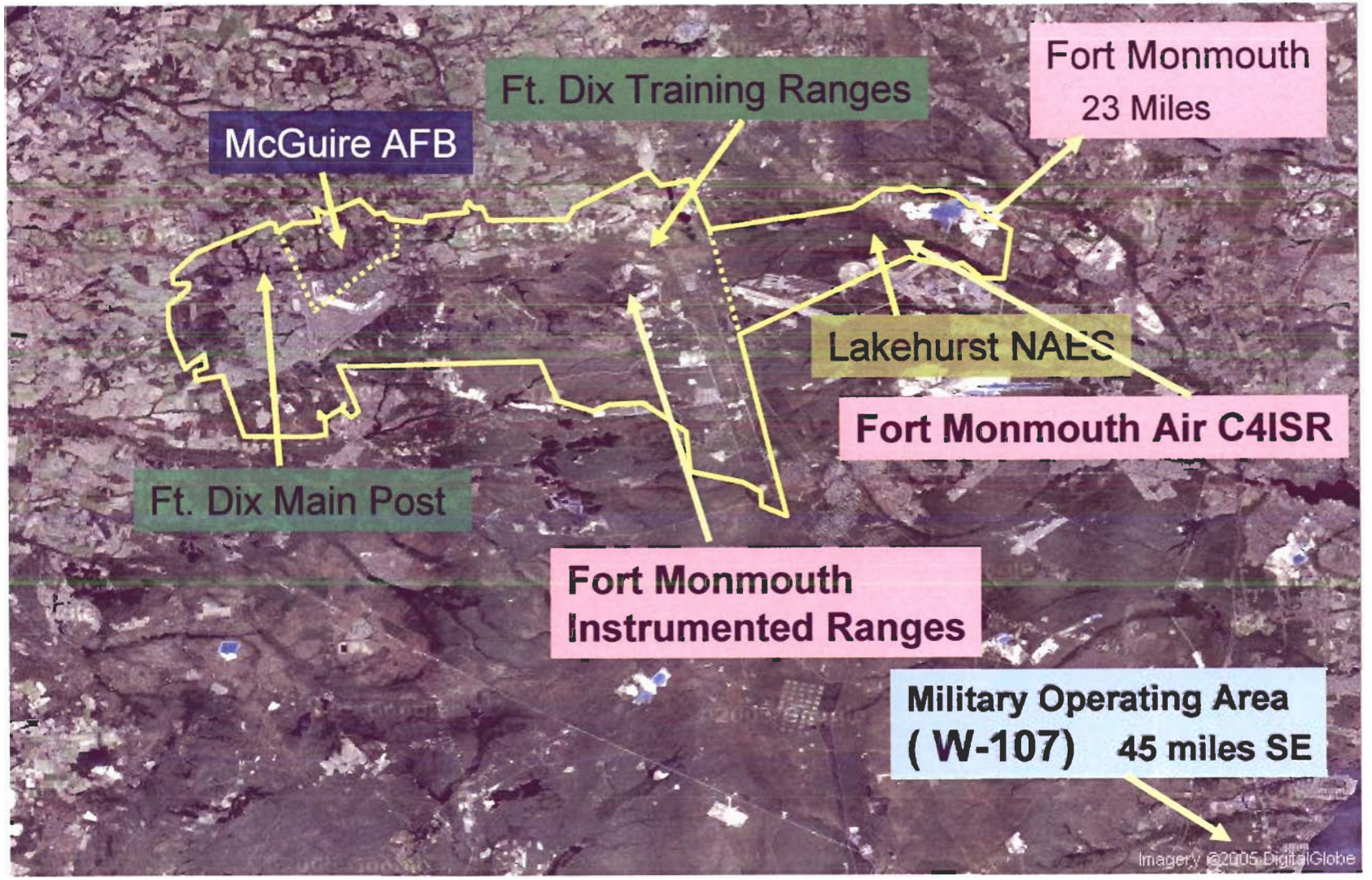
Only two attributes are R&D or C4ISR relevant

