



# **Introducing the Canadian ISTAR Information Centric Collaborative Workspace**

## **Paper Three: Seeing is Believing!**

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[Gaetan.Thibault@drdc-rddc.gc.ca](mailto:Gaetan.Thibault@drdc-rddc.gc.ca)

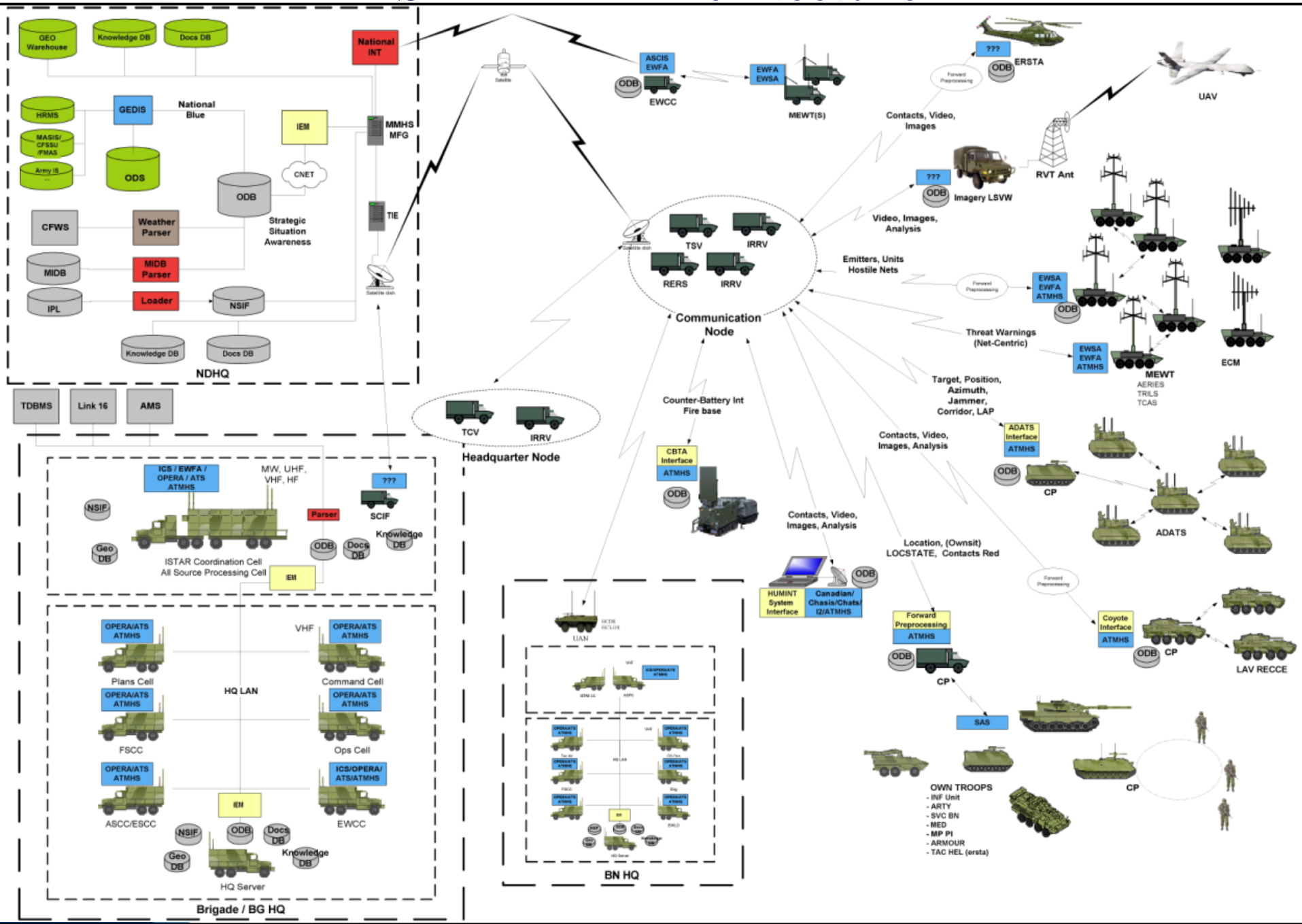
**Réal Dubé (Major Ret'd)**  
Fujitsu Consulting  
[Real.Dube@consulting.fujitsu.com](mailto:Real.Dube@consulting.fujitsu.com)



# ALIX 04, CFB Gagetown, Canada

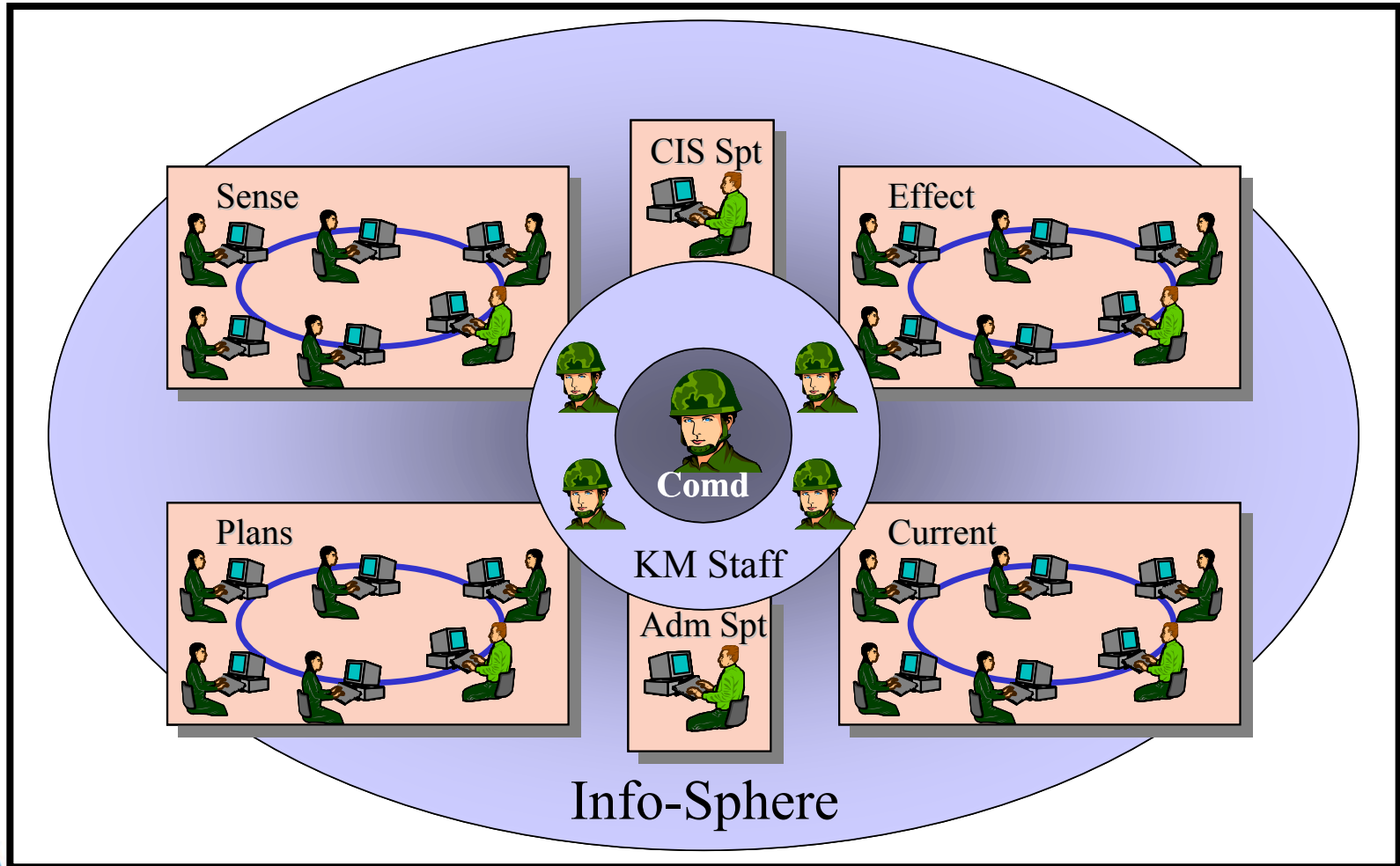


# ISTAR TD -Architecture





# The Collaborative Command Centric Concept Applied to the Field: Brigade & Task Force HQ





- Establishment TO&E
- References TO&E
  - ATBG TO&E
    - ATBG
    - EXCON TO&E
      - EXCON
  - ISTAR
- Equipment Type
- Supply
- Current Situation
- Planned Fragmentary Order
- 2CMBG OPO 001
  - Request / Answer
  - Staff Check
  - 2CMBG OPO 001 TO&E
    - 2CMBG OPO 001 COA1
    - Warning Order
  - 2CMBG OPO 001 EN1
  - 2CMBG OPO 001 EN2
  - 2CMBG ICP Binder

### COA

General Information | Advantages & Disadvantages | LFCMS References

Name \*  
2CMBG OPO 001 COA1

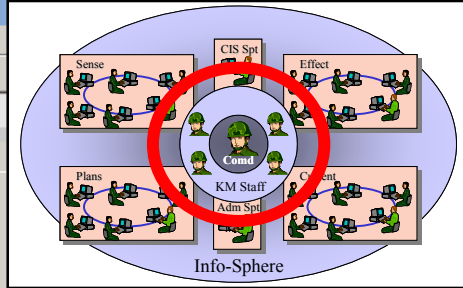
Planned Start Date \*  
011319Z SEP 2004

Concept

Concept of Operation

Main Effort

End State



Owner ID	Organization Name	Created by	Last Updated	Last Updated by
140101100000037	ISTAR HQ	g2plans	311339Z AUG 2004	g2plans



- Establishment TO&E
  - References TO&E
    - ATBG TO&E
      - ATBG
    - EXCON TO&E
      - EXCON
    - ISTAR
  - Equipment Type
  - Supply
  - Current Situation
  - Planned Fragmentary Order
  - 2CMBG OPD 001
    - 2CMBG OPD 001 EN1
      - Request / Answer
      - Staff Check
    - 2CMBG OPD 001 EN1 TO&E
      - 2CMBG OPD 001 ECDA1
    - Warning Order
  - 2CMBG OPD 001 EN2
    - Request / Answer
    - Staff Check
  - 2CMBG OPD 001 EN2 TO&E
    - 2CMBG OPD 001 ECDA2
  - Warning Order
- 2CMBG ICP Binder

### COA

General Information | Advantages & Disadvantages | LFCMS References

Name \*  
2CMBG OPD 001 ECDA1

Planned Start Date \*  
011333Z SEP 2004

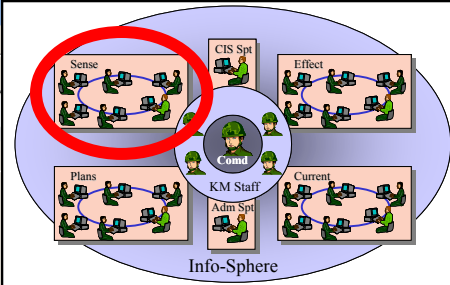
Concept

Concept of Operation

Main Effort

End State

Owner ID	Organization Name	Created by	Last Updated	Last Updated by
140101100000039	ISTAR HQ	g2plans	311339Z AUG 2004	g2plans





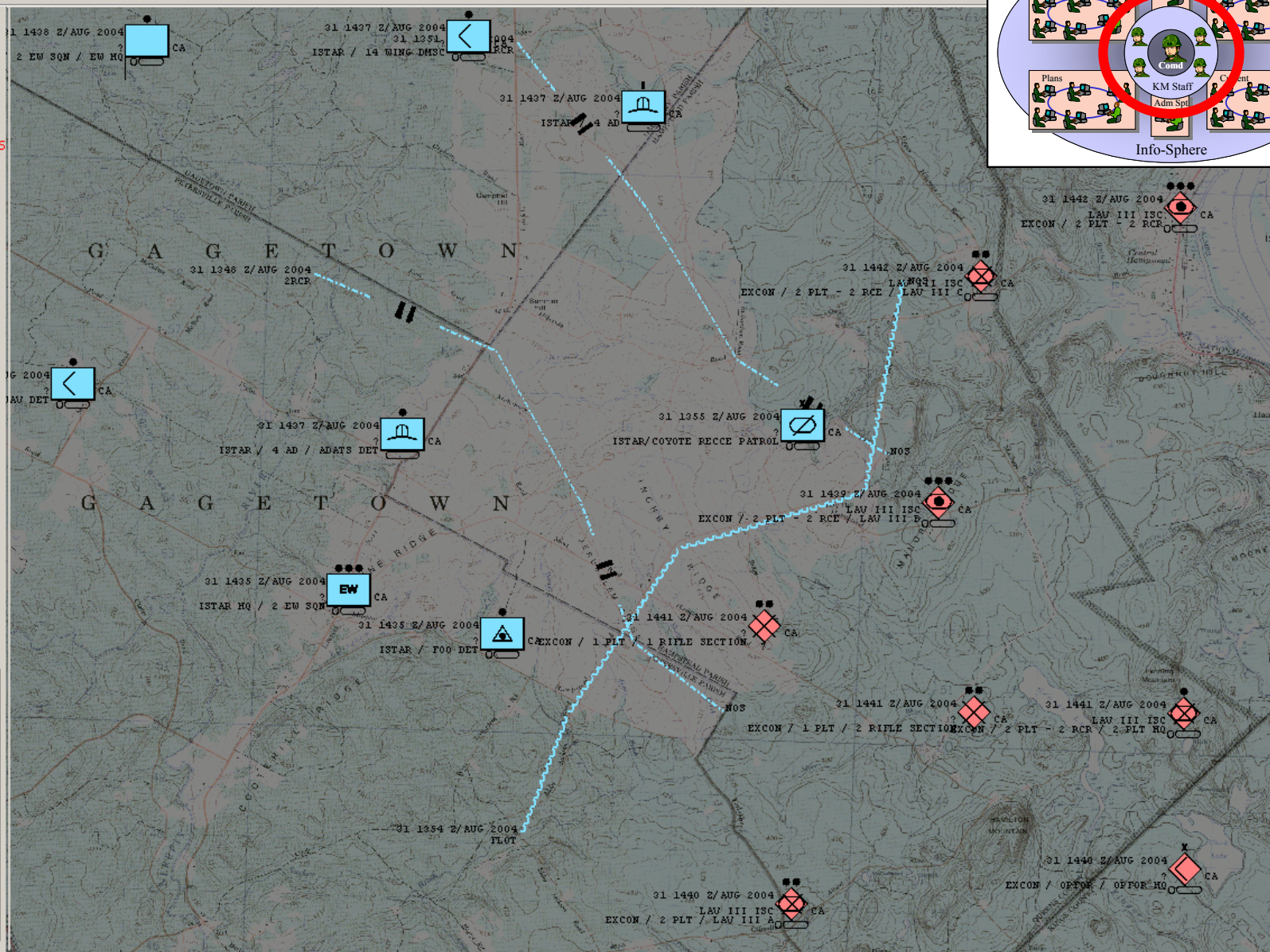
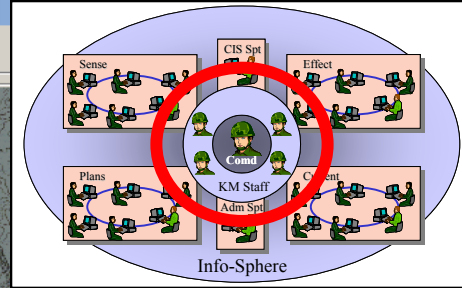
Binder\_1



Current Situation (IS)