Military Value Comparison

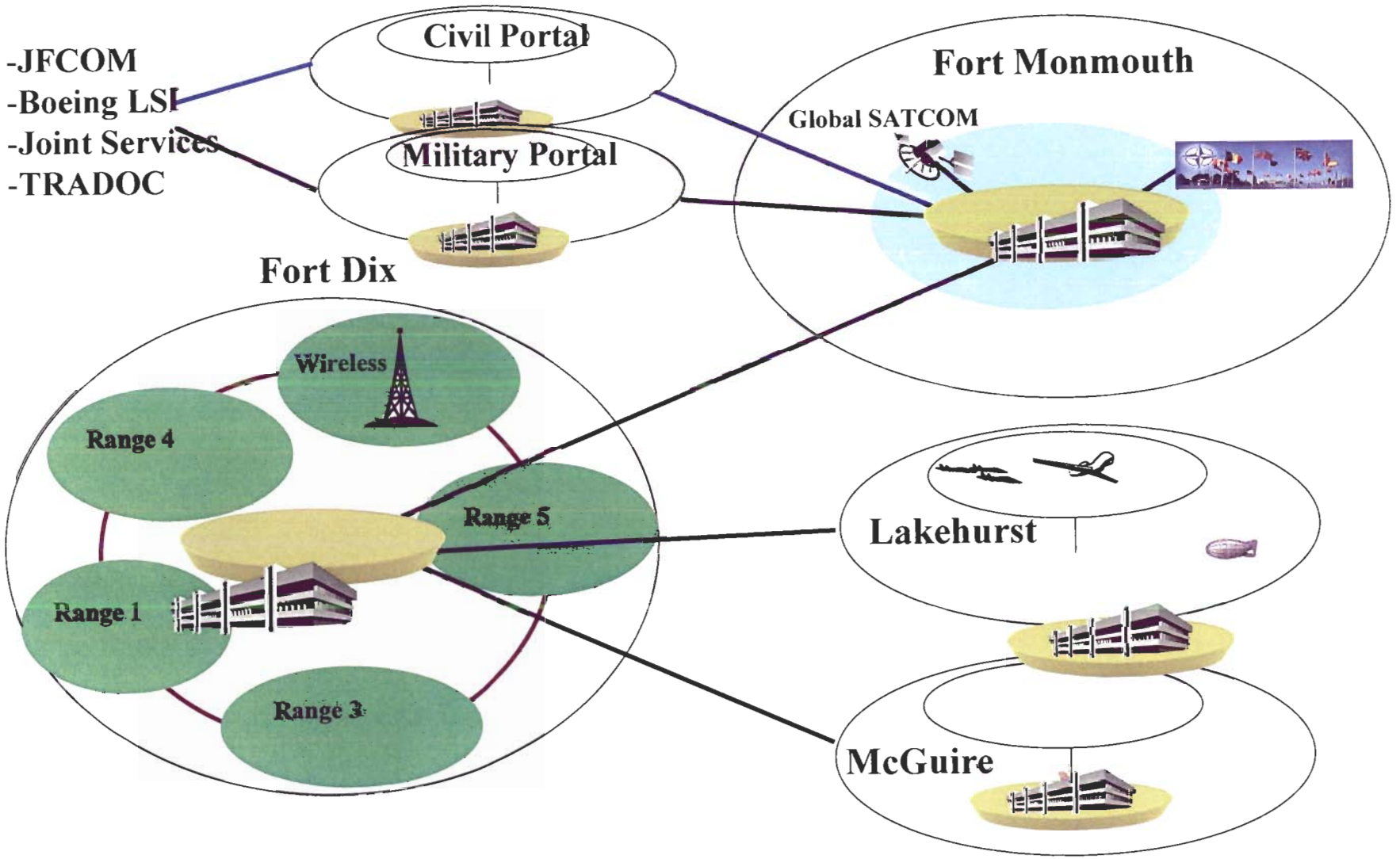
		APG	FT Dix	Ft M	Consol Dix+M	Weight	Score
Overall MVI		**4.18**	**3.47**	**2.25**	**4.13**		**4.1265**
Overall Ranking (of 97 in Army)		**18**	**23**	**50**	**19**		
A1	Direct Fire Capability	0.00	3.30	0.00	3.30	5.45%	0.17985
A2	Indirect Fire Capability	1.70	1.00	0.00	1.00	4.90%	0.049
A3	MOUT Capabilities	5.80	0.95	0.00	0.95	0.54%	0.00513
A4	Heavy Maneuver Area	0.00	0.08	0.00	0.08	5.45%	0.00436
A5	Light Maneuver Area	0.20	0.85	0.00	0.85	4.90%	0.04165
A6	Airspace	10.00	2.63	0.00	2.63	4.90%	0.12887
A7	General Instructional Facilities	4.43	4.53	0.21	4.53	0.27%	0.012231
A8	Applied Instructional Facilities	7.51	0.98	0.11	0.98	0.27%	0.002646
A9	Air Quality	10.00	6.67	10.00	10.00	0.54%	0.054
A10	Noise Contours	0.00	1.50	10.00	10.00	0.54%	0.054
A11	Soil Resiliency	8.48	6.56	0.00	6.56	2.72%	0.178432
A12	Water Quantity	5.11	3.66	0.00	3.66	1.09%	0.039894
A13	Mobilization	0.80	10.00	0.08	10.00	4.09%	0.409
A14	Force Deployment	3.61	4.56	2.32	4.56	4.90%	0.22344
A15	Materiel Deployment	6.85	1.64	4.07	4.07	4.90%	0.19943
A16	Operations/Administrative Facilities	6.75	1.18	3.55	3.55	0.54%	0.01917
A17	Accessibility	10.00	10.00	10.00	10.00	2.72%	0.2[illegible]
A18	Connectivity	9.00	6.30	10.00	10.00	1.09%	0.1[illegible]
A19	RDT&E Mission Diversity	10.00	0.00	5.44	5.44	1.09%	0.059296