(P) CurSit 2CMBG

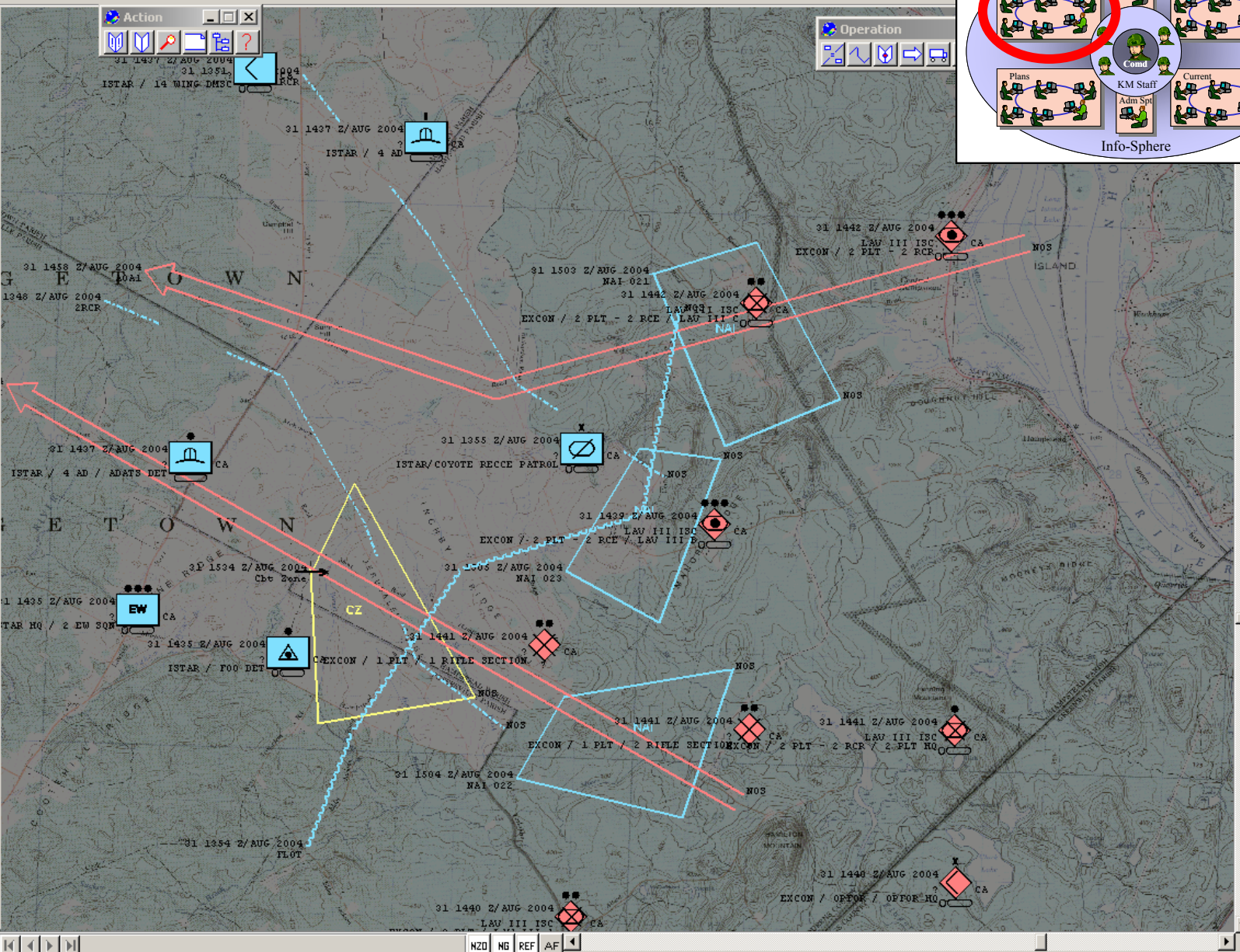


Map

NZD NG REF AF

Fredericton	1/50000	25%	Grid reference follow-up: 19 TGL 114 480
Centre of Display: 19 TGL 153 548		h = 81 m	s = 13 % d = 2787.58 ml

- Binder\_1
- Current Situation (15)
- (P) 2CMBG OPO 001
- (P) 2CMBG OPO 001



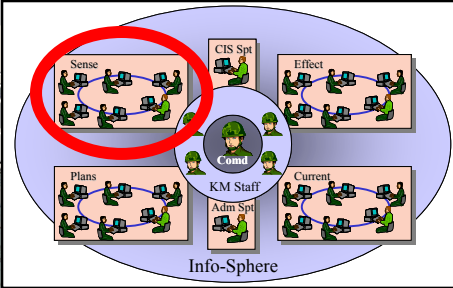
**Action**

31 1437 2/AUG 2004  
31 1351  
ISTAR / 14 WING DMSC

**Operation**

**Map**

Navigation controls: Home, Up, Down, Left, Right, Zoom In, Zoom Out, 25% zoom level, and other map tools.



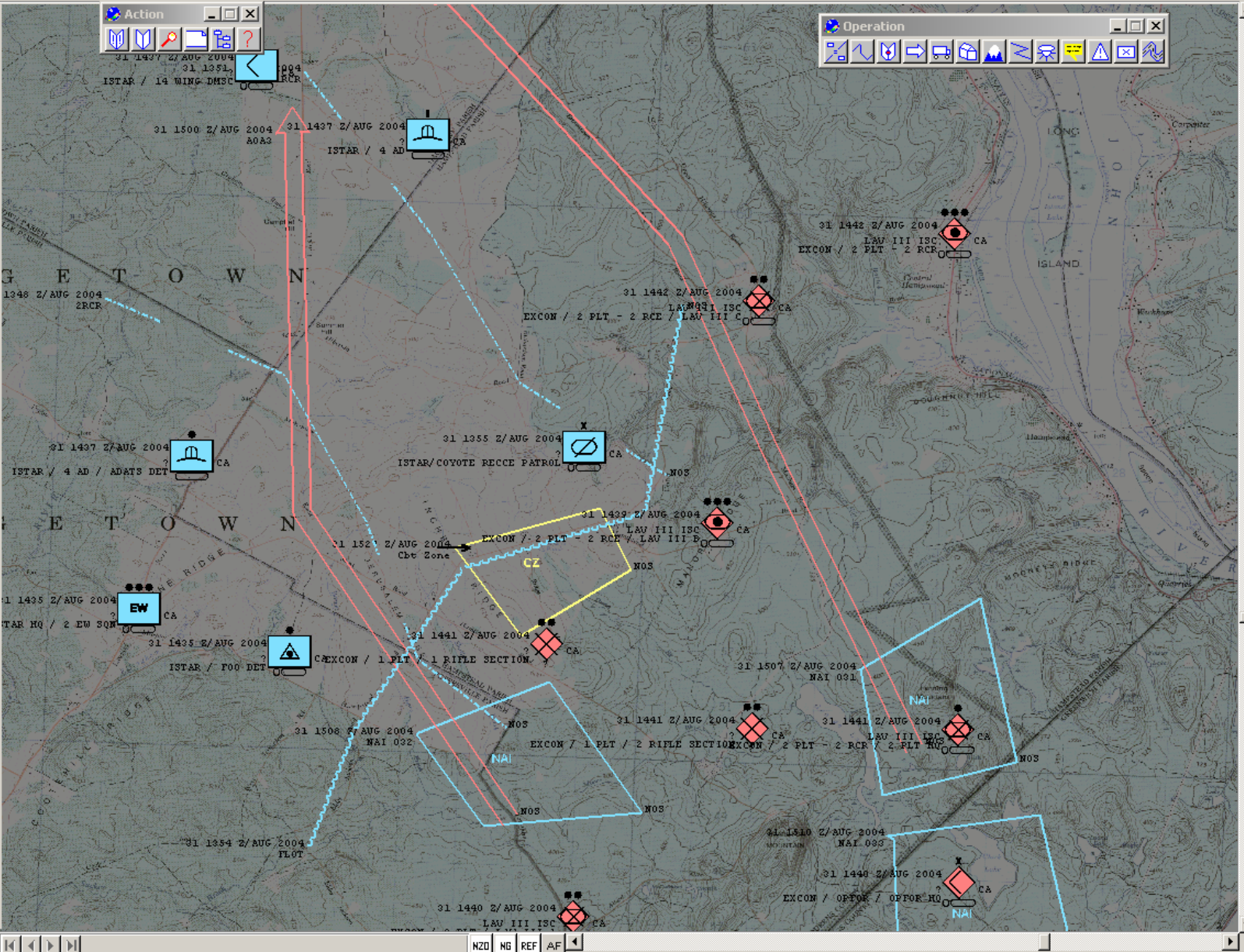
Fredericton 1/50000 25%  
Centre of Display: 19 TGL 185 555



- Binder\_1
- Current Situation (15)
- (P) 2CMBG OPO 001
- (P) 2CMBG OPO 001

**Action**

**Operation**



**Map**

Scale: 25%

Fredericton      1/50000      25%      Centre of Display: 19 TGL 185 555

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: Salut		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: nknmn		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: igitblkugilnugik		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: 004: Identify any threat to the deployment of UNFIG pers		1	29 1150:14 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
PIR: 002 Detailed ORBAT info on each organization to PI leve		1	27 1147:08 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
PIR: 001: Location and Status of all Faction Forces.		1	28 1146:18 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
Parentless IRs							

- New Indicator
- Convert to SpfIR
- ATS
- Delete

PIR: 006: Does the op have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA2	
air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>		

<< Details

SandA	Requirement	Phase	NAI	Surveillance Tasks			SpfDR Status	Completeness L
				On	Exp	Off		

Close ?



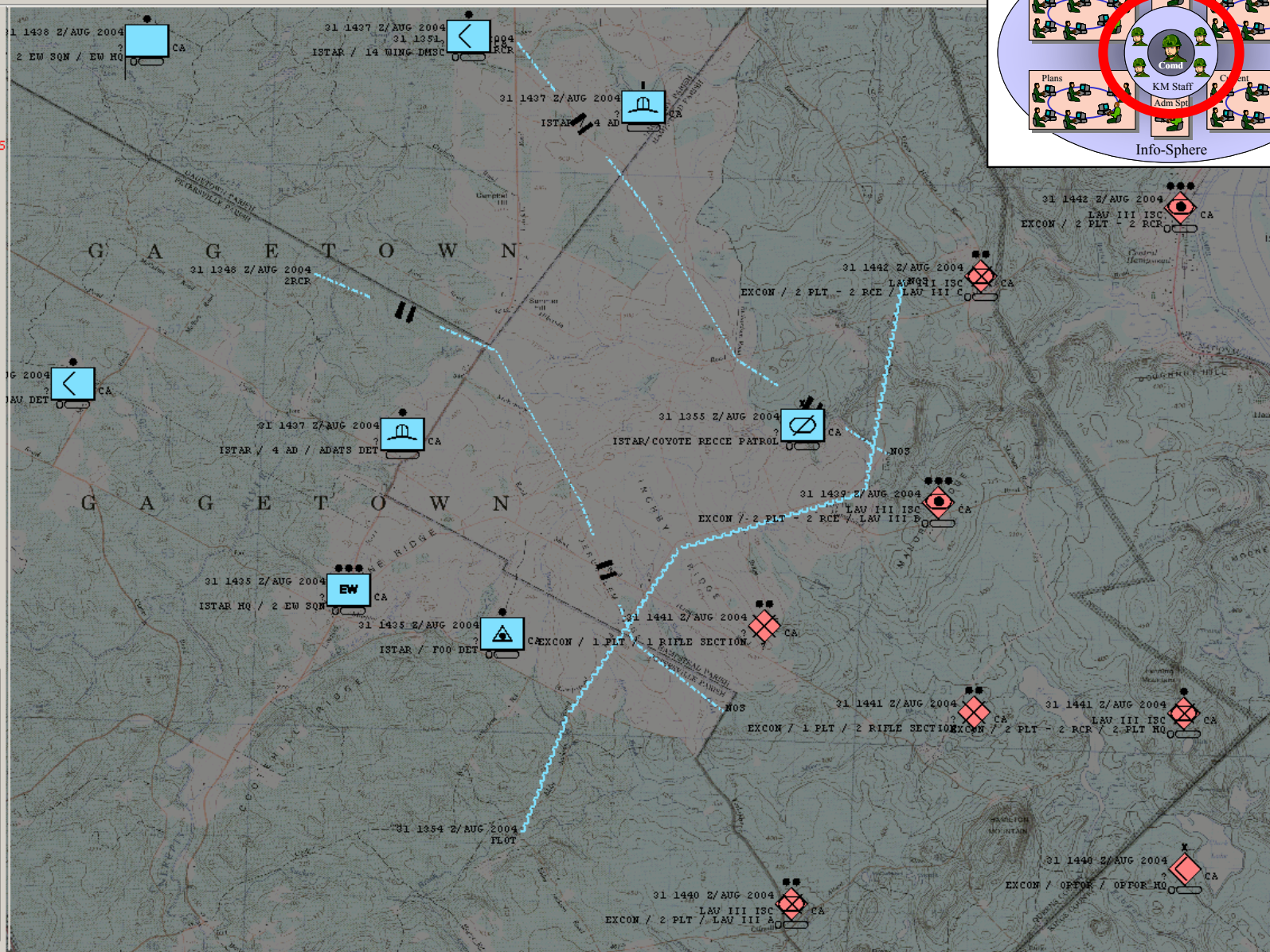
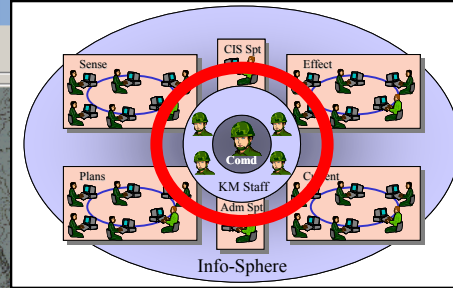
Binder\_1



Current Situation (IS)



(P) CurSit 2CMBG



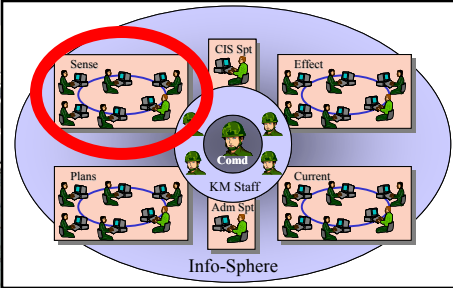
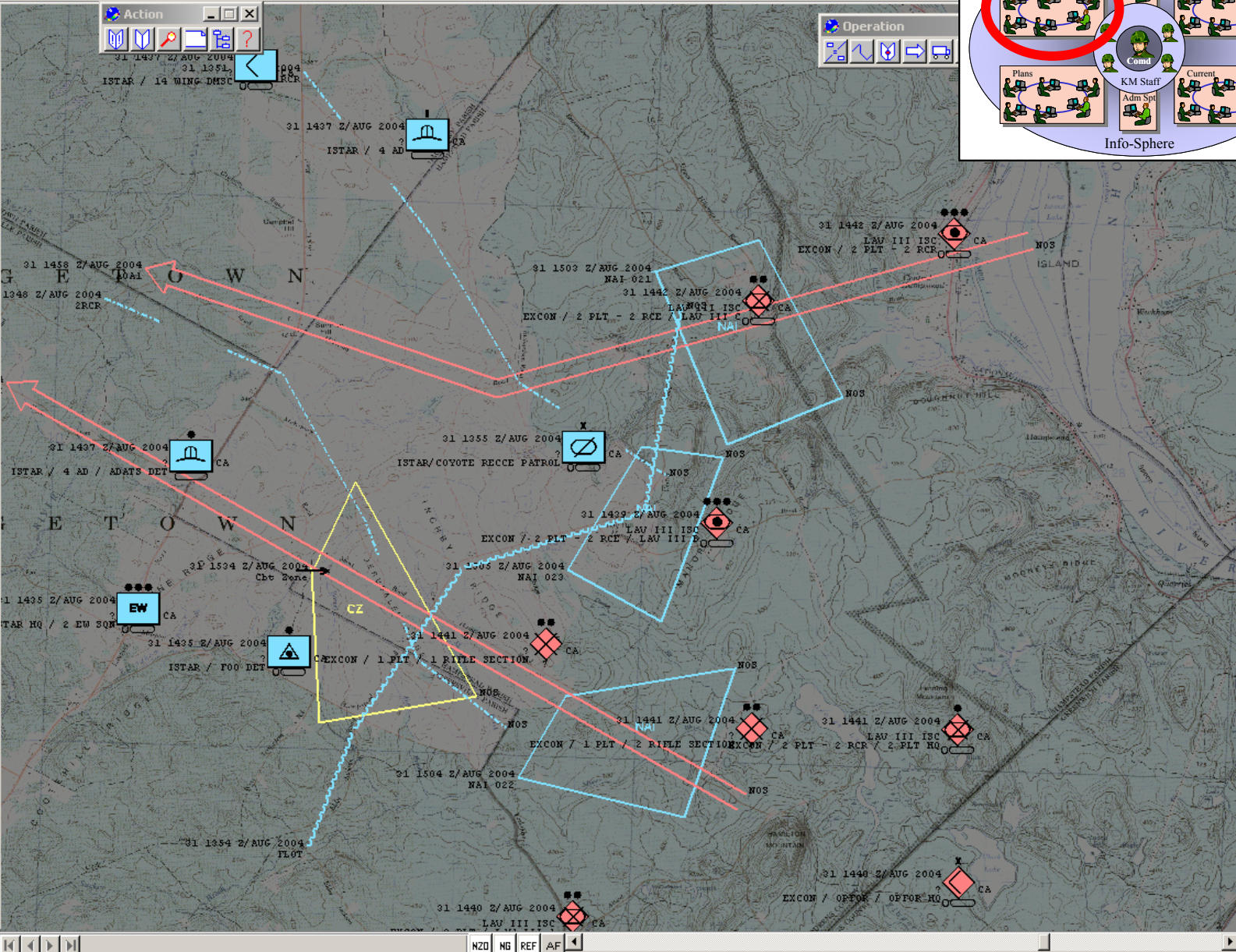
Map