A20	Test Range Capability	4.36	0.54	0.54	0.54	4.09%	0.022086
A21	Munitions Production Capability	0.00	0.00	0.00	0.00	2.72%	0
A22	Ammunition Storage Capacity	0.00	0.00	0.00	0.00	0.54%	0
A23	Inetrservice/Partnering Workload Flexibility	0.00	0.00	0.00	0.00	4.09%	0
A24	Maintenance/Manufacturing Capability	0.00	0.02	0.00	0.02	2.72%	0.000544
A25	Supply and Storage Capacity	2.55	0.51	0.35	0.51	0.54%	0.002754
A26	Crime Index	2.86	5.98	5.98	5.98	2.72%	0.162656
A27	Employment Opportunity	2.22	5.81	5.81	5.81	1.09%	0.063329
A28	Housing Availability	7.66	4.72	1.07	4.72	2.72%	0.128384
A29	Medical Care Availability	5.15	10.00	6.34	10.00	0.54%	0.054
A30	IN-State College Tuition Policies	4.33	10.00	0.00	10.00 Sa	0.54%	0.054
A31	Workforce Availability	10.00	10.00	10.00	10.00	1.09%	0.109
A32	Joint Facilities Cost Sharing	5.42	3.65	5.42	5.42	2.72%	0.147424
A33	Area Cost Factor	8.92	6.85	6.77	6.85	4.09%	0.280165
A34	C2 Target Focus Facilities	0.95	0.07	2.84	2.84	0.27%	0.007668
A35	Installation Unit Cost Factor	0.00	0.00	0.00	0.00	1.09%	0
A36	Buildable Acres	8.96	8.75	8.81	8.81	4.09%	0.360329
A37	Brigade Capacity	6.37	2.93	0.54	2.93	5.45%	0.159685
A38	Environmental Elasticity	3.63	0.35	0.35	0.35	1.09%	0.003815
A39	Urban Sprawl	5.42	5.73	0.34	5.73	2.72%	0.155856
A40	Critical Infrastructure	10.00	9.13	9.13	9.13	4.09%	0.373417
						99.91%	