Map navigation controls including zoom in, zoom out, pan, and scale indicators (25%).

NZD NG REF AF

Fredericton	1/50000	25%	Grid reference follow-up: 19 TGL 114 480
Centre of Display: 19 TGL 153 548		h = 81 m	s = 13 % d = 2787.58 ml

- Binder\_1
- Current Situation (15)
- (P) 2CMBG OPO 001
- (P) 2CMBG OPO 001



Map

Navigation icons: Home, Back, Forward, Stop, Pan, Zoom In, Zoom Out, Full Screen, Print, Refresh, etc.

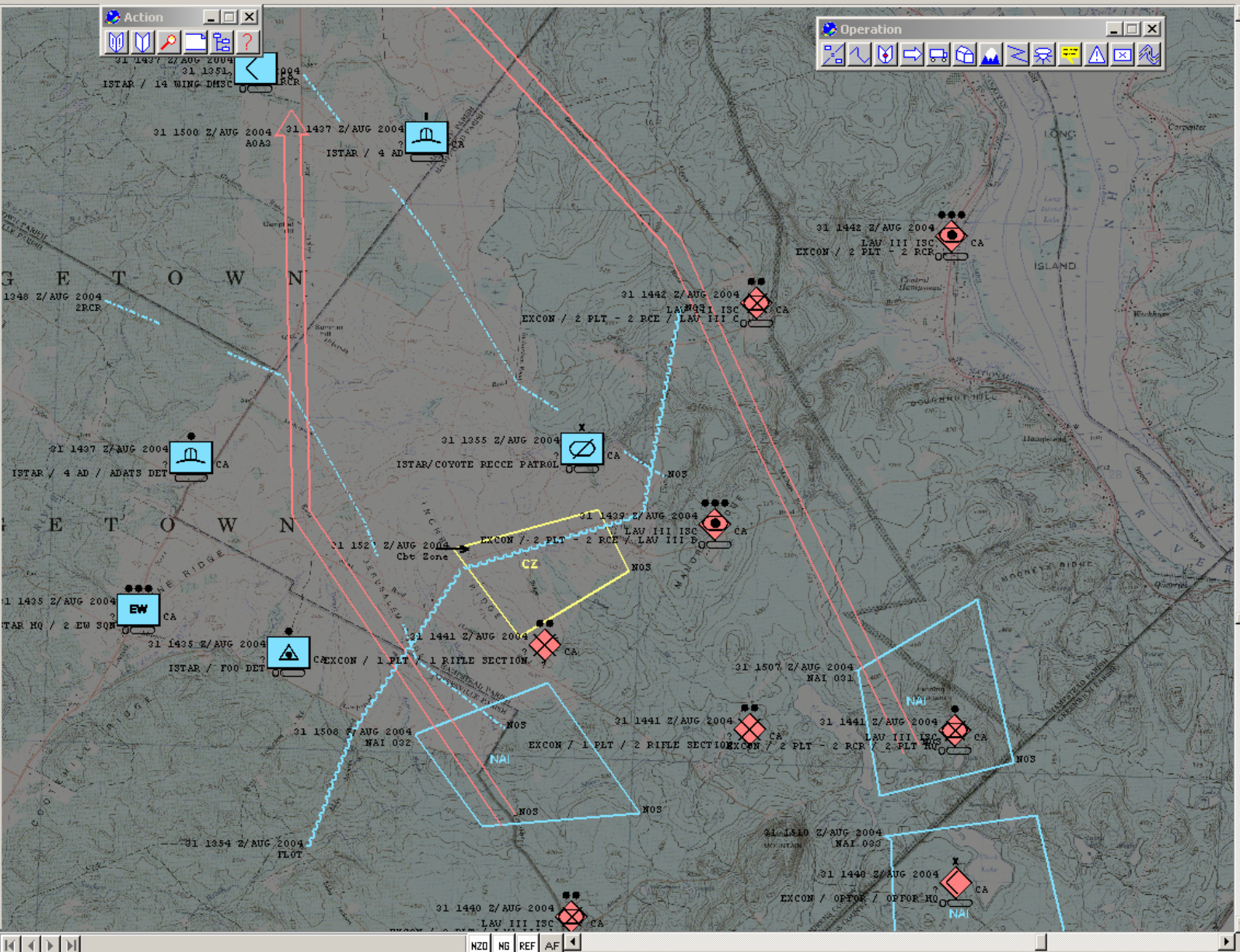
Scale: 25%

Map style icons: Terrain, Street, Hybrid, etc.

Fredericton 1/50000 25%

Centre of Display: 19 TGL 185 555

- Binder\_1
- Current Situation (15)
- (P) 2CMBG OPO 001
- (P) 2CMBG OPO 001



Action

Operation

Map

25%

NZD NG REF AF

Fredericton 1/50000 25%

Centre of Display: 19 TGL 185 555

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: Salut		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: nknmn		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: igitblknguinugik		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: 004: Identify any threat to the deployment of UNFIG pers		1	29 1150:14 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
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Parentless IRs							
PIR: 006: Does the op have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA2	
air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
any air assets available?		1	28 1152:28 ZSEP04	Not started			

- New Indicator
- Convert to SpfIR
- ATS
- Delete

<< Details

SandA	Requirement	Phase	NAI	Surveillance Tasks			SpfDR Status	Completeness L
				On	Exp	Off		

Close ?