Dix, Lakehurst, McGuire Joint Base

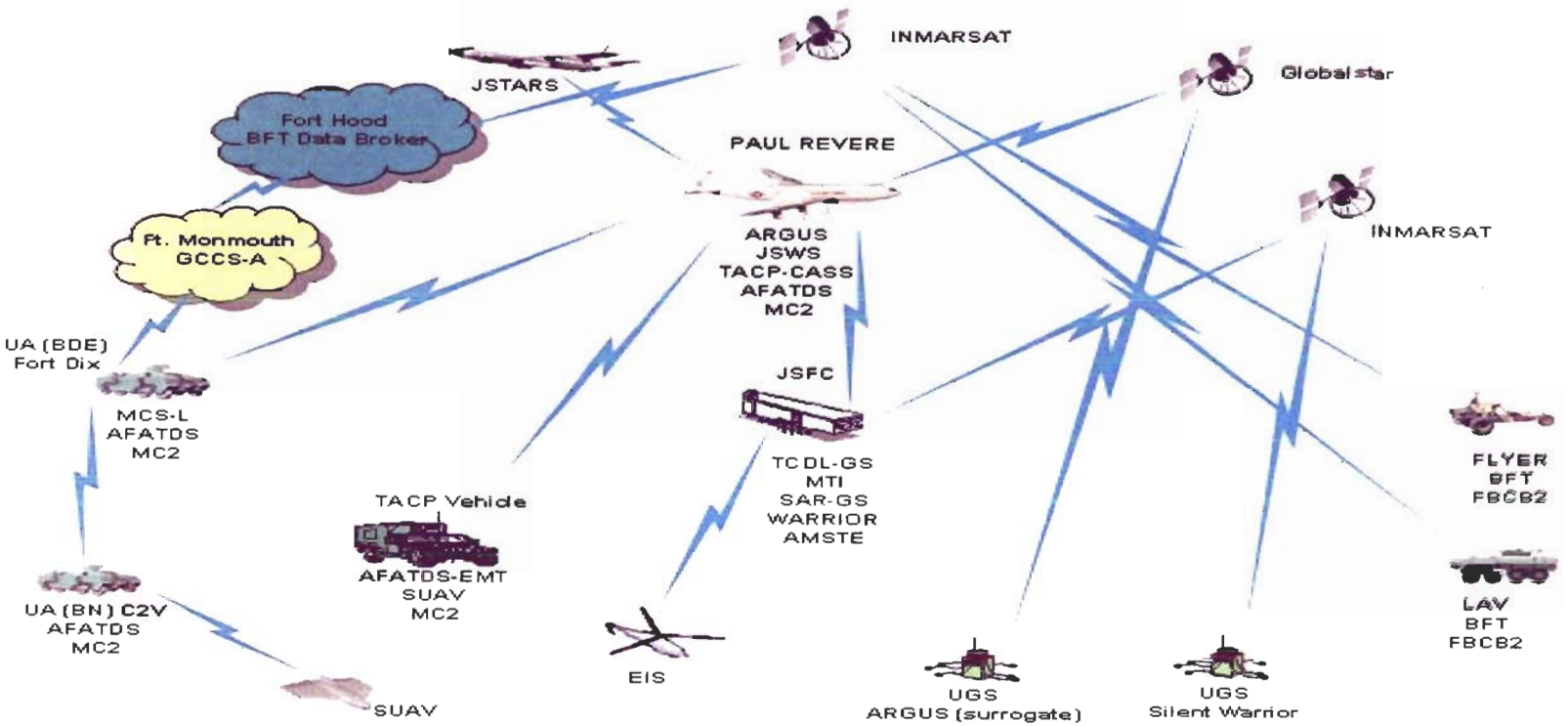
" DLM Joint Base"



New Jersey Joint Base Infrastructure



Joint Interoperability Exercise
Systems Architecture



- JINEX Provided Army An Initial Look At FCS Concepts & Surrogate Hardware Operating as a System of Systems In A Network Centric Architecture
- Joint Experiment Composed Of Systems & Technologies From The Army RDT&E; Army PEO & PMs; Air Force Technology & Acquisition Community; & Industry.
- Vignettes Designed To Address Joint Integration Areas On Current Operational Constructs. Exercise Based On Future Combat Systems (FCS) Requirement & Army-Air Force Joint Operations.
- Involved TRACOC, PM-FCS; Boeing FCS/LSI; Army Test Command; Air Force Hanscom AFB; & Army Reserve Units

Benefits Of Recommendation To Make Fort Monmouth An Enclave Of The Joint Base

- Allows Army To Eliminate An Installation While Preserving The Capability Of The Experienced C4ISR Workforce.
- Enhances Opportunity For Joint Experimentation And Takes Advantage Of An Instrumented Capability In Place At The Joint Base ADD TO
- Review The Fort Monmouth "Footprint" ---Potential To Shed Acreage By 40%
- Eliminates The Need For Expenditure Of Considerable Funds With A Resultant Extended Payback Period (unattainable and unrealistic in POM plus Extended Planning Annex period)
- No Disruption To Critical C4ISR Programs And Enables Continuity Of Current Force and Future Force C4ISR Modernization
- Takes Advantage Of Military Value Of Premier Joint Installations Coupled With The Highest C4ISR RDT&E Military Value Ranking
- Eliminates Any Impact On Supporting War Time Forces
- Recognizes An Existing Land Warfare C4ISR Center Of Excellence And Eliminates The Need To Begin A 10 Year "Rebuilding" Effort

ENCLAVE OF DIX/MEQUIRE