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
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PIR: nknmn		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: fgjtbkngulnugik		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: 004: Identify any threat to the deployment of UNFIG pers		1	29 1150:14 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPO 001 ECOA1	
PIR: 002 Detailed ORBAT info on each organization to PI level		1	27 1147:08 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
PIR: 001: Location and Status of all Faction Forces.		1	28 1146:18 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
Parentless IRs							
IR: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPO 001 ECOA2	
IND: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started			
IR: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPO 001 ECOA1	
IND: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started			

**SandA Selection**

SandA Selection

SandA's Capabilities:

ISTAR \ CEASAR DETACHMENT	0
ISTAR \ D Space D LD	0
ISTAR \ EXP STAFF	0
ISTAR \ EXP STAFF \ ALL SOURCE CELL	0
ISTAR \ EXP STAFF \ DATA LINK	0
ISTAR \ EXP STAFF \ EXP DIR	0
ISTAR \ EXP STAFF \ ISTAR CC	0
ISTAR \ EXP STAFF \ UAV	0
ISTAR HEADQUARTER	0
ISTAR HQ / 2 EW SQN	0
▶ ISTAR/COYOTE RECCE PATROL	1
ISTAR\EXP DC	0

Surveillance Tasks:

▶ IND: 006: Does the en have ni	1
SpfIR140101100000119:	
ISTAR/COYOTE REC	None

Availability

Fully Operational	Not Operational
Marginally Operational	Unknown

Show All Indicators

Close ?

SandA	Requirement	Phase	NAI	On	Exp	Off	SpfOR Status	Completeness L
ISTAR/COYOTE REC	SpfIR140101100000119: Locate Presence of NI VIS GOGGLE (AN/PVS7) in NAI 032		NAI 032		26 1157:48 ZSEP04		? Not known	Not started



- Shortcuts
- Collection Manager
- Intelligence Collection Plan
- Event Matrix
- SandA Selection
- Transfer Request to Ops Plan

Public Binders

- Folder: ALIX04 DATABASE
  - CURSIT (Installation Canac
  - Current Situation (EXP STA
  - Current Situation

Intelligence Collection Plan

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ

Transfer Request to Ops Plan

SandA	Requirement
ISTAR / 4 AD / ADAT	RFI140101100000125: Identify Type of EXCON / EXC...
▶ ISTAR / UAV DET	SpfIR140101100000117: Locate Presence of TANKER
ISTAR / UAV DET	SpfIR140101100000123: Identify Presence of EXCON
ISTAR/COYOTE RECC	SpfIR140101100000119: Locate Presence of NI VIS G...
ISTAR/COYOTE RECC	SpfIR140101100000121: Observe Status of EXCON / ;

Copy >  
Remove

Binder List

Binder Name:  
(P) 2CMBG OPO 001 COA1

Binder Members

- Tasks
- Organisations
- Requests
- Control Features

Close

Close

DTG Off	
DTG On	
<b>Mandatory</b>	
Requirement	<b>SpfIR140101100000117: Locate</b>
Selected/Tasked SandA	<b>ISTAR / UAV DET</b>
<b>Misc</b>	
Nai	NAI 021
SpfDRStatus	<b>Not known</b>
<b>Optional</b>	
Answers	<b>(Collection)</b>
Completeness Level	<b>Not started</b>
Coordination instructions	
Phase	

**Answers**  
Represents the responses to this object

Messages





Shortcuts

Navigator

Collection Manager

- Intelligence Collection Plan
- Event Matrix
- SandA Selection
- Transfer Request to Ops Plan

Public Binders

- Folder: ALIX04 DATABASE
  - CURSIT (Installation Canac
  - Current Situation (EXP STA
  - Current Situation

Intelligence Collection Plan

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ

Transfer Request to Ops Plan

Request List	
SandA	Requirement
ISTAR / 4 AD / ADAT	RFI140101100000125: Identify Type of EXCON / EXCO
ISTAR / UAV DET	SpfIR140101100000117: Locate Presence of TANKER
ISTAR / UAV DET	SpfIR140101100000123: Identify Presence of EXCON
ISTAR/COYOTE RECC	SpfIR140101100000119: Locate Presence of NI VIS G
▶ ISTAR/COYOTE RE	SpfIR140101100000121: Observe Status of EXCON /

Copy >  
Remove

Binder List

Binder Name:  
(P) 2CMBG OPO 001 COA1

Binder Members

- Tasks
- Organisations
- Requests
  - SpfIR140101100000117: Locate Presence of TANKER TTF 22,500
  - SpfIR140101100000123: Identify Presence of EXCON / 2 PLT - 2
  - SpfIR140101100000121: Observe Status of EXCON / 2 PLT - 2 R
- Control Features

Close [?]

arted	<input type="checkbox"/>	Curren
arted	<input type="checkbox"/>	Curren
arted	<input type="checkbox"/>	Curren
arted	<input type="checkbox"/>	(P) 2C
arted	<input type="checkbox"/>	(P) 2C
arted	<input type="checkbox"/>	(P) 2C
own	<input type="checkbox"/>	Curren

<< Details

Al On

Messages



- Establishment TO&E
- References TO&E
  - ATBG TO&E
    - ATBG
    - EXCON TO&E
    - EXCON
  - ISTAR
- Equipment Type
- Supply
- Current Situation
- Planned Fragmentary Order
- 2CMBG OPO 001
  - Request / Answer
  - Staff Check
- 2CMBG OPO 001 TO&E
  - New Planning Binder
  - Publish to Order
  - Cancel Plan
  - Duplicate... Ctrl+U
  - Refresh Selected Item F5
  - Refresh All Ctrl+F5
  - Tactical Editor

### Plan

General Information | Advantages & Disadvantages | Status | LFCMS References

Name \*  
2CMBG OPO 001 COA1

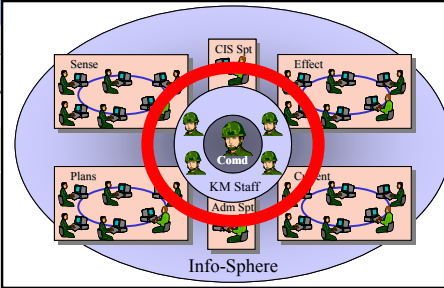
Planned Start Date \*  
011319Z SEP 2004

Concept

Concept of Operation

Main Effort

End State



Owner ID	Organization Name	Created by	Last Updated	Last Updated by
140101100000037	ISTAR HQ	g2plans	311339Z AUG 2004	g2plans



- Establishment TO&E
- References TO&E
  - ATBG TO&E
    - ATBG
  - EXCON TO&E
    - EXCON
  - ISTAR
- Equipment Type
- Supply
- Current Situation
  - Orphans
    - EXCON TO&E
    - ISTAR HQ TO&E
    - 2CMBG OPO 001**
    - ISTAR HQ G3 Ops Phase1
    - RFI140101100000085
    - SpflR140101100000020
    - SpflR140101100000021
    - SpflR140101100000022
    - SpflR140101100000046
    - SpflR140101100000062
    - SpflR140101100000067
    - SpflR140101100000117
    - SpflR140101100000121
    - SpflR140101100000123
    - test g2 binder
    - TestGG
- Planned Fragmentary Order
  - 2CMBG OPO 001
    - Request / Answer
    - Staff Check
    - 2CMBG OPO 001 TO&E
    - 2CMBG OPO 001 COA1
    - Warning Order
  - 2CMBG OPO 001 EN1
  - 2CMBG OPO 001 EN2
  - 2CMBG ICP Binder

### Order

Mission Description | LFCMS References

Name *	Description
2CMBG OPO 001	
Commander's Organization *	
ISTAR HQ	
Intent Effective Date	Organization Role *
311314Z AUG 2004	Provides direction for
Commander's Intent	
The Commander's intent is to ensure that 2CMBG occupies the area and deny any en penetration along the axis STRONG FISH.	
Mission Description	
Mission Statement : 2 CMBG to attack en loc around Obj Dark Patch by 30 0000Z SEP 2004	
Constraints :	
Restrains :	

Owner ID	Organization Name	Created by	Last Updated	Last Updated by
140000031000000	ISTAR HQ	g2plans	311608Z AUG 2004	g2plans

**REQUEST**

Characteristics | Location | Association | Answer | Reference

Name: SpflR140101100000117

Category: Presence  Priority: [ ] Verb: Locate

Minimum Duration: [ ] Estimated Duration: [ ] Maximum Duration: [ ]

Planned Start DTG: 19 0000 Z/FEB 1983  Planned End DTG: 19 0000 Z/FEB 1983  DTG: 27 1154 Z/SEP 2004

Start Precision: [ ] End Precision: [ ] Critical: No

Start Qualifier: [ ] End Qualifier: [ ] Description: [ ]

Assigned to: [ ]

Status: 

Category	Planning Indicator	Progress
Order	No	

Objective: 

Category	Qualifier	Priority
ACTION-OBJECTIVE-1		
ACTION-OBJECTIVE-1		

Context: 

Category
Intermediate state, .

Capability: 

Capability
------------

Resource: 

Category	Critical	Qualifier
ACTION-RESOURC		

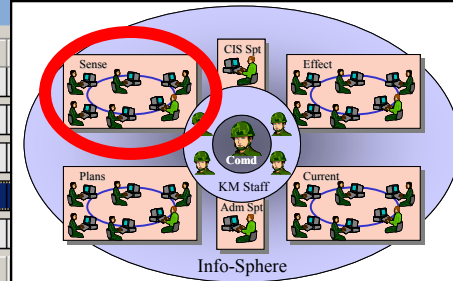
Associated ROE: 

Associated ROE
----------------

OK Close Help

Centre of Display: 19 TGL 153 548

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	
Parentless IRs							
IR: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG DPD 001 ECOA2	
IND: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started			
IR: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG DPD 001 ECOA1	
IND: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	
PIR: Salut		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: test cursit		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: nknmn		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: 002 Detailed ORBAT info on each organization to PI leve		1	27 1147:08 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
IR: 001: Does the en have an intelligence and counter-inte		1	26 1149:36 ZSEP04	Not started			
IND: 001: Does the en have an intelligence and count		1	26 1149:36 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: 001: Location and Status of all Faction Forces.		1	28 1146:18 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
IR: 001: What are the identities of units present in our AO.		1	27 1147:52 ZSEP04	Not started			
IND: 001: What are the identities of units present in ou		1	27 1147:52 ZSEP04	Not started			
IR: 002: What is the morale of factional forces		1	27 1148:46 ZSEP04	Not started			
IND: 002: What is the morale of factional forces		1	27 1148:46 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: 004: Identify any threat to the deployment of UNFIG pers		1	29 1150:14 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG DPD 001 ECOA1	
IR: 001: What is the local population's general consensus		1	28 1150:58 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: fgjttblknuglnuglk		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	



<< Details

SandA				Surveillance Tasks					
Requirement	Phase	NAI	On	Exp	Off	SpfDR Status	Completeness L		
ISTAR / UAV DET		NAI 021		27 1154:45 ZSEP04		Not known	Not started		

Close ?

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
Parentless IRs							
IR: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA2	
IND: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started			
IR: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
IND: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started			
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PIR: Salut		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
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IND: 001: Does the en have an intelligence and count		1	26 1149:36 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: 001: Location and Status of all Faction Forces.		1	28 1146:18 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
IR: 001: What are the identities of units present in our AO.		1	27 1147:52 ZSEP04	Not started			
IND: 001: What are the identities of units present in ou		1	27 1147:52 ZSEP04	Not started			
IR: 002: What is the morale of factional forces		1	27 1148:46 ZSEP04	Not started			
IND: 002: What is the morale of factional forces		1	27 1148:46 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: 004: Identity any threat to the deployment of UNFIG pers		1	29 1150:14 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
IR: 001: What is the local population's general consensus		1	28 1150:58 ZSEP04	Not started			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: fgjtbkngulinugik		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
IR: fgjtbkngulinugik		5		Not known			
IND: fgjtbkngulinugik		5		Not known			

<< Details

SandA				Surveillance Tasks				
Requirement	Phase	NAI	On	Exp	Off	SpfDR Status	Completeness L	
ISTAR / UAV DET		NAI 021		27 1154:45 ZSEP04			Not started	



Collection Manager

- Intelligence Collection Plan
- Event Matrix
- SandA Selection
- Transfer Request to Ops Plan

Navigator

- PIR: 002 Detailed ORBAT info c
  - IR: 001: Does the en have a
  - IND: 001: Does the en h
  - RF11401011000001
- PIR: 001: Location and Status c
  - IR: 001: What are the identi
  - IND: 001: What are the
  - SpfIR140101100000
  - IR: 002: What is the morale
  - IND: 002: What is the m
  - SpfIR140101100000
  - PIR: 004: Identify any threat to t
  - IR: 001: What is the local po
  - PIR: fgjtbkknugilnugik
  - IR: fgjtbkknugilnugik
- Parentless IRs
  - IR: 006: Does the en have night
  - IND: 006: Does the en have
  - SpfIR140101100000119
  - IR: 004: Does the en any air as
  - IND: 004: Does the en any

Intelligence Collection Plan

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ
Parentless IRs					
IR: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/> (P)
IND: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>
IR: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/> (P)
IND: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Not started	<input type="checkbox"/>
Requirement					
PIR: Salut		1		Not started	<input type="checkbox"/> Cur
PIR: test cursit		1		Not started	<input type="checkbox"/> Cur
PIR: nknmn		1		Not started	<input type="checkbox"/> Cur
PIR: 002 Detailed ORBAT info on each organization to PI leve		1	27 1147:08 ZSEP04	Not started	<input type="checkbox"/> (P)

<< Details

	SandA	Requirement	Phase	NAI	On
	ISTAR / UAV DET	SpfIR140101100000117: Locate Presence of TANKER TTF 22,500L in NAI 021		NAI 021	

Close

Answers

ANSWER: Yes

Category	Yes
Description	Presence of TANKER T (+) ...
References	Presence of TANKER TTF 22,500L is confirmed in NAI 021
Report	

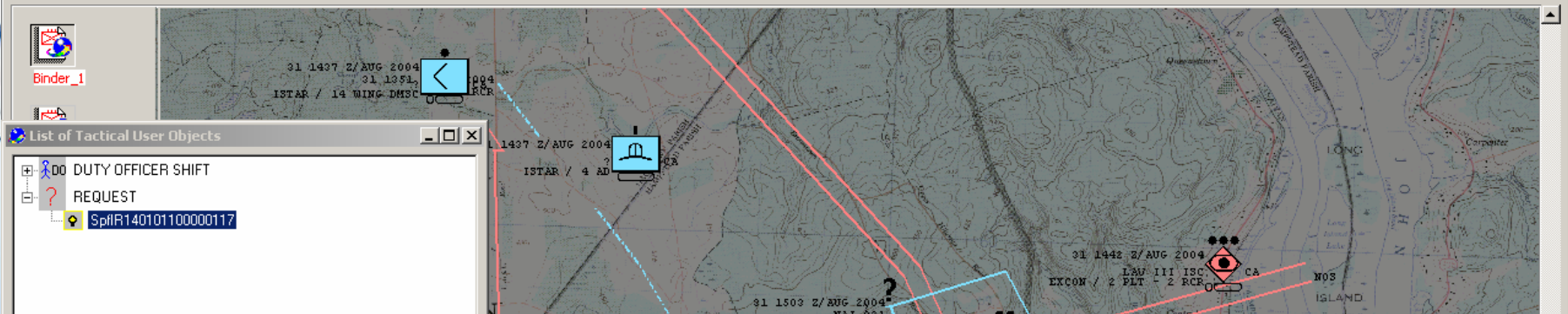
Description  
This is the description associated with this answer

Add Remove

OK Cancel

Intelligence  
General

Represents the responses to this object



**List of Tactical User Objects**

- DUTY OFFICER SHIFT
- REQUEST
  - SpIR140101100000117

Display of the Tactical User Objects:

- Selected
- Not selected
- Currently Located
- Not Currently Located

**CONTEXT**

Characteristics | Result | Assessment

Name: Preliminary Conclusion

Context Element

Entity class	Name	Element Name	Element Attr. values	Category	Credibility	Effective

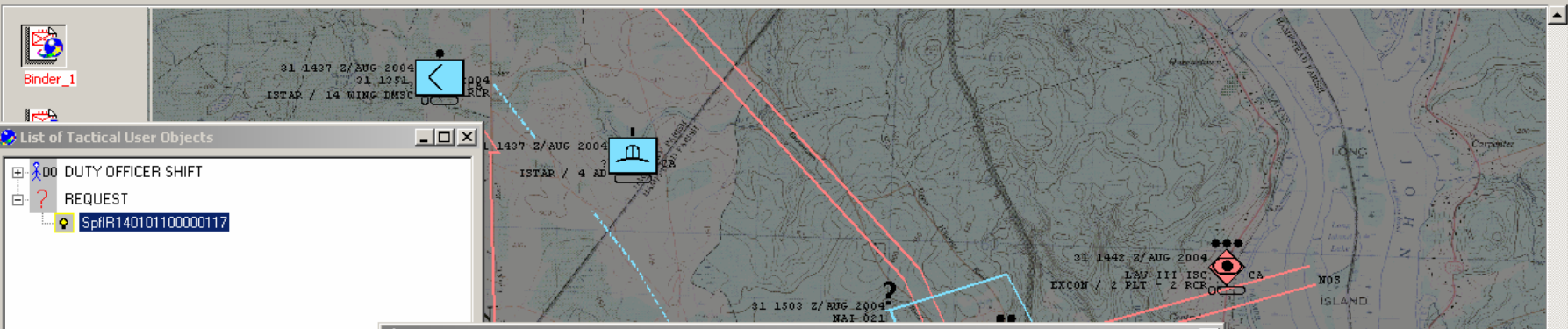
OK Close Help

**Analysis and Fusion**

New Sort Show Hide Visualize Con

Close Help





**List of Tactical User Objects**

- DO DUTY OFFICER SHIFT
- REQUEST
  - SpIR140101100000117

Display of the Tactical User Objects:

Selected     Currently Located     Not Currently Located  
 Not selected     Not Currently Located

Buttons: Close, Help

**CONTEXT**

Characteristics    Result    Assesment

Assesment

Comment	DTG Comment	Assesir

Buttons: OK, Close

**Mini-editor**

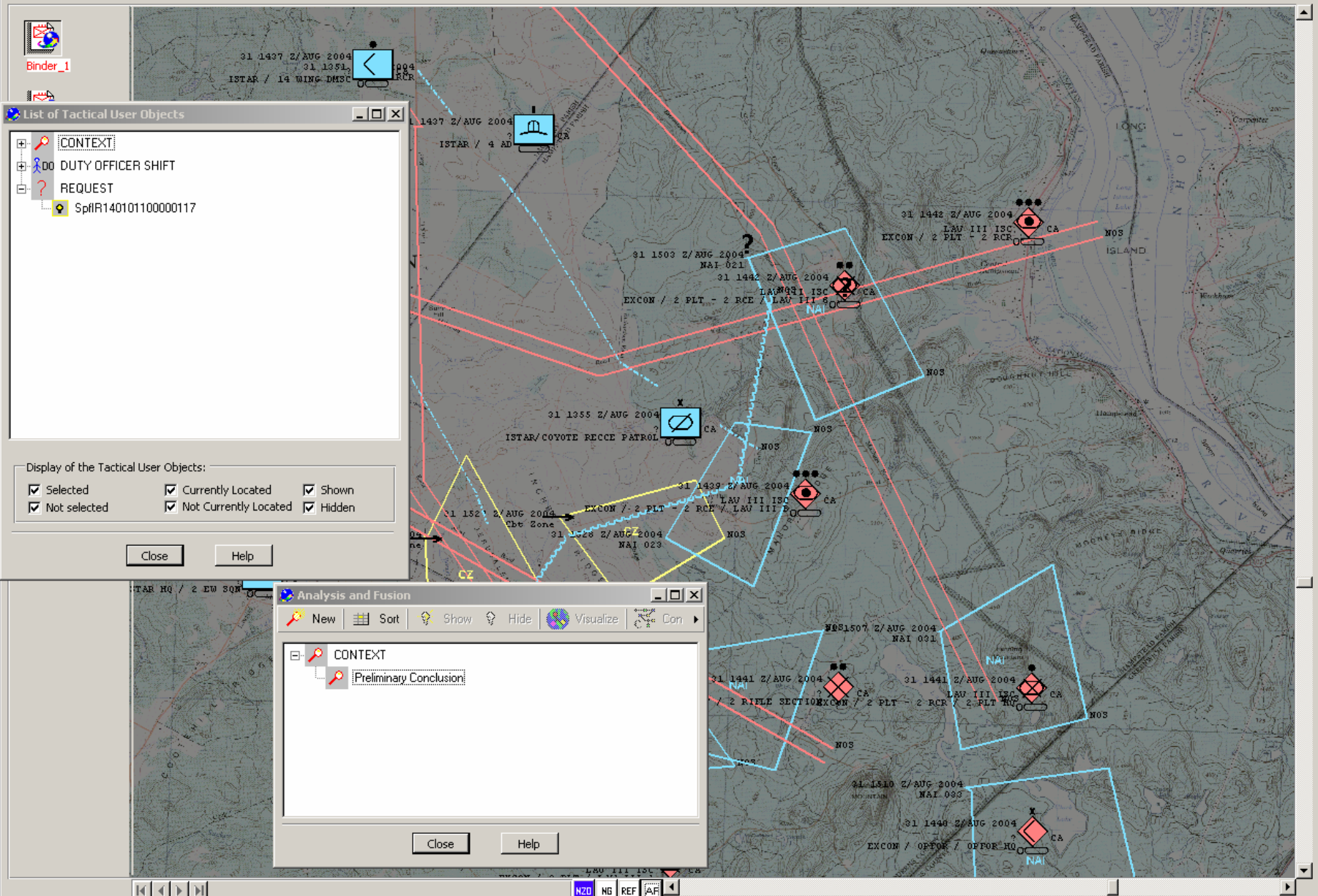
This is a preliminary conclusion on the air sit

Buttons: OK, Close, Help

**Analysis and Fusion**

New    Sort    Show    Hide    Visualize    Con

Buttons: Close, Help



List of Tactical User Objects

- CONTEXT
  - DUTY OFFICER SHIFT
  - REQUEST
    - SpfIR140101100000117

Display of the Tactical User Objects:

Selected     Currently Located     Shown  
 Not selected     Not Currently Located     Hidden

Close    Help

Analysis and Fusion

New    Sort    Show    Hide    Visualize    Con

- CONTEXT
  - Preliminary Conclusion

Close    Help

Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
Parentless IRs							
IR: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA2	
IND: 006: Does the en have night fighting capability?		1	27 1151:40 ZSEP04	Not started			
IR: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Complete	<input type="checkbox"/>	(P) 2CMBG OPD 001 ECOA1	
IND: 004: Does the en any air assets available?		1	28 1152:28 ZSEP04	Complete			
Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
PIR: Salut		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: test cursit		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: nknmn		1		Not started	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
PIR: 002 Detailed ORBAT info on each organization to PI leve		1	27 1147:08 ZSEP04	Not started	<input type="checkbox"/>	(P) 2CMBG ICP COA	
IR: 001: Does the en have an intelligence and counter-inte		1	26 1149:36 ZSEP04	Not started			
IND: 001: Does the en have an intelligence and count		1	26 1149:36 ZSEP04	Not started			
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Requirement	Phase	Priority	LTIOV	Completeness Level	REQ	COA	DP
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PIR: fgjtblknugilnugik		5		Not known	<input type="checkbox"/>	Current Situation (ISTAR HQ)	
IR: fgjtblknugilnugik		5		Not known			
IND: fgjtblknugilnugik		5		Not known			

<< Details

	SandA	Requirement	Surveillance Tasks						
			Phase	NAI	On	Exp	Off	SpfOR Status	Completeness L
▶	ISTAR /UAV DET	SpfIR140101100000117: Locate Presence of TANKER TTF 22.500L in NAI 021		NAI 021		27 1154:45 ZSEP0			Not started

Close



## Conclusions

- Information-Centric Workspace Concept was demonstrated despite the fact it was loosely coupled with legacy stovepipe systems
- Next step: Migrate critical functionality into the ICW to enhance collaborative working





# Questions?



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